

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
 Data File : VV031536.D
 Acq On : 15 Jun 2023 17:09
 Operator : SY/MD
 Sample : 03249-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Title : VOC Analysis

Signal : TIC: VV031536.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.175	36	42	54	rBV	11382	16133	0.02%	0.006%
2	1.281	67	75	82	rBV	103641	125067	0.13%	0.048%
3	1.535	147	154	170	rVB	91537	114603	0.12%	0.044%
4	1.674	188	197	204	rBV	40993	52599	0.05%	0.020%
5	1.722	204	212	232	rVV	72933	138018	0.14%	0.053%
6	1.806	233	238	250	rVB	11074	15156	0.02%	0.006%
7	2.076	308	322	365	rVB2	841761	1488000	1.53%	0.574%
8	2.455	429	440	457	rBV4	11432	25131	0.03%	0.010%
9	2.706	505	518	555	rBV	325858	713728	0.73%	0.275%
10	2.976	592	602	617	rVB4	8711	17576	0.02%	0.007%
11	3.121	629	647	696	rBV	3315135	7267431	7.46%	2.802%
12	3.683	805	822	835	rBV6	8332	20457	0.02%	0.008%
13	3.828	845	867	972	rBV2	34638719	95539212	98.13%	36.834%
14	4.262	988	1002	1035	rVB3	157280	453700	0.47%	0.175%
15	4.539	1058	1088	1121	rBV2	35205790	97355742	100.00%	37.534%
16	4.966	1204	1221	1233	rBV2	346797	906228	0.93%	0.349%
17	5.156	1272	1280	1297	rVB3	17238	44286	0.05%	0.017%
18	5.420	1350	1362	1377	rBV7	6761	15279	0.02%	0.006%
19	5.542	1387	1400	1423	rBV	287383	584354	0.60%	0.225%
20	5.841	1475	1493	1517	rBV2	369414	736377	0.76%	0.284%
21	5.995	1528	1541	1554	rBV	207806	423864	0.44%	0.163%
22	6.921	1815	1829	1851	rVV2	110253	207960	0.21%	0.080%
23	7.198	1899	1915	1921	rBV7	17666	39586	0.04%	0.015%
24	7.249	1921	1931	1942	rVV	382992	667236	0.69%	0.257%
25	7.320	1942	1953	1982	rVB	2108009	3572815	3.67%	1.377%
26	7.506	2001	2011	2015	rBV	17654	24824	0.03%	0.010%
27	7.551	2015	2025	2050	rVV3	136976	312838	0.32%	0.121%
28	7.776	2086	2095	2110	rVB	52907	89838	0.09%	0.035%
29	7.911	2123	2137	2156	rBV	533405	892233	0.92%	0.344%
30	8.030	2163	2174	2198	rBV	287621	500584	0.51%	0.193%
31	8.172	2205	2218	2226	rBV9	10942	20542	0.02%	0.008%
32	8.227	2226	2235	2245	rVB2	36374	58833	0.06%	0.023%
33	8.288	2245	2254	2264	rBV3	28961	45691	0.05%	0.018%
34	8.532	2315	2330	2346	rBV6	15987	39819	0.04%	0.015%
35	8.609	2346	2354	2363	rVV3	11744	19307	0.02%	0.007%
36	8.731	2380	2392	2400	rBV3	13142	25061	0.03%	0.010%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Title : VOC Analysis

37	8.789	2400	2410	2427	rVV	444303	719944	0.74%	0.278%
38	8.873	2427	2436	2446	rVV2	14327	30469	0.03%	0.012%
39	8.953	2446	2461	2479	rVV	779678	1226776	1.26%	0.473%
40	9.075	2483	2499	2514	rVV	3604171	5700488	5.86%	2.198%
41	9.146	2514	2521	2541	rVB3	92621	168936	0.17%	0.065%
42	9.255	2546	2555	2571	rVB4	16527	29567	0.03%	0.011%
43	9.333	2571	2579	2588	rBV2	9749	17724	0.02%	0.007%
44	9.416	2589	2605	2614	rBV5	39923	90550	0.09%	0.035%
45	9.484	2614	2626	2646	rVB	1927879	2883821	2.96%	1.112%
46	9.648	2659	2677	2691	rBV4	96754	195901	0.20%	0.076%
47	9.741	2695	2706	2717	rBV5	83796	165817	0.17%	0.064%
48	9.796	2717	2723	2734	rVB4	25435	42721	0.04%	0.016%
49	9.873	2735	2747	2757	rBV	138395	223861	0.23%	0.086%
50	9.963	2768	2775	2784	rBV4	10982	16911	0.02%	0.007%
51	10.030	2785	2796	2800	rBV3	16688	26106	0.03%	0.010%
52	10.066	2800	2807	2820	rVB3	50608	82929	0.09%	0.032%
53	10.159	2823	2836	2864	rBV	358711	687525	0.71%	0.265%
54	10.297	2867	2879	2896	rBV	544843	875470	0.90%	0.338%
55	10.390	2897	2908	2926	rVV	2327430	4912319	5.05%	1.894%
56	10.484	2927	2937	2945	rVV	1324893	1980975	2.03%	0.764%
57	10.522	2945	2949	2958	rVB	121626	157877	0.16%	0.061%
58	10.680	2976	2998	3017	rBV	1340098	2063821	2.12%	0.796%
59	10.857	3034	3053	3075	rVB	5735324	8585753	8.82%	3.310%
60	10.998	3083	3097	3101	rBV	60766	96264	0.10%	0.037%
61	11.030	3102	3107	3116	rVB	96987	144274	0.15%	0.056%
62	11.136	3133	3140	3148	rVB	187921	256852	0.26%	0.099%
63	11.191	3148	3157	3169	rVB2	664691	990459	1.02%	0.382%
64	11.278	3173	3184	3207	rVB	2050683	3078894	3.16%	1.187%
65	11.400	3214	3222	3233	rVB3	33860	56712	0.06%	0.022%
66	11.477	3233	3246	3255	rBV3	1278441	2476533	2.54%	0.955%
67	11.519	3255	3259	3266	rVV	485417	662894	0.68%	0.256%
68	11.570	3266	3275	3302	rVB6	823248	2039713	2.10%	0.786%
69	11.689	3303	3312	3319	rBV2	60839	95929	0.10%	0.037%
70	11.763	3320	3335	3353	rVB2	230420	496464	0.51%	0.191%
71	11.863	3354	3366	3381	rBV2	688145	1559876	1.60%	0.601%
72	11.960	3389	3396	3417	rVB	401155	708392	0.73%	0.273%
73	12.059	3418	3427	3432	rBV	118244	188685	0.19%	0.073%
74	12.204	3458	3472	3479	rBV6	52225	101926	0.10%	0.039%
75	12.259	3479	3489	3499	rVB2	125021	208750	0.21%	0.080%
76	12.326	3500	3510	3513	rBV5	55993	82566	0.08%	0.032%

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 Title : VOC Analysis

77	12.358	3513	3520	3528	rVV	177037	264222	0.27%	0.102%
78	12.410	3528	3536	3554	rVB	329440	490887	0.50%	0.189%
79	12.496	3554	3563	3569	rBV3	43636	64295	0.07%	0.025%
80	12.561	3579	3583	3588	rVB	14734	14162	0.01%	0.005%
81	12.670	3610	3617	3631	rVB2	93377	147529	0.15%	0.057%
82	12.741	3632	3639	3646	rBV3	26196	34355	0.04%	0.013%
83	12.824	3646	3665	3681	rBV2	348868	648474	0.67%	0.250%
84	12.947	3696	3703	3708	rBV	24006	30300	0.03%	0.012%
85	12.988	3708	3716	3727	rVB2	74329	116071	0.12%	0.045%
86	13.107	3744	3753	3762	rBV6	31441	55480	0.06%	0.021%
87	13.159	3763	3769	3776	rVB2	13972	19755	0.02%	0.008%
88	13.213	3777	3786	3793	rBV5	49346	81734	0.08%	0.032%
89	13.345	3822	3827	3838	rVB2	20699	30253	0.03%	0.012%
90	13.445	3842	3858	3868	rBV	237593	368650	0.38%	0.142%
91	13.490	3869	3872	3883	rVB2	15979	21794	0.02%	0.008%
92	13.558	3884	3893	3901	rBV2	10607	20044	0.02%	0.008%
93	13.670	3917	3928	3934	rBV7	7947	16129	0.02%	0.006%
94	13.850	3975	3984	3998	rVB6	19121	33835	0.03%	0.013%
95	14.043	4032	4044	4056	rVV7	18766	44627	0.05%	0.017%
96	14.377	4140	4148	4161	rVB9	9567	18272	0.02%	0.007%
97	14.577	4199	4210	4223	rBV	47220	78693	0.08%	0.030%
98	14.760	4258	4267	4275	rBV2	28509	47405	0.05%	0.018%
99	15.612	4523	4532	4544	rBV4	8138	13847	0.01%	0.005%
100	15.760	4569	4578	4584	rBV4	9089	14557	0.01%	0.006%

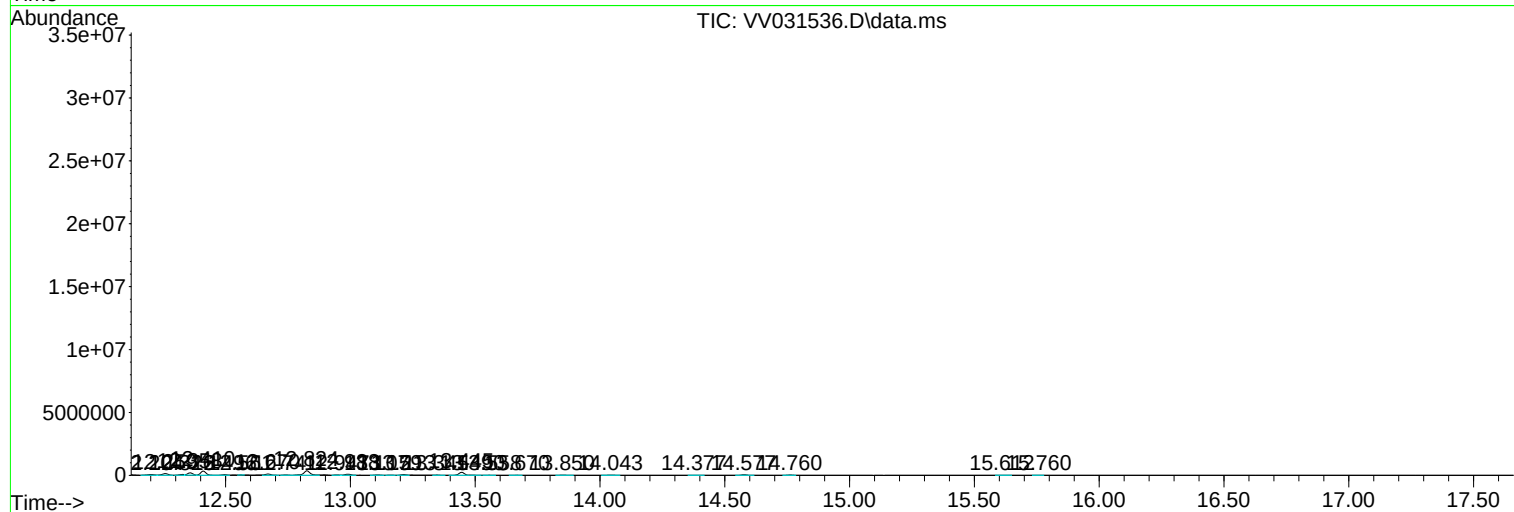
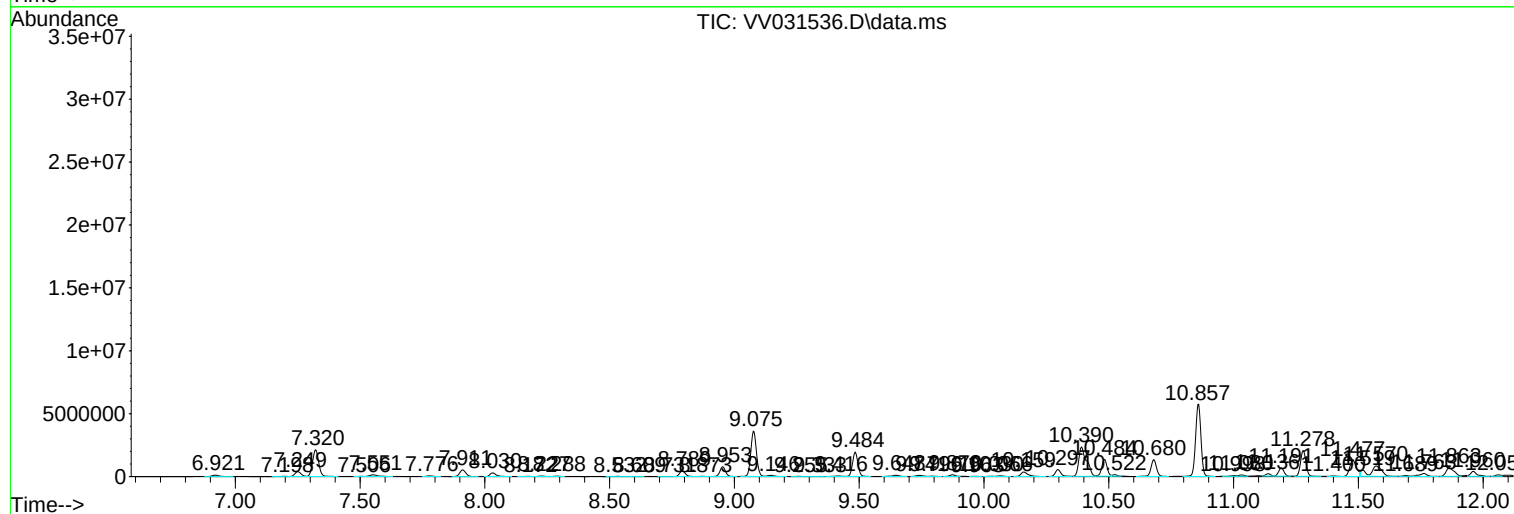
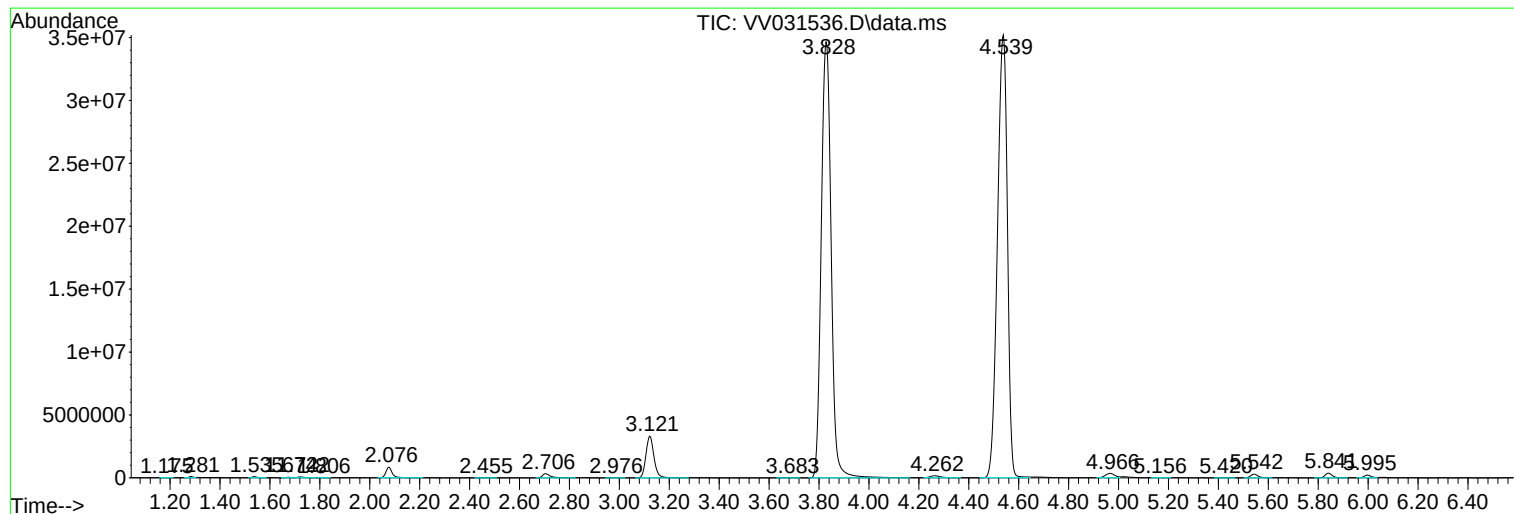
Sum of corrected areas: 259376922

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Instrument :
MSVOA_V
ClientSampleId :
EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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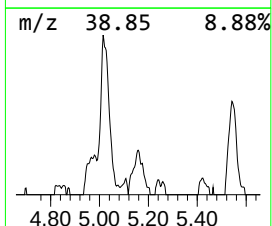
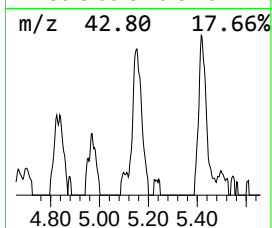
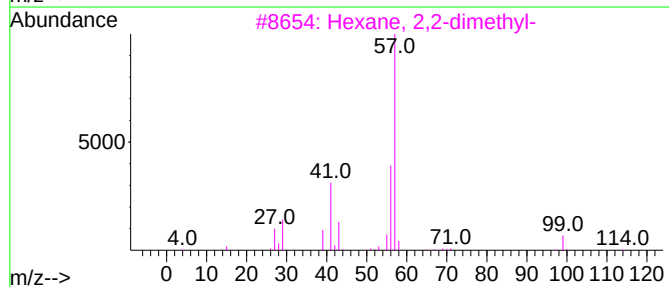
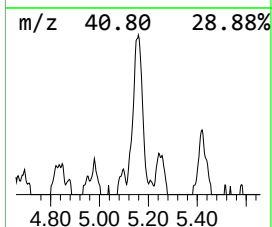
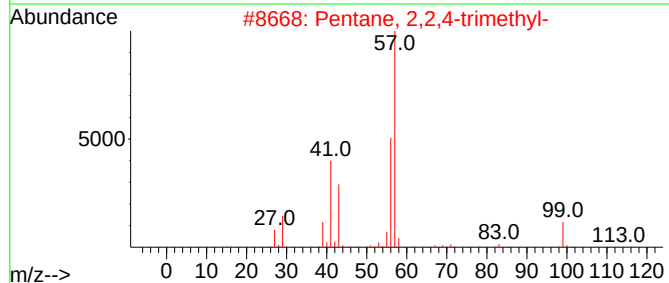
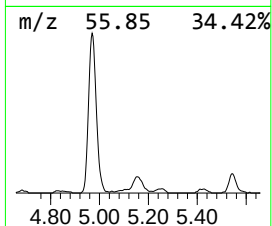
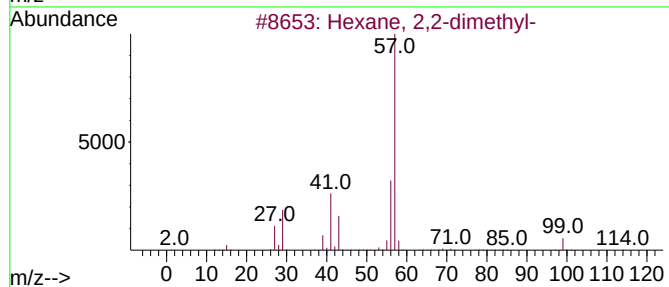
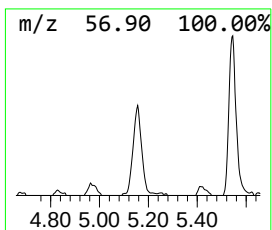
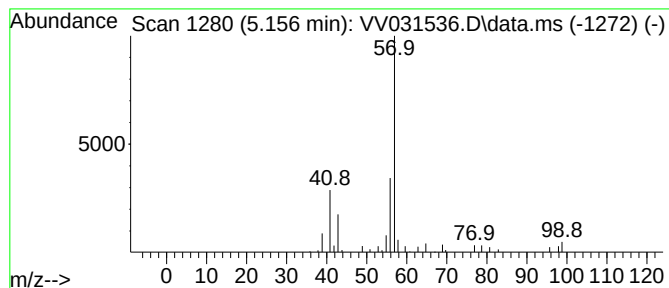
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.156	3.79 ug/L	44286	1,4-Difluorobenzene	5.542

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	50
2		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	50
3		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	47
4		Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	42
5		Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	40



