

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037570.D
 Acq On : 27 Sep 2024 00:05
 Operator : SY/MD
 Sample : P4184-16
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY042

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Title : VOC Analysis

Signal : TIC: VV037570.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.172	33	41	51	rBV	28651	46913	0.03%	0.009%
2	1.282	66	75	87	rBV2	434026	484151	0.30%	0.096%
3	1.532	145	153	167	rVV	299366	370049	0.23%	0.073%
4	1.667	187	195	202	rBV	101434	125663	0.08%	0.025%
5	1.712	202	209	222	rVB2	127487	186474	0.12%	0.037%
6	2.066	306	319	341	rBV3	2149697	3492249	2.17%	0.690%
7	2.446	427	437	454	rBV4	26130	66400	0.04%	0.013%
8	2.690	501	513	532	rBV	478578	816798	0.51%	0.161%
9	2.960	587	597	609	rVB2	31474	61088	0.04%	0.012%
10	3.105	622	642	677	rBV2	19051890	39229347	24.43%	7.748%
11	3.667	800	817	832	rBV4	22206	56880	0.04%	0.011%
12	3.809	840	861	924	rBV4	62906412	160580738	100.00%	31.717%
13	4.246	981	997	1024	rVB	404835	1071498	0.67%	0.212%
14	4.516	1054	1081	1123	rBV3	55322045	151264963	94.20%	29.877%
15	4.950	1200	1216	1230	rBV2	1003338	2537470	1.58%	0.501%
16	5.140	1264	1275	1291	rVB3	42496	112950	0.07%	0.022%
17	5.529	1383	1396	1431	rBV	747177	1530360	0.95%	0.302%
18	5.831	1474	1490	1519	rVV	231066	482226	0.30%	0.095%
19	5.986	1524	1538	1549	rBV	551649	1134982	0.71%	0.224%
20	6.908	1814	1825	1846	rVV	297127	554048	0.35%	0.109%
21	7.185	1897	1911	1917	rBV4	57779	112359	0.07%	0.022%
22	7.236	1917	1927	1939	rVV	1180215	2050509	1.28%	0.405%
23	7.307	1939	1949	1980	rVB	4732400	7933139	4.94%	1.567%
24	7.497	2000	2008	2014	rBV2	43492	65966	0.04%	0.013%
25	7.548	2014	2024	2056	rVB4	249190	589366	0.37%	0.116%
26	7.770	2084	2093	2109	rVV2	60710	108996	0.07%	0.022%
27	7.899	2121	2133	2154	rBV	684386	1164671	0.73%	0.230%
28	8.024	2159	2172	2201	rBV	381386	771160	0.48%	0.152%
29	8.159	2202	2214	2222	rVV6	33248	66593	0.04%	0.013%
30	8.214	2222	2231	2241	rVB2	114302	182164	0.11%	0.036%
31	8.275	2241	2250	2261	rBV	75680	125876	0.08%	0.025%
32	8.519	2309	2326	2342	rBV4	43154	104095	0.06%	0.021%
33	8.600	2343	2351	2359	rVB3	32814	50141	0.03%	0.010%
34	8.719	2377	2388	2397	rBV2	38186	66259	0.04%	0.013%
35	8.780	2397	2407	2424	rBV	1178156	1893434	1.18%	0.374%
36	8.857	2426	2431	2441	rVB2	48441	82199	0.05%	0.016%

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Max Peaks: 100

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Title : VOC Analysis

37	8.940	2442	2457	2475	rBV	2121855	3295580	2.05%	0.651%
38	9.063	2478	2495	2510	rVV	7649177	12105528	7.54%	2.391%
39	9.133	2510	2517	2541	rVB3	258236	471499	0.29%	0.093%
40	9.243	2542	2551	2566	rVB3	49994	95165	0.06%	0.019%
41	9.323	2566	2576	2585	rBV	61918	109559	0.07%	0.022%
42	9.403	2587	2601	2611	rBV7	109759	235130	0.15%	0.046%
43	9.471	2611	2622	2644	rVB	4639398	7017314	4.37%	1.386%
44	9.635	2656	2673	2687	rVB4	272406	551236	0.34%	0.109%
45	9.728	2691	2702	2713	rBV4	226501	432552	0.27%	0.085%
46	9.783	2714	2719	2730	rVB	79218	122323	0.08%	0.024%
47	9.860	2732	2743	2754	rBV	462923	735128	0.46%	0.145%
48	9.950	2764	2771	2779	rBV3	40367	61972	0.04%	0.012%
49	10.021	2787	2793	2797	rBV2	51400	73981	0.05%	0.015%
50	10.053	2797	2803	2814	rVB2	172187	267959	0.17%	0.053%
51	10.146	2820	2832	2862	rBV	758212	1533738	0.96%	0.303%
52	10.281	2864	2874	2893	rVV	1844076	2923950	1.82%	0.578%
53	10.378	2893	2904	2922	rVV	7131036	15195294	9.46%	3.001%
54	10.468	2923	2932	2941	rVV	4372306	6649591	4.14%	1.313%
55	10.513	2941	2946	2968	rVB	500218	820110	0.51%	0.162%
56	10.667	2975	2994	3016	rVB	4035421	6191862	3.86%	1.223%
57	10.844	3030	3049	3072	rVB	16175383	24402512	15.20%	4.820%
58	10.989	3086	3094	3098	rBV	192807	279279	0.17%	0.055%
59	11.018	3098	3103	3114	rVV	365942	559903	0.35%	0.111%
60	11.085	3118	3124	3128	rVV2	100585	140499	0.09%	0.028%
61	11.127	3129	3137	3144	rVV	751175	1102750	0.69%	0.218%
62	11.178	3144	3153	3165	rVV2	1622073	2526972	1.57%	0.499%
63	11.265	3169	3180	3201	rVB	6104705	9113460	5.68%	1.800%
64	11.387	3210	3218	3229	rVB2	123720	216780	0.13%	0.043%
65	11.461	3229	3241	3249	rBV3	2234705	4351638	2.71%	0.860%
66	11.506	3250	3255	3262	rVB	1301348	1686123	1.05%	0.333%
67	11.561	3262	3272	3298	rVB5	2270463	5888311	3.67%	1.163%
68	11.677	3299	3308	3315	rBV2	193361	303059	0.19%	0.060%
69	11.751	3316	3331	3349	rVB2	771340	1646964	1.03%	0.325%
70	11.844	3350	3360	3365	rBV2	1168849	1898629	1.18%	0.375%
71	11.947	3383	3392	3413	rVB	1391684	2456883	1.53%	0.485%
72	12.046	3413	3423	3427	rBV	406282	613482	0.38%	0.121%
73	12.191	3455	3468	3475	rBV5	152822	300025	0.19%	0.059%
74	12.246	3475	3485	3496	rVB3	460468	776155	0.48%	0.153%
75	12.313	3496	3506	3508	rBV5	126993	178989	0.11%	0.035%
76	12.345	3508	3516	3524	rVV	687051	999896	0.62%	0.197%

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 Title : VOC Analysis

77	12.397	3524	3532	3550	rVB	1200646	1794430	1.12%	0.354%
78	12.484	3551	3559	3565	rBV2	132929	193567	0.12%	0.038%
79	12.519	3565	3570	3574	rBV2	47847	50262	0.03%	0.010%
80	12.657	3606	3613	3627	rVB2	304699	482996	0.30%	0.095%
81	12.728	3628	3635	3642	rBV2	75715	103262	0.06%	0.020%
82	12.812	3643	3661	3678	rBV2	1280649	2321253	1.45%	0.458%
83	12.934	3692	3699	3704	rBV	80104	109200	0.07%	0.022%
84	12.976	3704	3712	3723	rVB	261295	409973	0.26%	0.081%
85	13.098	3741	3750	3758	rBV4	61959	104368	0.06%	0.021%
86	13.146	3758	3765	3772	rVB	50224	72669	0.05%	0.014%
87	13.201	3772	3782	3789	rBV3	177763	298688	0.19%	0.059%
88	13.333	3818	3823	3837	rVB	66921	100261	0.06%	0.020%
89	13.432	3839	3854	3864	rBV	594282	946385	0.59%	0.187%
90	13.545	3882	3889	3896	rBV7	26416	47171	0.03%	0.009%
91	13.654	3912	3923	3932	rBV5	30418	69426	0.04%	0.014%
92	13.837	3972	3980	3996	rVB5	84201	148006	0.09%	0.029%
93	14.033	4028	4041	4053	rBV6	72190	160614	0.10%	0.032%
94	14.226	4095	4101	4115	rVB6	23917	46195	0.03%	0.009%
95	14.361	4135	4143	4157	rBV3	38264	68427	0.04%	0.014%
96	14.564	4196	4206	4239	rVB	202826	407007	0.25%	0.080%
97	14.747	4254	4263	4271	rBV	123769	216378	0.13%	0.043%
98	15.603	4515	4529	4540	rBV2	42314	84505	0.05%	0.017%
99	15.744	4564	4573	4579	rBV2	56698	90751	0.06%	0.018%
100	15.783	4580	4585	4598	rVB2	38095	62220	0.04%	0.012%

Sum of corrected areas: 506291968

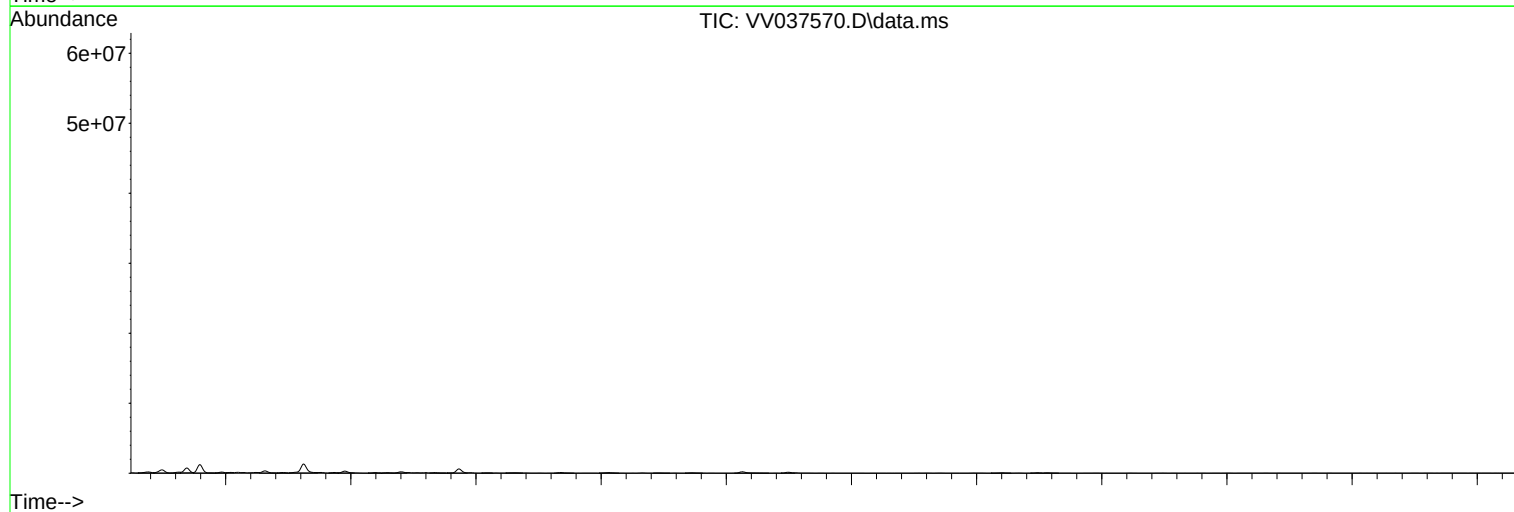
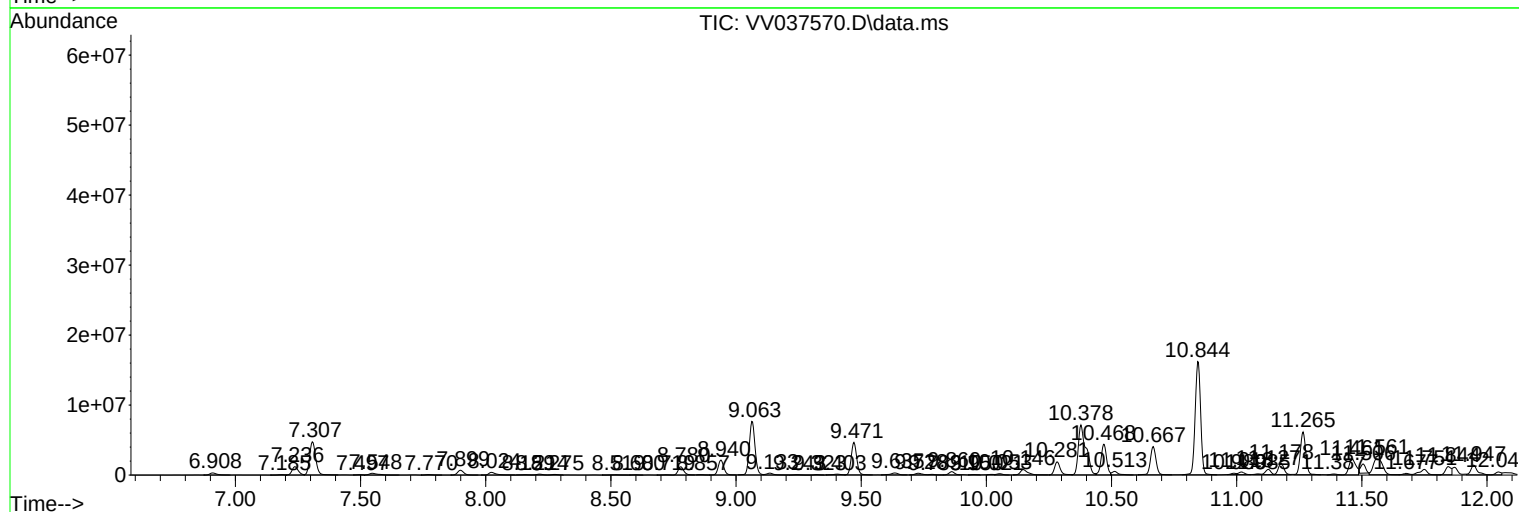
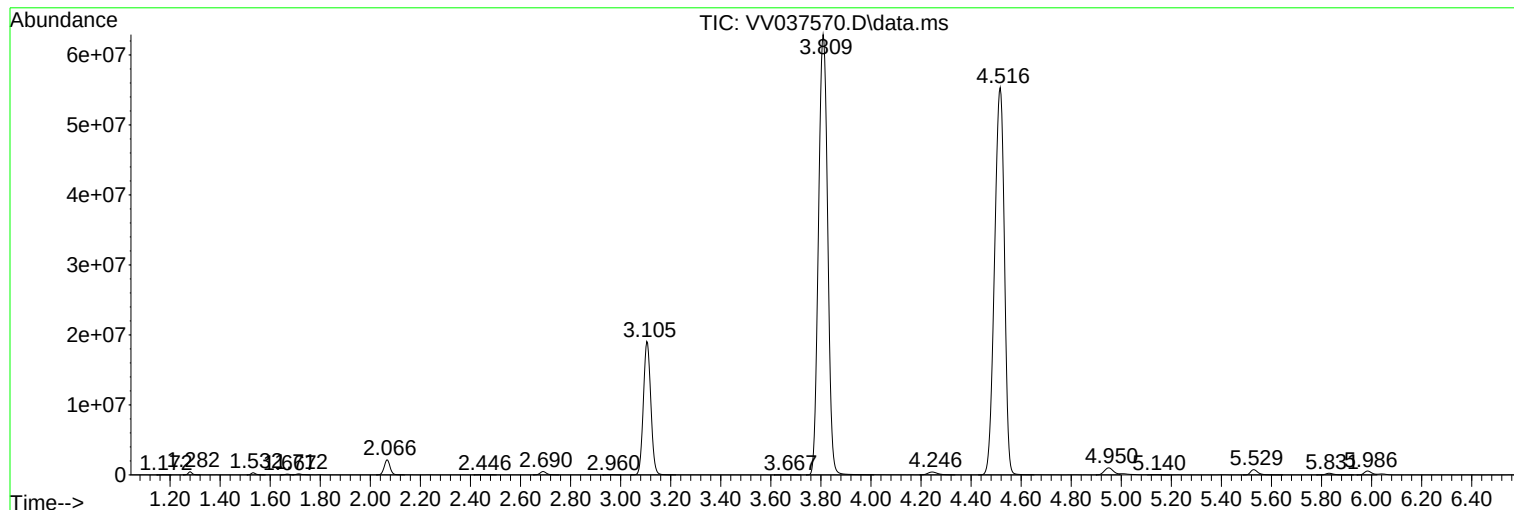
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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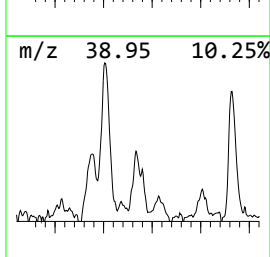
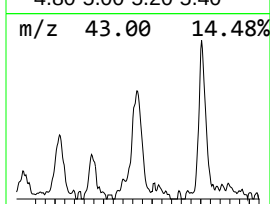
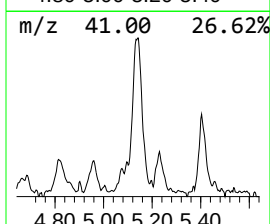
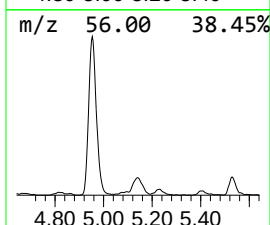
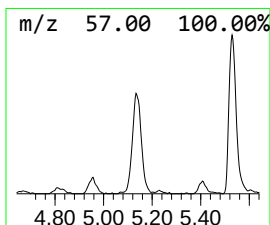
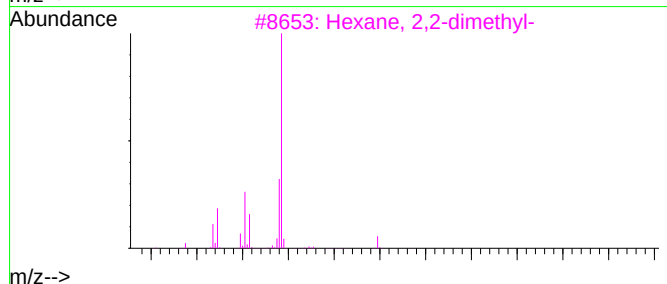
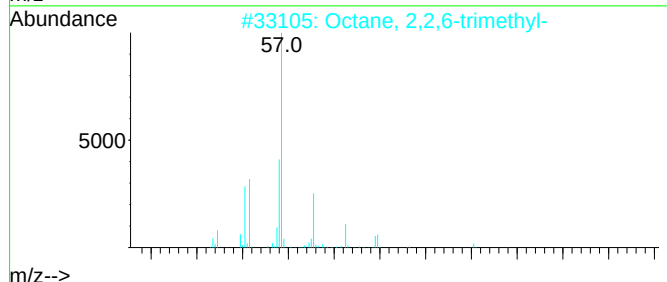
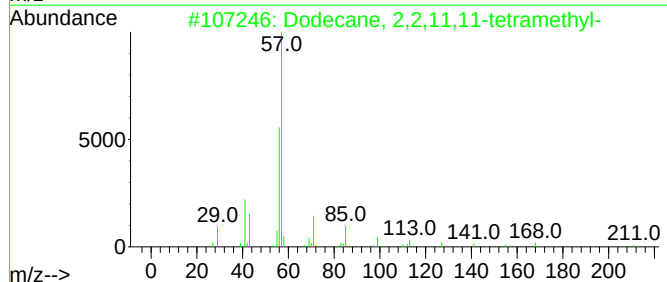
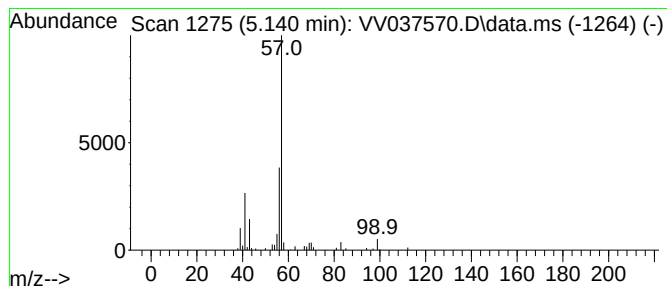
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.140	3.69 ug/L	112950	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	78
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	53
4	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	53
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	45