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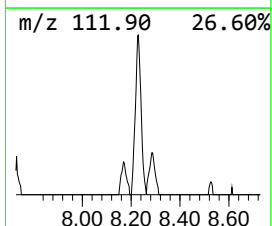
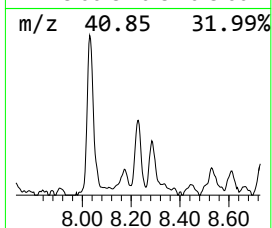
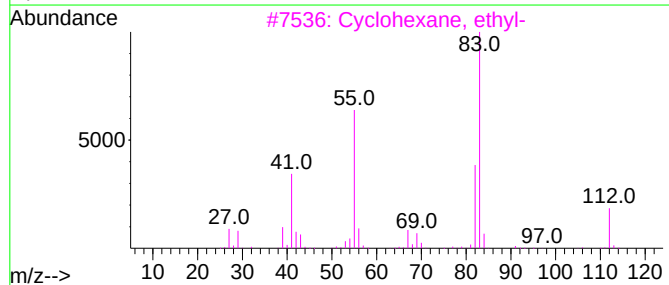
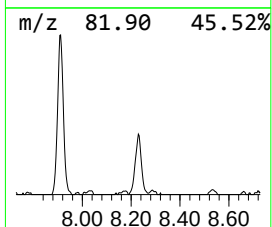
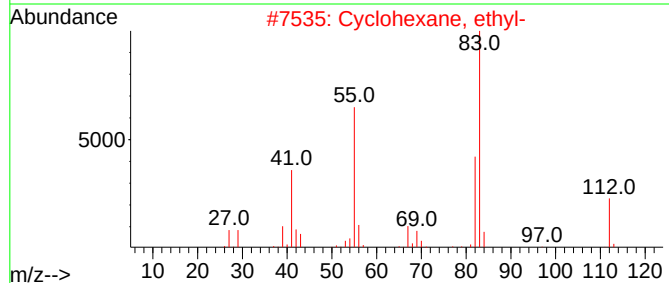
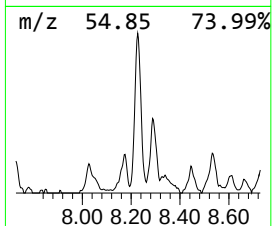
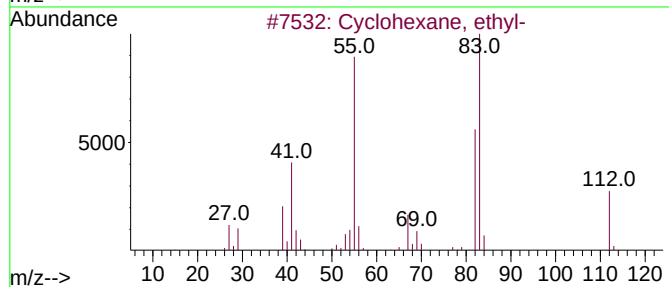
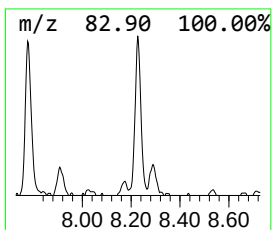
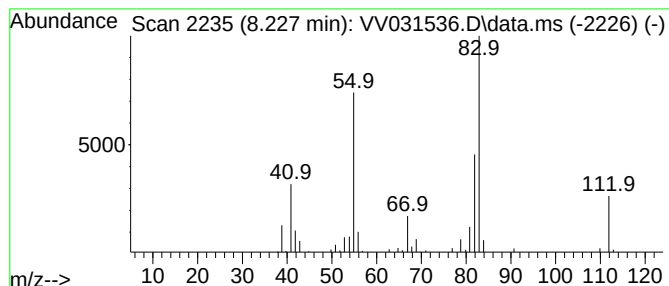
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic8.227 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.227	4.09 ug/L	58833	Chlorobenzene-d5	8.789

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	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78



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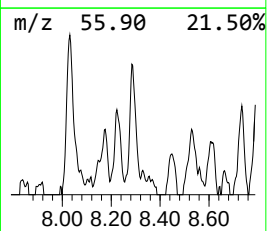
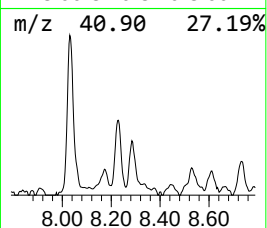
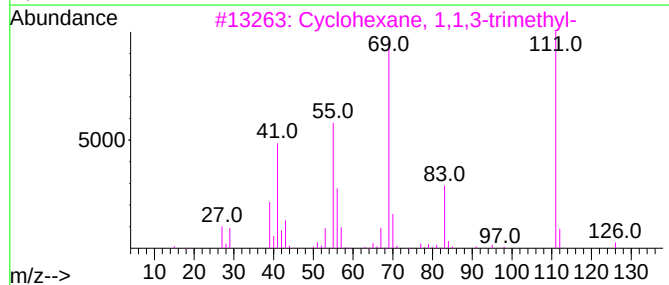
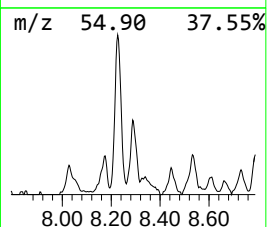
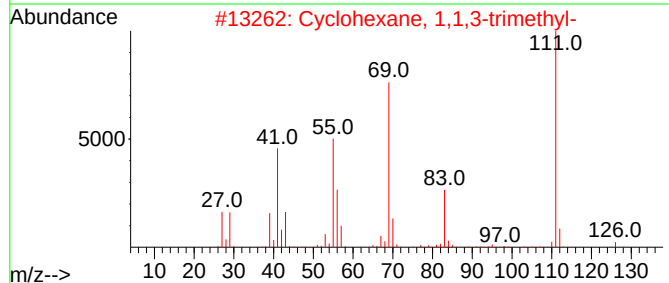
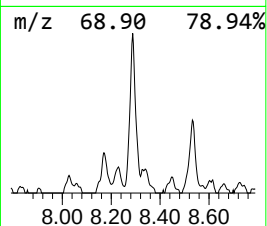
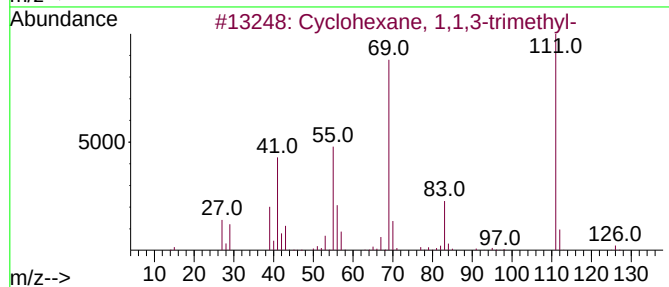
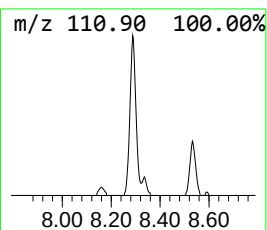
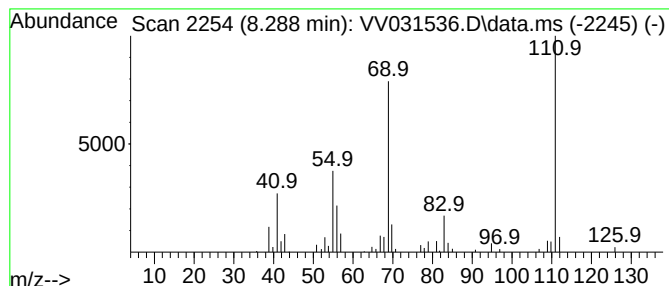
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic8.288 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.288	3.17 ug/L	45691	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

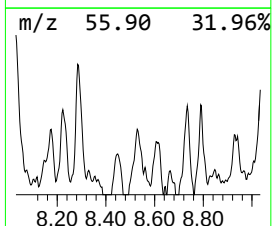
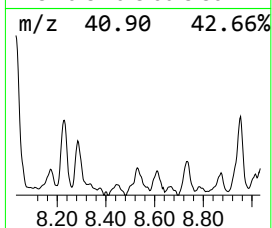
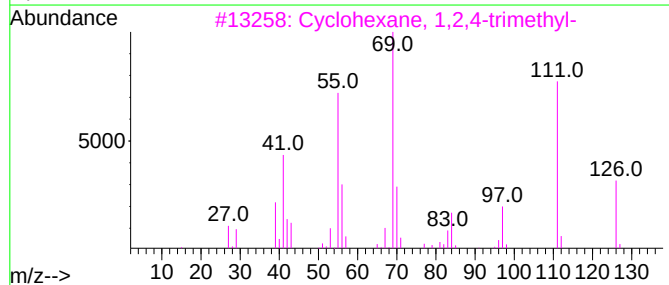
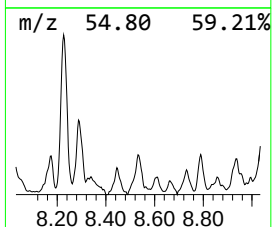
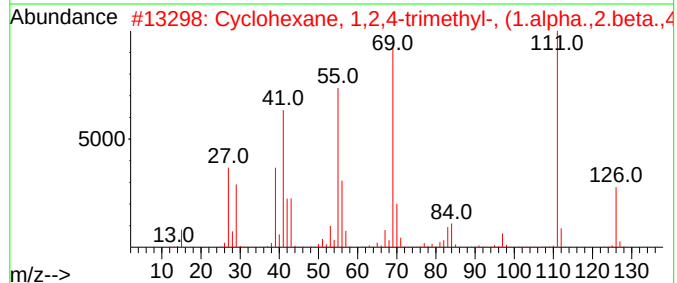
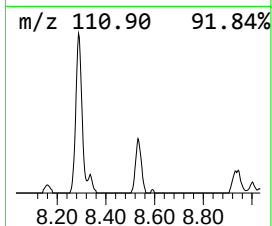
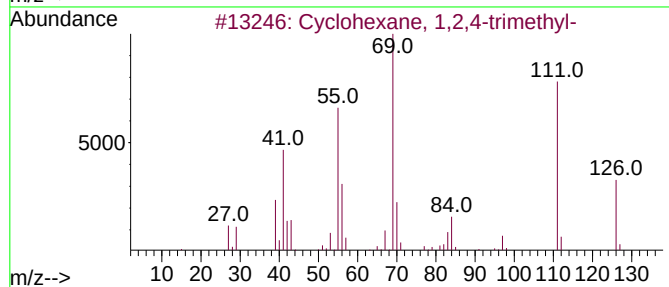
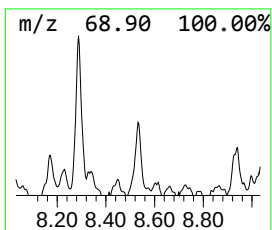
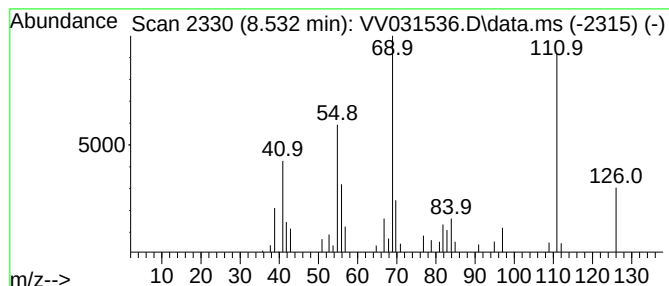
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic8.532 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.532	2.77 ug/L	39819	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	91
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	80
5			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

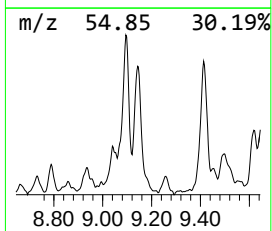
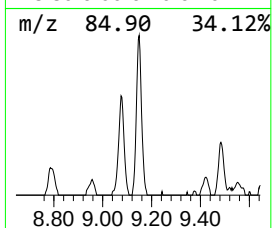
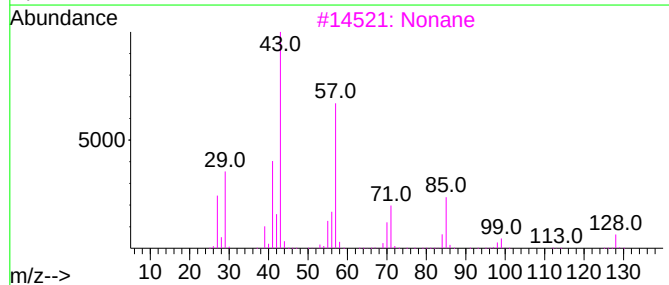
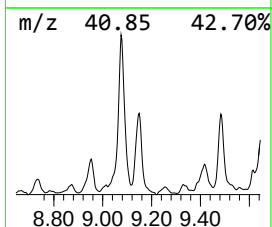
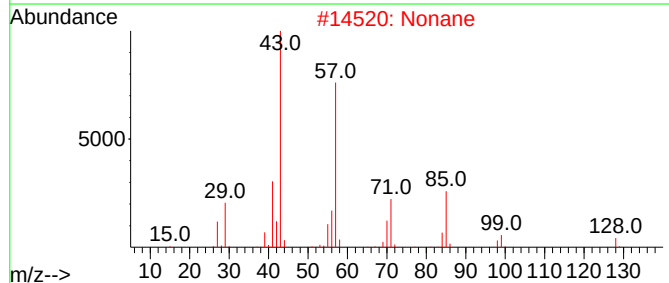
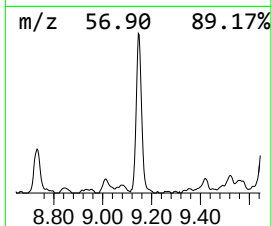
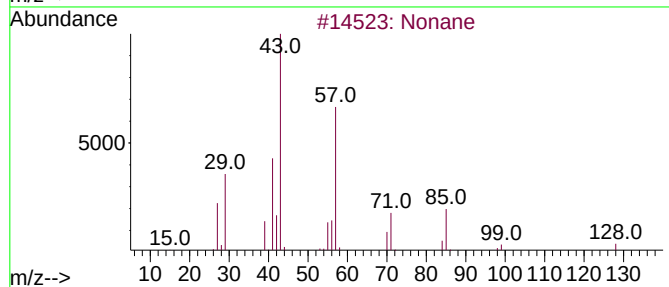
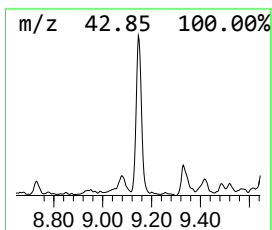
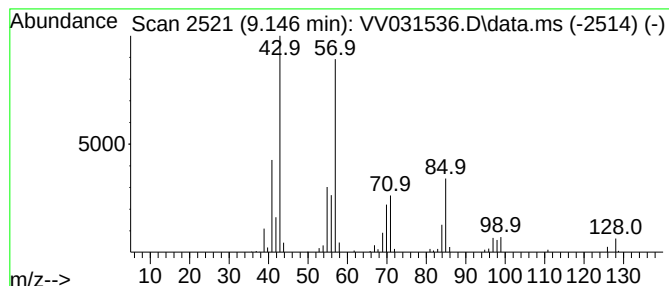
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.146	11.73 ug/L	168936	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	87
2	Nonane			128	C9H20	000111-84-2	81
3	Nonane			128	C9H20	000111-84-2	81
4	Nonane			128	C9H20	000111-84-2	74
5	Isobutyl nonyl carbonate			244	C14H28O3	959311-27-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

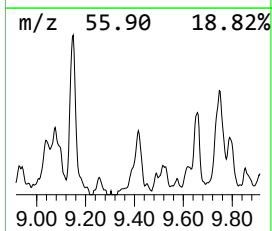
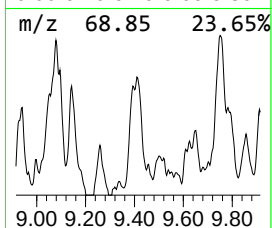
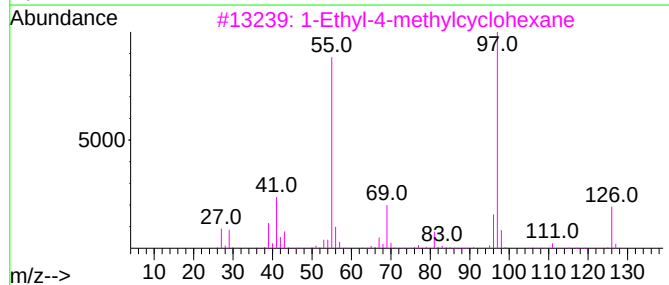
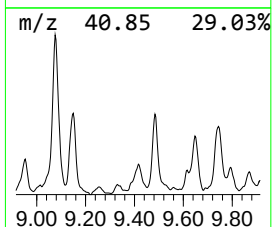
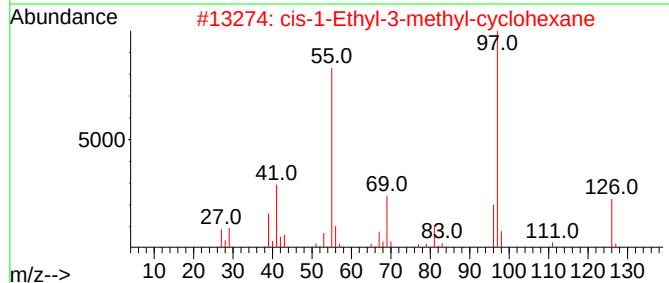
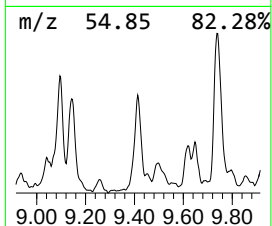
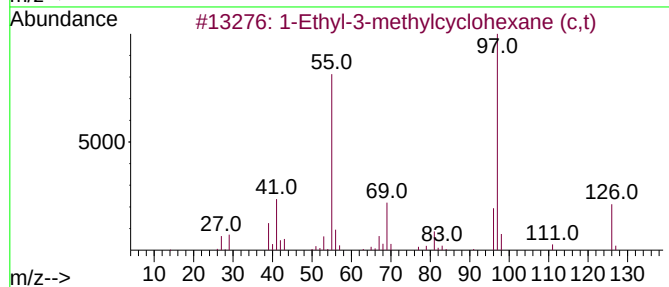
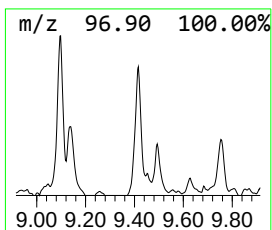
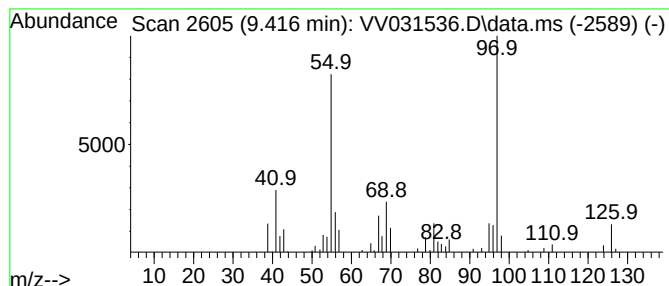
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic9.416 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	6.29 ug/L	90550	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
2			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	72
3			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
4			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	68
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

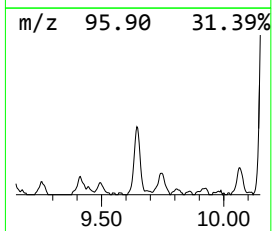
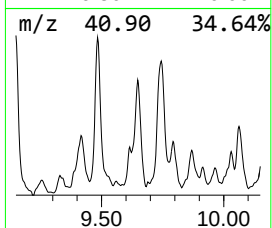
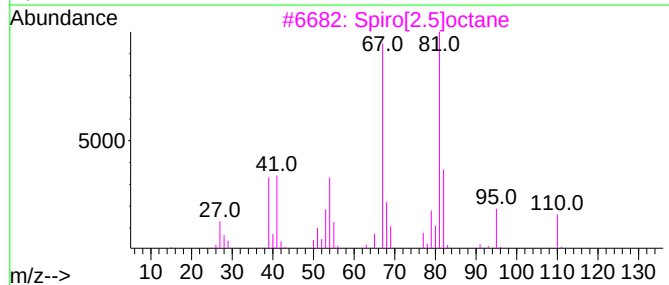
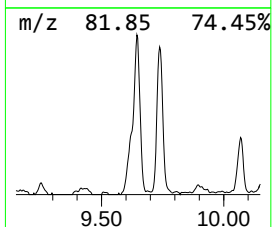
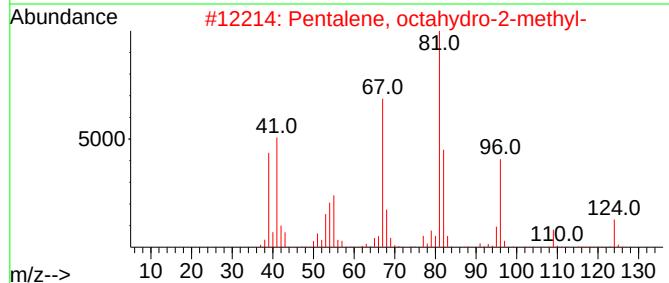
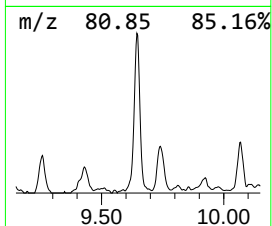
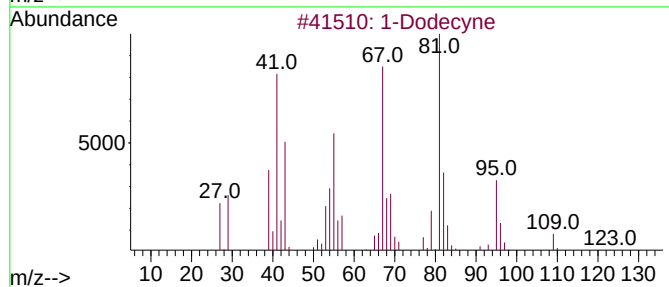
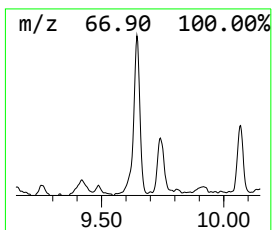
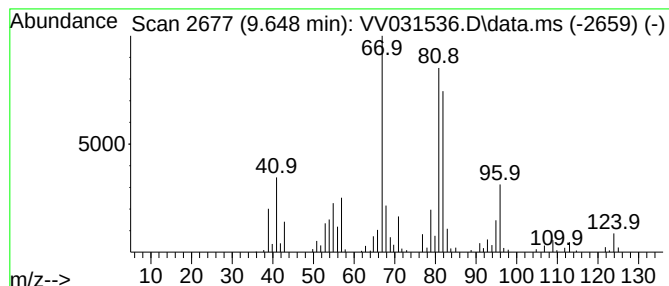
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.648	13.61 ug/L	195901	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecyne			166	C12H22	000765-03-7	47
2	Pentalene, octahydro-2-methyl-			124	C9H16	003868-64-2	46
3	Spiro[2.5]octane			110	C8H14	000185-65-9	38
4	Cyclohexene,3-propyl-			124	C9H16	003983-06-0	38
5	4-Methyl-1,3-pentadiene			82	C6H10	000926-56-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

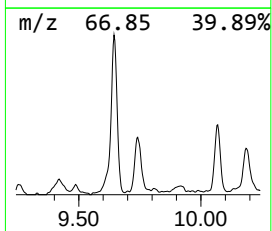
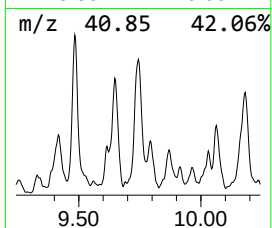
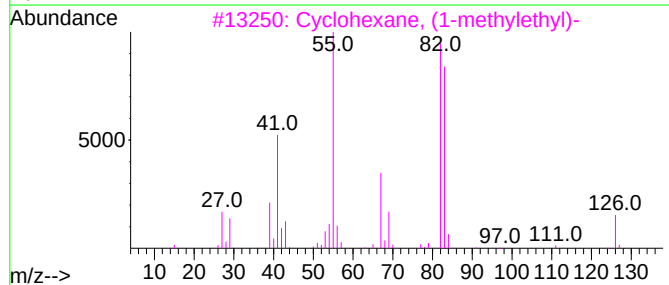
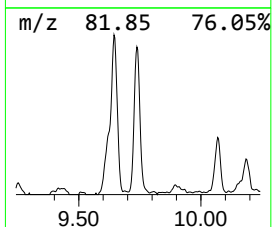
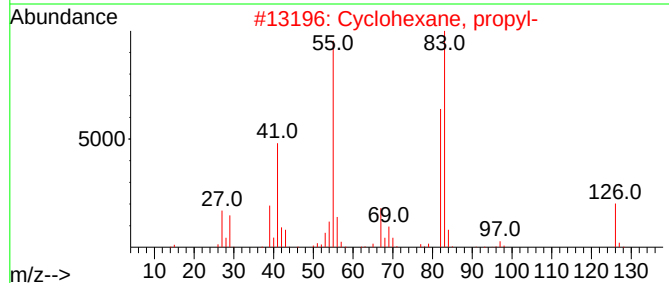
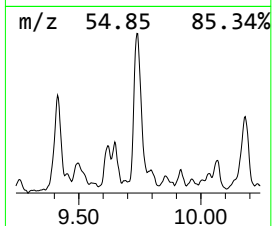
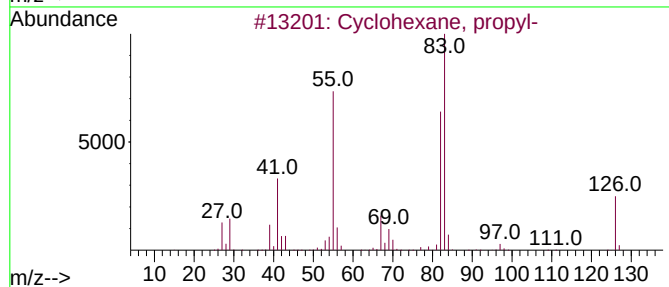
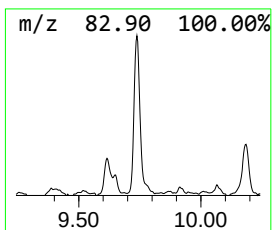
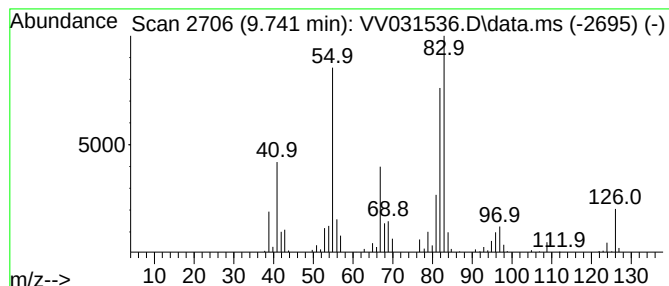
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic9.741 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.741	11.52 ug/L	165817	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	81
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	81
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	76
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

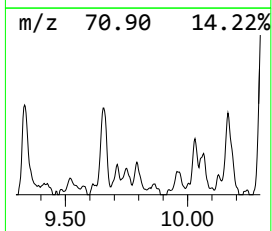
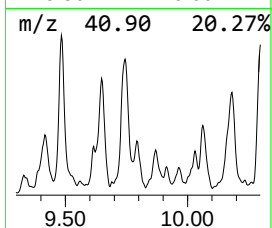
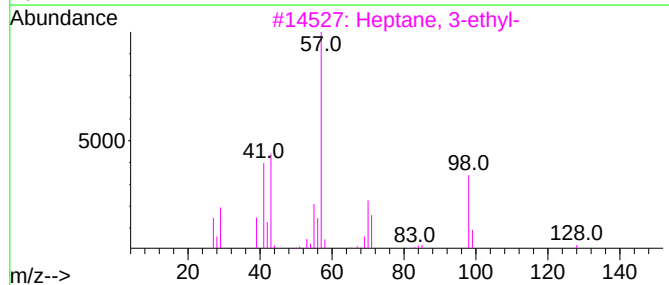
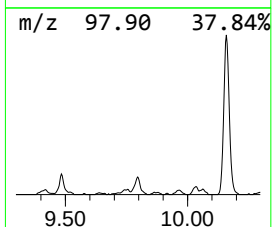
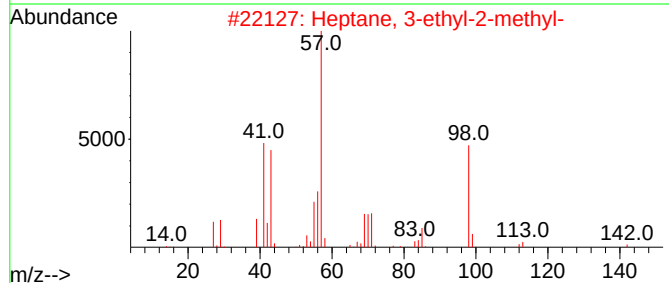
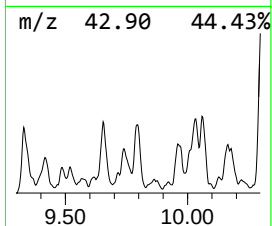
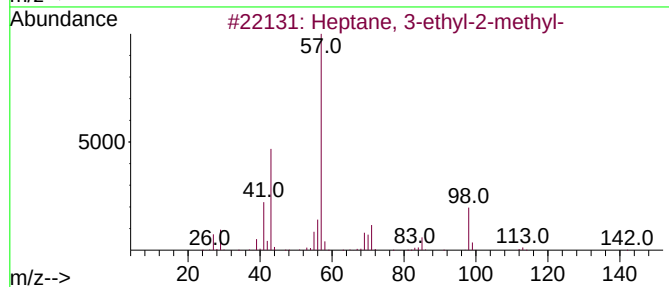
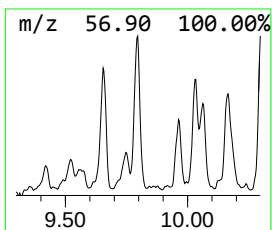
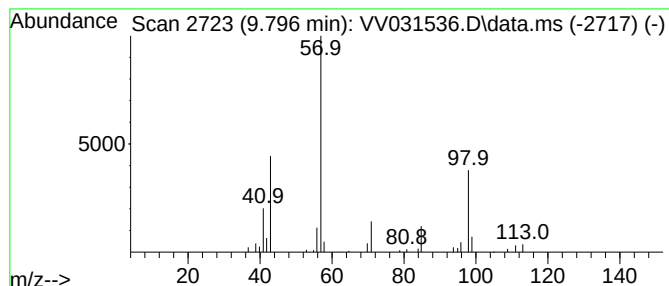
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.796	2.97 ug/L	42721	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45
3			Heptane, 3-ethyl-	128	C9H20	015869-80-4	45
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45
5			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

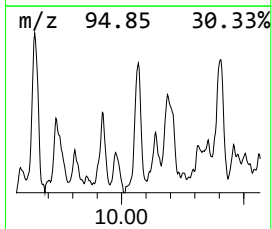
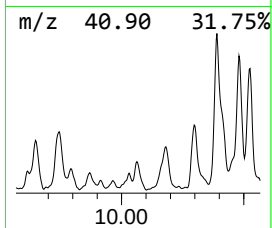
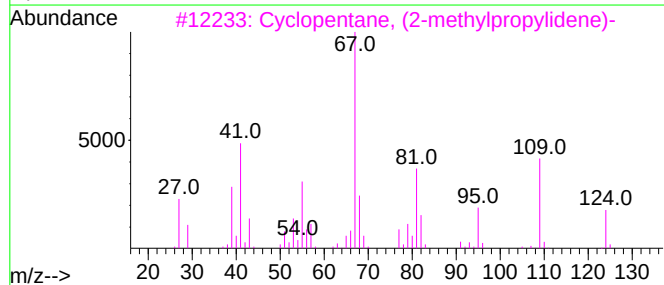
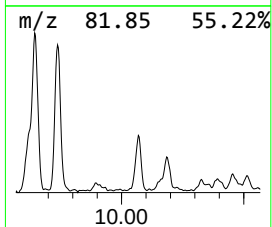
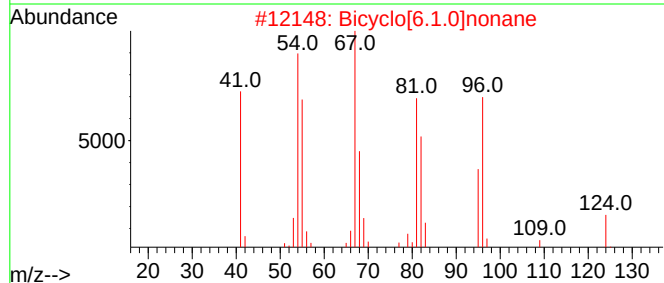
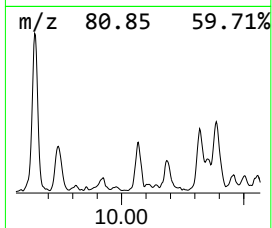
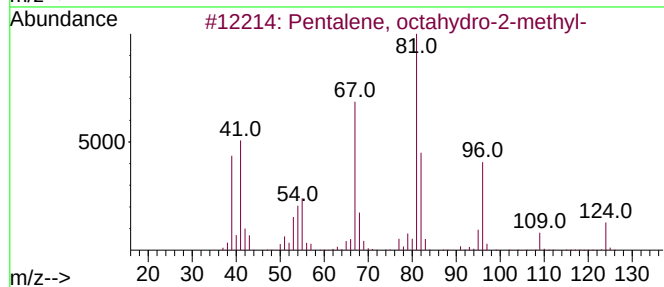
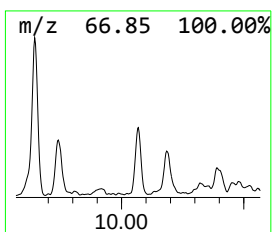
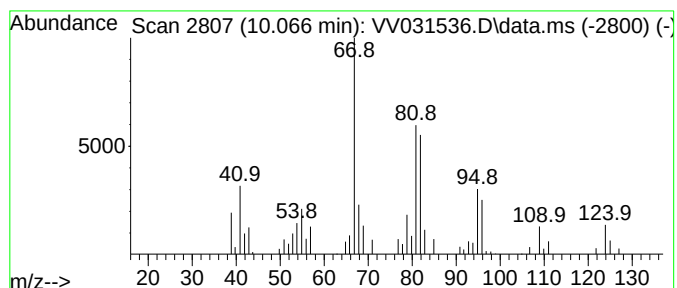
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Pentalene, octahydro-2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.066	4.19 ug/L	82929	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
2			Bicyclo[6.1.0]nonane	124	C9H16	000286-60-2	62
3			Cyclopentane, (2-methylpropylidene)-	124	C9H16	053366-58-8	49
4			Cyclopentene, 1-butyl-	124	C9H16	002423-01-0	49
5			Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

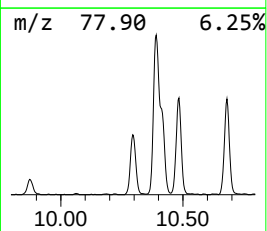
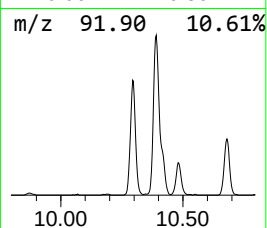
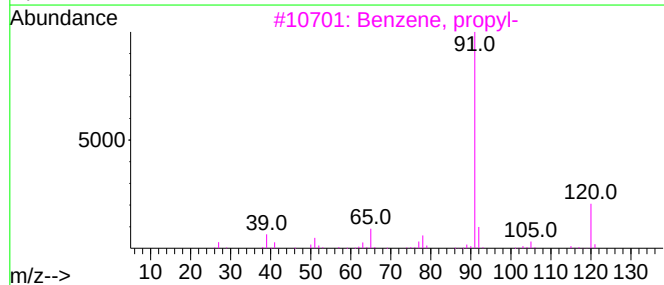
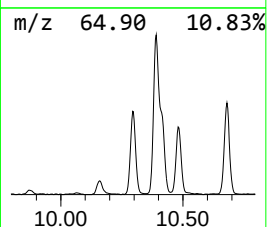
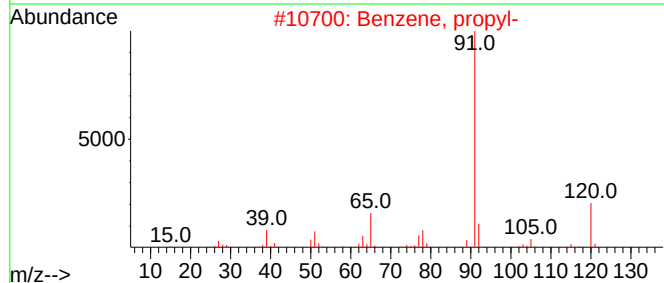
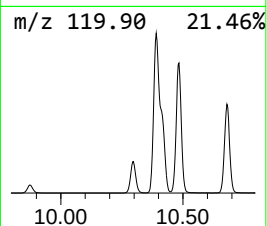
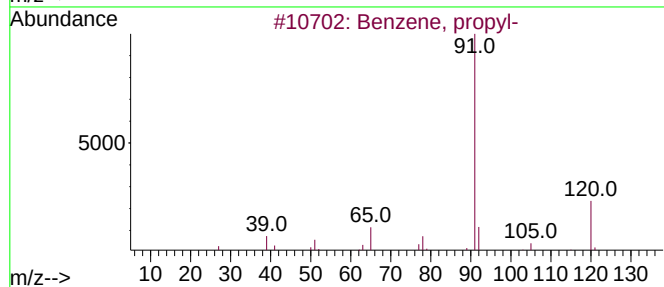
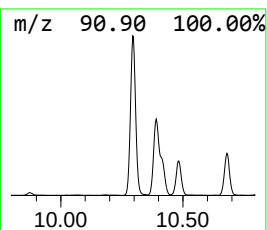
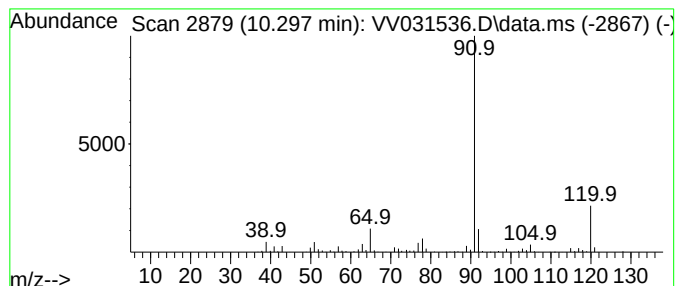
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.297	44.20 ug/L	875470	1,4-Dichlorobenzene-d4	11.191

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	93
3			Benzene, propyl-	120	C9H12	000103-65-1	87
4			Benzene, propyl-	120	C9H12	000103-65-1	83
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