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Quant Title : VOC Analysis

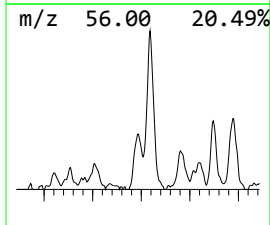
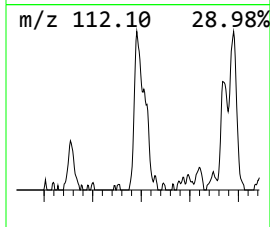
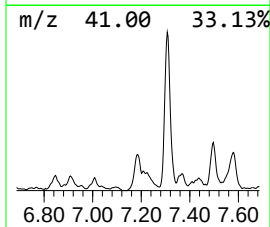
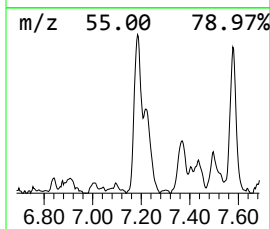
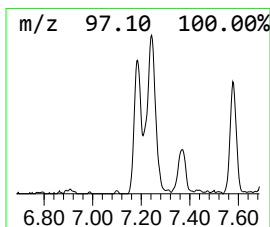
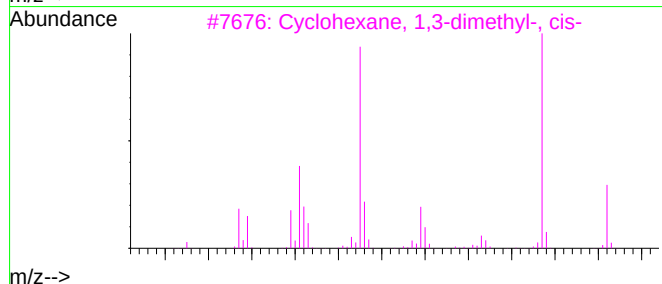
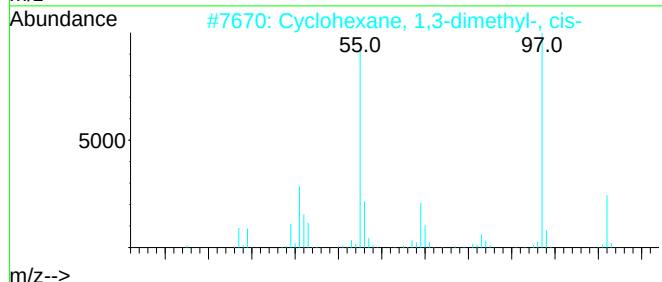
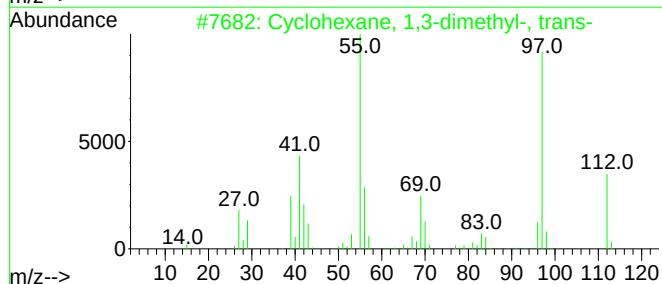
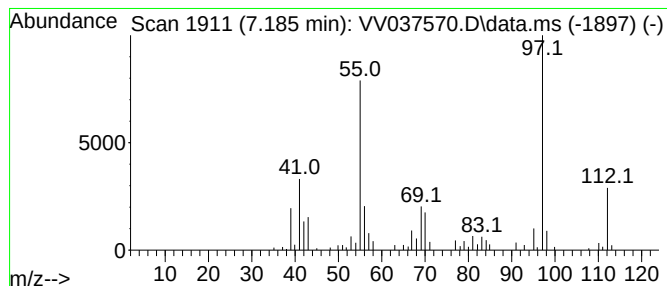
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic7.185 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.185	2.97 ug/L	112359	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

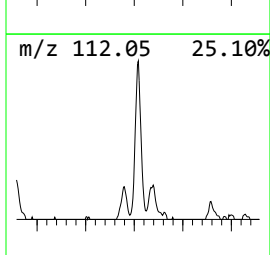
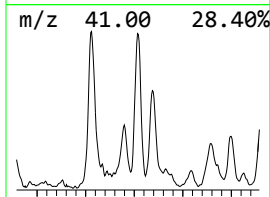
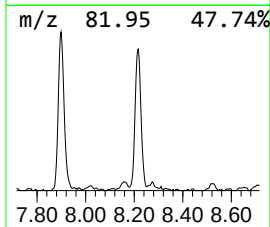
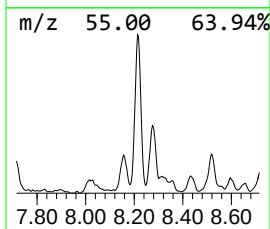
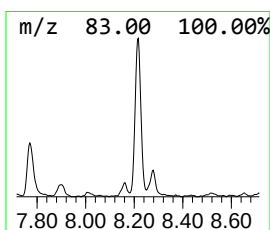
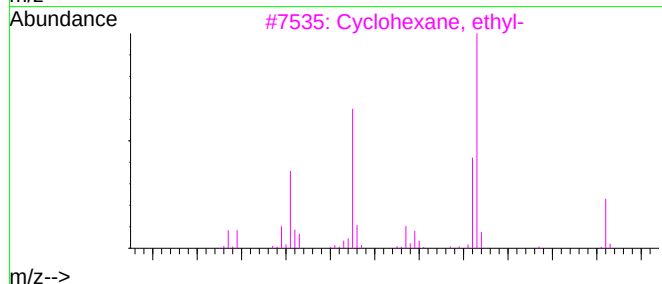
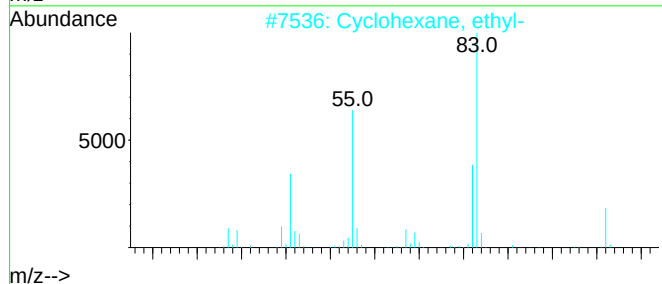
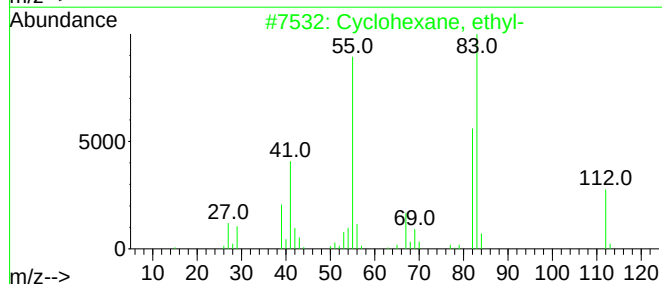
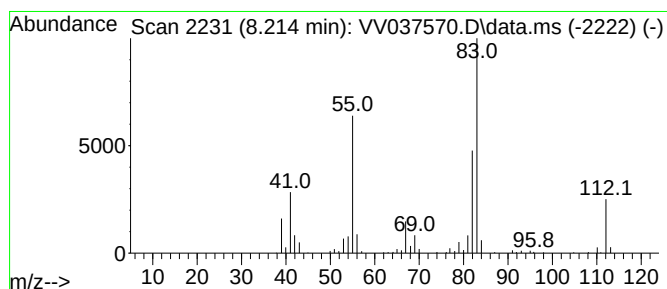
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic8.214 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.214	4.81 ug/L	182164	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	95
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	3-Hexene, 3,4-dimethyl-	112	C8H16	030951-95-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

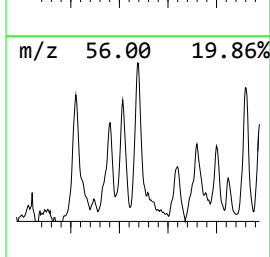
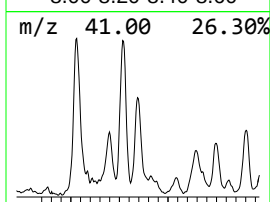
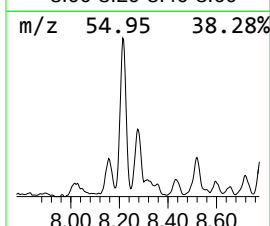
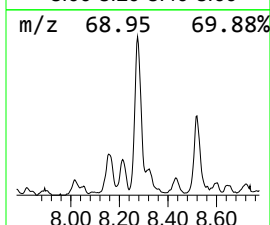
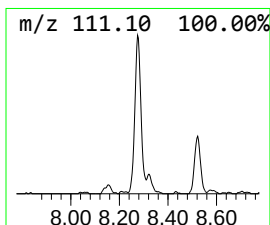
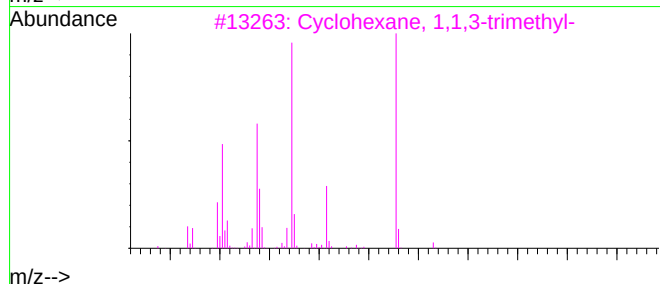
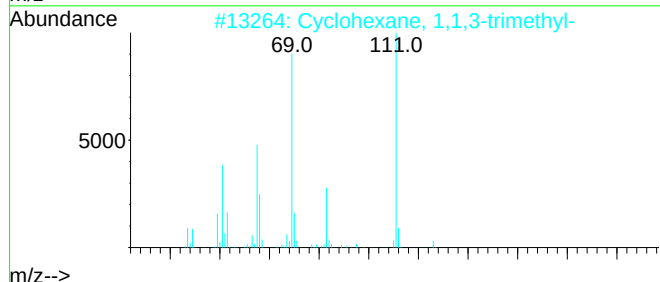
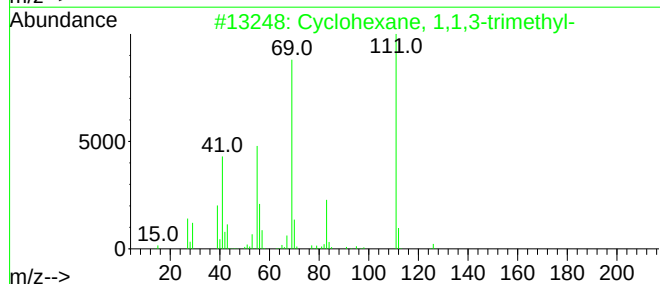
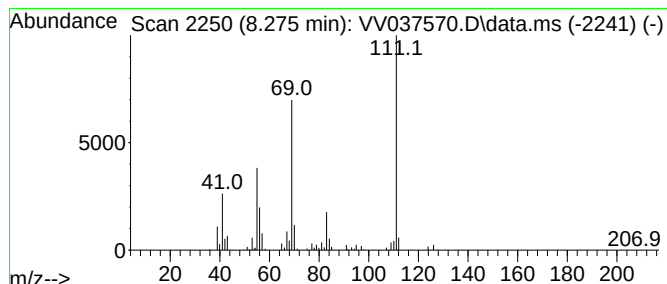
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic8.275 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	3.32 ug/L	125876	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	83
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	58
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

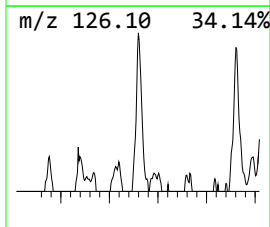
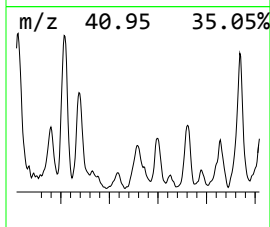
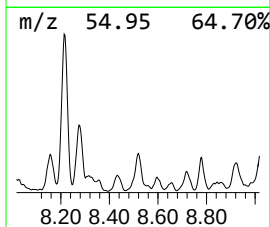
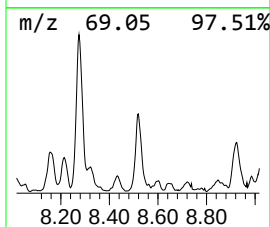
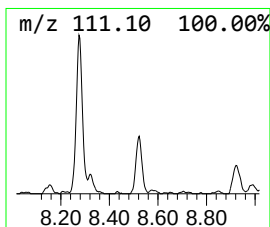
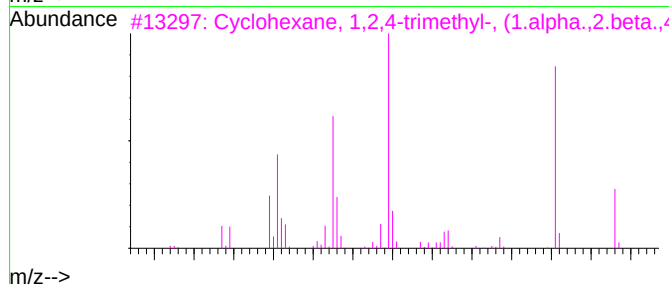
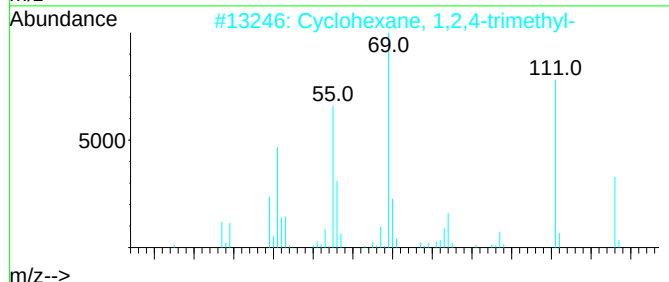
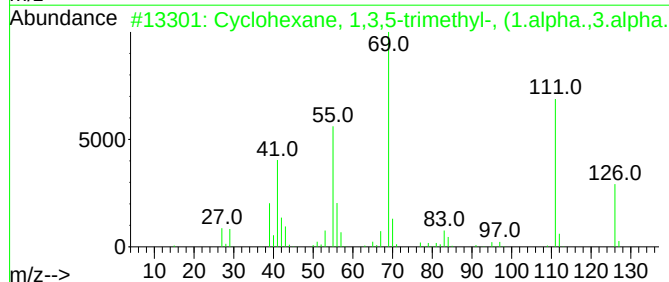
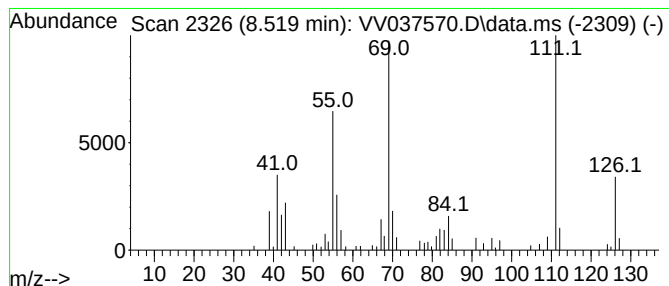
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic8.519 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.519	2.75 ug/L	104095	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	95
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	90
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

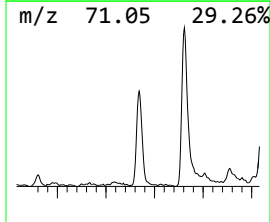
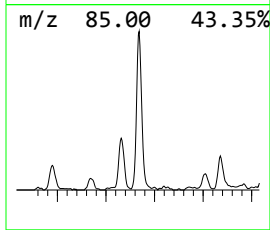
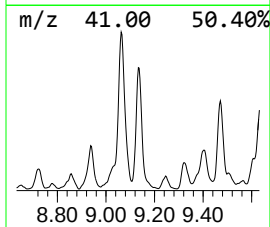
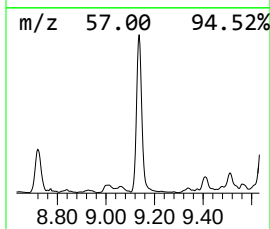
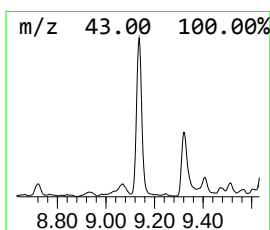
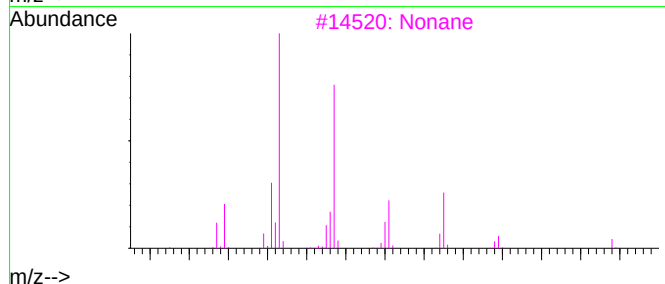
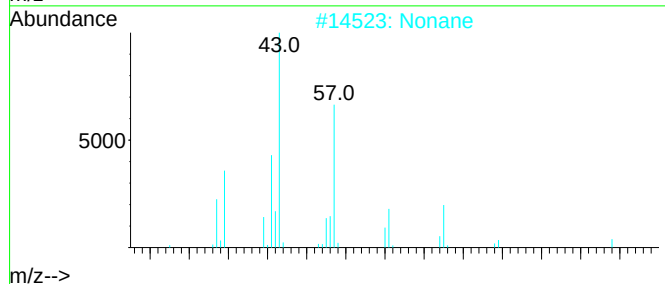
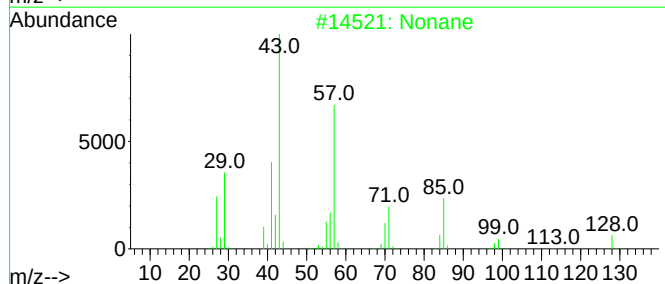
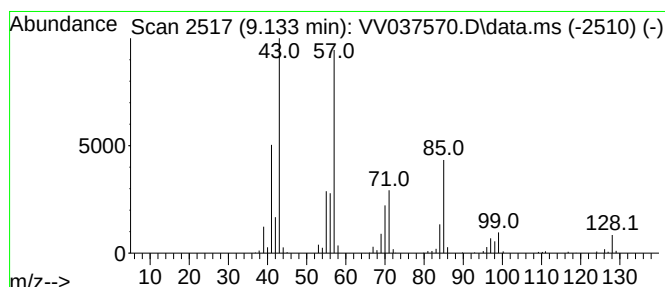
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.133	12.45 ug/L	471499	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Nonane	128	C9H20	000111-84-2	94
3	Nonane	128	C9H20	000111-84-2	91
4	Nonane	128	C9H20	000111-84-2	81
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

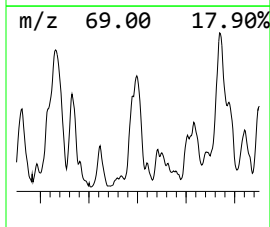
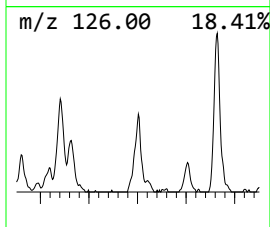
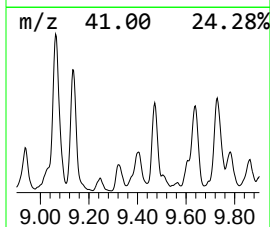
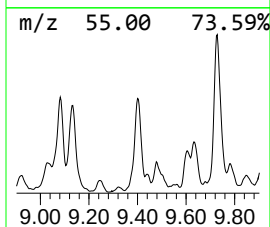
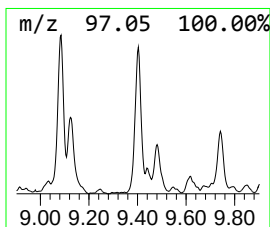
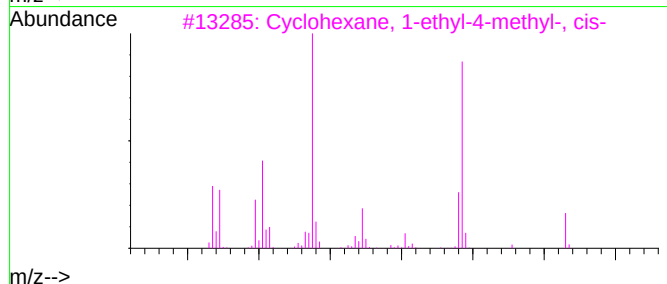
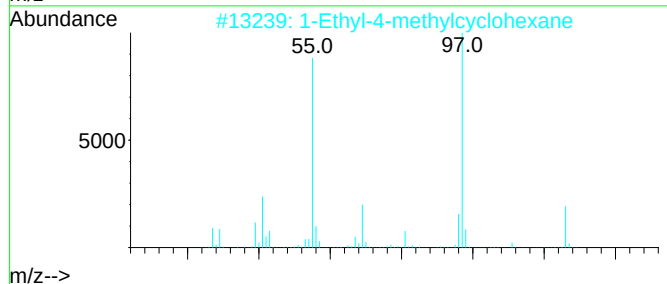
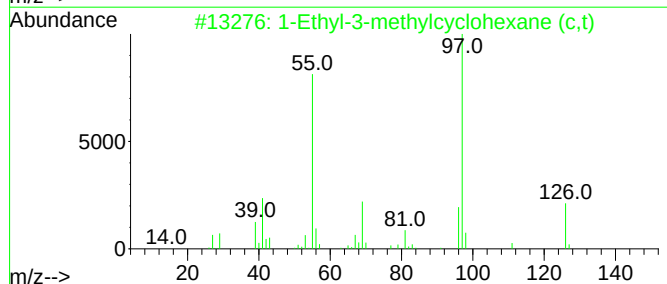
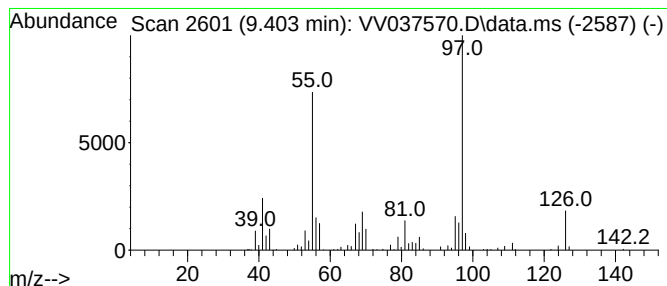
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Cyclic9.403 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.403	6.21 ug/L	235130	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	81
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	81
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