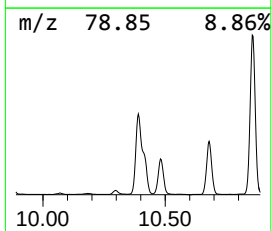
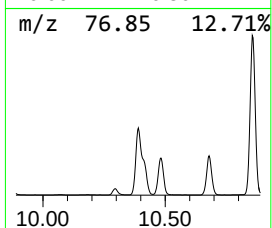
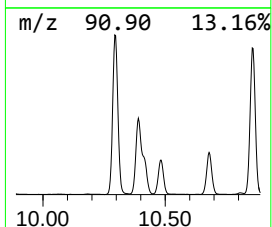
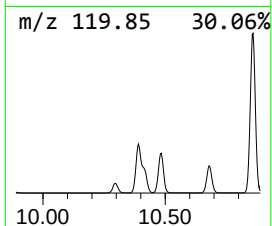
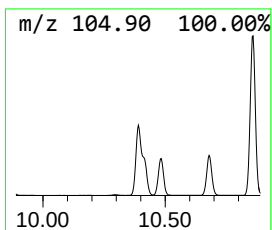
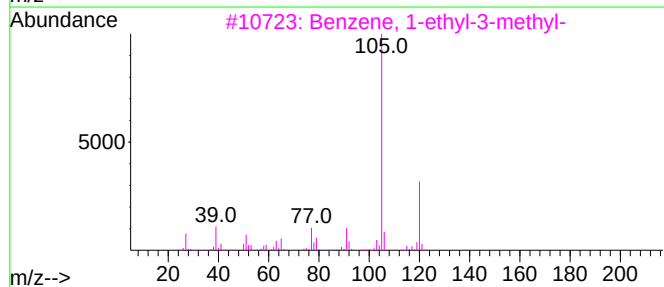
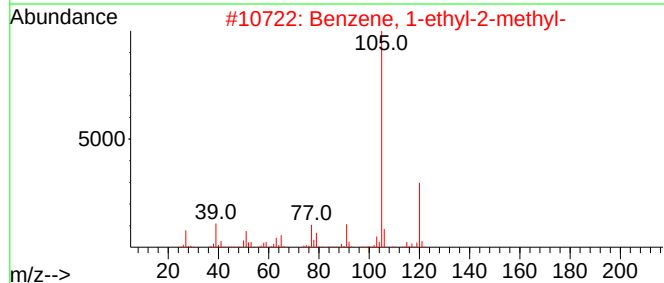
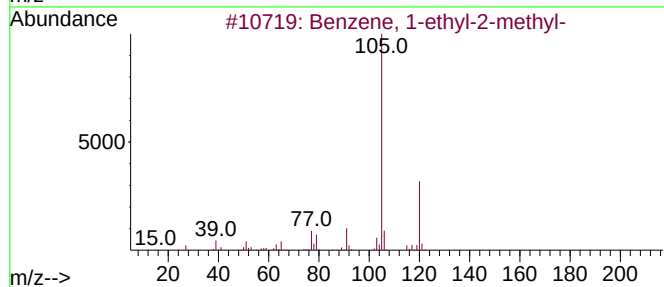
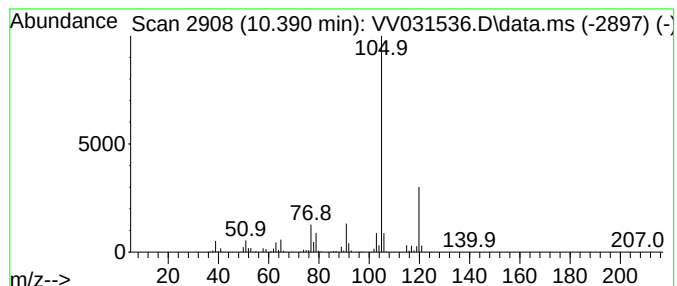
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	247.98 ug/L	4912320	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

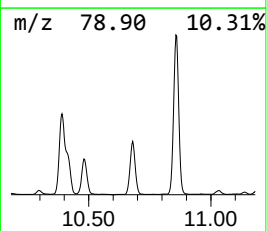
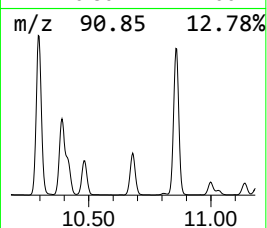
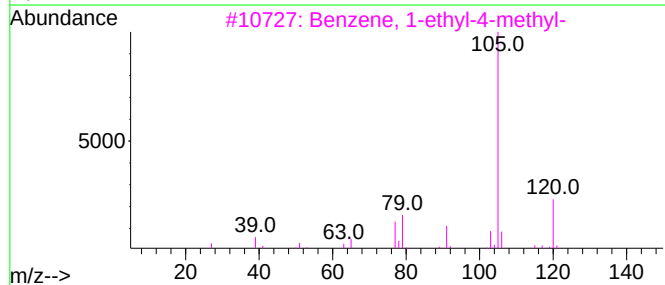
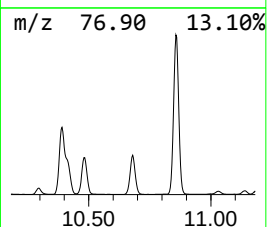
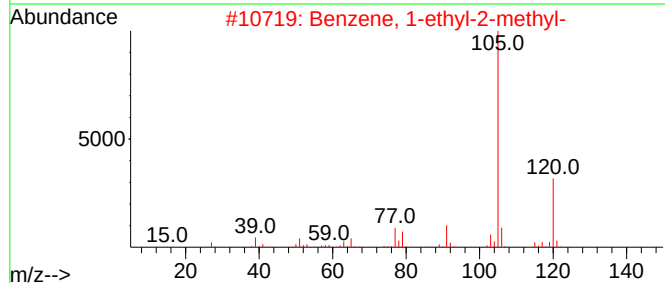
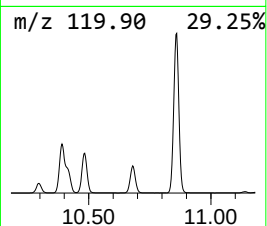
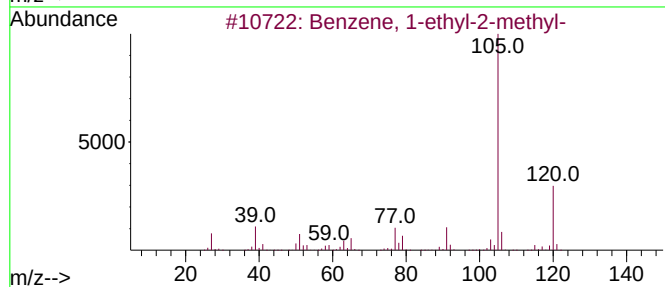
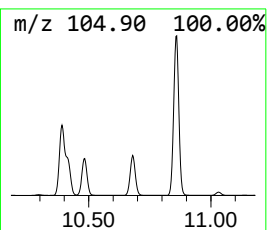
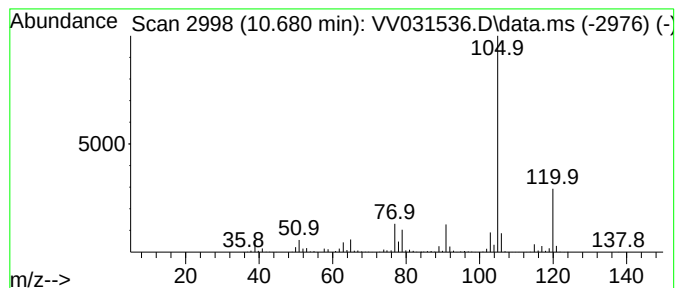
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.680	104.19 ug/L	2063820	1,4-Dichlorobenzene-d4	11.191

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	93
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

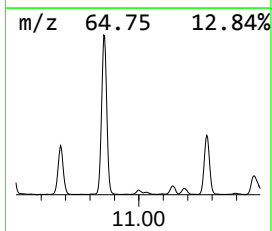
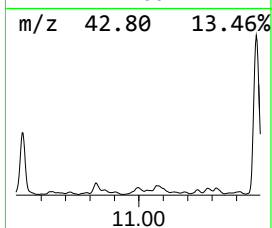
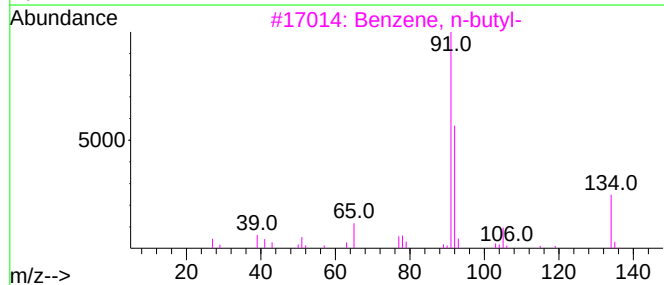
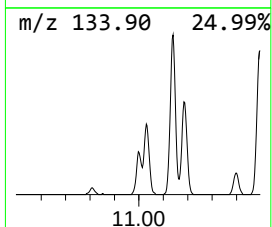
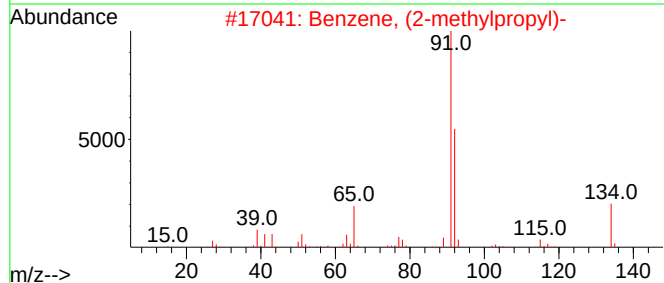
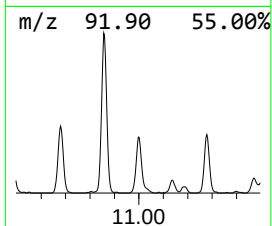
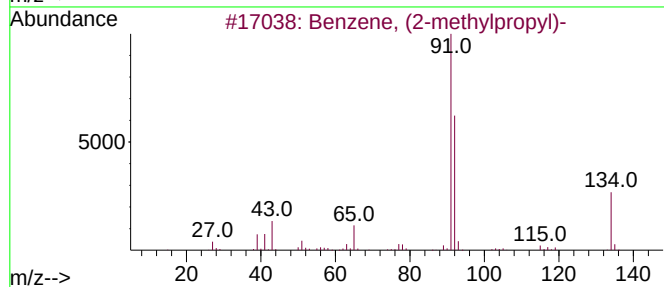
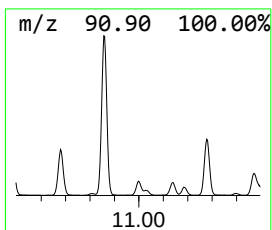
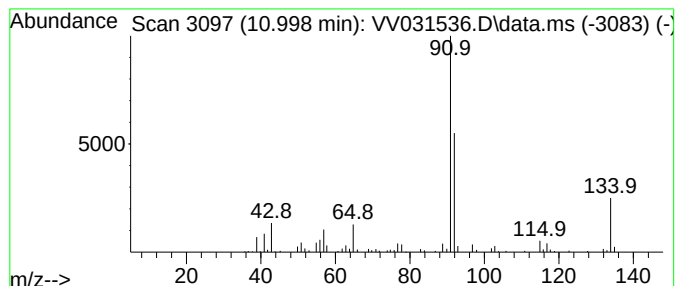
Instrument :
MSVOA_V
ClientSampleId :
EXYT4

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzene, (2-methylpropyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.998	4.86 ug/L	96264	1,4-Dichlorobenzene-d4			11.191
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-		134	C10H14	000538-93-2	83
2	Benzene, (2-methylpropyl)-		134	C10H14	000538-93-2	74
3	Benzene, n-butyl-		134	C10H14	000104-51-8	72
4	Benzene, (2-methylpropyl)-		134	C10H14	000538-93-2	72
5	Benzene, n-butyl-		134	C10H14	000104-51-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

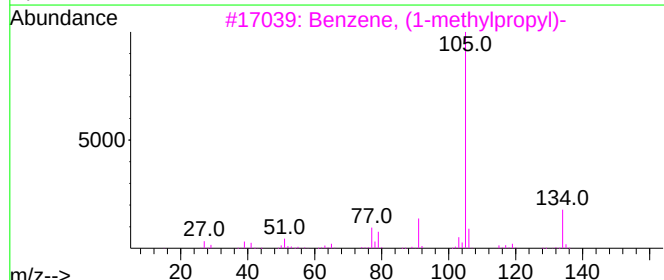
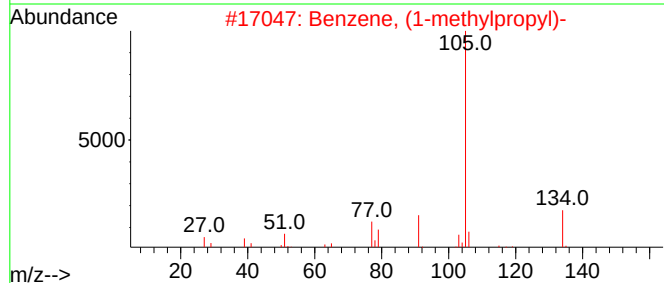
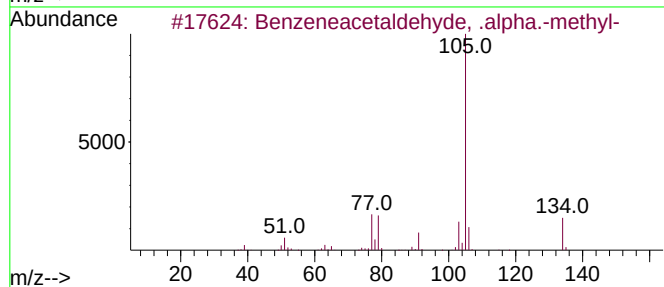
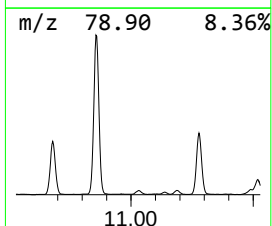
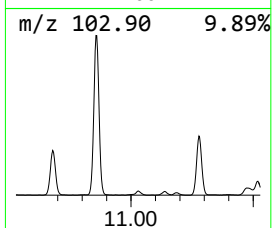
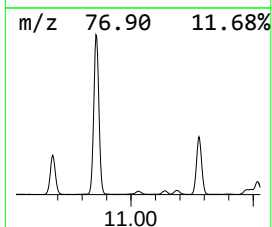
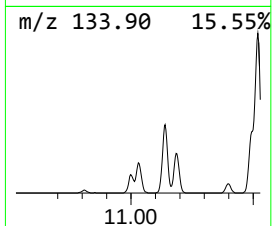
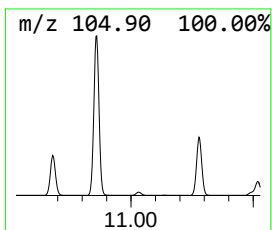
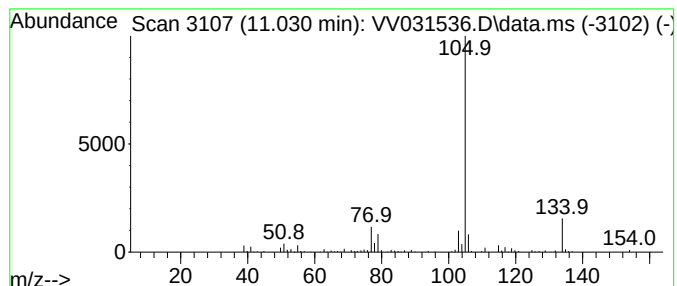
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzeneacetaldehyde, .alpha... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	7.28 ug/L	144274	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

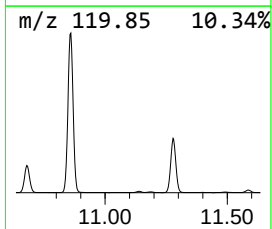
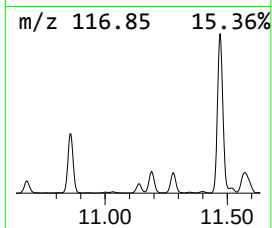
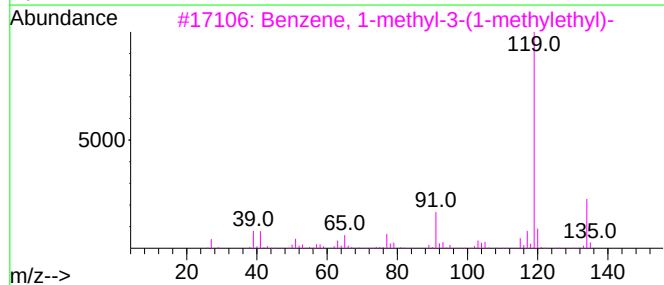
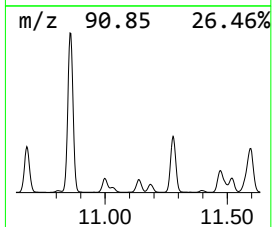
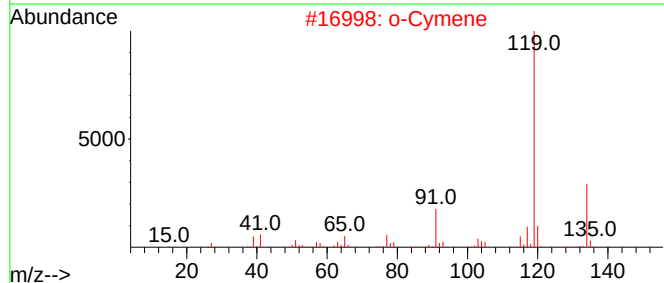
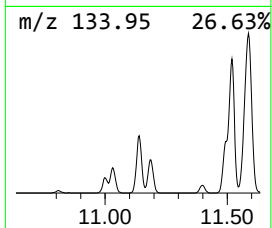
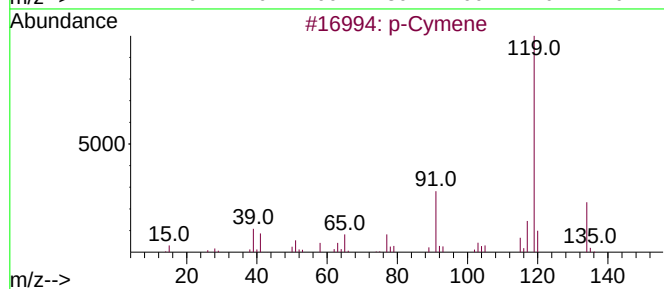
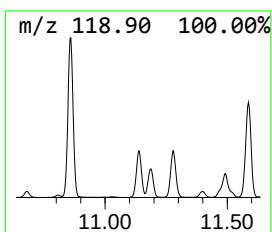
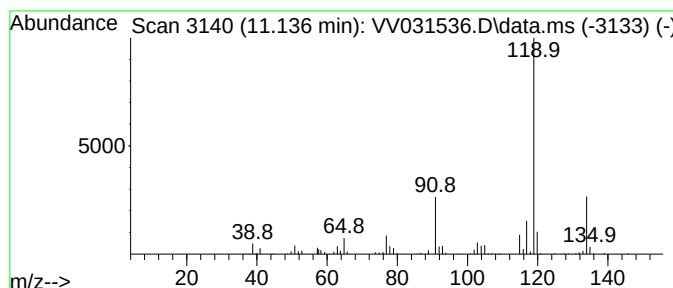
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 p-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.136	12.97 ug/L	256852	1,4-Dichlorobenzene-d4	11.191

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	94
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4			o-Cymene	134	C10H14	000527-84-4	91
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

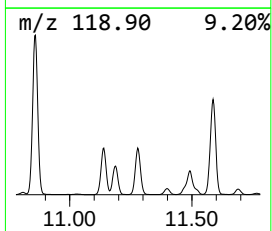
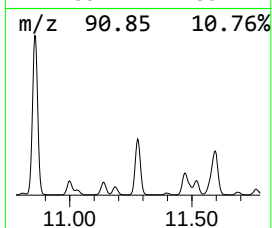
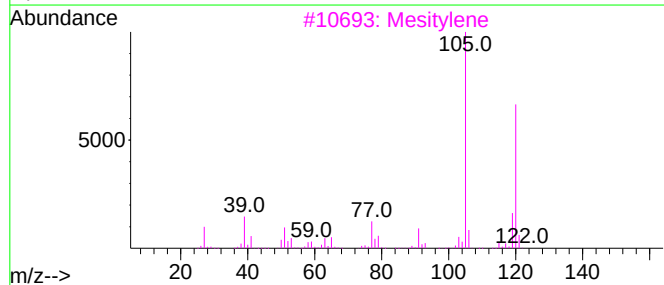
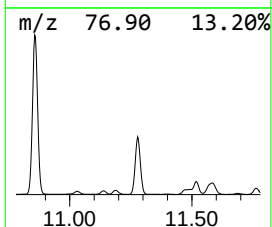
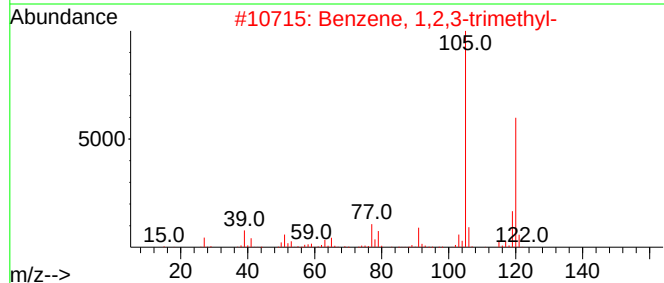
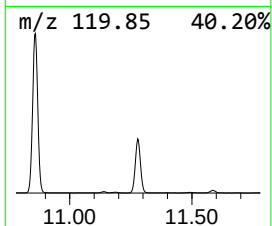
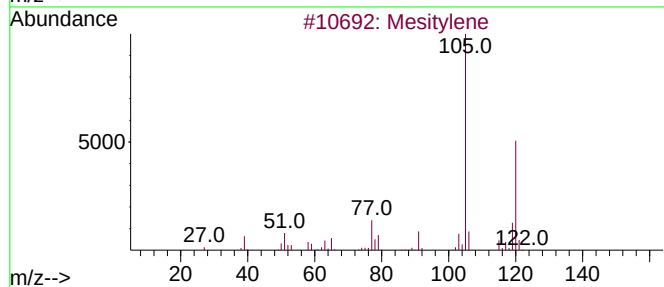
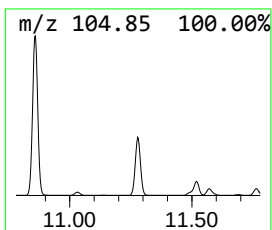
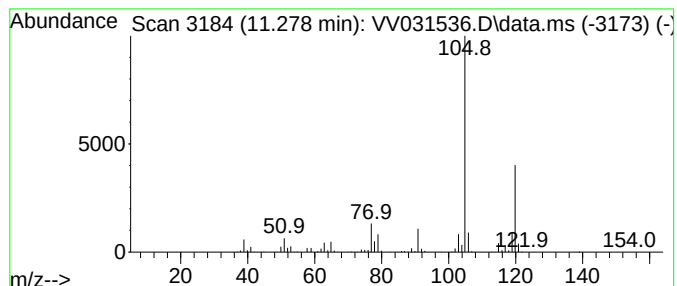
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.278	155.43 ug/L	3078890	1,4-Dichlorobenzene-d4	11.191

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	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

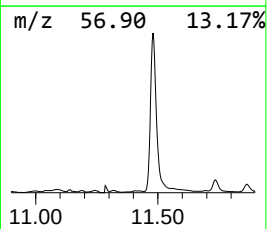
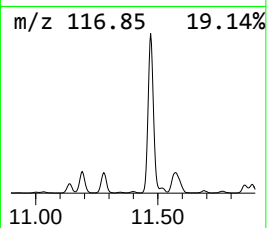
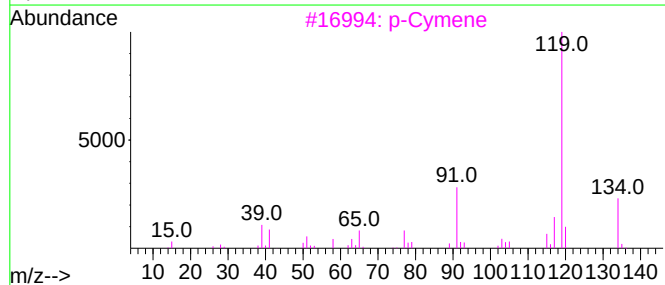
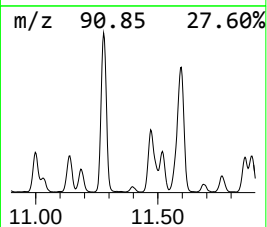
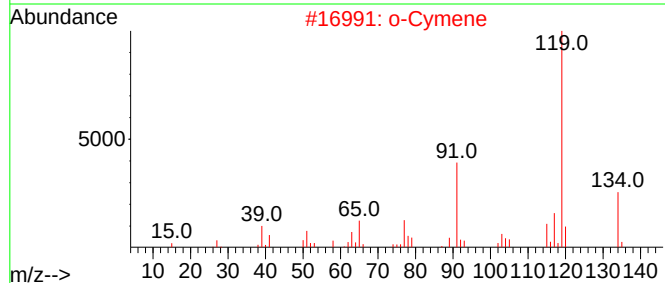
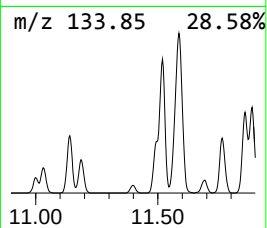
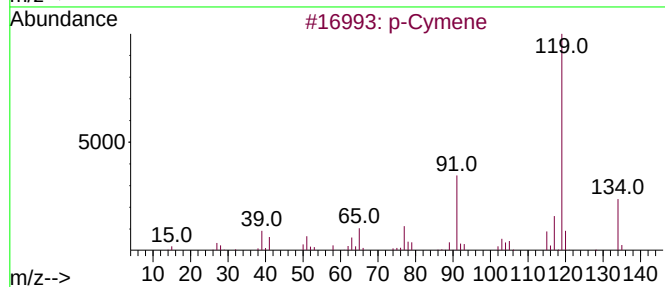
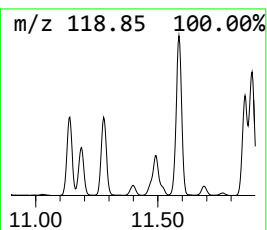
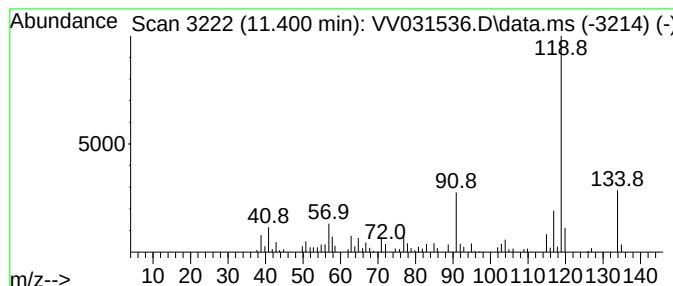
Instrument :
MSVOA_V
ClientSampleId :
EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 o-Cymene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.400	2.86 ug/L	56712	1,4-Dichlorobenzene-d4		11.191	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	p-Cymene		134	C10H14	000099-87-6	94
2	o-Cymene		134	C10H14	000527-84-4	90
3	p-Cymene		134	C10H14	000099-87-6	90
4	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	90
5	o-Cymene		134	C10H14	000527-84-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

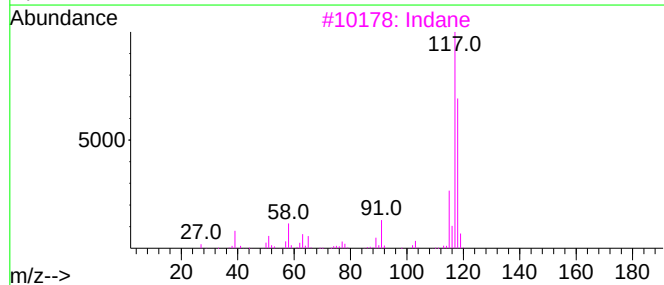
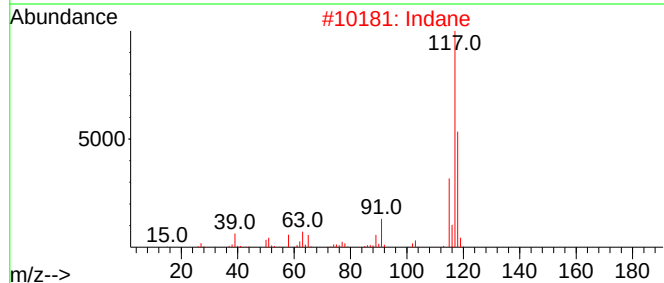
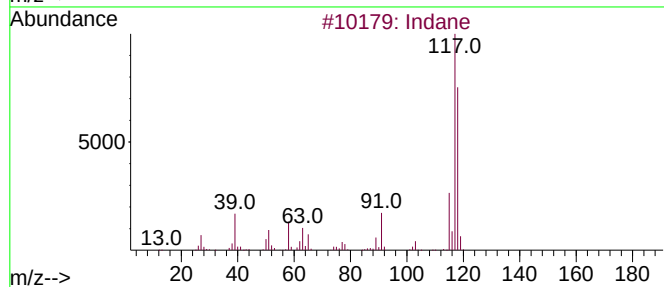
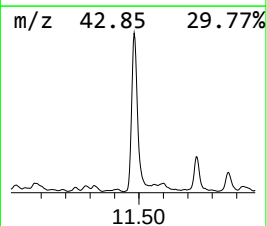
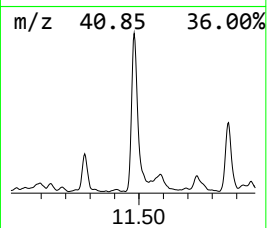
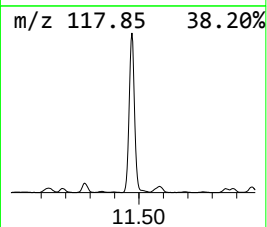
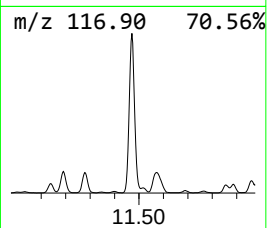
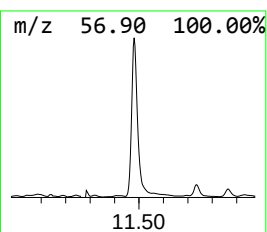
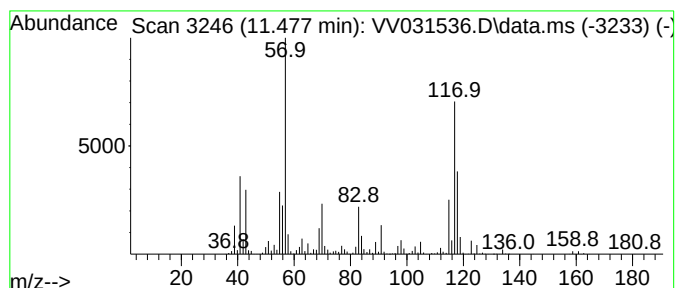
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.477	125.02 ug/L	2476530	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	83
2			Indane	118	C9H10	000496-11-7	83
3			Indane	118	C9H10	000496-11-7	42
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	42
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

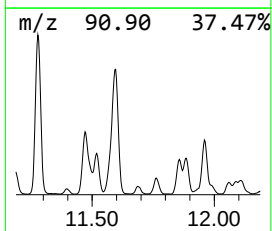
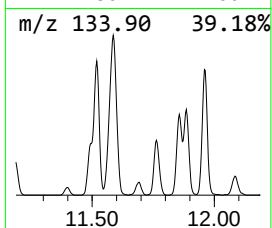
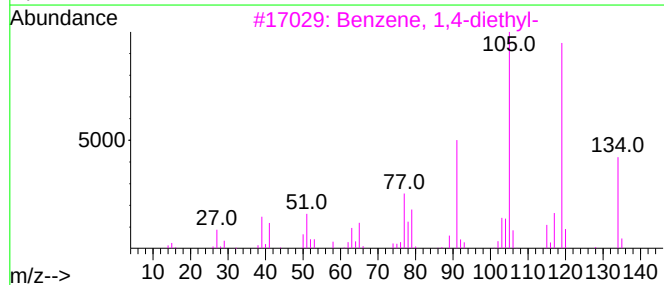
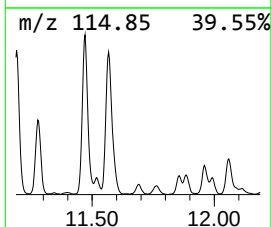
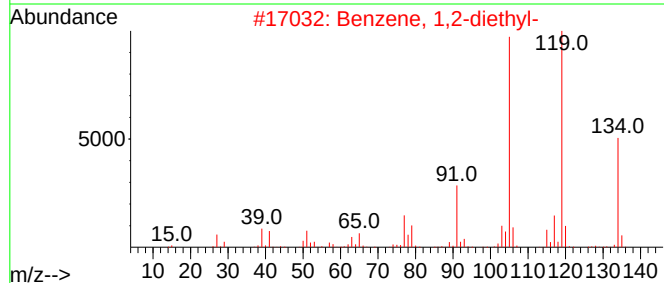
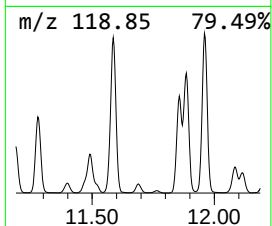
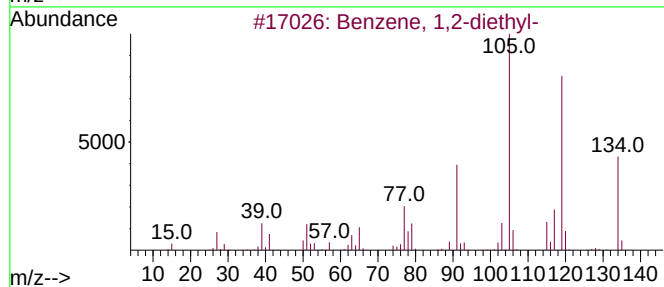
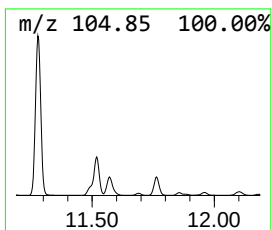
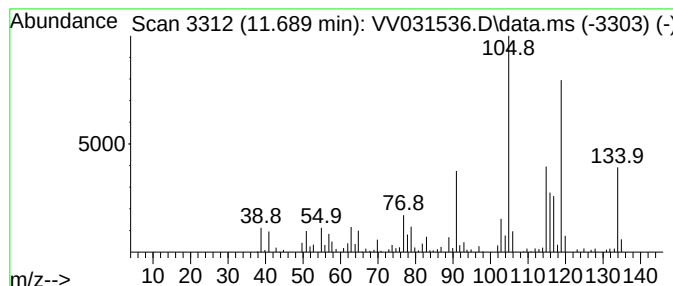
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Benzene, 1,2-diethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.689	4.84 ug/L	95929	1,4-Dichlorobenzene-d4	11.191

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	76
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	76
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

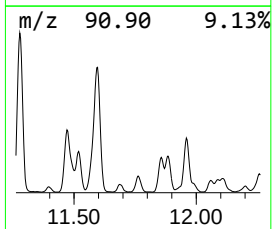
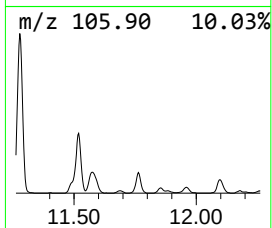
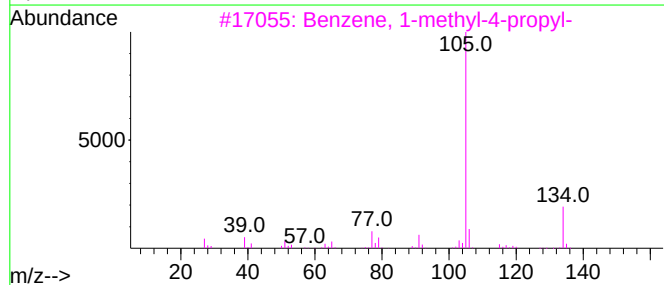
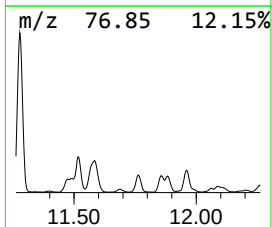
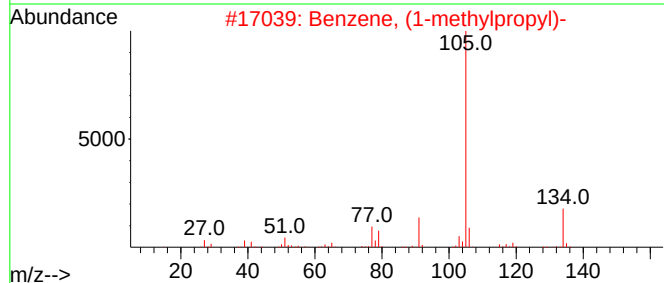
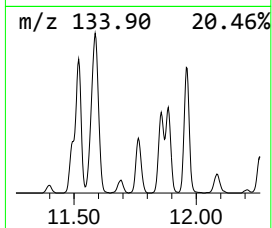
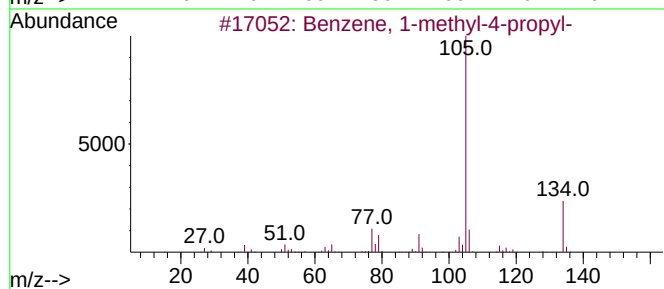
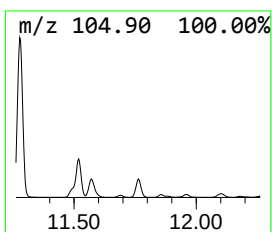
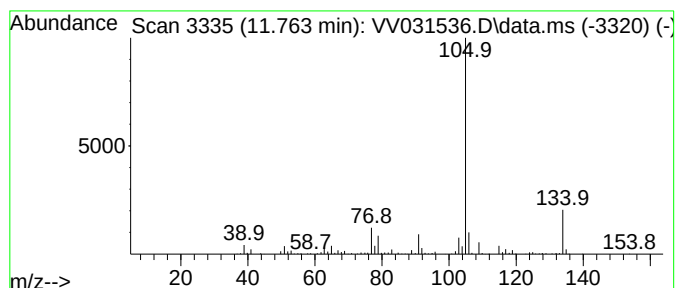
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	25.06 ug/L	496464	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

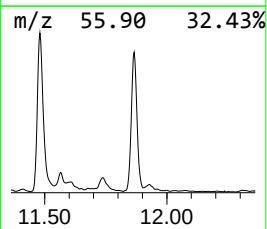
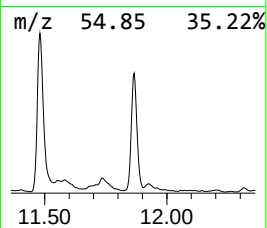
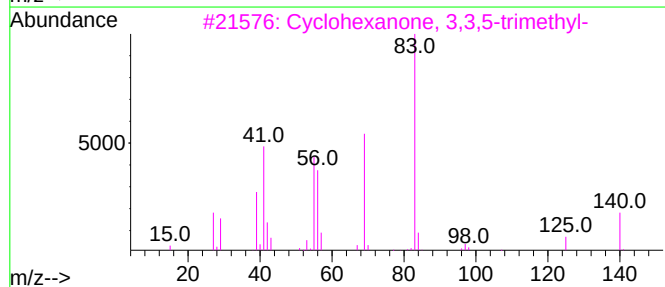
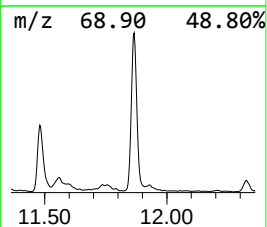
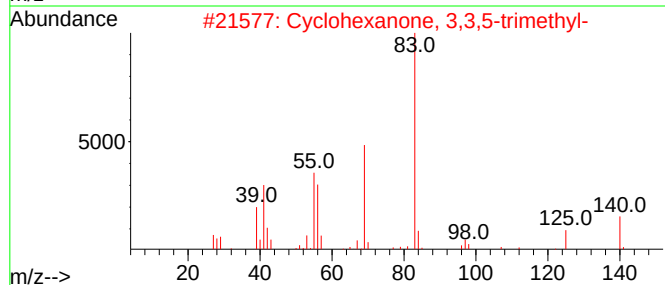
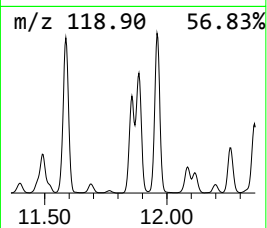
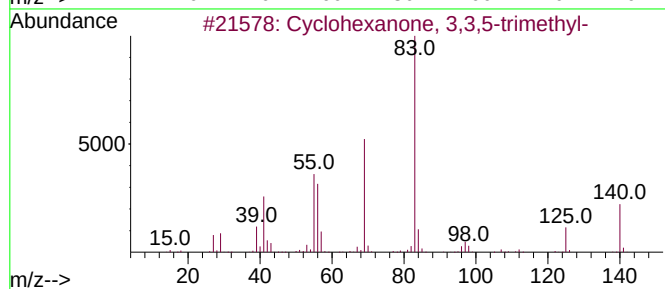
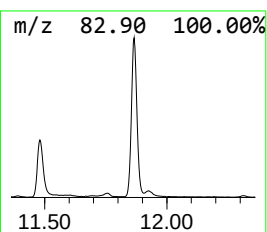
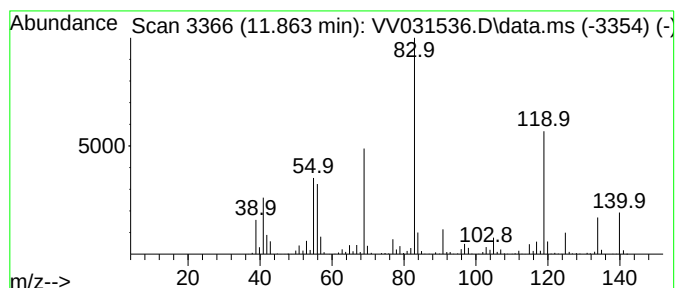
Instrument :
MSVOA_V
ClientSampleId :
EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Cyclohexanone, 3,3,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.863	78.75 ug/L	1559880	1,4-Dichlorobenzene-d4			11.191
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-		140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-		140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-		140	C9H16O	000873-94-9	70
4	Cyclohexanone, 3,3,5-trimethyl-		140	C9H16O	000873-94-9	70
5	Benzene, 2-ethyl-1,3-dimethyl-		134	C10H14	002870-04-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