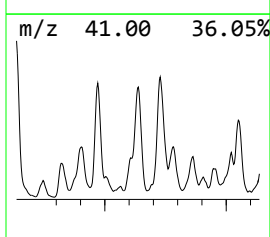
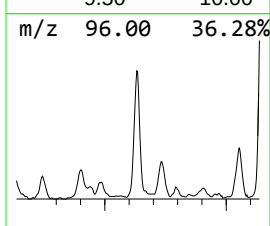
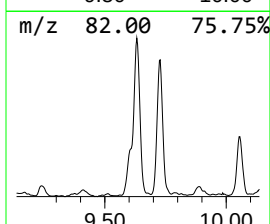
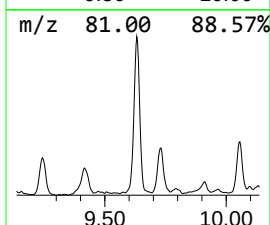
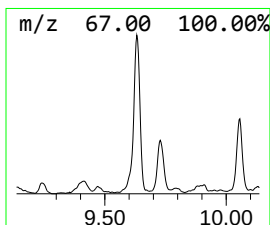
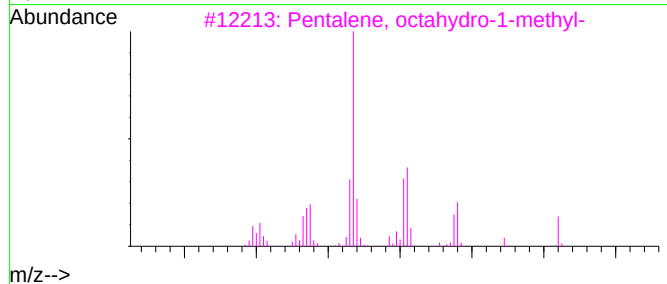
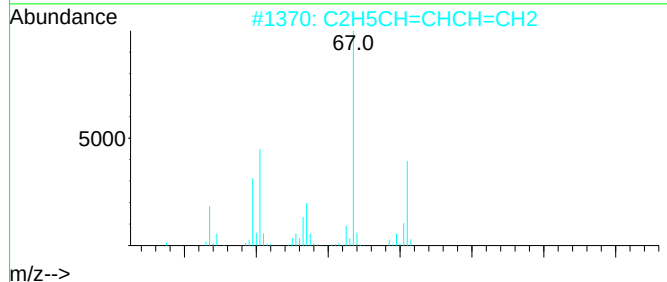
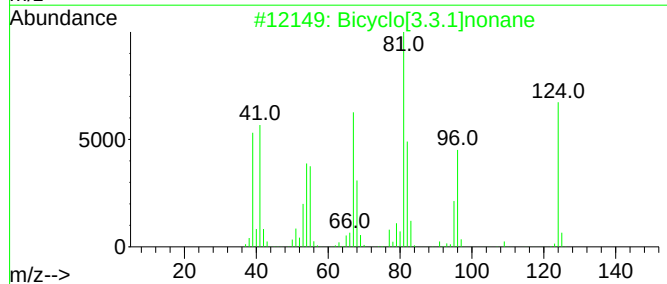
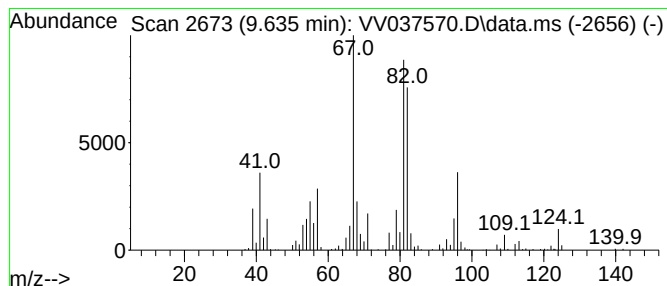
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.635	14.56 ug/L	551236	Chlorobenzene-d5	8.780	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	49
2	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	43
3	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43
4	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	43
5	2-Ethylidenecyclohexanone	124	C8H12O	001122-24-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

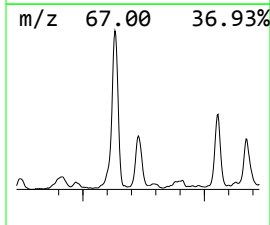
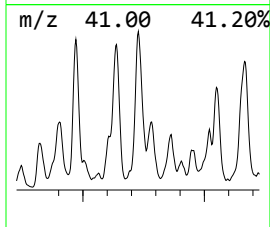
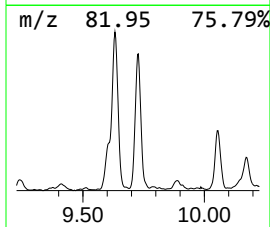
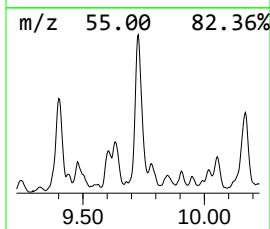
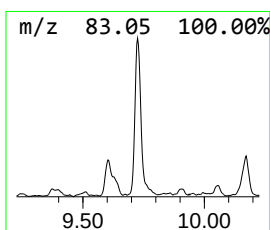
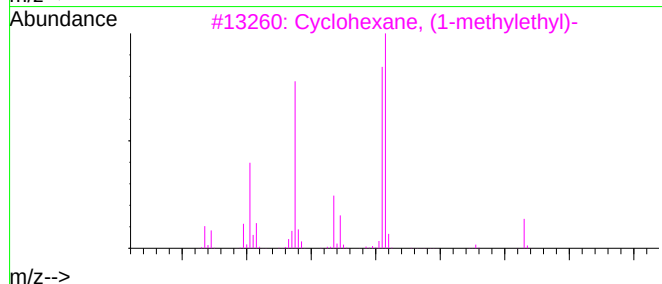
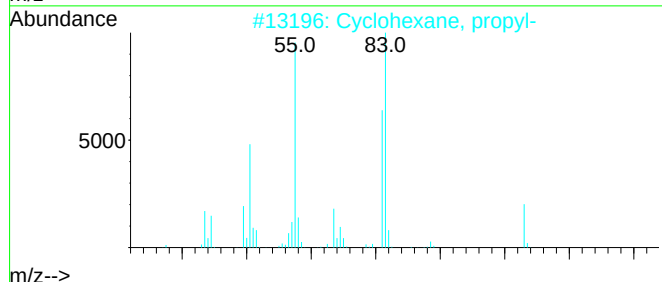
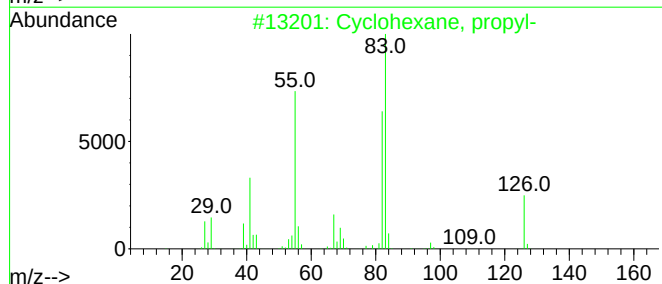
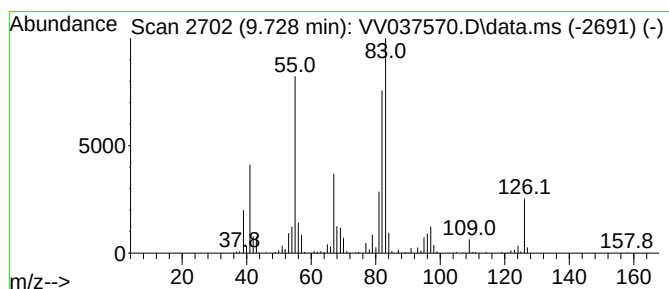
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic9.728 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.728	11.42 ug/L	432552	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

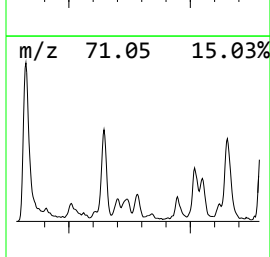
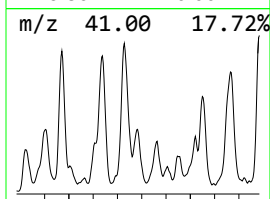
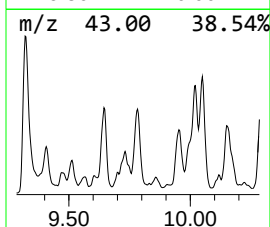
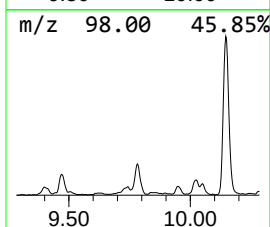
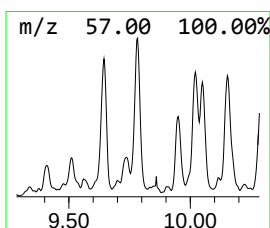
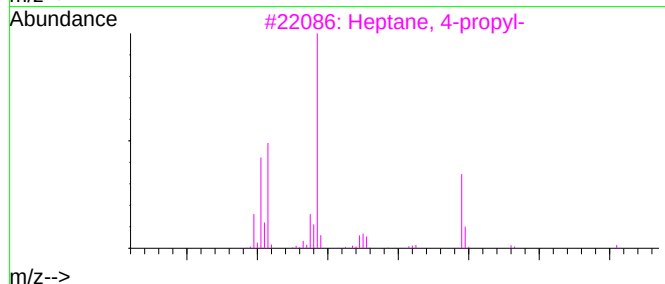
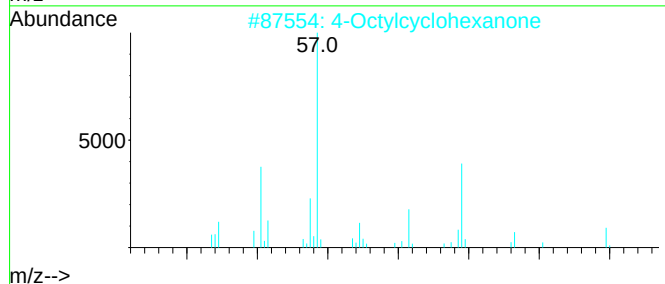
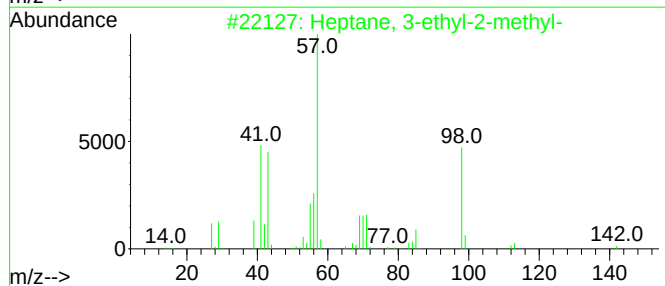
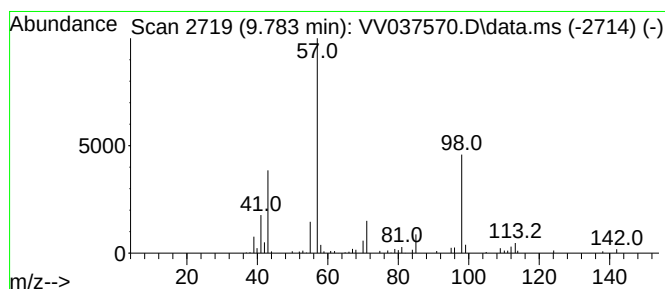
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.783	3.23 ug/L	122323	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
2	4-Octylcyclohexanone	210	C14H26O	1000428-94-1	42
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	38
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	37
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

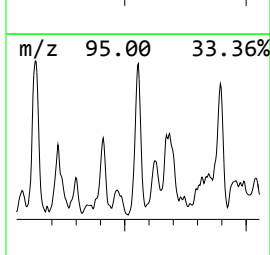
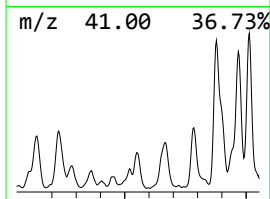
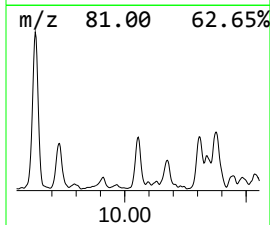
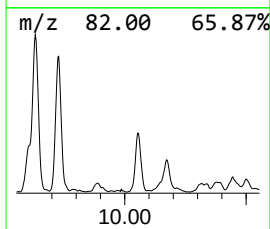
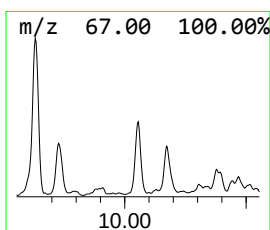
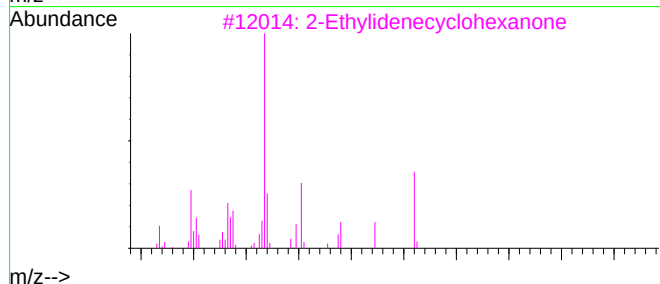
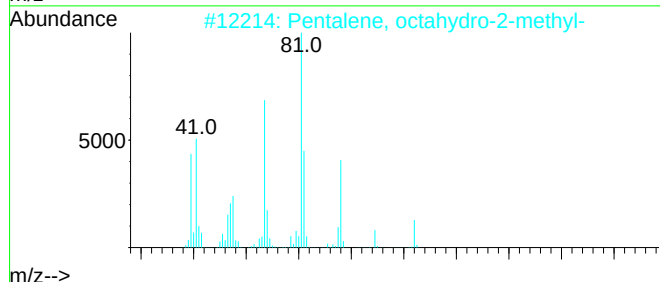
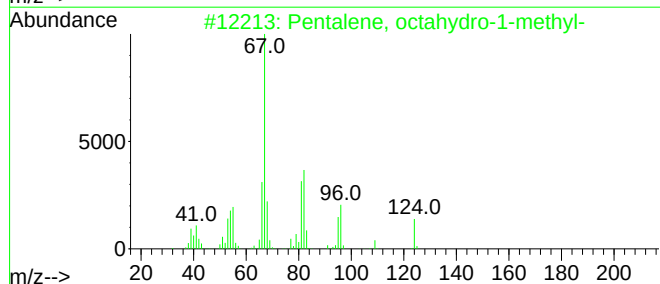
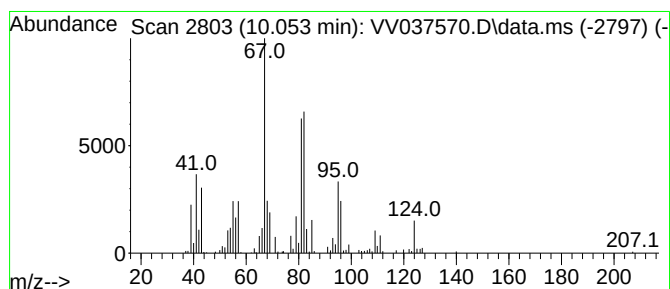
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentalene, octahydro-1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.053	5.30 ug/L	267959	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	74
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
3	2-Ethylidenecyclohexanone	124	C8H12O	001122-24-3	64
4	4-Octyne, 2-methyl-	124	C9H16	010306-94-2	60
5	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

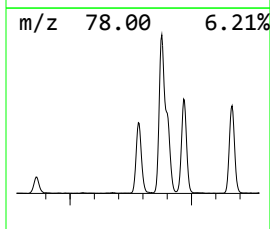
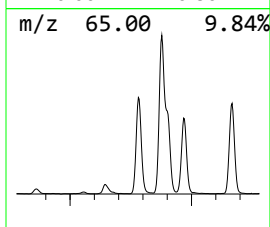
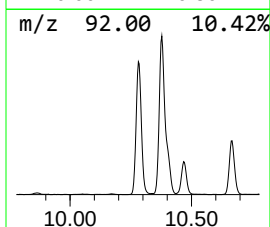
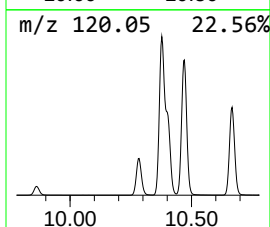
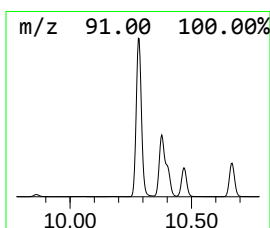
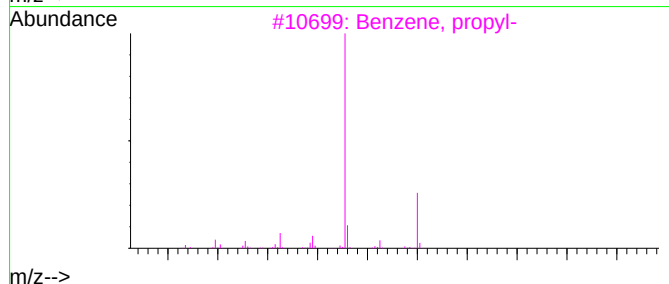
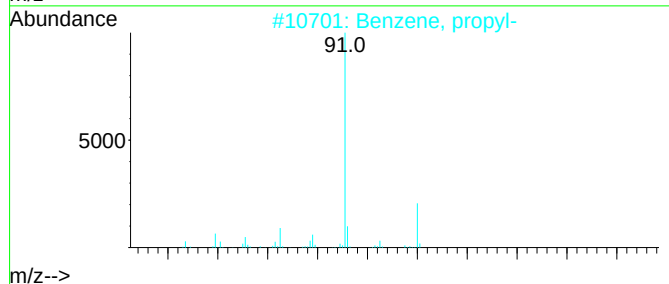
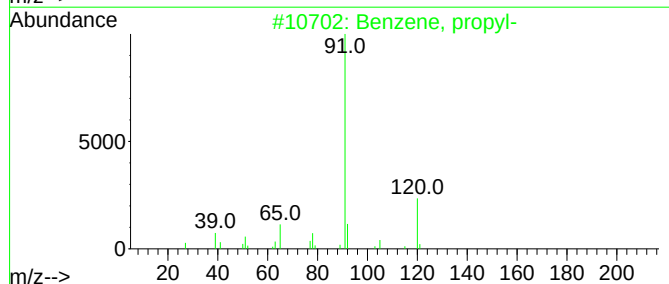
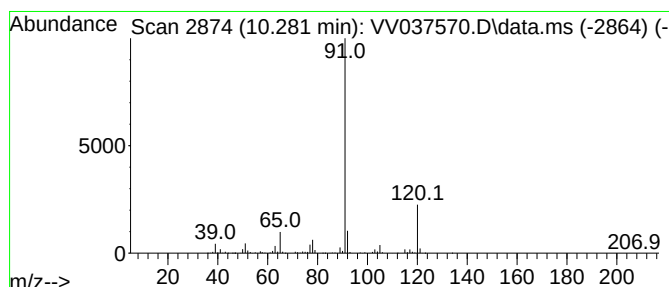
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.281	57.85 ug/L	2923950	1,4-Dichlorobenzene-d4		11.178	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, propyl-		120	C9H12	000103-65-1	93
2	Benzene, propyl-		120	C9H12	000103-65-1	90
3	Benzene, propyl-		120	C9H12	000103-65-1	90
4	Benzyl(2-chloroethyl)amine		169	C9H12ClN	042074-16-8	64
5	1,2-Ethanediamine, N,N'-bis(phen...		240	C16H20N2	000140-28-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

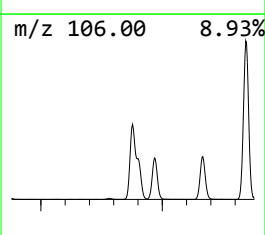
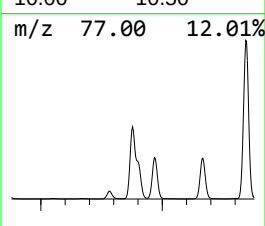
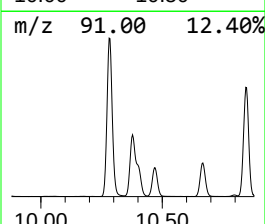
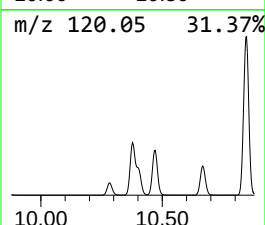
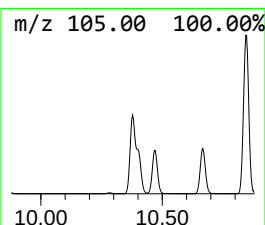
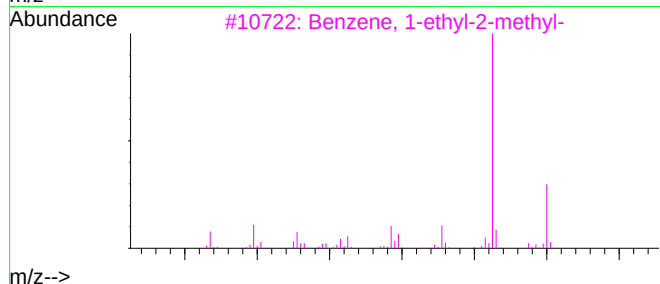
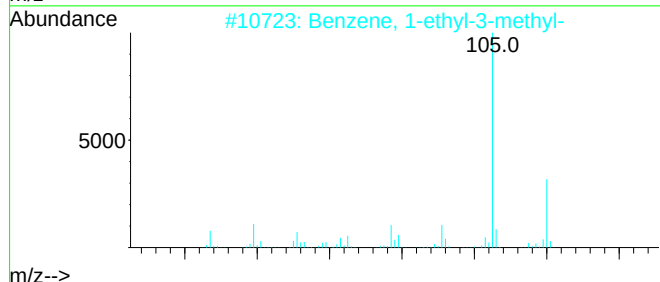
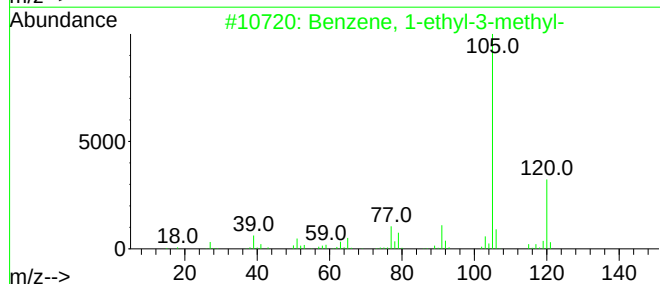
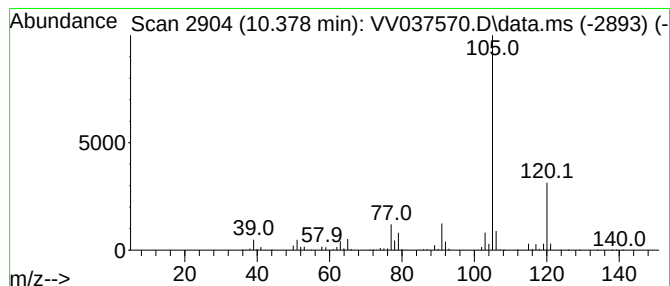
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.378	300.66 ug/L	15195300	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