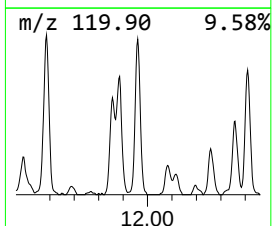
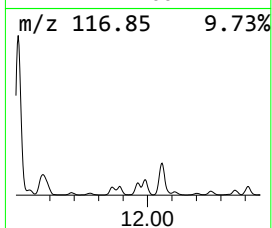
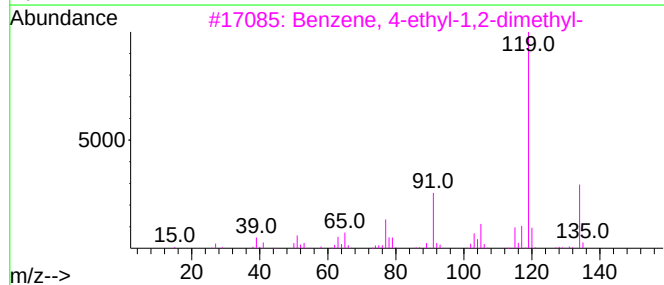
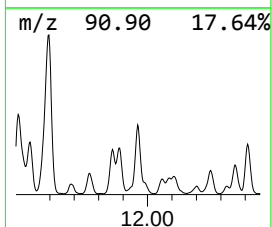
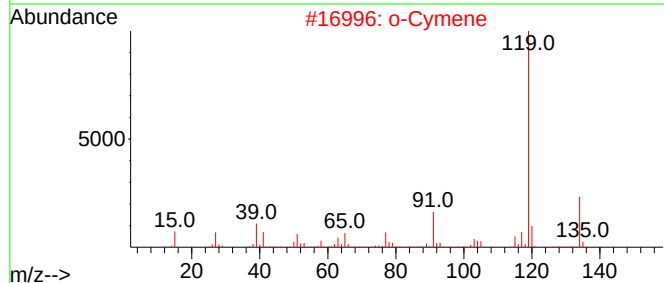
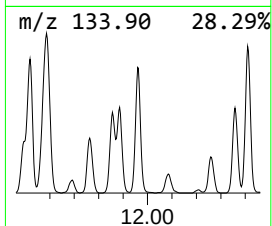
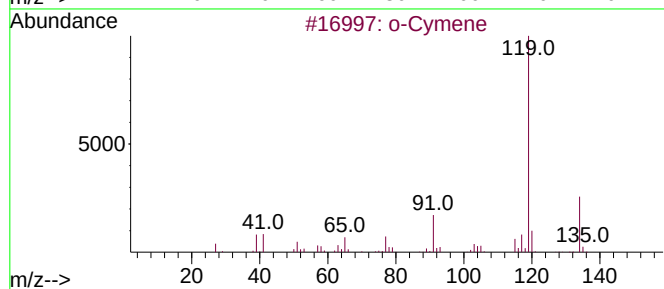
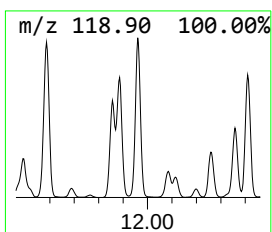
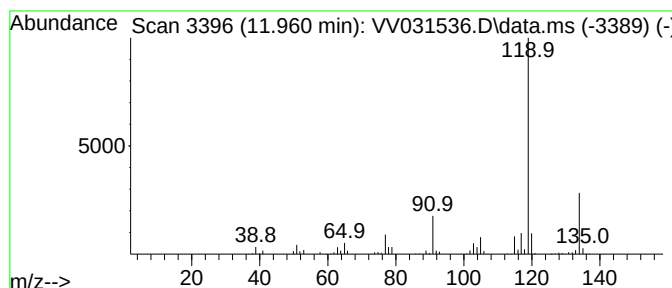
Instrument :
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ClientSampleId :
EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.960	35.76 ug/L	708392	1,4-Dichlorobenzene-d4			11.191
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, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	97
4	o-Cymene		134	C10H14	000527-84-4	97
5	Benzene, 1-ethyl-2,4-dimethyl-		134	C10H14	000874-41-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

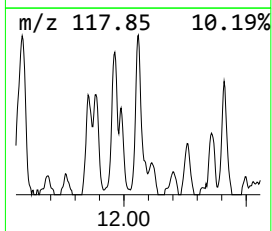
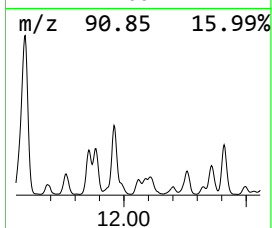
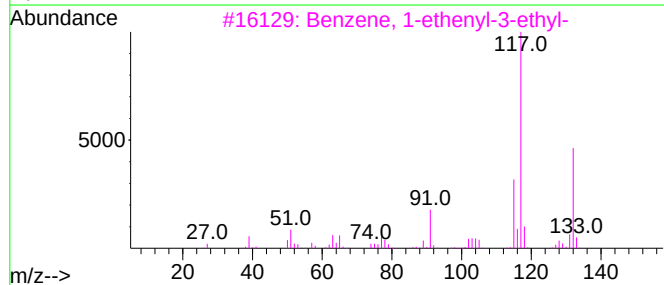
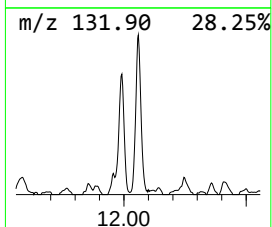
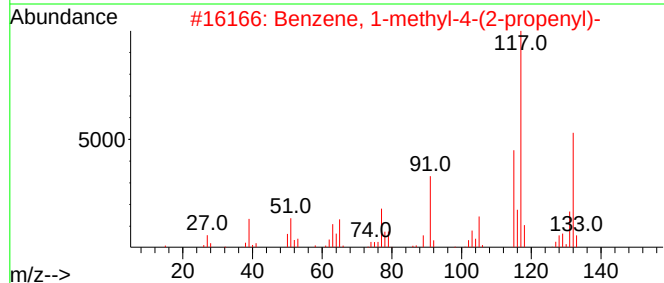
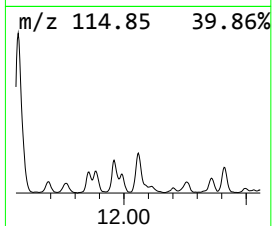
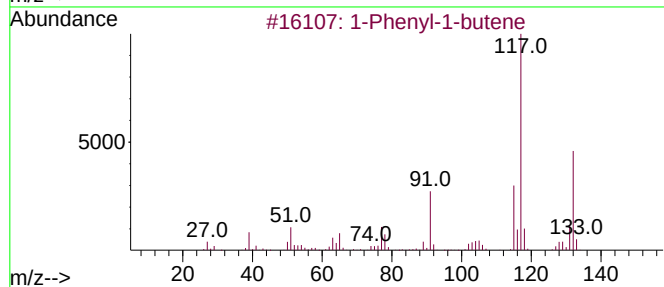
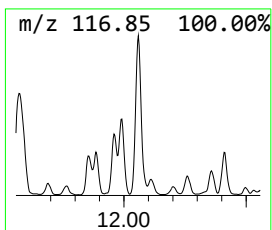
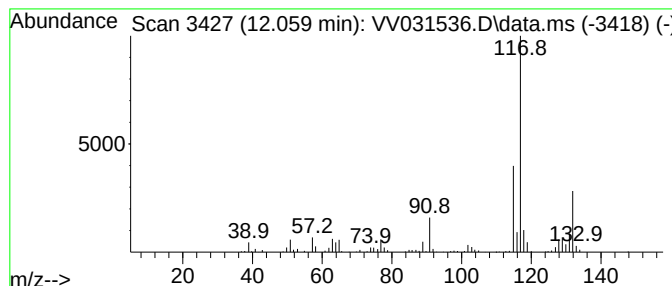
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 1-Phenyl-1-butene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.059	9.53 ug/L	188685	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
3			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

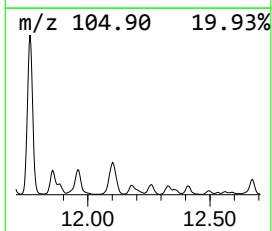
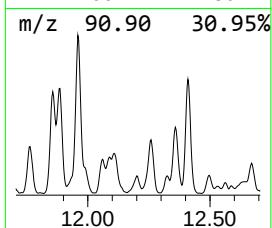
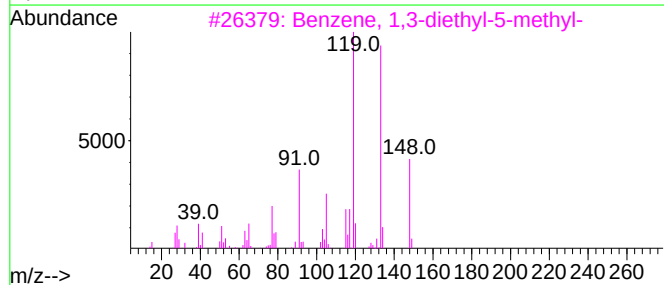
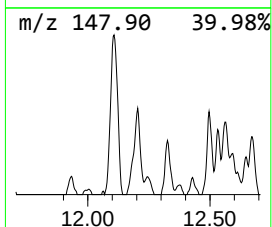
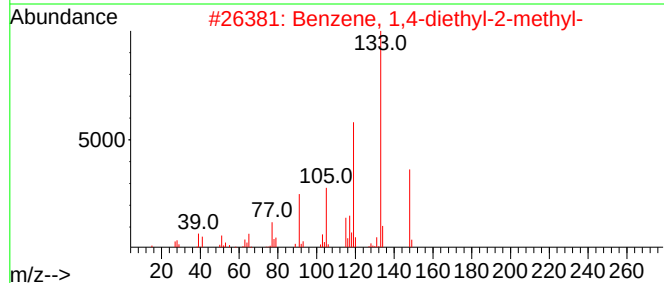
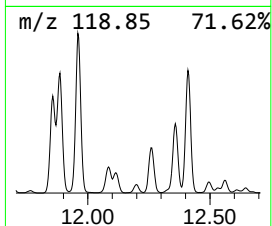
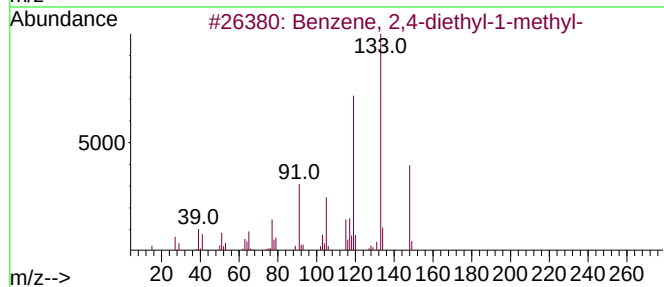
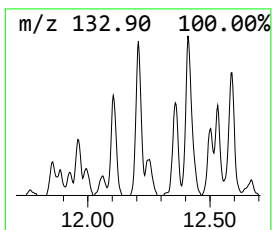
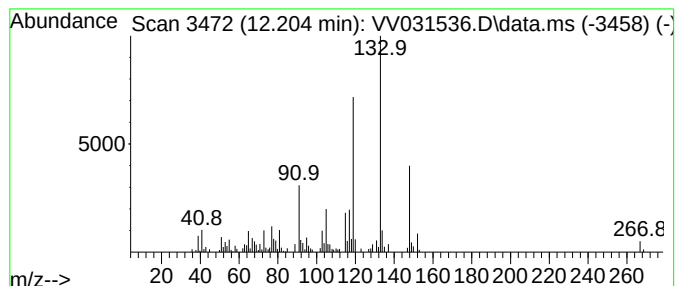
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	5.15 ug/L	101926	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	95
2			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	90
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	76
4			Benzene, pentamethyl-	148	C11H16	000700-12-9	64
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

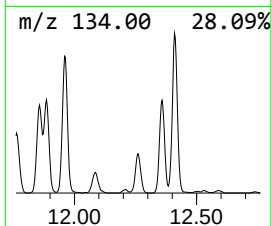
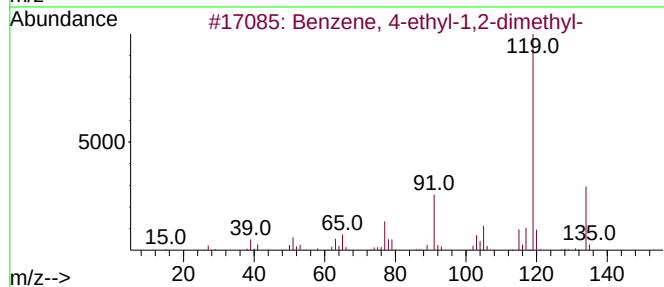
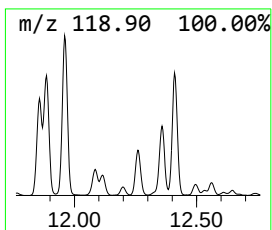
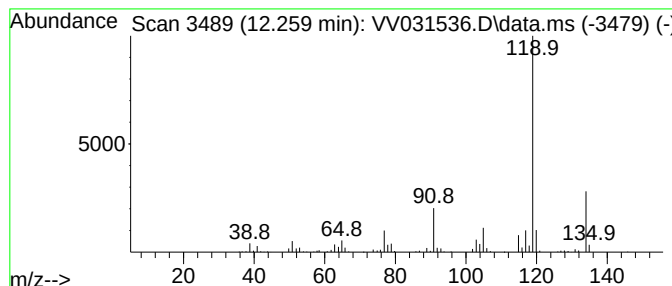
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.259	10.54 ug/L	208750	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			p-Cymene	134	C10H14	000099-87-6	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

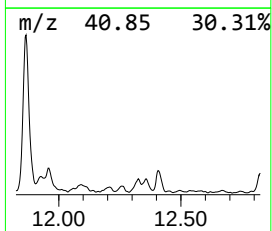
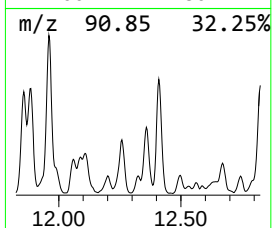
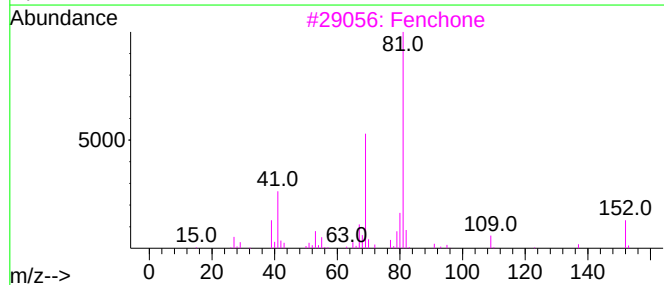
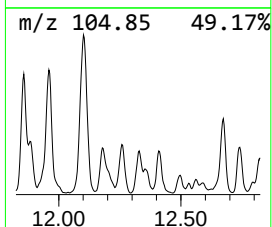
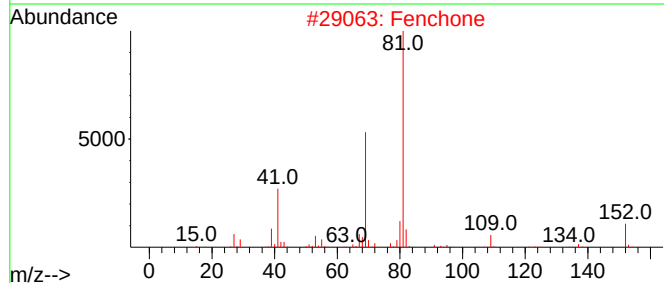
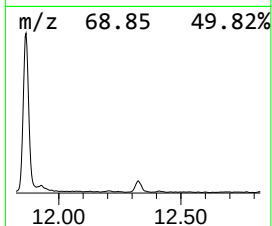
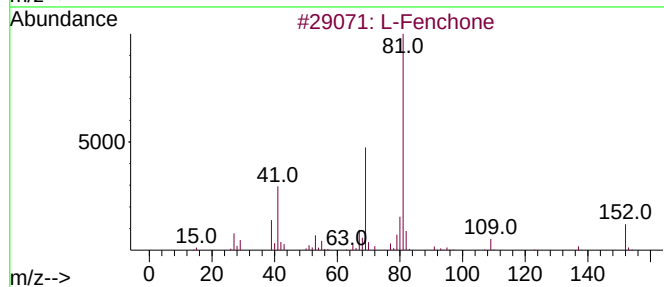
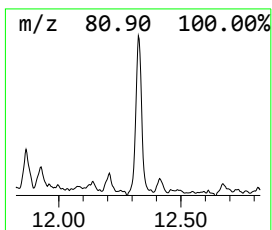
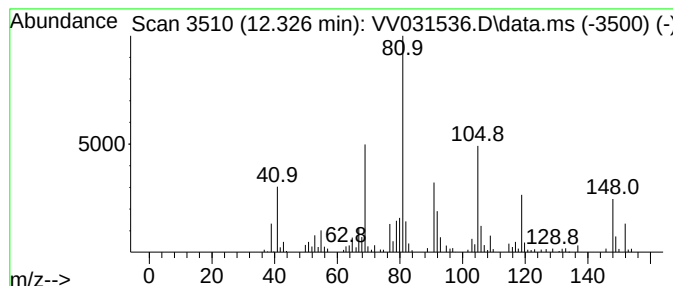
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 L-Fenchone Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.326	4.17 ug/L	82566	1,4-Dichlorobenzene-d4	11.191

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		L-Fenchone	152	C10H16O	007787-20-4	55
2		Fenchone	152	C10H16O	001195-79-5	55
3		Fenchone	152	C10H16O	001195-79-5	55
4		L-Fenchone	152	C10H16O	007787-20-4	55
5		D-Fenchone	152	C10H16O	004695-62-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

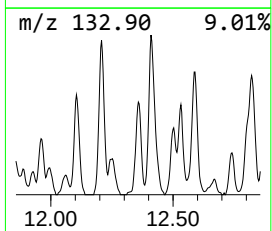
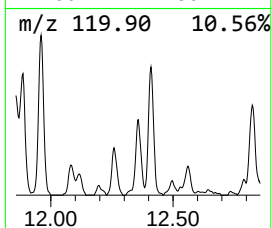
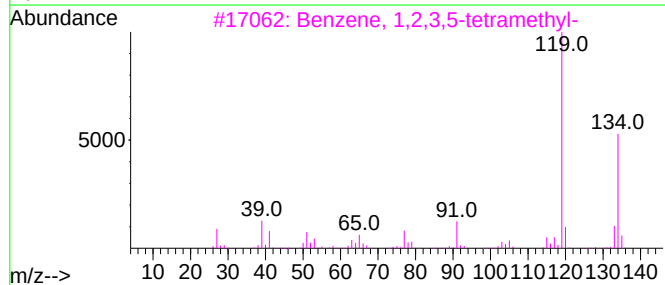
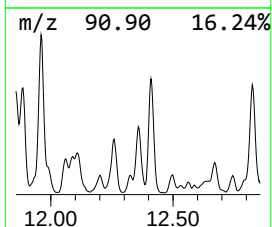
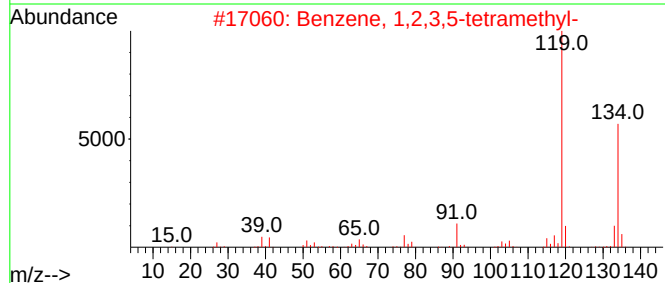
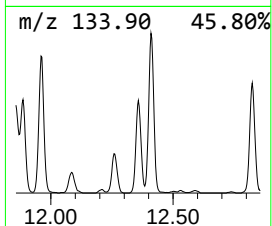
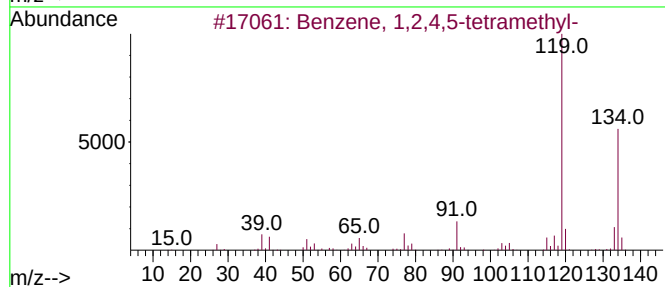
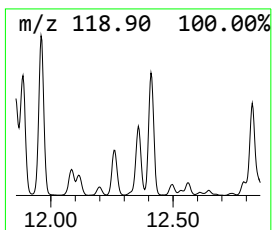
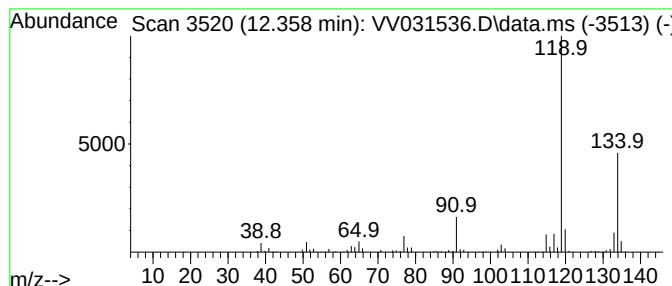
Instrument :
MSVOA_V
ClientSampleId :
EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.358	13.34 ug/L	264222	1,4-Dichlorobenzene-d4			11.191
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	97
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, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