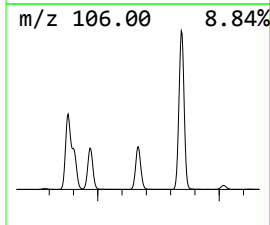
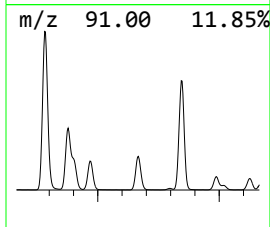
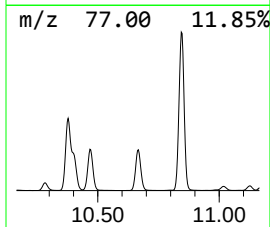
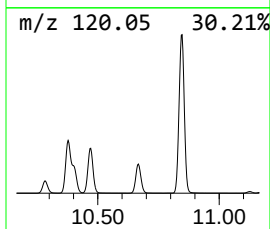
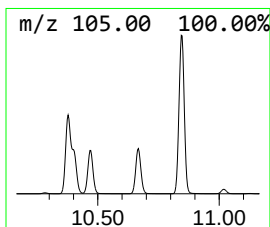
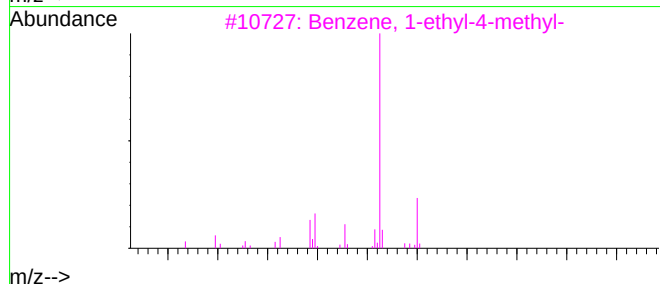
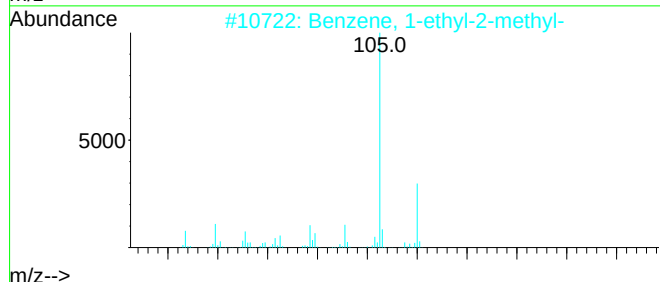
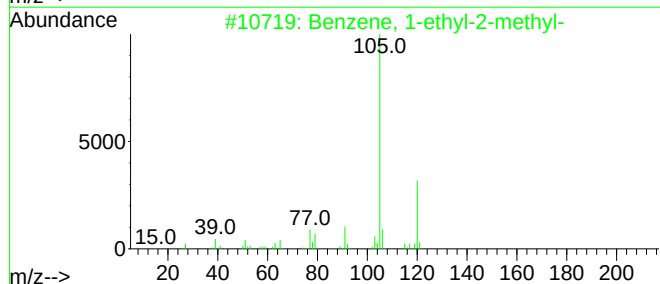
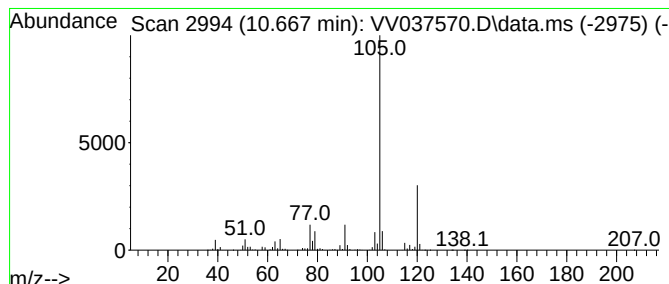
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 17 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.667	122.52 ug/L	6191860	1,4-Dichlorobenzene-d4	11.178	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

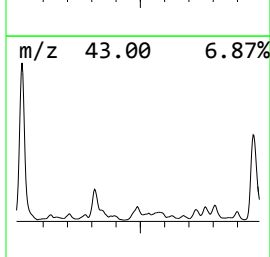
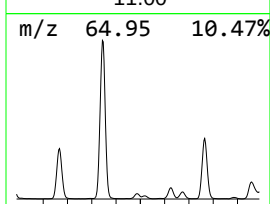
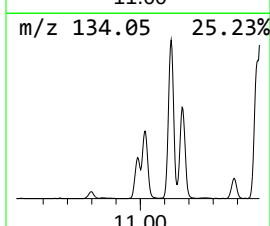
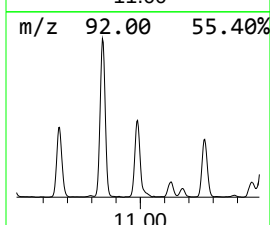
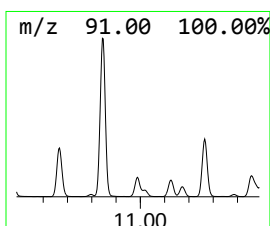
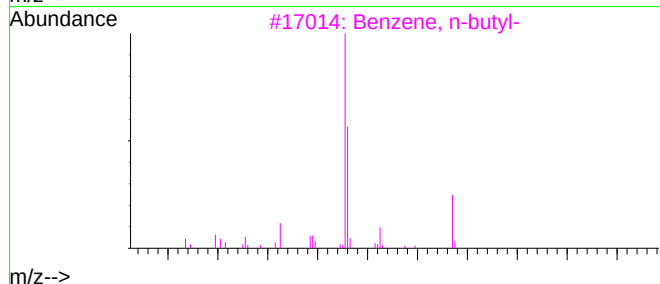
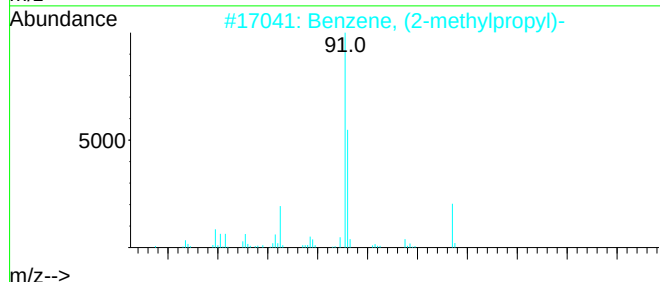
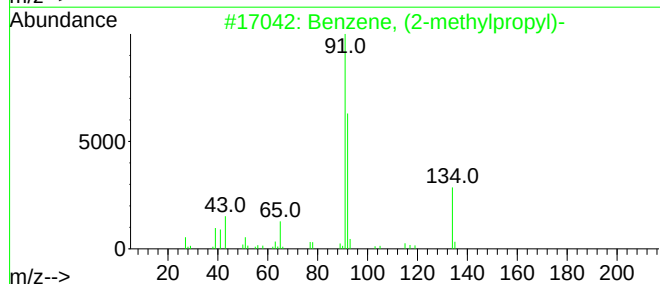
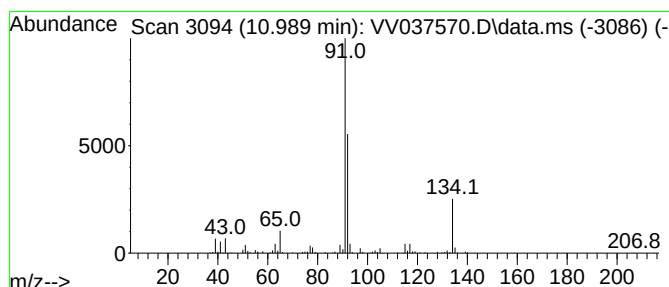
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, (2-methylpropyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.989	5.53 ug/L	279279	1,4-Dichlorobenzene-d4		11.178	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-		134	C10H14	000538-93-2	87
2	Benzene, (2-methylpropyl)-		134	C10H14	000538-93-2	83
3	Benzene, n-butyl-		134	C10H14	000104-51-8	80
4	Benzene, (2-methylpropyl)-		134	C10H14	000538-93-2	80
5	Benzene, (2-methylpropyl)-		134	C10H14	000538-93-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

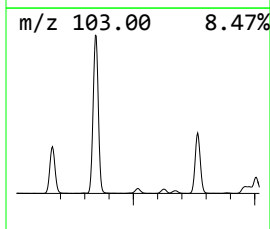
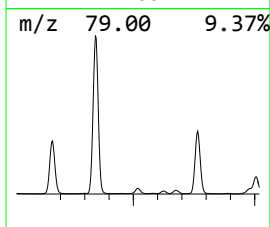
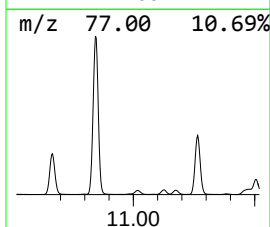
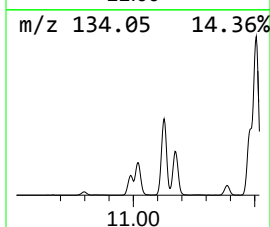
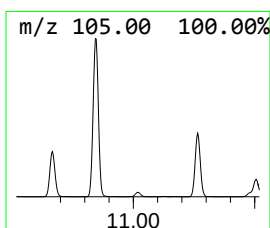
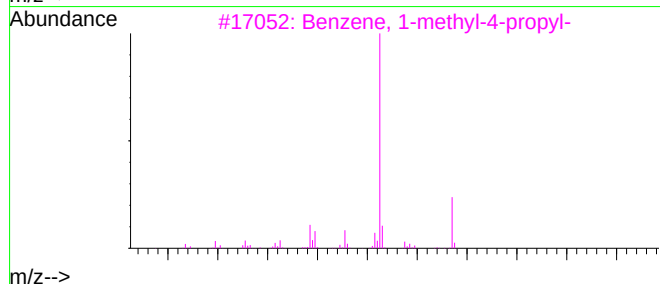
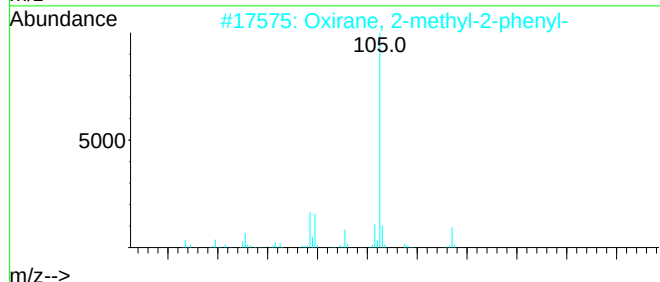
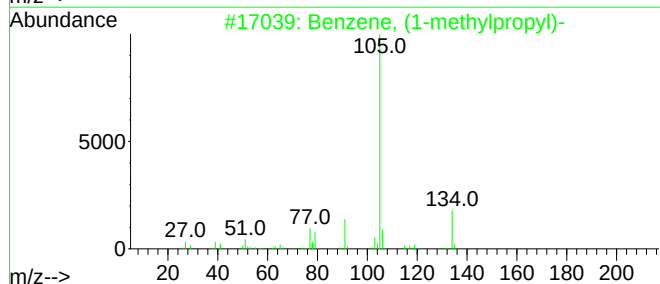
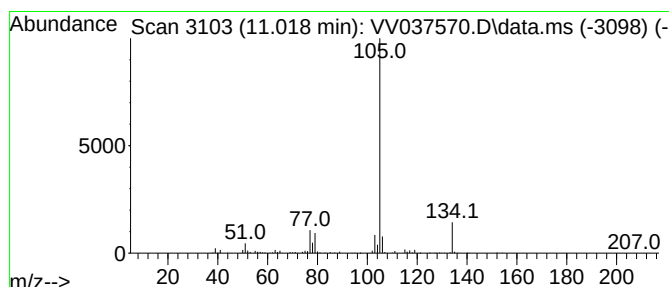
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzene, (1-methylpropyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	11.08 ug/L	559903	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	80
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

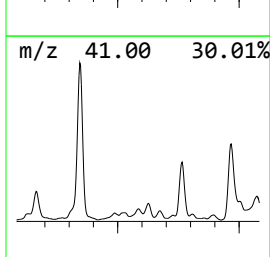
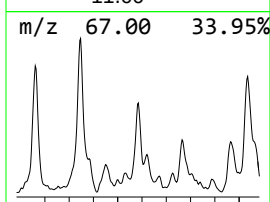
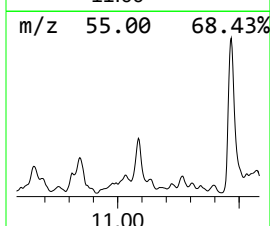
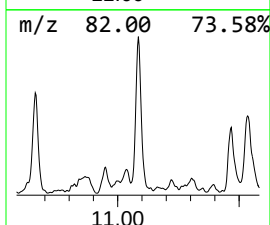
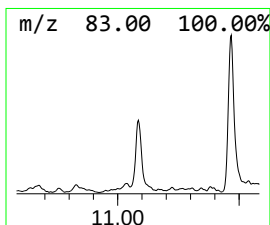
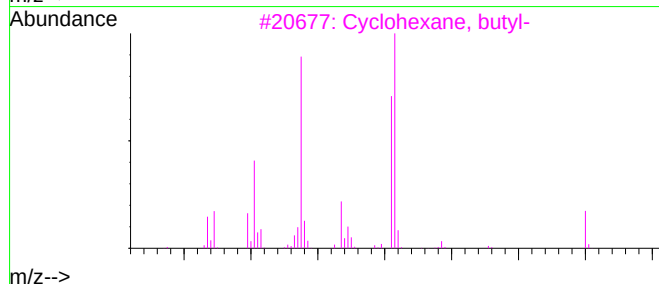
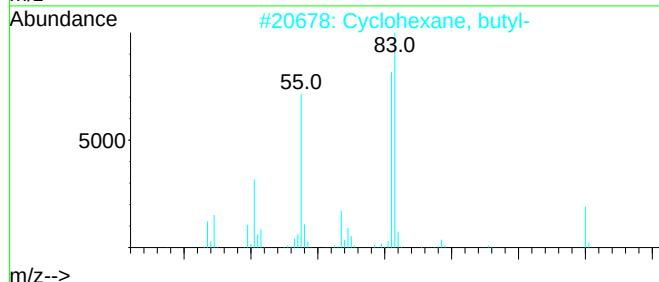
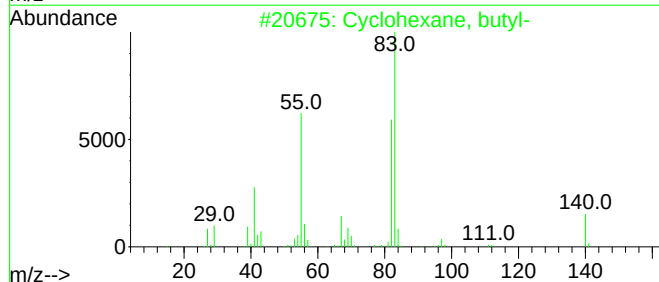
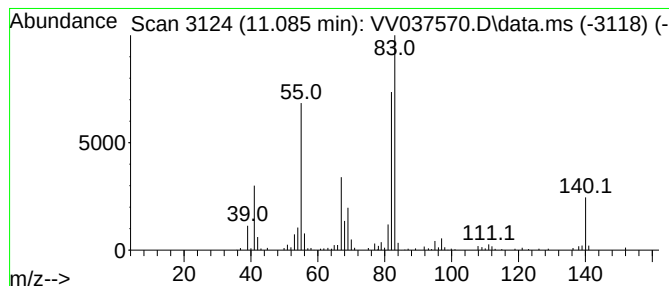
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Cyclic11.085 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	2.78 ug/L	140499	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	64
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

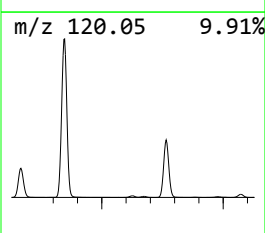
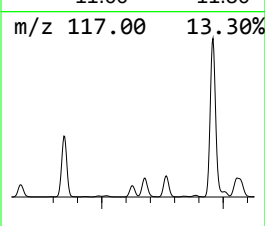
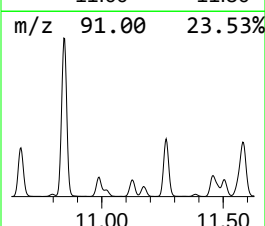
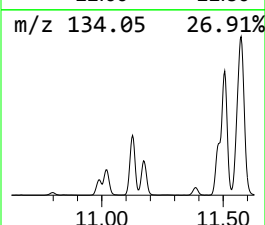
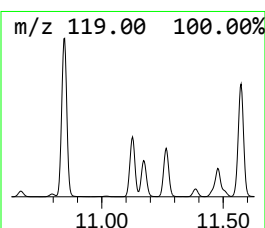
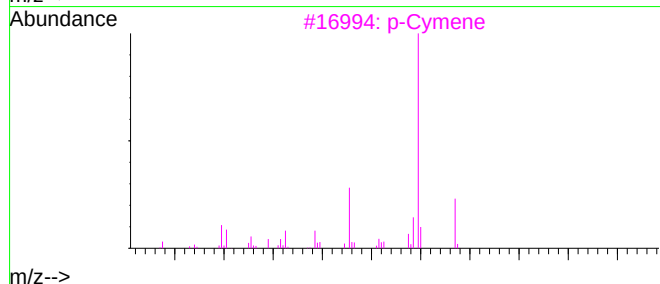
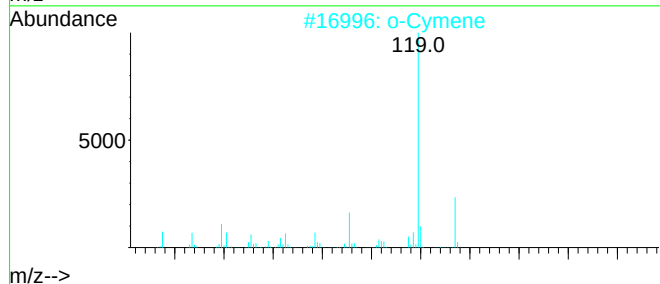
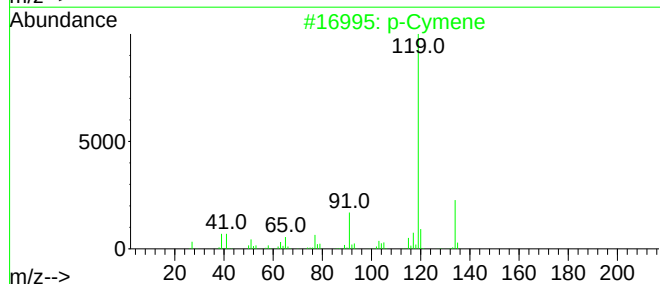
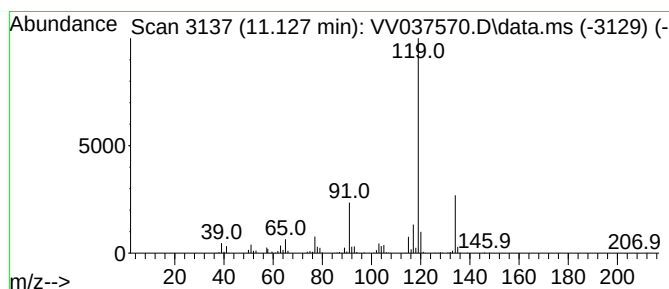
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 21 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.127	21.82 ug/L	1102750	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