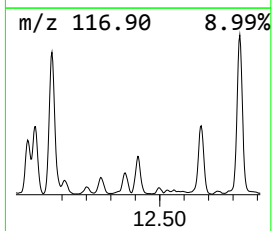
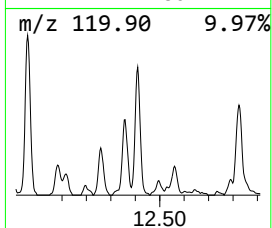
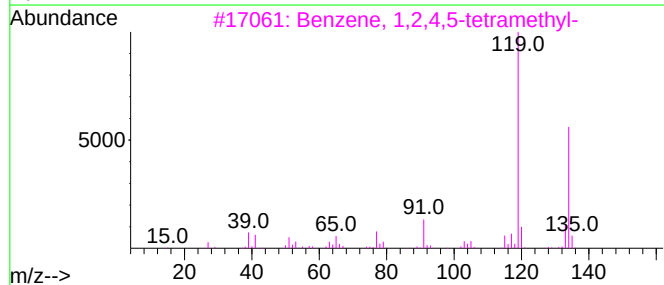
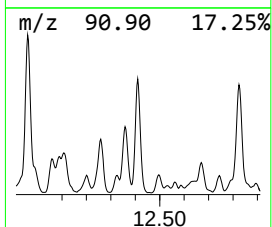
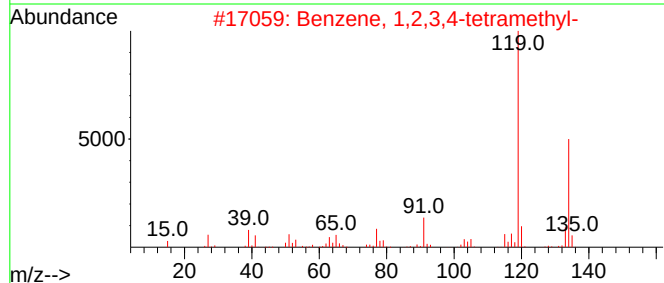
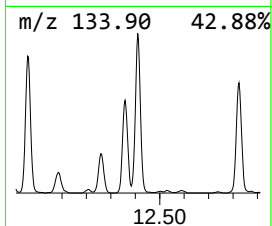
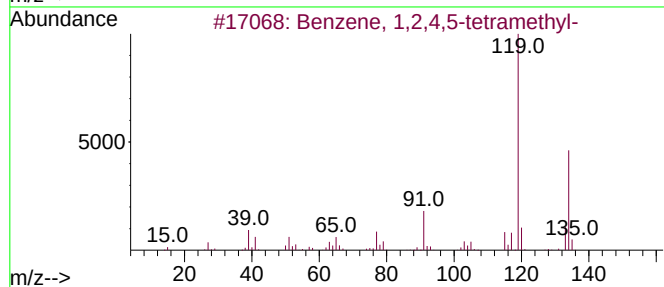
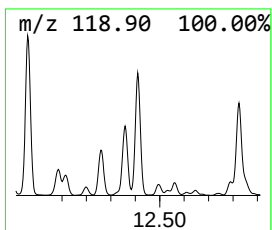
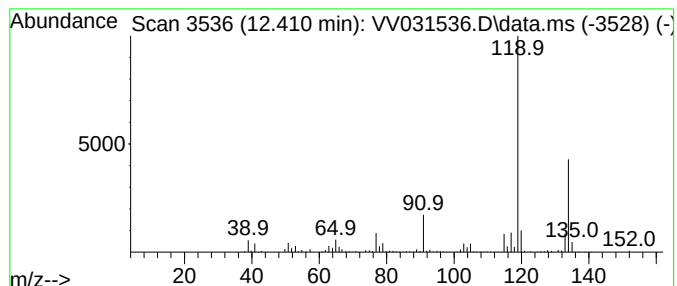
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	24.78 ug/L	490887	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

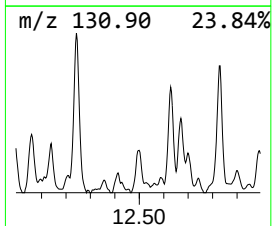
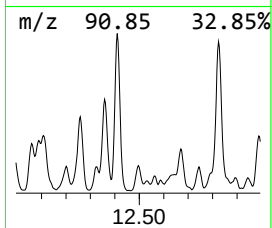
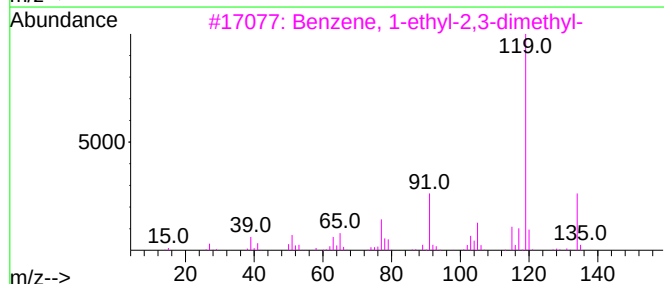
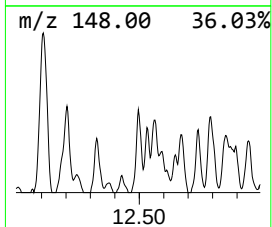
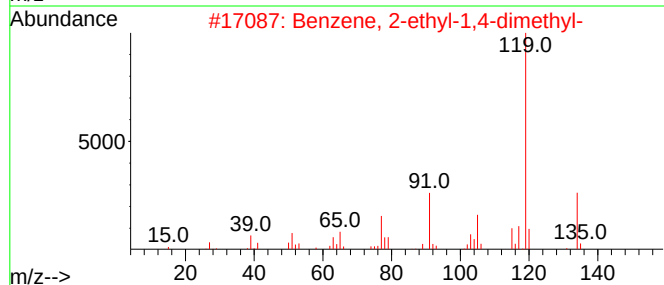
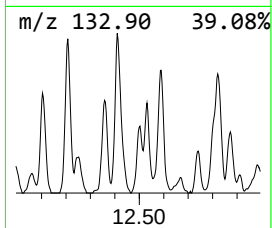
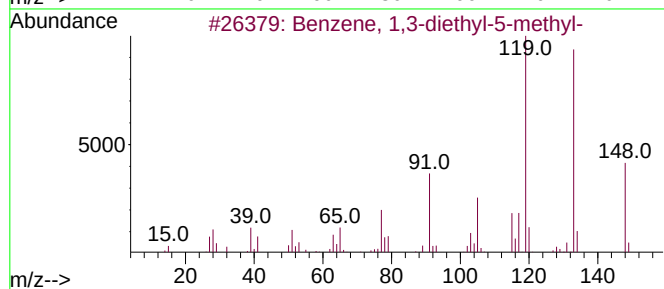
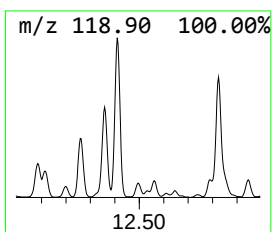
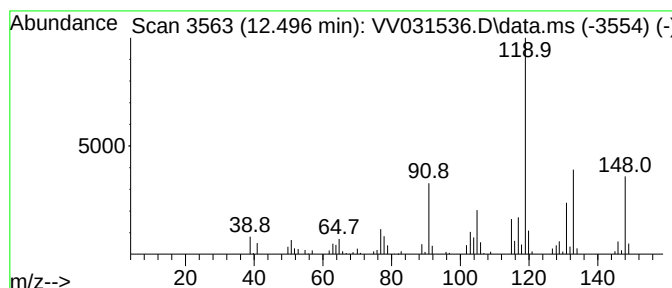
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.496	3.25 ug/L	64295	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	86
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

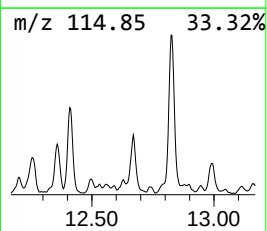
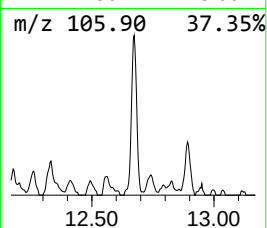
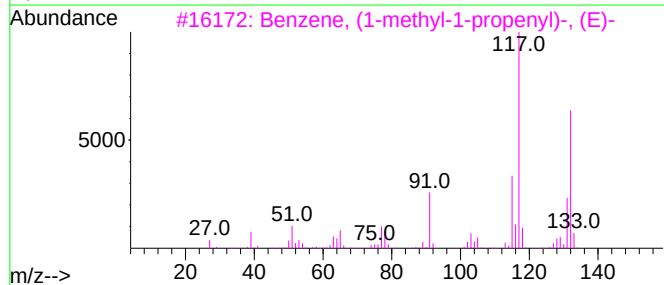
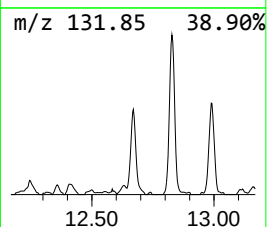
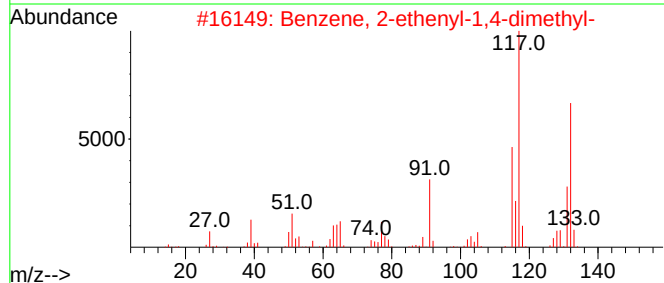
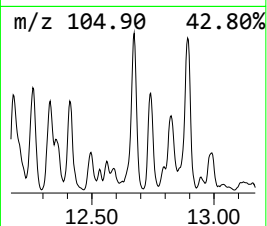
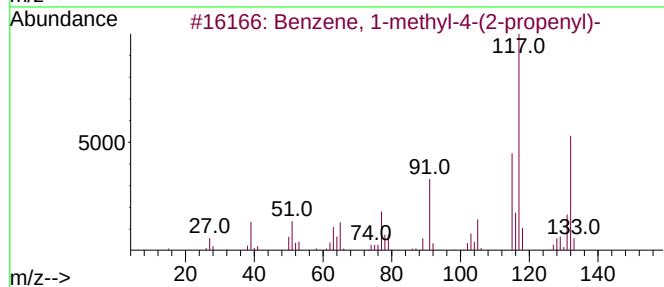
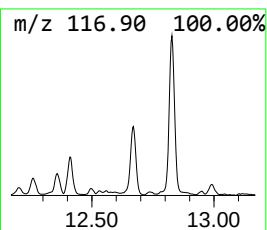
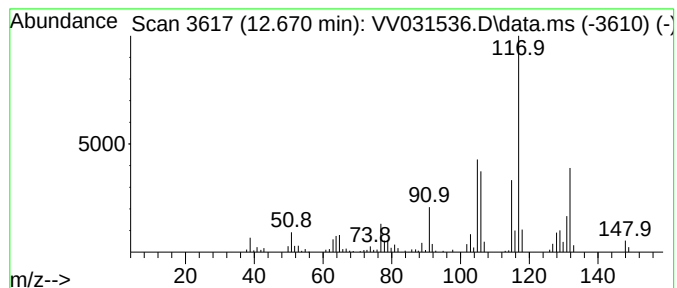
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Benzene, 1-methyl-4-(2-prop... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	7.45 ug/L	147529	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
4			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	81
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

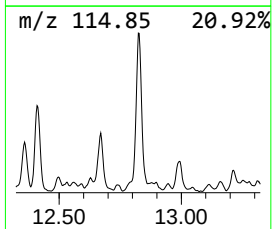
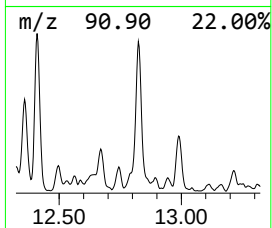
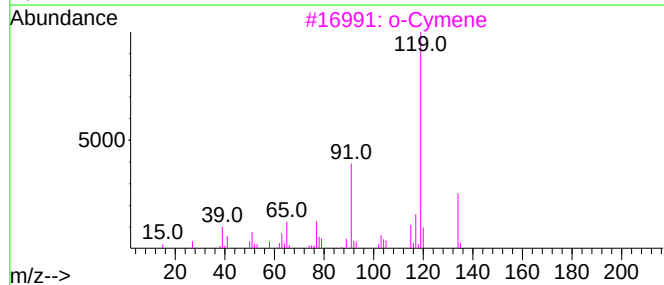
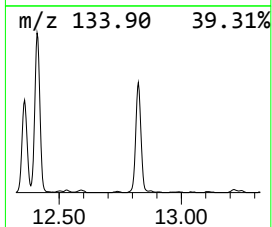
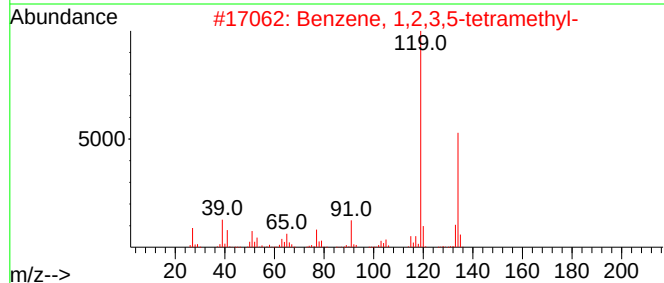
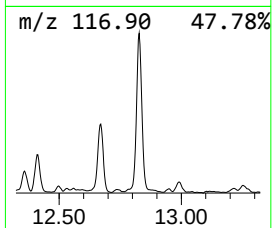
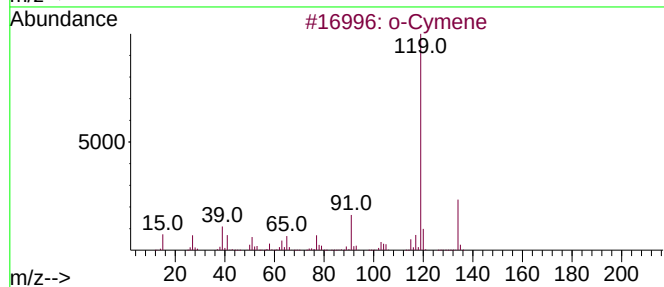
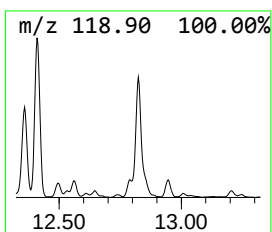
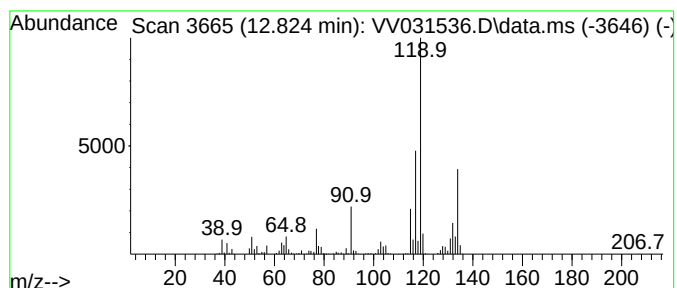
Instrument :
MSVOA_V
ClientSampleId :
EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.824	32.74 ug/L	648474	1,4-Dichlorobenzene-d4			11.191
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	64
2	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	64
3	o-Cymene		134	C10H14	000527-84-4	64
4	Benzene, 1,2,4,5-tetramethyl-		134	C10H14	000095-93-2	64
5	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

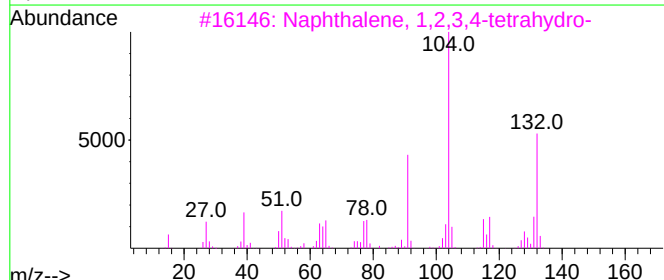
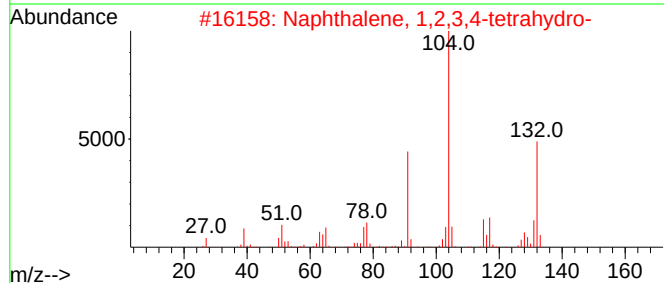
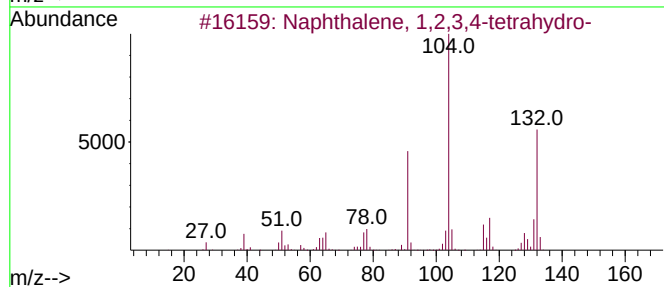
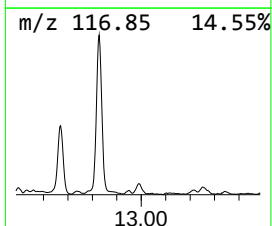
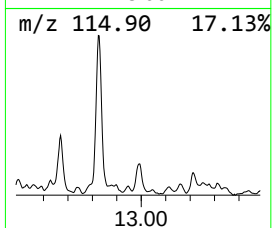
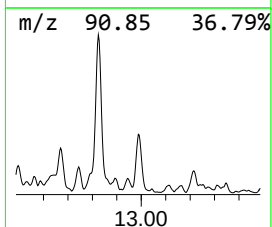
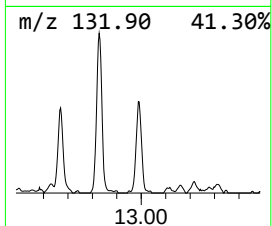
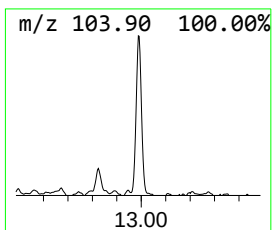
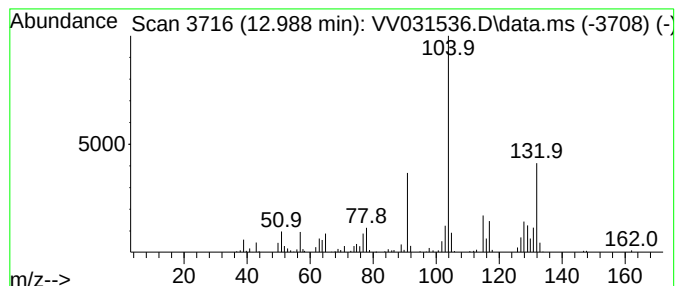
Instrument :
MSVOA_V
ClientSampleId :
EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.988	5.86 ug/L	116071	1,4-Dichlorobenzene-d4			11.191
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	94
4	Naphthalene, 1,2,3,4-tetrahydro-		132	C10H12	000119-64-2	93
5	Indan, epoxide		132	C9H8O	000768-22-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