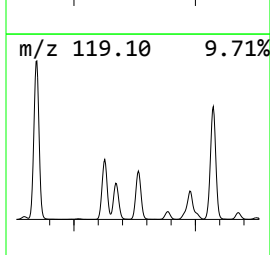
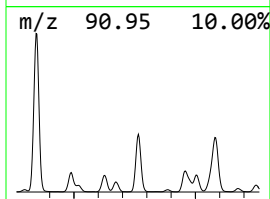
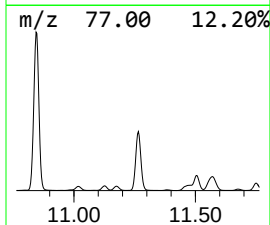
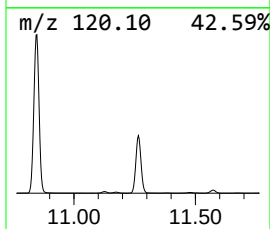
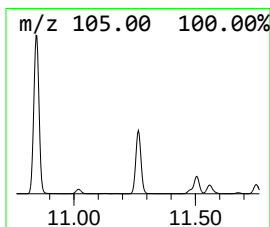
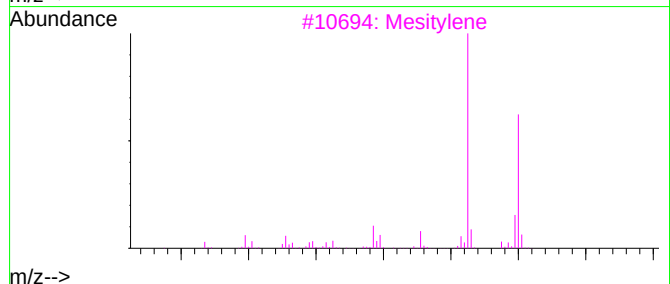
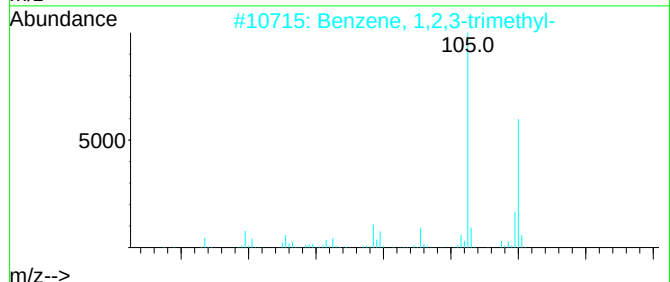
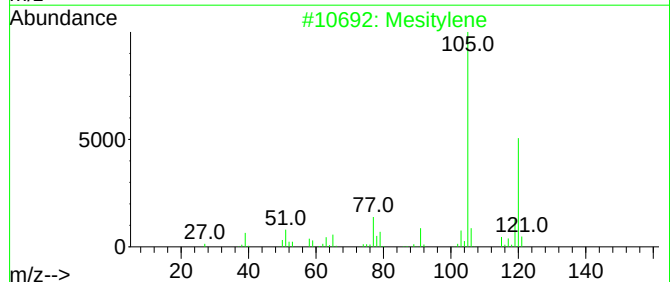
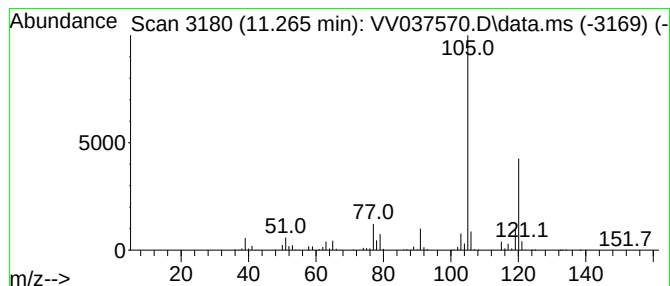
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.265	180.32 ug/L	9113460	1,4-Dichlorobenzene-d4		11.178	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	95
3	Mesitylene		120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

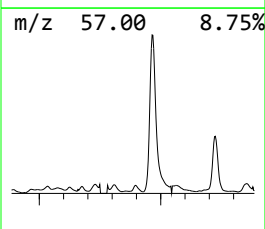
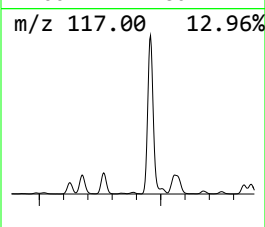
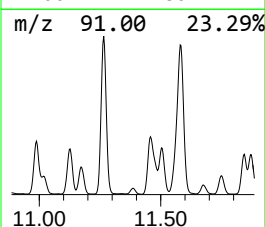
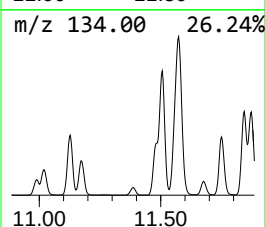
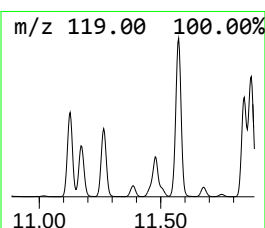
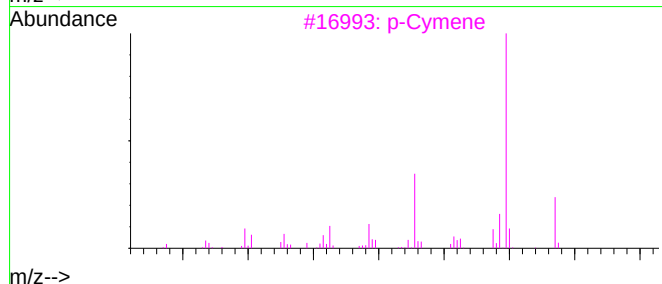
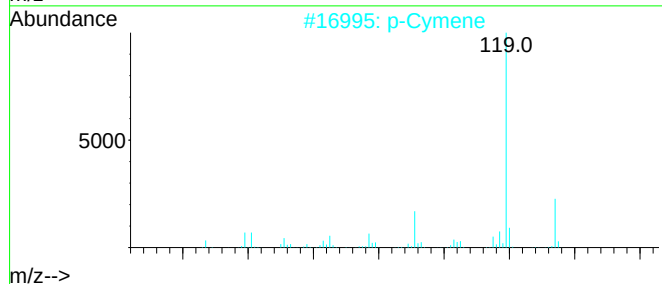
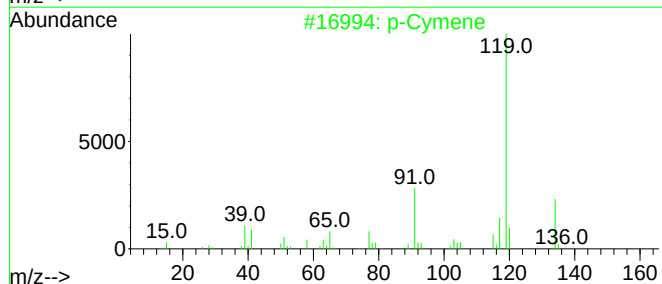
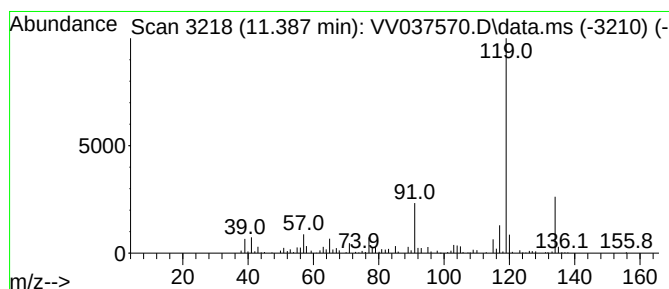
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 23 Benzene, 1-methyl-3-(1-meth... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.387	4.29 ug/L	216780	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	p-Cymene	134	C10H14	000099-87-6	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

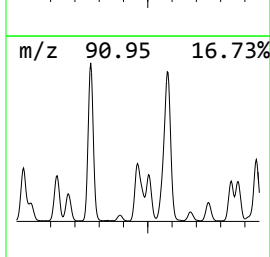
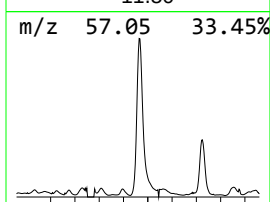
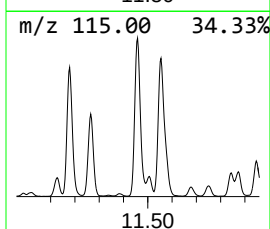
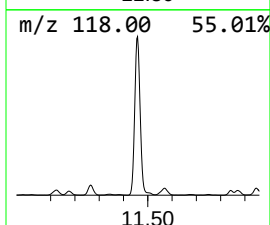
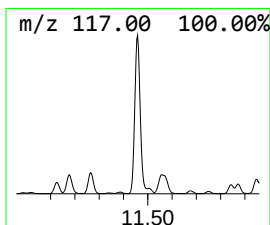
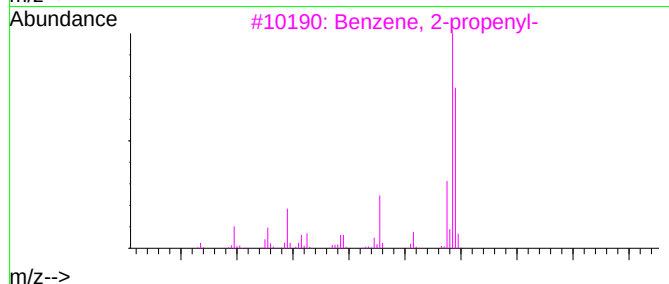
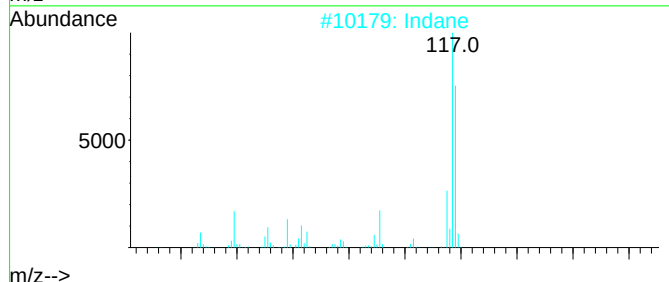
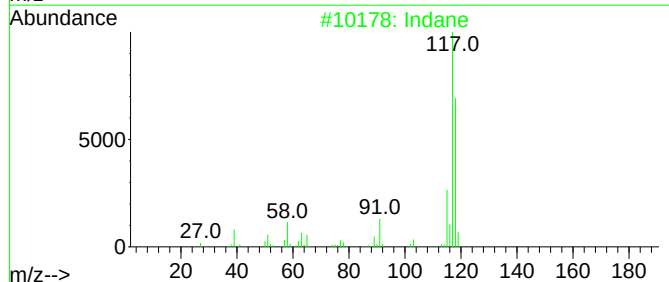
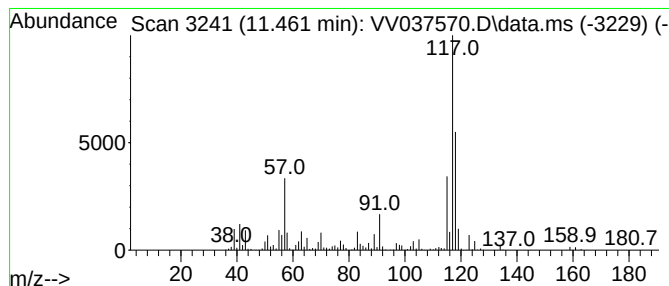
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 24 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.461	86.10 ug/L	4351640	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	90
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

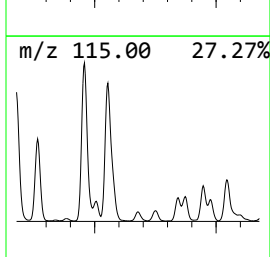
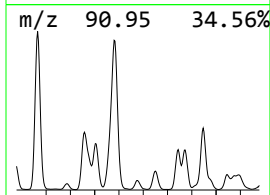
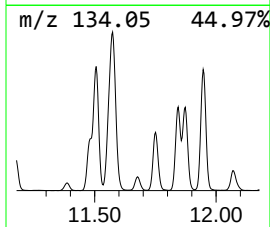
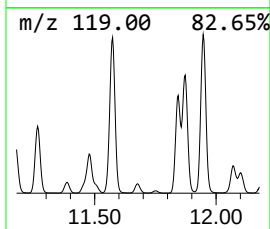
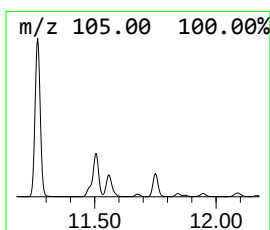
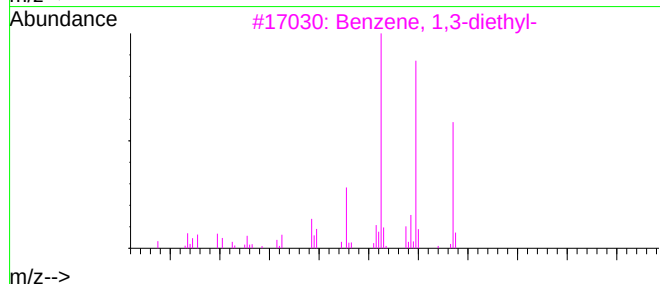
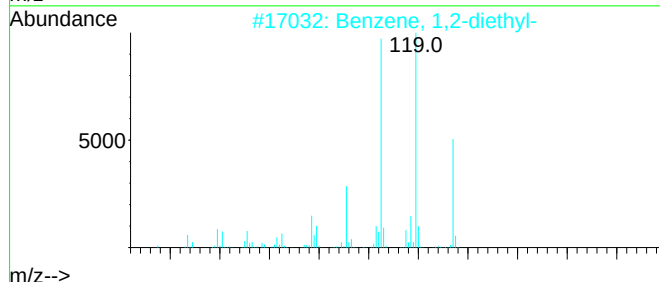
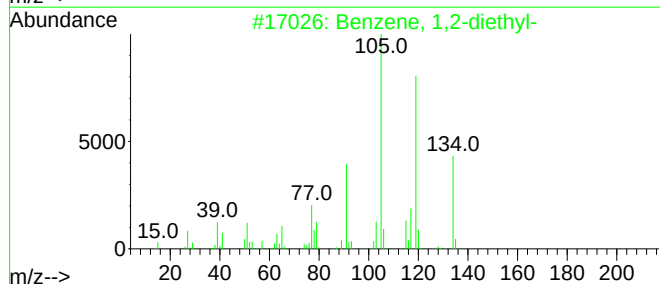
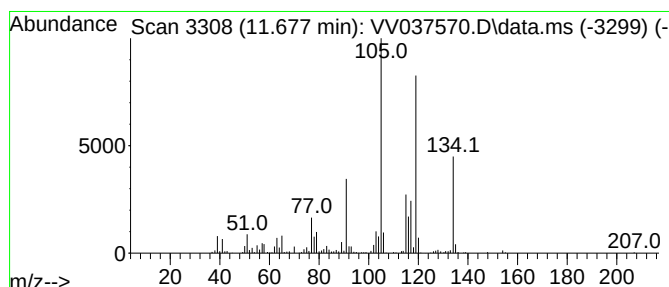
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 25 Benzene, 1,2-diethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.677	6.00 ug/L	303059	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

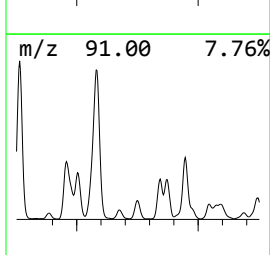
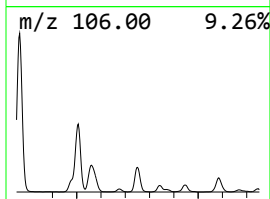
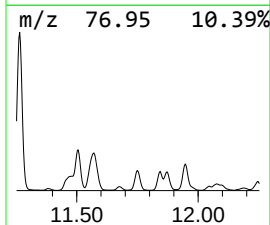
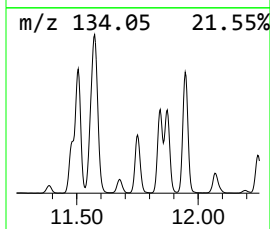
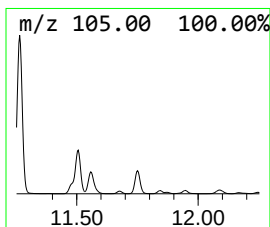
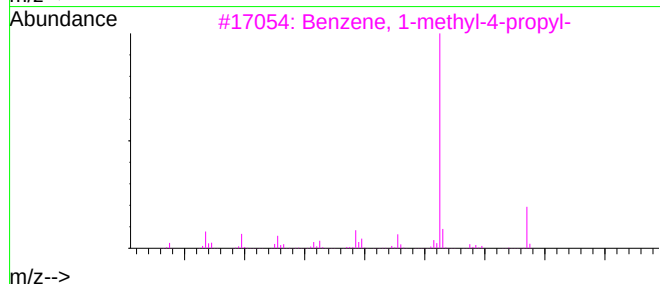
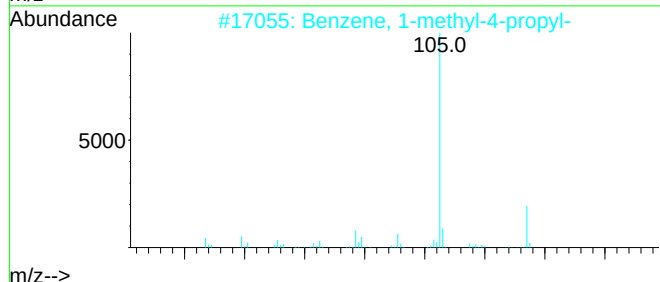
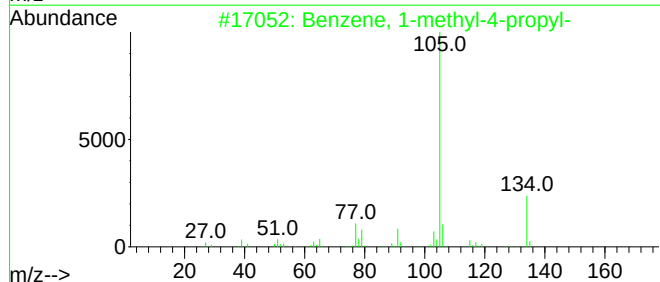
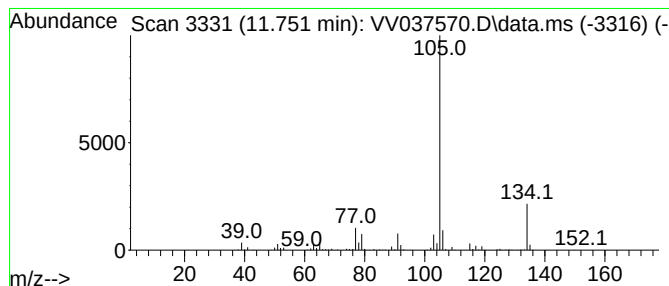
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 26 Benzene, 1-methyl-4-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	32.59 ug/L	1646960	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

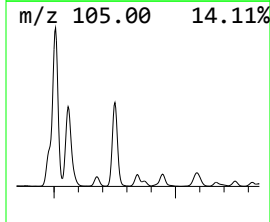
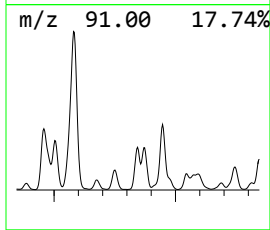
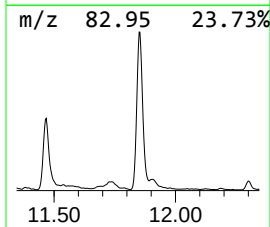
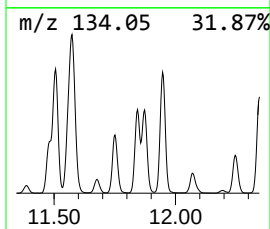
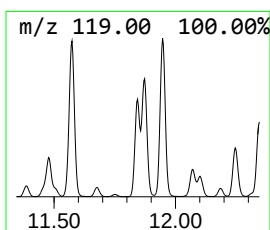
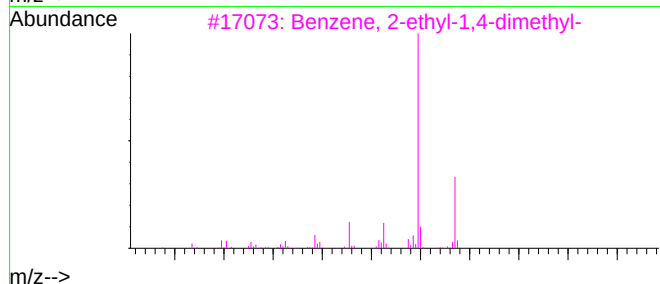
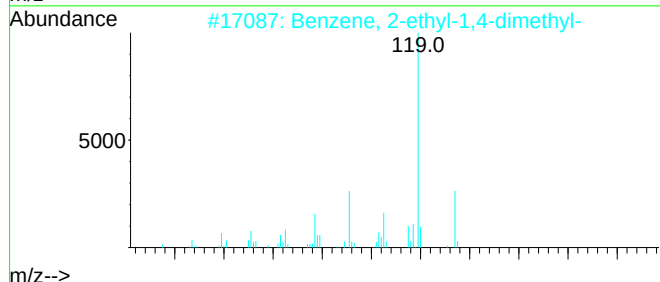
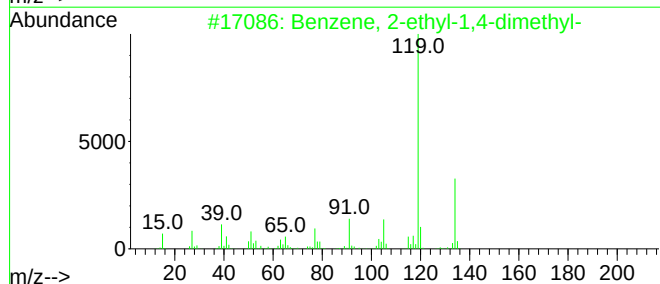
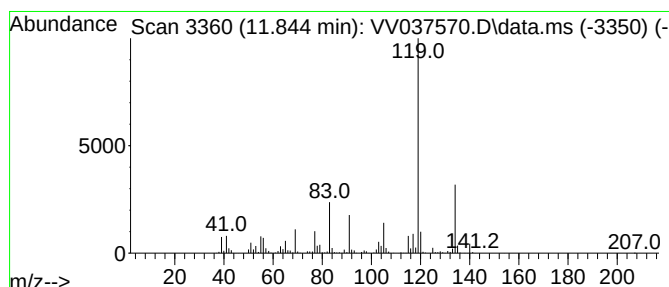
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.844	37.57 ug/L	1898630	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

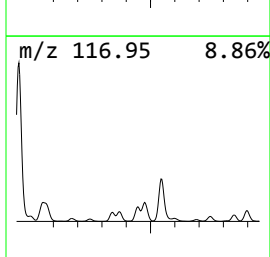
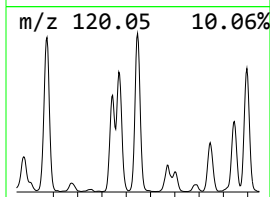
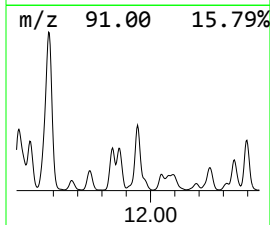
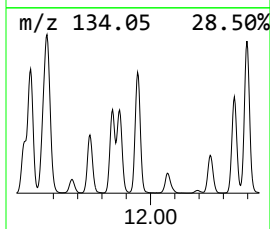
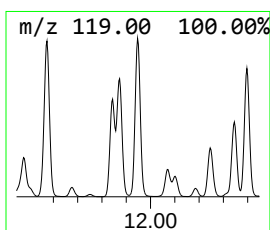
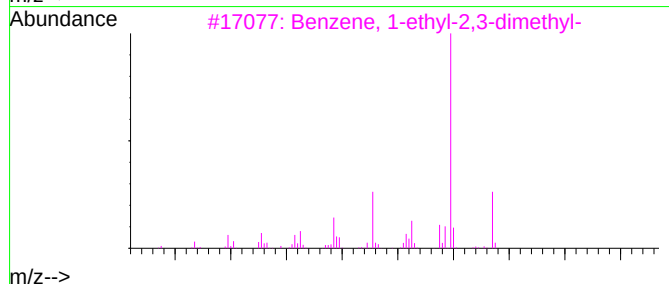
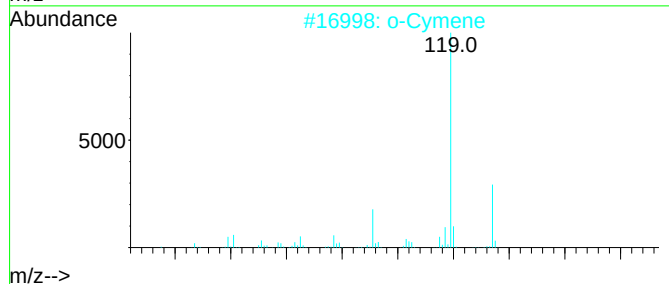
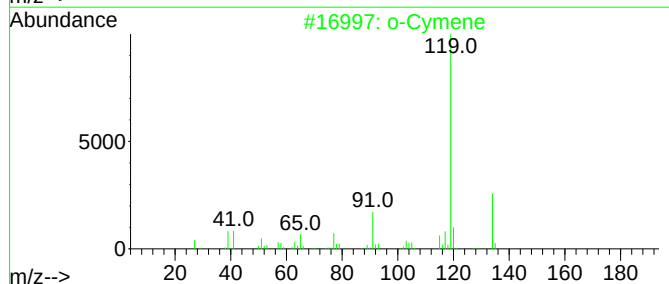
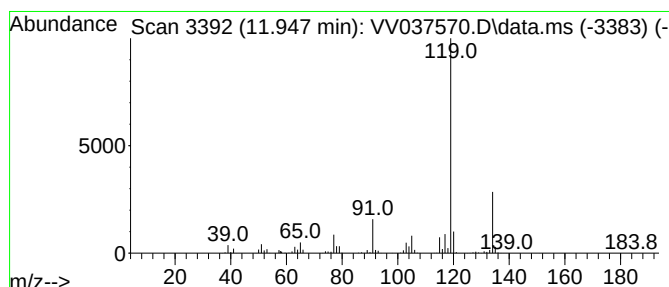
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 28 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.947	48.61 ug/L	2456880	1,4-Dichlorobenzene-d4			11.178
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	97
2		o-Cymene	134	C10H14	000527-84-4	97
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

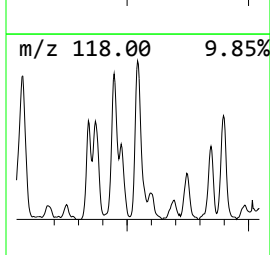
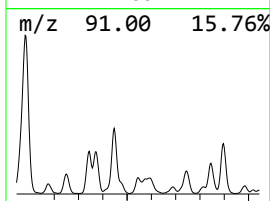
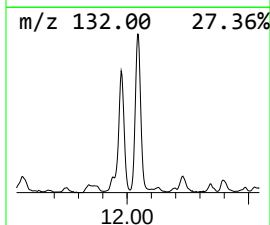
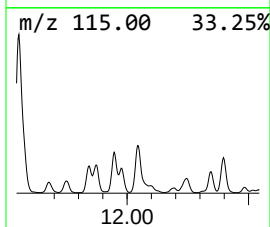
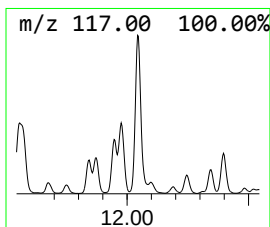
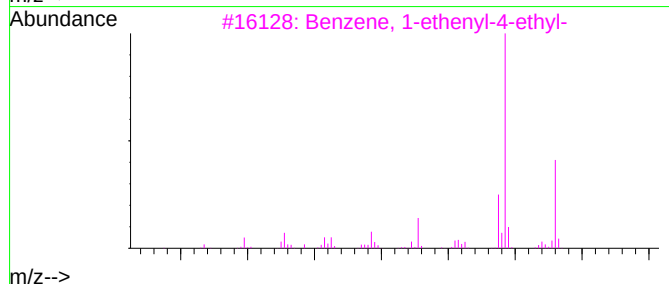
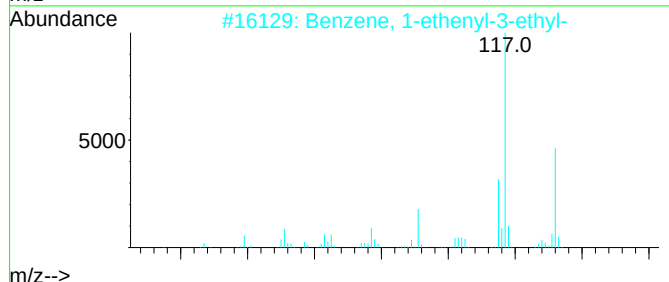
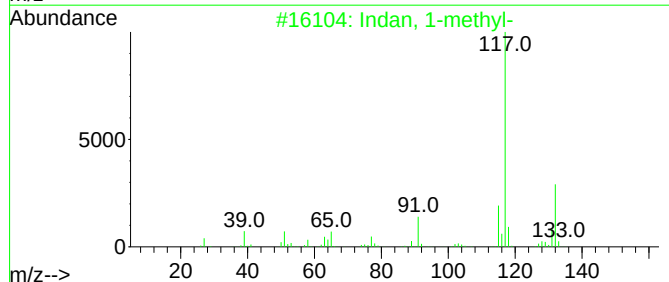
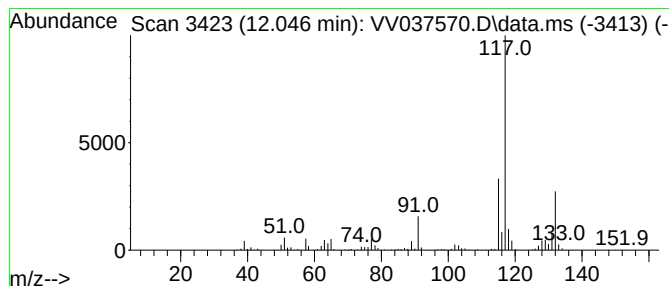
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 29 Indan, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.046	12.14 ug/L	613482	1,4-Dichlorobenzene-d4		11.178	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-		132	C10H12	000767-58-8	87
2	Benzene, 1-ethenyl-3-ethyl-		132	C10H12	007525-62-4	87
3	Benzene, 1-ethenyl-4-ethyl-		132	C10H12	003454-07-7	86
4	1-Phenyl-1-butene		132	C10H12	000824-90-8	83
5	3-Phenylbut-1-ene		132	C10H12	000934-10-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

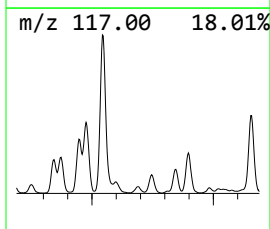
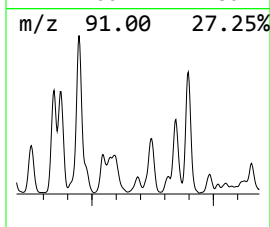
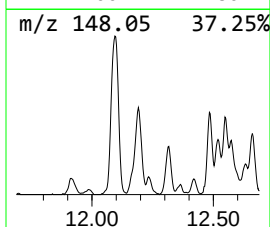
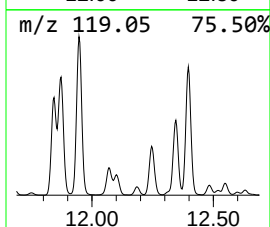
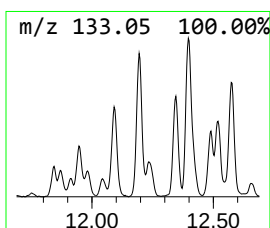
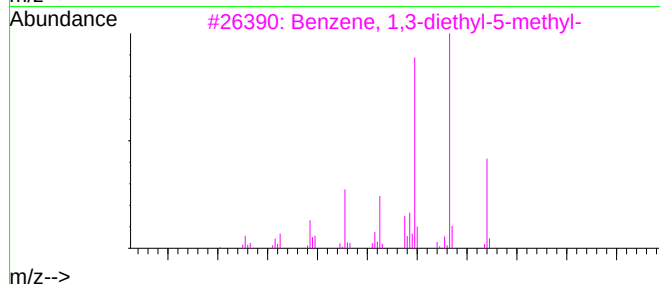
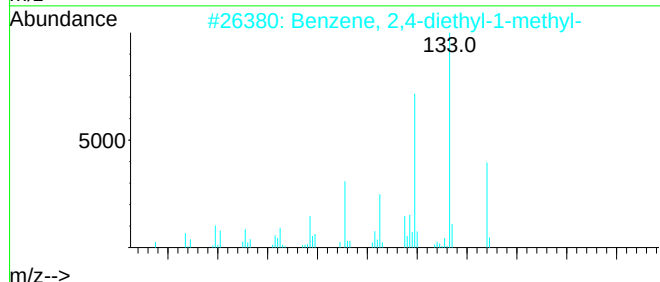
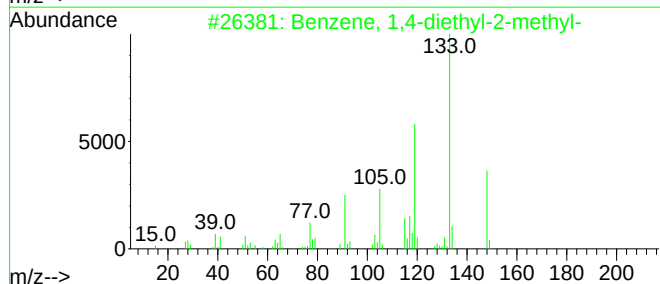
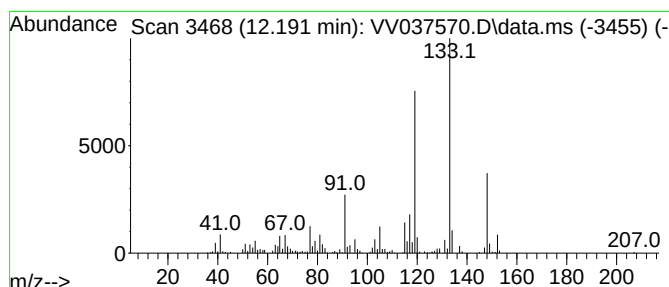
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 30 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.191	5.94 ug/L	300025	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	93
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
5	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

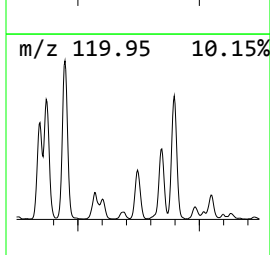
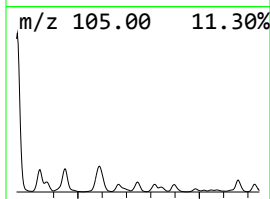
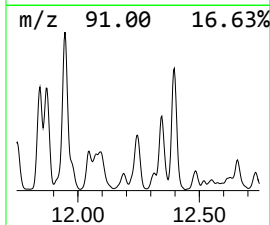
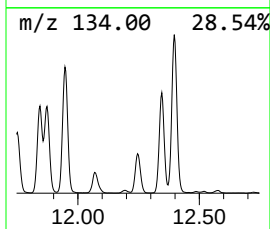
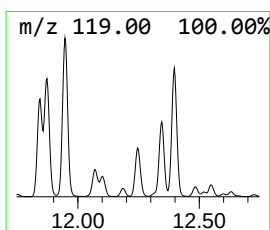
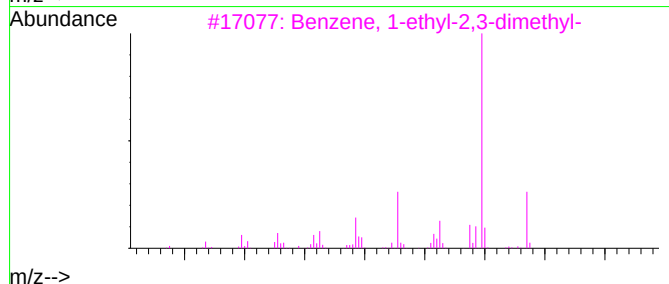
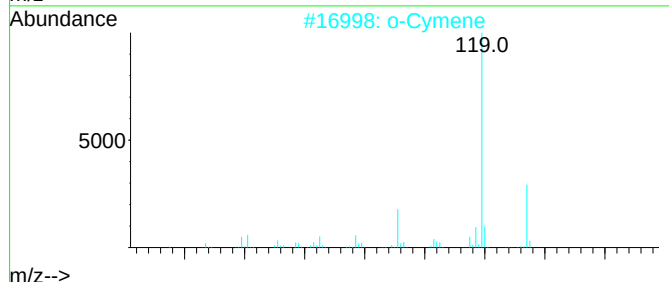
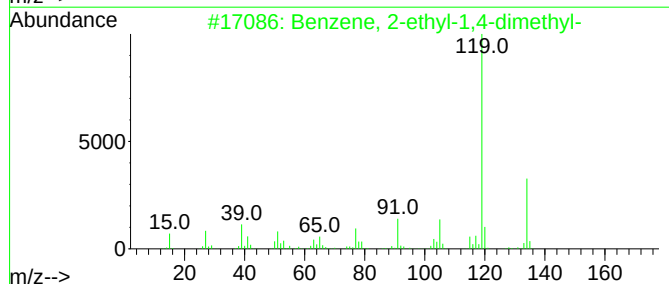
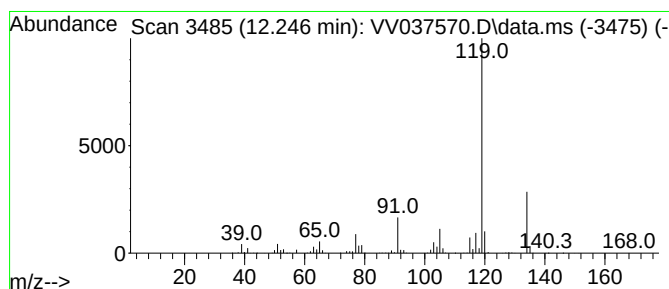
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 31 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.246	15.36 ug/L	776155	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

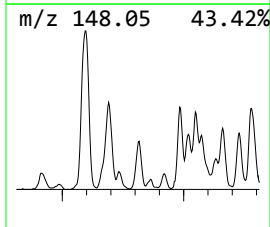
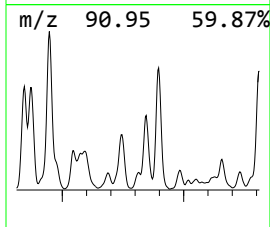
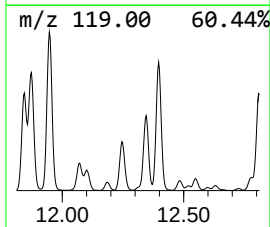
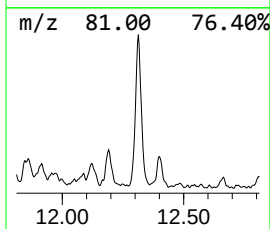
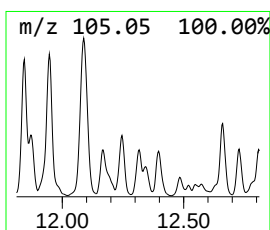
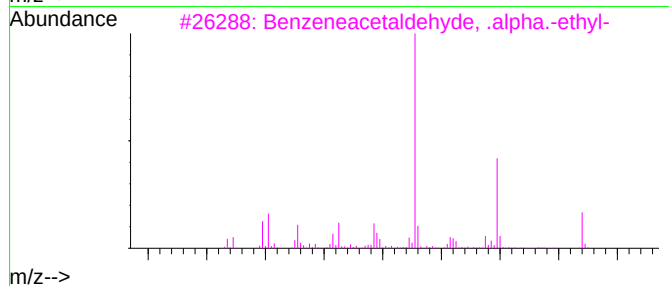
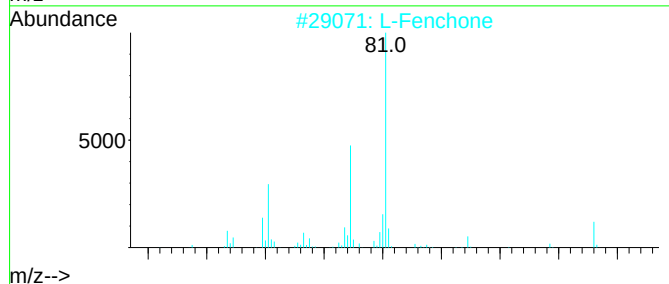
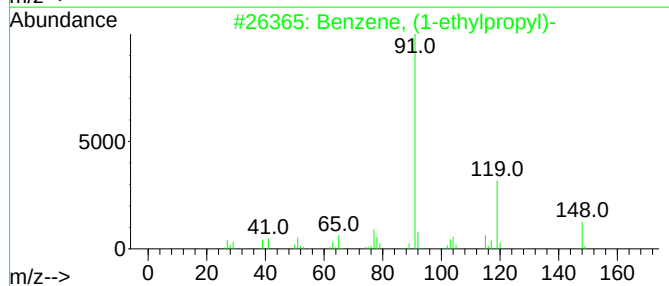
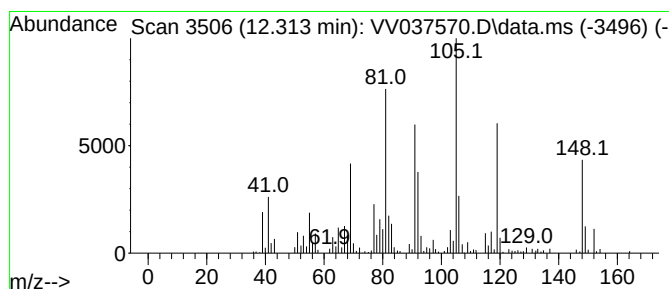
TIC Integration Parameters: LSCINT.P

Peak Number 32 unknown-02

Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.313	3.54 ug/L	178989	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	41
2			L-Fenchone	152	C10H16O	007787-20-4	38
3			Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	30
4			Fenchone	152	C10H16O	001195-79-5	30
5			Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

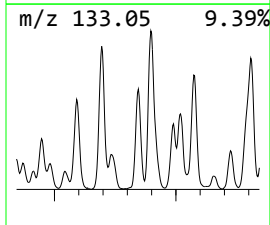
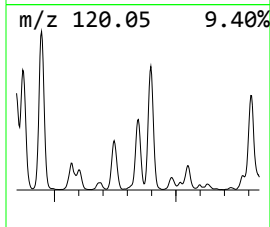
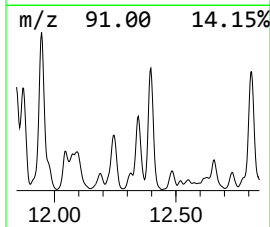
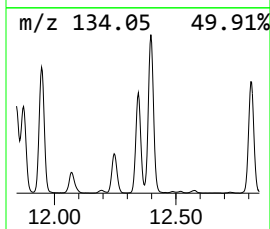
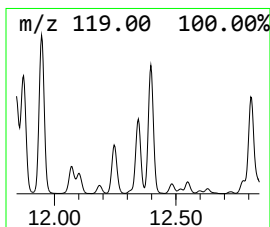
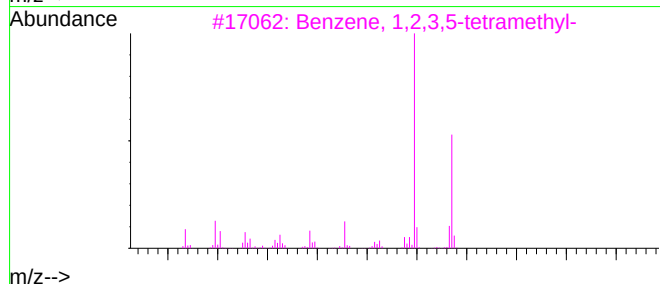
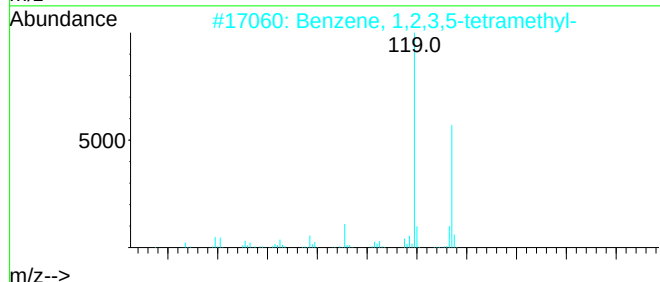
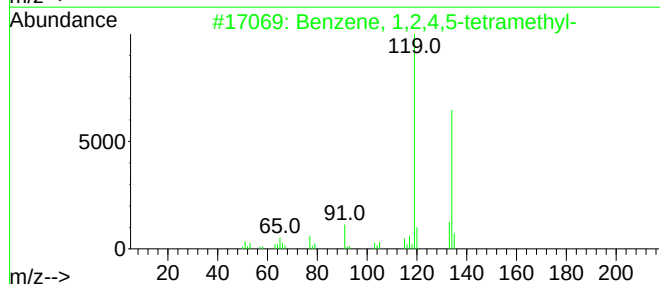
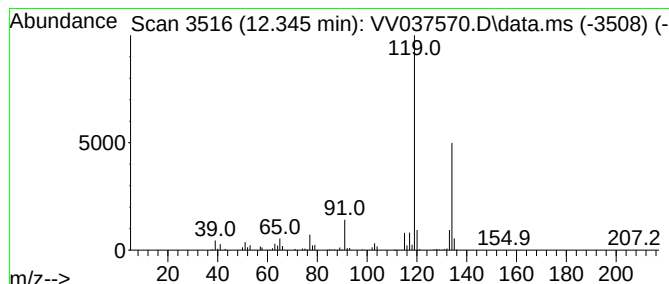
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.345	19.78 ug/L	999896	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