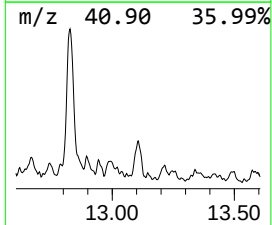
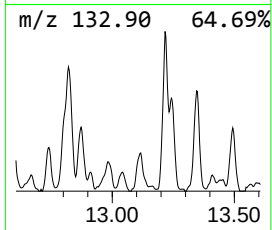
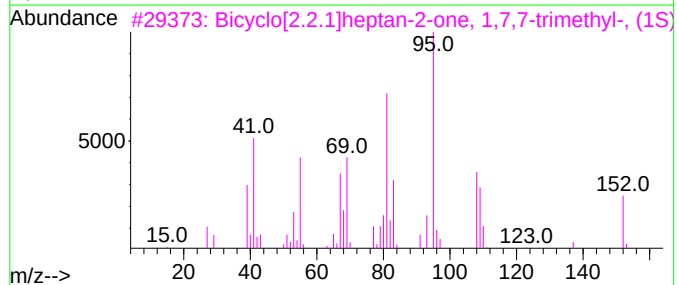
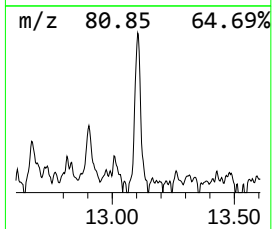
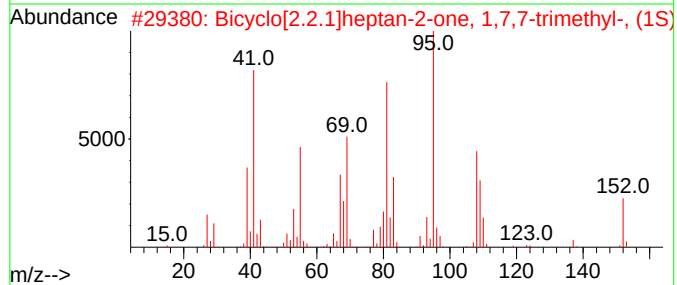
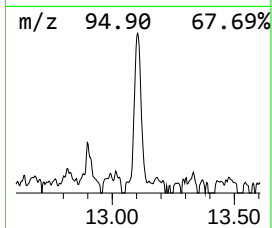
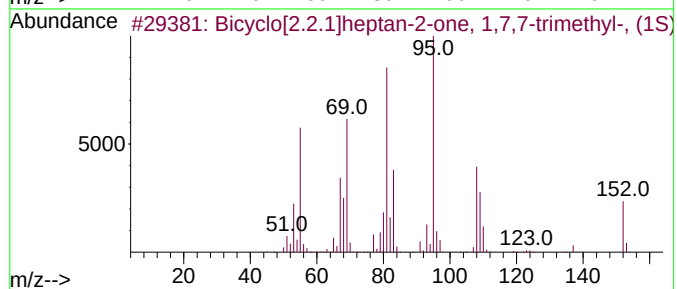
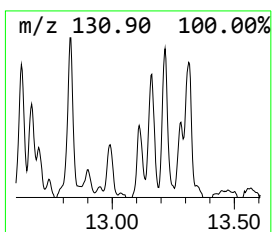
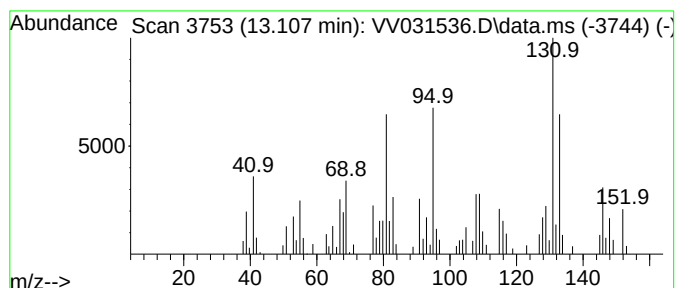
Instrument :
MSVOA_V
ClientSampleId :
EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.107	2.80 ug/L	55480	1,4-Dichlorobenzene-d4		11.191	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...		152	C10H16O	000464-48-2	93
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...		152	C10H16O	000464-48-2	93
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...		152	C10H16O	000464-48-2	92
4	(+) -2-Bornanone		152	C10H16O	000464-49-3	92
5	(+) -2-Bornanone		152	C10H16O	000464-49-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

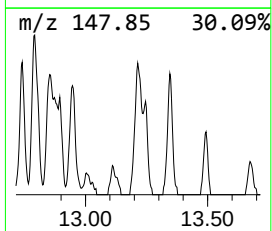
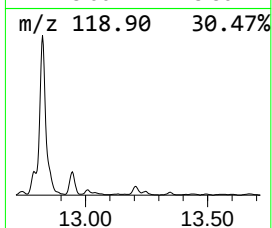
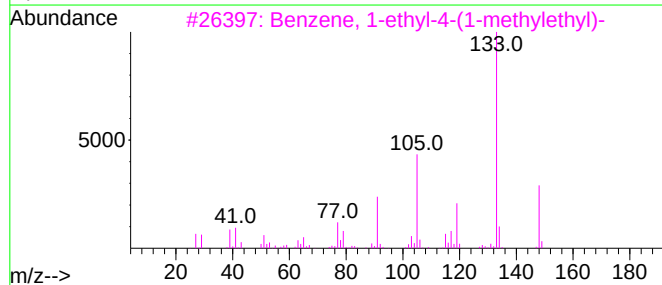
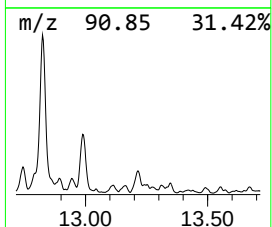
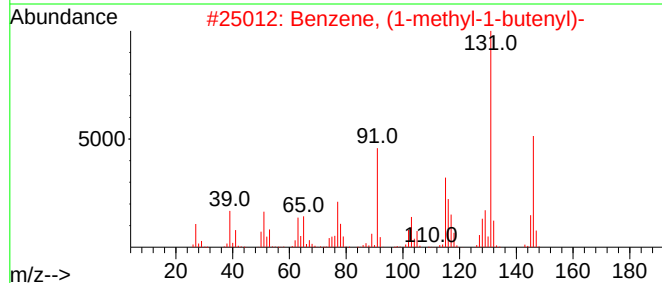
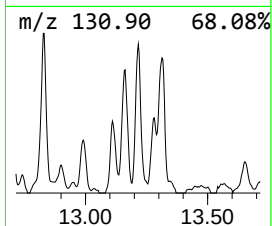
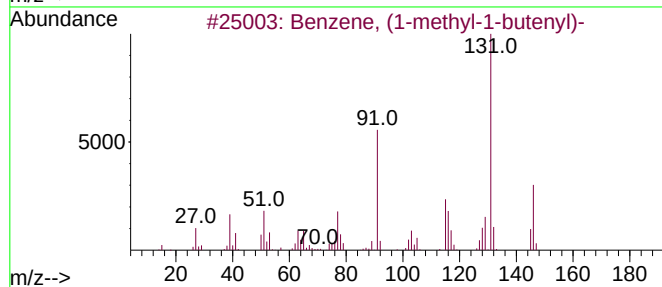
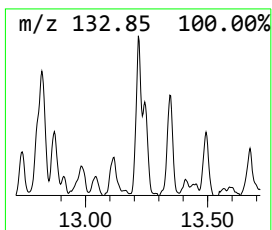
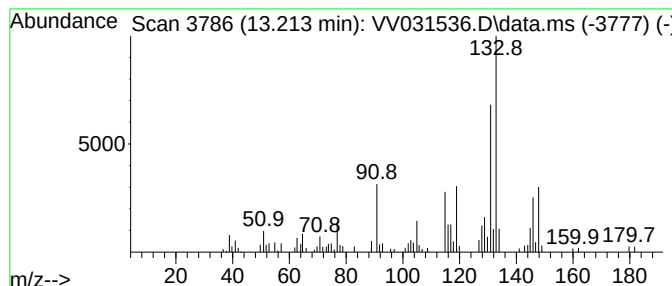
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Benzene, (1-methyl-1-butenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.214	4.13 ug/L	81734	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	86
2			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
3			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	45
4			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	45
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

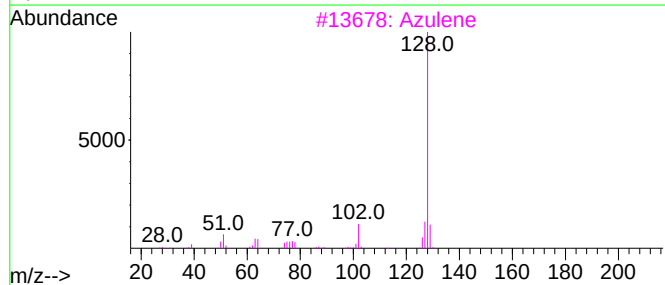
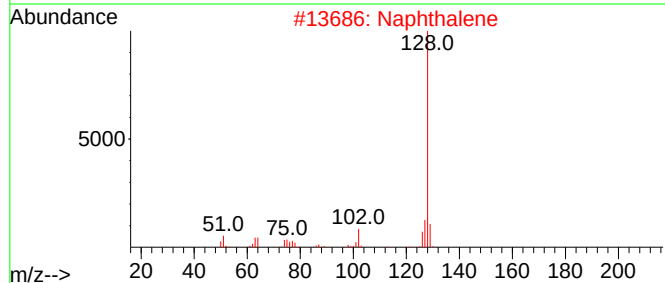
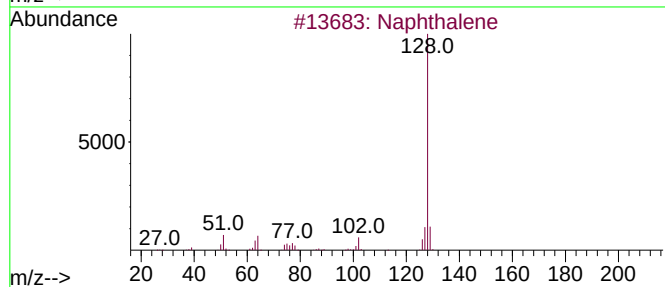
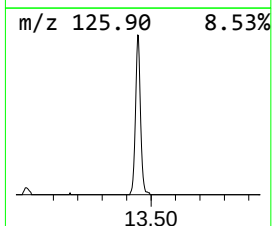
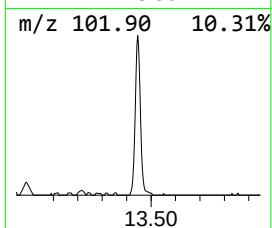
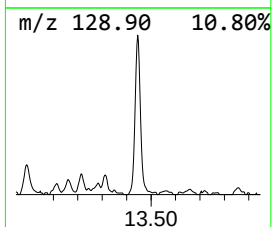
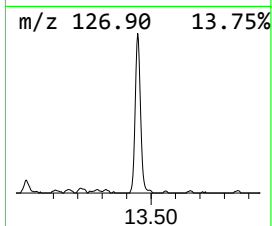
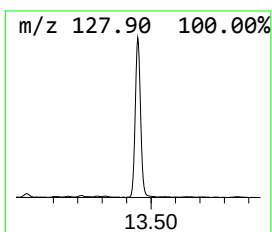
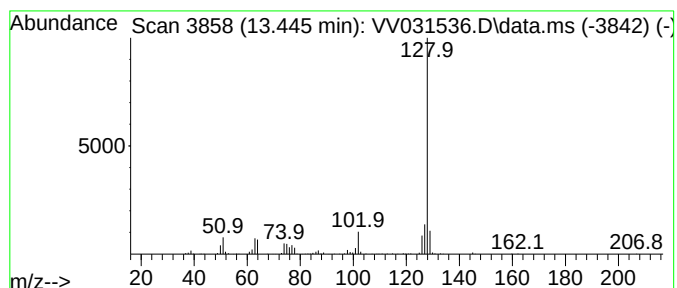
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Azulene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	18.61 ug/L	368650	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			Azulene	128	C10H8	000275-51-4	95
4			Naphthalene	128	C10H8	000091-20-3	94
5			Azulene	128	C10H8	000275-51-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

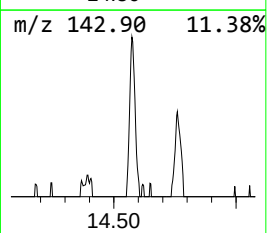
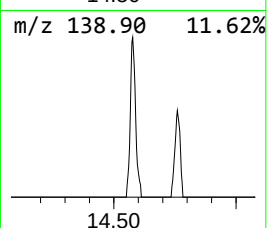
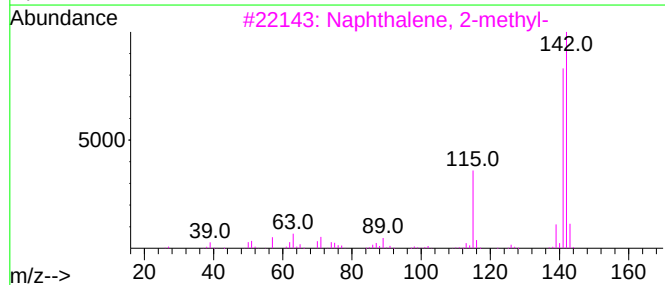
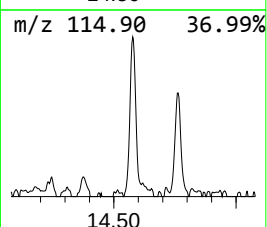
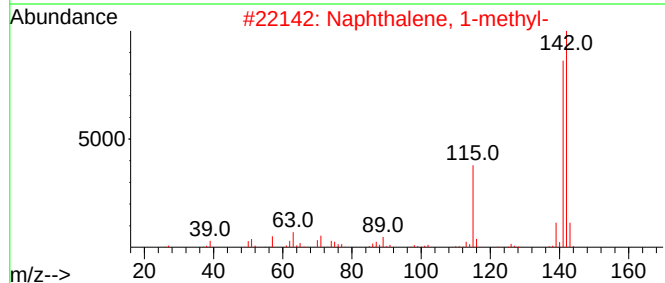
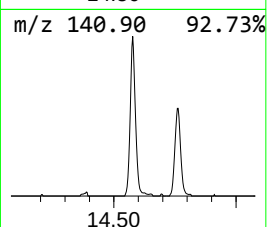
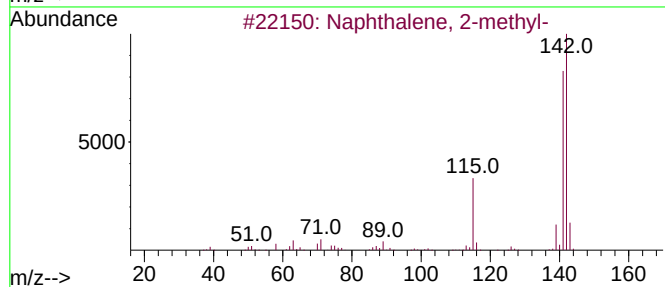
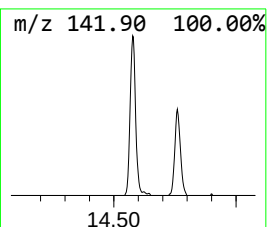
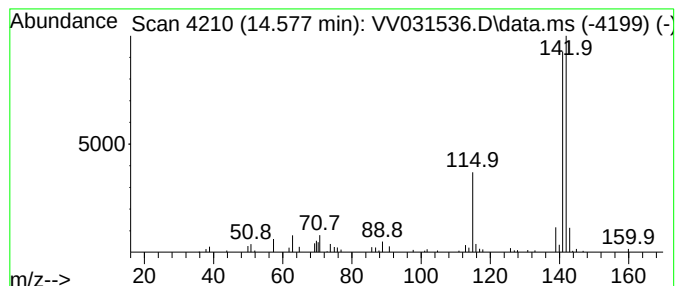
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Naphthalene, 2-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.577	3.97 ug/L	78693	1,4-Dichlorobenzene-d4	11.191

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, 2-methyl-	142	C11H10	000091-57-6	95
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
 Data File : VV031536.D
 Acq On : 15 Jun 2023 17:09
 Operator : SY/MD
 Sample : 03249-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.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...	5.156	3.8	ug/L	44286	1	5.542	584354	50.0
(DEL) Alkane: C...	8.227	4.1	ug/L	58833	2	8.789	719944	50.0
(DEL) Alkane: C...	8.288	3.2	ug/L	45691	2	8.789	719944	50.0
(DEL) Alkane: C...	8.532	2.8	ug/L	39819	2	8.789	719944	50.0
(DEL) Alkane: S...	9.146	11.7	ug/L	168936	2	8.789	719944	50.0
(DEL) Alkane: C...	9.416	6.3	ug/L	90550	2	8.789	719944	50.0
unknown-01	9.648	13.6	ug/L	195901	2	8.789	719944	50.0
(DEL) Alkane: C...	9.741	11.5	ug/L	165817	2	8.789	719944	50.0
(DEL) Alkane: S...	9.796	3.0	ug/L	42721	2	8.789	719944	50.0
Pentalene, octa...	10.066	4.2	ug/L	82929	3	11.191	990459	50.0
Benzene, propyl-	10.297	44.2	ug/L	875470	3	11.191	990459	50.0
Benzene, 1-ethy...	10.390	248.0	ug/L	4912320	3	11.191	990459	50.0
Benzene, 1-ethy...	10.680	104.2	ug/L	2063820	3	11.191	990459	50.0
Benzene, (2-met...	10.998	4.9	ug/L	96264	3	11.191	990459	50.0
Benzeneacetalde...	11.030	7.3	ug/L	144274	3	11.191	990459	50.0
p-Cymene	11.136	13.0	ug/L	256852	3	11.191	990459	50.0
Benzene, 1,2,3-...	11.278	155.4	ug/L	3078890	3	11.191	990459	50.0
o-Cymene	11.400	2.9	ug/L	56712	3	11.191	990459	50.0
Indane	11.477	125.0	ug/L	2476530	3	11.191	990459	50.0
Benzene, 1,2-di...	11.689	4.8	ug/L	95929	3	11.191	990459	50.0
Benzene, 1-meth...	11.763	25.1	ug/L	496464	3	11.191	990459	50.0
Cyclohexanone, ...	11.863	78.8	ug/L	1559880	3	11.191	990459	50.0
Benzene, 1-ethy...	11.960	35.8	ug/L	708392	3	11.191	990459	50.0
1-Phenyl-1-butene	12.059	9.5	ug/L	188685	3	11.191	990459	50.0
Benzene, 2,4-di...	12.204	5.2	ug/L	101926	3	11.191	990459	50.0
Benzene, 4-ethy...	12.259	10.5	ug/L	208750	3	11.191	990459	50.0
L-Fenchone	12.326	4.2	ug/L	82566	3	11.191	990459	50.0
Benzene, 1,2,4,...	12.358	13.3	ug/L	264222	3	11.191	990459	50.0
Benzene, 1,2,3,...	12.410	24.8	ug/L	490887	3	11.191	990459	50.0
Benzene, 1,3-di...	12.496	3.3	ug/L	64295	3	11.191	990459	50.0
Benzene, 1-meth...	12.670	7.5	ug/L	147529	3	11.191	990459	50.0
Benzene, 1,2,3,...	12.824	32.7	ug/L	648474	3	11.191	990459	50.0
Naphthalene, 1,...	12.988	5.9	ug/L	116071	3	11.191	990459	50.0
Bicyclo[2.2.1]h...	13.107	2.8	ug/L	55480	3	11.191	990459	50.0
Benzene, (1-met...	13.214	4.1	ug/L	81734	3	11.191	990459	50.0
Azulene	13.445	18.6	ug/L	368650	3	11.191	990459	50.0
Naphthalene, 2-...	14.577	4.0	ug/L	78693	3	11.191	990459	50.0