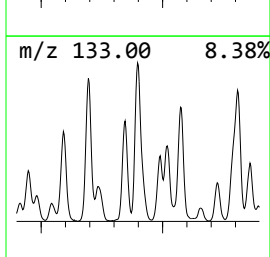
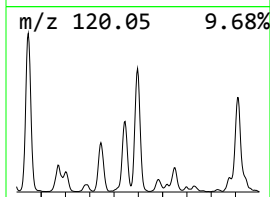
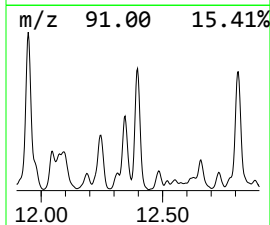
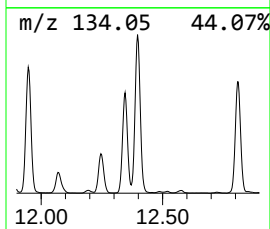
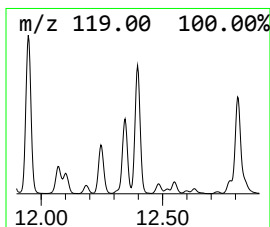
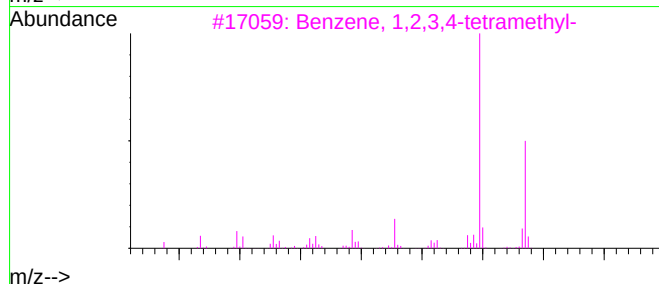
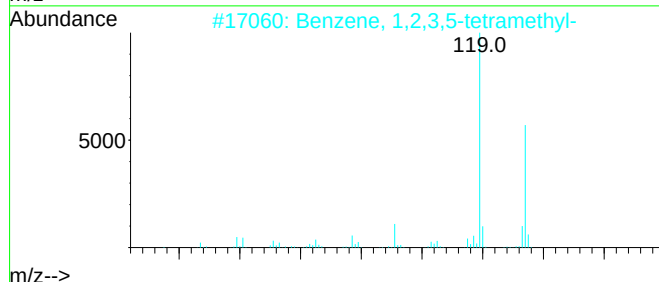
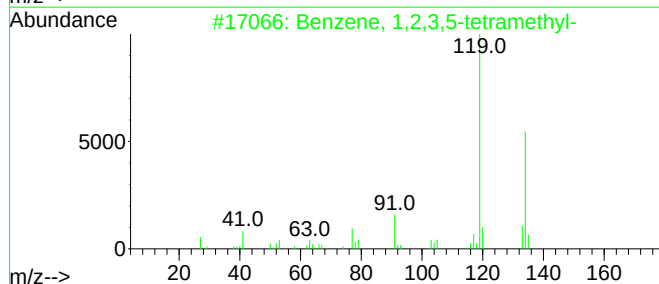
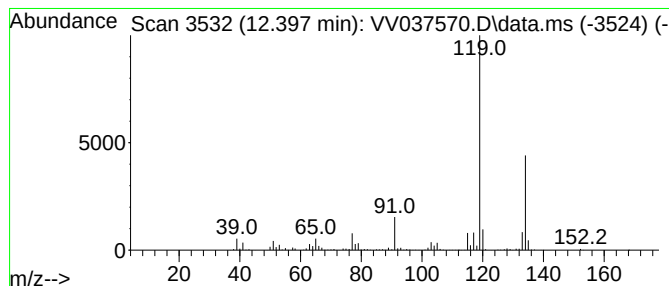
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 34 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	35.51 ug/L	1794430	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

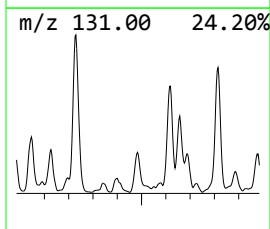
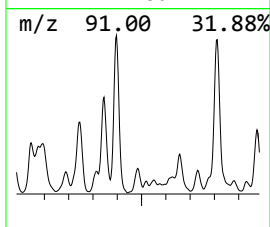
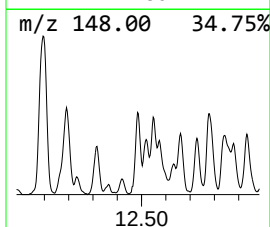
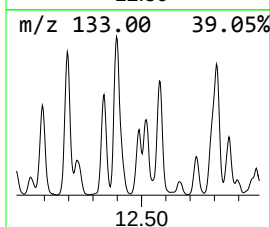
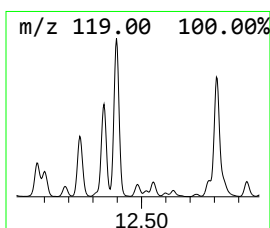
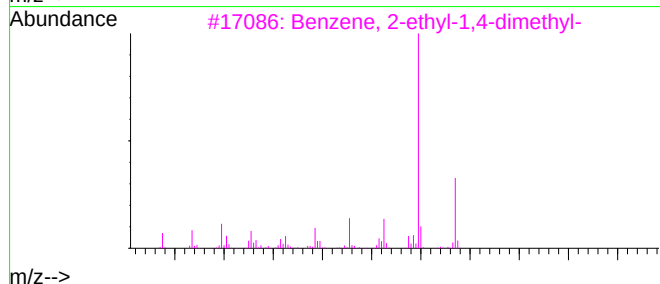
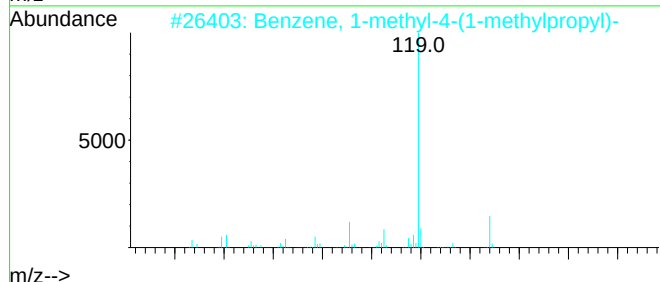
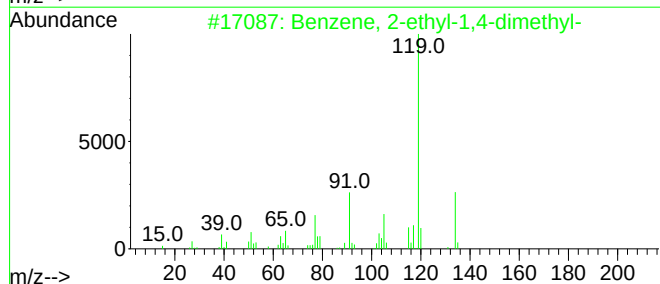
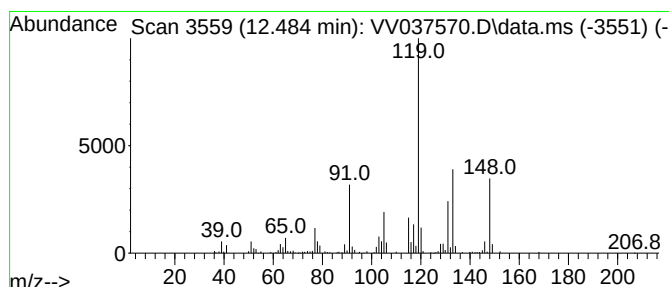
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 35 Benzene, 1-methyl-4-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.484	3.83 ug/L	193567	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	60
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

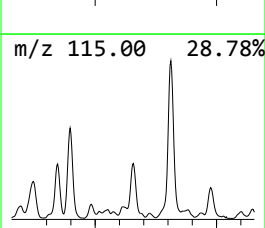
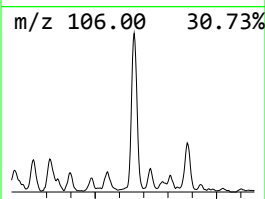
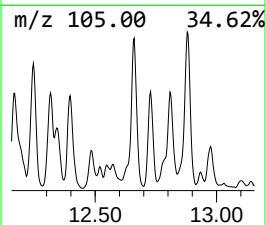
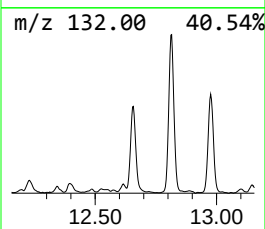
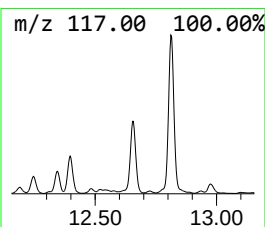
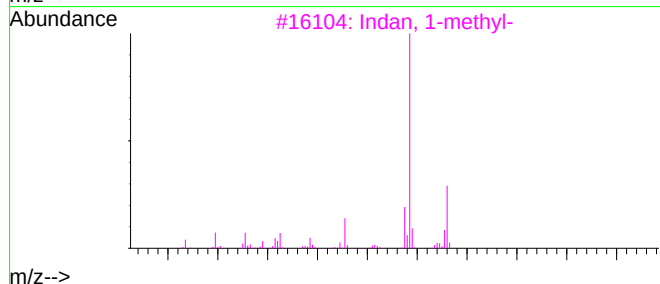
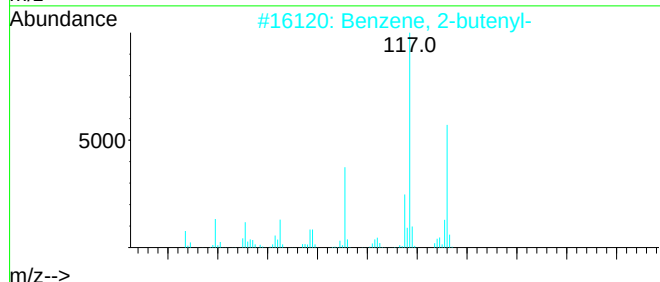
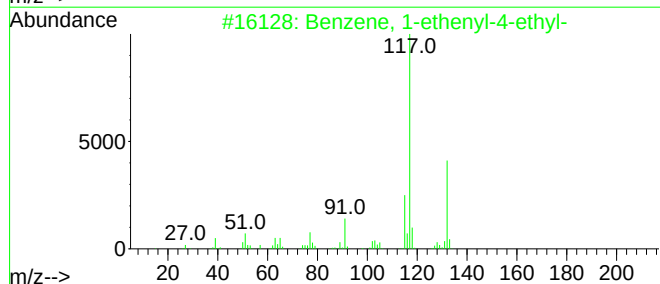
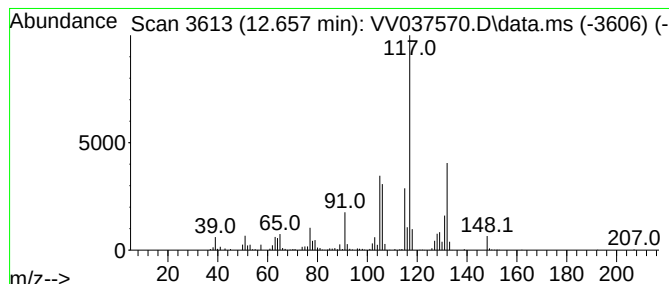
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 36 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	9.56 ug/L	482996	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

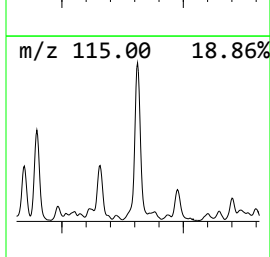
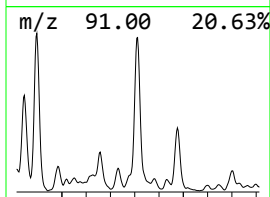
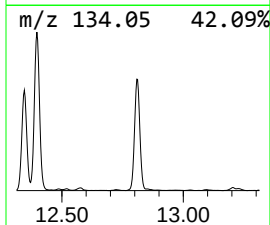
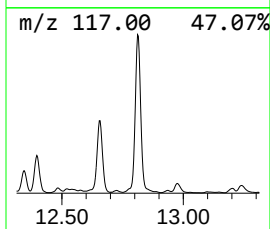
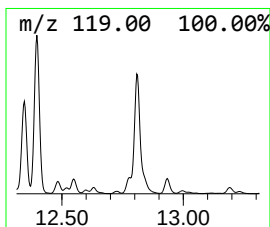
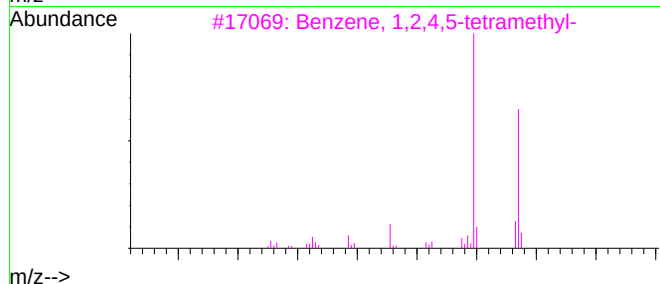
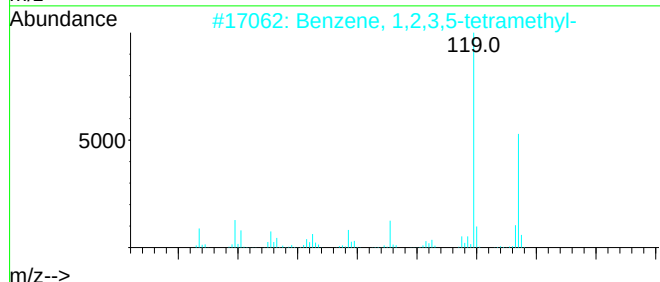
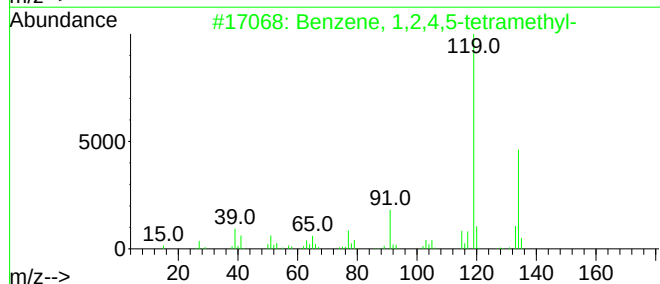
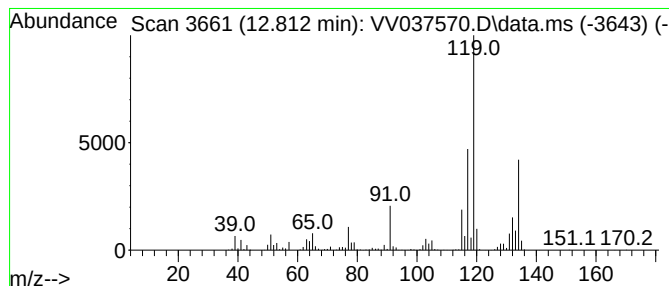
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 37 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.812	45.93 ug/L	2321250	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	70
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
4	p-Cymene	134	C10H14	000099-87-6	70
5	o-Cymene	134	C10H14	000527-84-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

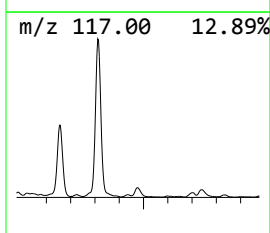
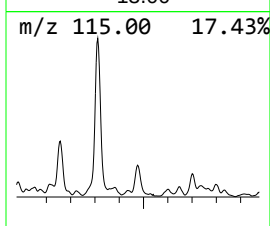
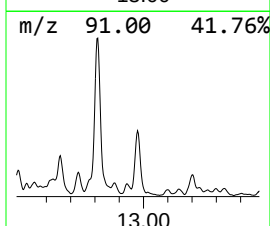
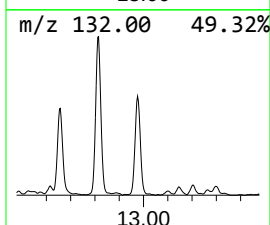
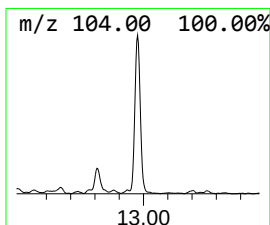
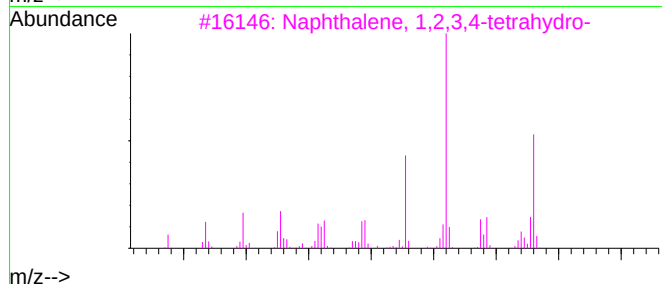
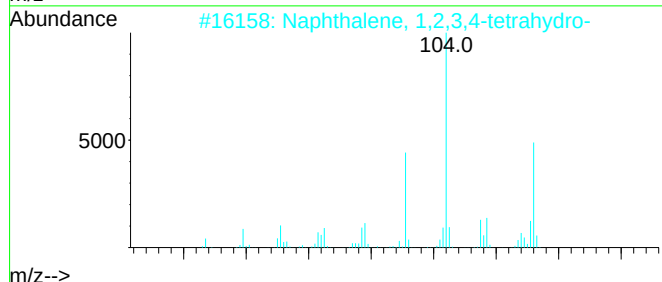
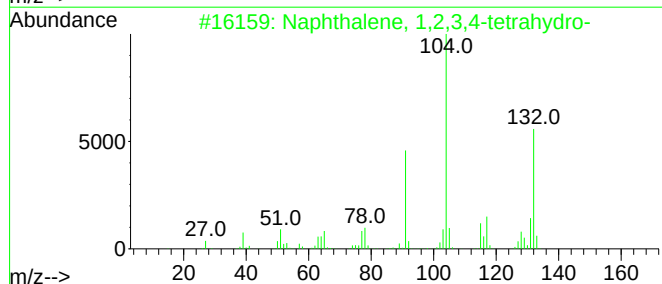
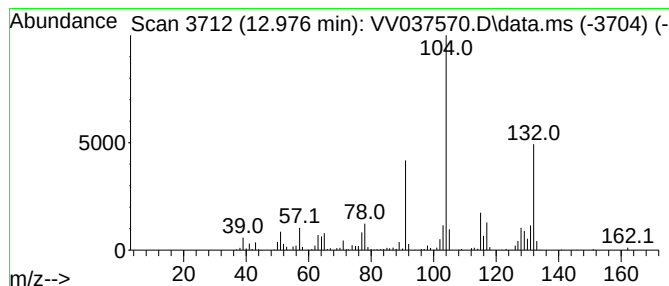
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 38 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	8.11 ug/L	409973	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	91
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

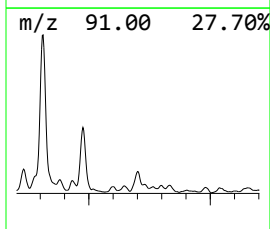
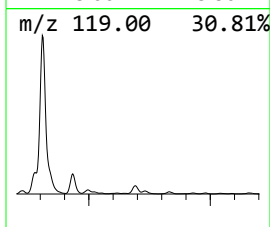
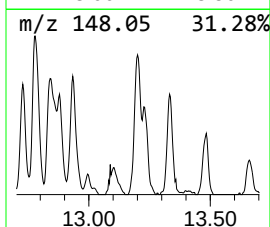
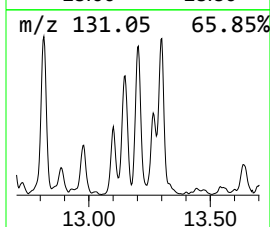
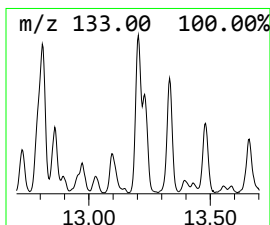
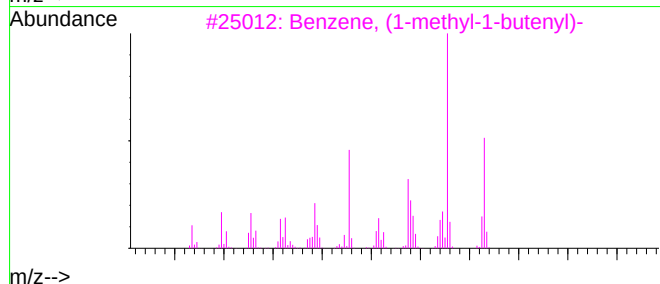
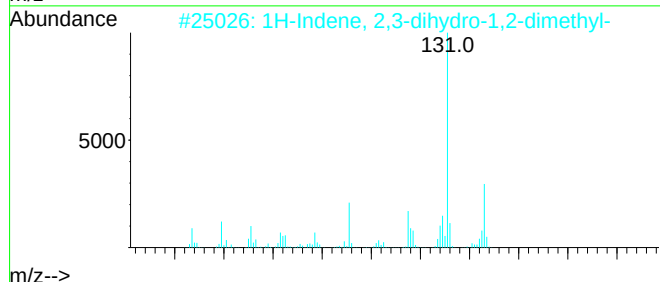
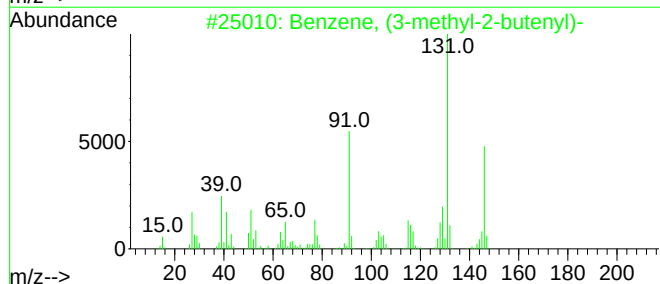
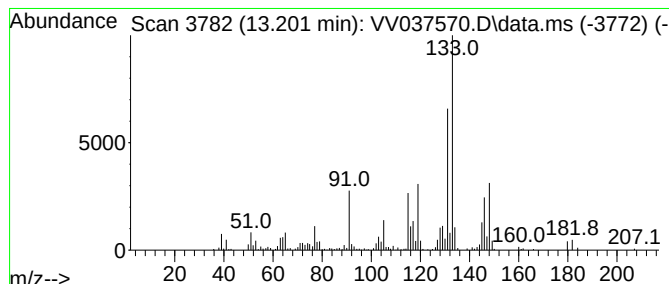
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 39 Benzene, (3-methyl-2-butenyl)- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.201	5.91 ug/L	298688	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	80
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	80
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	80
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

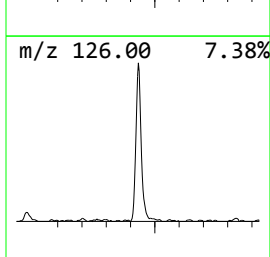
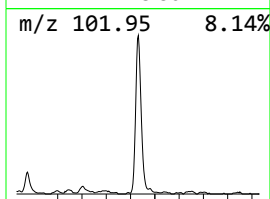
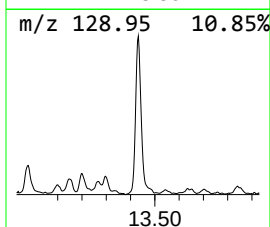
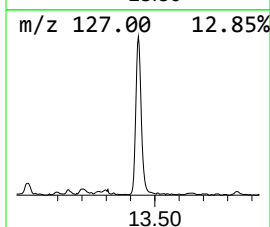
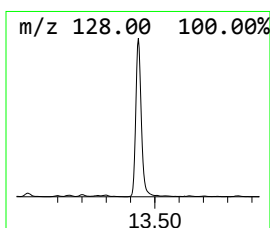
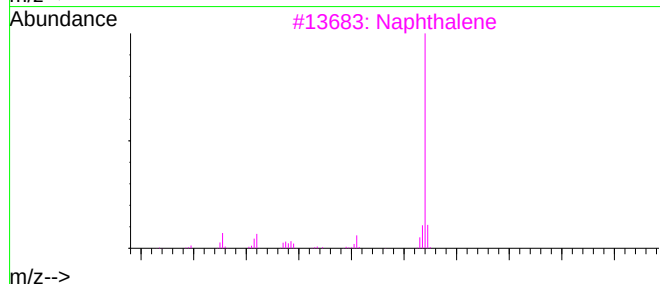
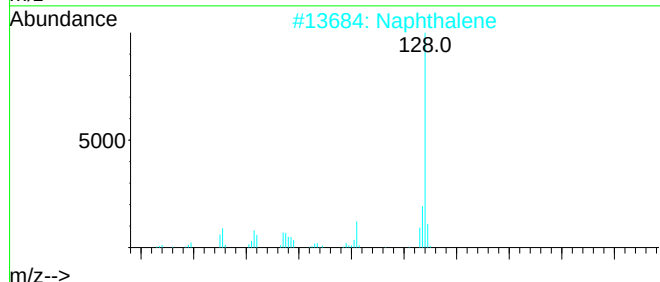
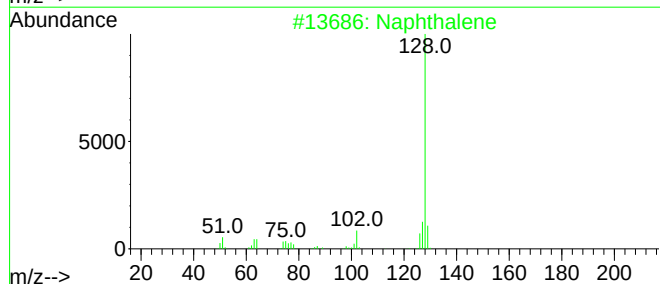
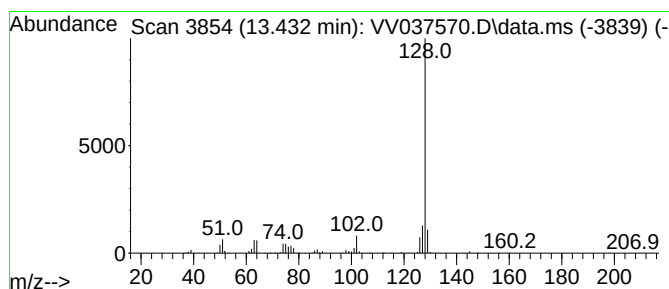
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 40 Azulene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.432	18.73 ug/L	946385	1,4-Dichlorobenzene-d4		11.178	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene		128	C10H8	000091-20-3	95
2	Naphthalene		128	C10H8	000091-20-3	94
3	Naphthalene		128	C10H8	000091-20-3	94
4	Azulene		128	C10H8	000275-51-4	93
5	Azulene		128	C10H8	000275-51-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

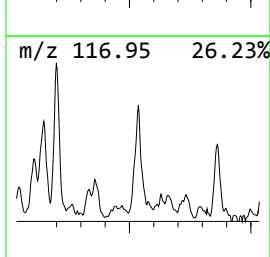
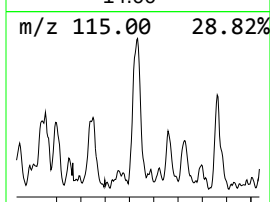
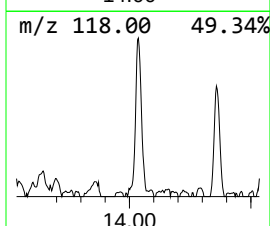
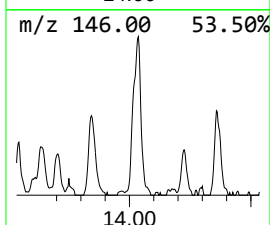
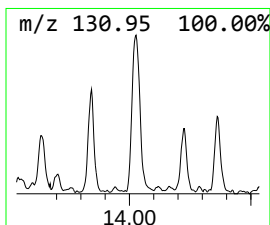
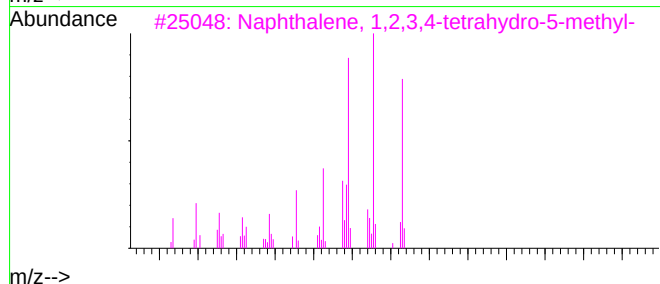
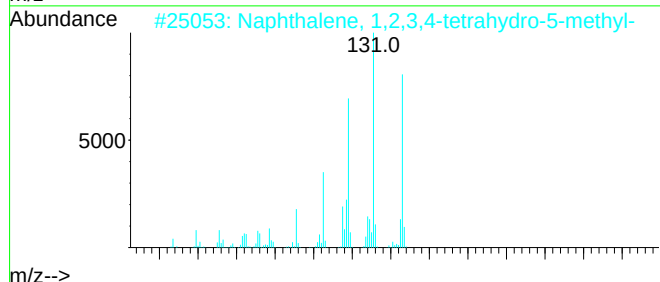
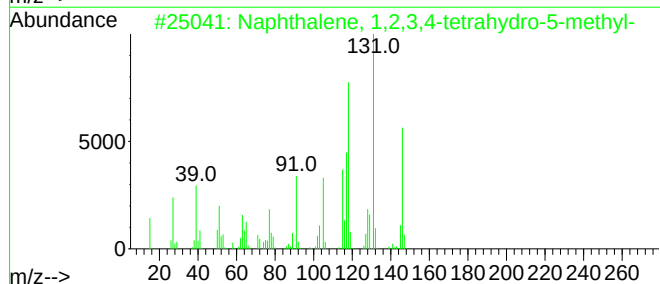
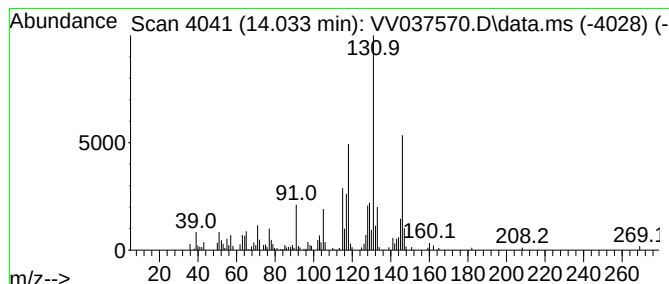
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 42 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.034	3.18 ug/L	160614	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	87
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	81
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	74
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

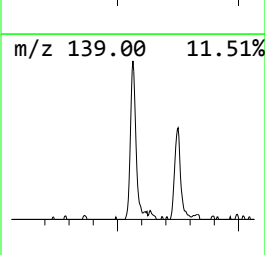
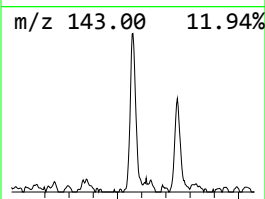
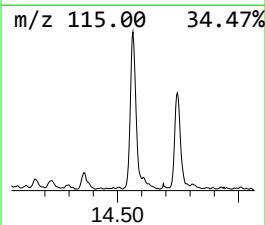
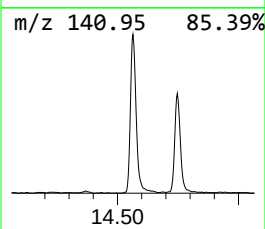
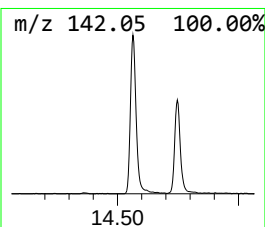
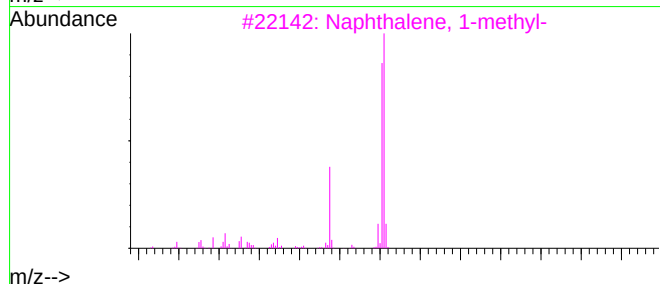
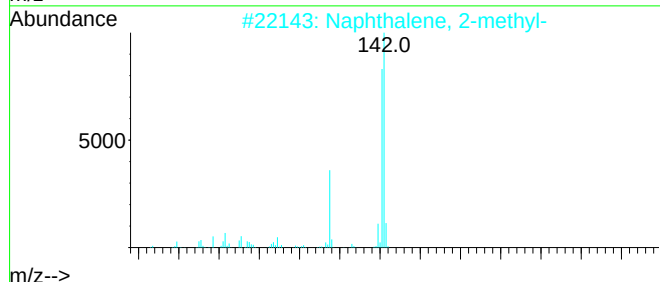
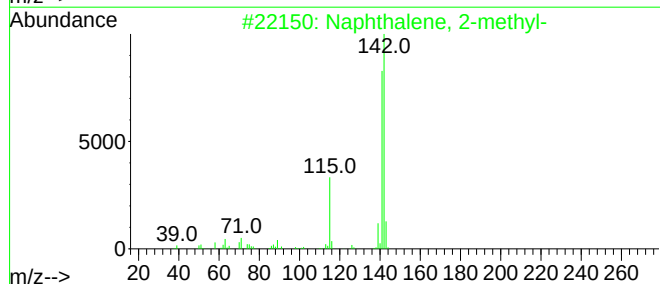
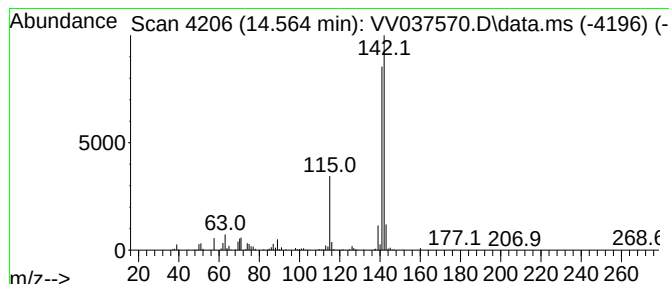
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 43 Naphthalene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	8.05 ug/L	407007	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

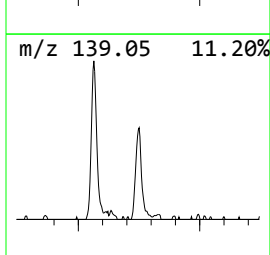
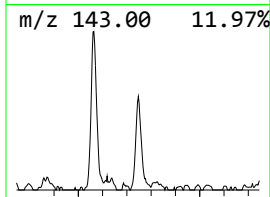
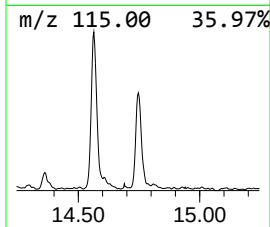
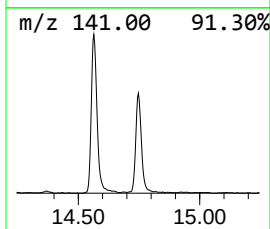
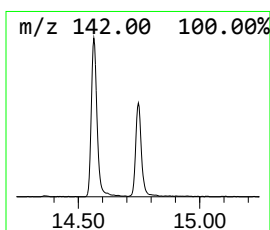
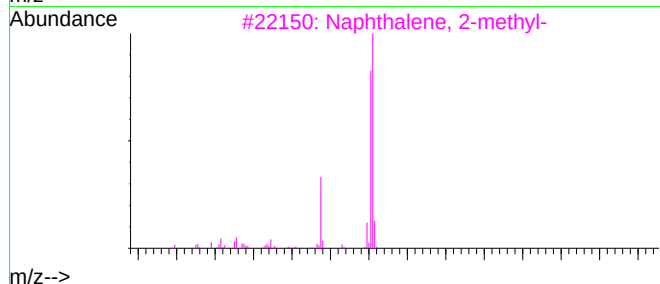
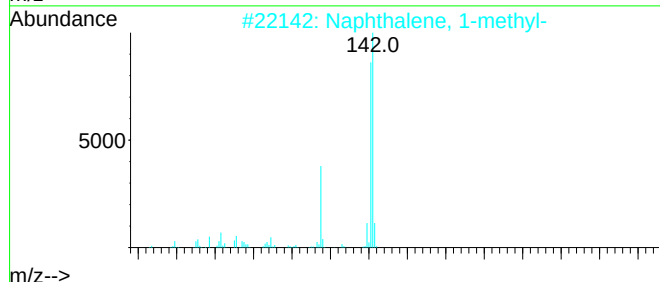
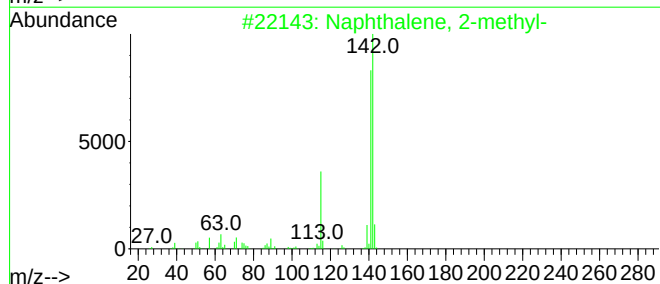
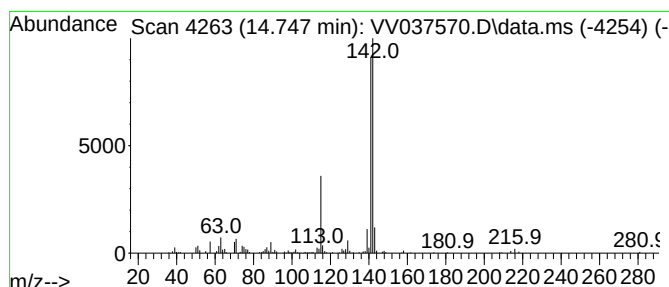
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 44 Naphthalene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.747	4.28 ug/L	216378	1,4-Dichlorobenzene-d4	11.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037570.D
Acq On : 27 Sep 2024 00:05
Operator : SY/MD
Sample : P4184-16
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY042

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	5.140	3.7	ug/L	112950	1	5.529	1530360	50.0
(DEL) Alkane: C...	7.185	3.0	ug/L	112359	2	8.780	1893430	50.0
(DEL) Alkane: C...	8.214	4.8	ug/L	182164	2	8.780	1893430	50.0
(DEL) Alkane: C...	8.275	3.3	ug/L	125876	2	8.780	1893430	50.0
(DEL) Alkane: C...	8.519	2.8	ug/L	104095	2	8.780	1893430	50.0
(DEL) Alkane: S...	9.133	12.4	ug/L	471499	2	8.780	1893430	50.0
(DEL) Alkane: C...	9.403	6.2	ug/L	235130	2	8.780	1893430	50.0
unknown-01	9.635	14.6	ug/L	551236	2	8.780	1893430	50.0
(DEL) Alkane: C...	9.728	11.4	ug/L	432552	2	8.780	1893430	50.0
(DEL) Alkane: S...	9.783	3.2	ug/L	122323	2	8.780	1893430	50.0
Pentalene, octa...	10.053	5.3	ug/L	267959	3	11.178	2526970	50.0
Benzene, propyl-	10.281	57.9	ug/L	2923950	3	11.178	2526970	50.0
Benzene, 1-ethy...	10.378	300.7	ug/L	15195300	3	11.178	2526970	50.0
Benzene, 1-ethy...	10.667	122.5	ug/L	6191860	3	11.178	2526970	50.0
Benzene, (2-met...	10.989	5.5	ug/L	279279	3	11.178	2526970	50.0
Benzene, (1-met...	11.018	11.1	ug/L	559903	3	11.178	2526970	50.0
(DEL) Alkane: C...	11.085	2.8	ug/L	140499	3	11.178	2526970	50.0
p-Cymene	11.127	21.8	ug/L	1102750	3	11.178	2526970	50.0
Benzene, 1,2,3-...	11.265	180.3	ug/L	9113460	3	11.178	2526970	50.0
Benzene, 1-meth...	11.387	4.3	ug/L	216780	3	11.178	2526970	50.0
Indane	11.461	86.1	ug/L	4351640	3	11.178	2526970	50.0
Benzene, 1,2-di...	11.677	6.0	ug/L	303059	3	11.178	2526970	50.0
Benzene, 1-meth...	11.751	32.6	ug/L	1646960	3	11.178	2526970	50.0
Benzene, 2-ethy...	11.844	37.6	ug/L	1898630	3	11.178	2526970	50.0
o-Cymene	11.947	48.6	ug/L	2456880	3	11.178	2526970	50.0
Indan, 1-methyl-	12.046	12.1	ug/L	613482	3	11.178	2526970	50.0
Benzene, 1,4-di...	12.191	5.9	ug/L	300025	3	11.178	2526970	50.0
Benzene, 1-ethy...	12.246	15.4	ug/L	776155	3	11.178	2526970	50.0
unknown-02	12.313	3.5	ug/L	178989	3	11.178	2526970	50.0
Benzene, 1,2,4,...	12.345	19.8	ug/L	999896	3	11.178	2526970	50.0
Benzene, 1,2,3,...	12.397	35.5	ug/L	1794430	3	11.178	2526970	50.0
Benzene, 1-meth...	12.484	3.8	ug/L	193567	3	11.178	2526970	50.0
Benzene, 1-ethe...	12.657	9.6	ug/L	482996	3	11.178	2526970	50.0
Benzene, 1,2,3,...	12.812	45.9	ug/L	2321250	3	11.178	2526970	50.0
Naphthalene, 1,...	12.976	8.1	ug/L	409973	3	11.178	2526970	50.0
Benzene, (3-met...	13.201	5.9	ug/L	298688	3	11.178	2526970	50.0
Azulene	13.432	18.7	ug/L	946385	3	11.178	2526970	50.0
Naphthalene, 1,...	14.034	3.2	ug/L	160614	3	11.178	2526970	50.0
Naphthalene, 2-...	14.564	8.1	ug/L	407007	3	11.178	2526970	50.0
Naphthalene, 1-...	14.747	4.3	ug/L	216378	3	11.178	2526970	50.0