

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
 Data File : VV036122.D
 Acq On : 18 Jun 2024 16:26
 Operator : SY/MD
 Sample : P2873-13
 Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SK1

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\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036122.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	65	72	88	rVB	231676	258223	0.17%	0.122%
2	1.526	143	151	167	rBV	186156	227824	0.15%	0.107%
3	2.047	303	313	330	rVB	407863	602735	0.40%	0.284%
4	2.439	424	435	452	rBV	105263	181213	0.12%	0.085%
5	2.555	466	471	481	rVB2	6610	10080	0.01%	0.005%
6	2.667	504	506	507	rBV	663	299	0.00%	0.000%
7	2.809	548	550	554	rVB3	549	308	0.00%	0.000%
8	2.851	558	563	564	rBV3	339	265	0.00%	0.000%
9	2.960	586	597	617	rVB2	31069	63010	0.04%	0.030%
10	3.105	640	642	643	rBV2	506	251	0.00%	0.000%
11	3.146	649	655	660	rBV6	757	1069	0.00%	0.001%
12	3.198	667	671	675	rBV4	712	547	0.00%	0.000%
13	3.272	692	694	701	rVB3	622	549	0.00%	0.000%
14	3.429	736	743	745	rBV3	462	329	0.00%	0.000%
15	3.577	786	789	793	rVB3	313	264	0.00%	0.000%
16	3.645	806	810	811	rBV3	814	605	0.00%	0.000%
17	3.671	811	818	825	rBV7	1344	2395	0.00%	0.001%
18	3.722	832	834	838	rVB4	483	320	0.00%	0.000%
19	3.741	838	840	843	rBV3	433	355	0.00%	0.000%
20	3.831	852	868	904	rBV3	42942	187943	0.12%	0.088%
21	4.243	981	996	1031	rBV	231002	605326	0.40%	0.285%
22	4.490	1071	1073	1077	rVB3	302	219	0.00%	0.000%
23	4.526	1081	1084	1089	rBV4	586	494	0.00%	0.000%
24	4.561	1089	1095	1097	rBV3	1222	1223	0.00%	0.001%
25	4.616	1108	1112	1115	rVB3	530	374	0.00%	0.000%
26	4.680	1129	1132	1133	rBV	397	238	0.00%	0.000%
27	4.715	1141	1143	1145	rVB	527	252	0.00%	0.000%
28	4.732	1145	1148	1150	rBV2	551	387	0.00%	0.000%
29	4.767	1157	1159	1164	rBV2	396	339	0.00%	0.000%
30	4.860	1185	1188	1193	rVB4	269	219	0.00%	0.000%
31	4.950	1201	1216	1261	rBV2	523554	1399311	0.92%	0.658%
32	5.188	1288	1290	1291	rBV	762	337	0.00%	0.000%
33	5.240	1302	1306	1308	rBV2	474	325	0.00%	0.000%
34	5.252	1308	1310	1314	rVB3	522	297	0.00%	0.000%
35	5.272	1314	1316	1320	rVB3	584	360	0.00%	0.000%
36	5.301	1320	1325	1327	rBV7	691	631	0.00%	0.000%

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Integrator: RTE

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Filtering: 5

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Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	5.320	1327	1331	1332	rBV3	751	449	0.00%	0.000%
38	5.394	1351	1354	1360	rBV2	456	333	0.00%	0.000%
39	5.458	1371	1374	1377	rBV2	578	393	0.00%	0.000%
40	5.532	1385	1397	1431	rBV	403579	863820	0.57%	0.406%
41	5.754	1464	1466	1469	rBV3	391	270	0.00%	0.000%
42	5.825	1471	1488	1526	rBV	9537163	18328216	12.08%	8.624%
43	5.986	1528	1538	1569	rVB	303334	651326	0.43%	0.306%
44	6.394	1662	1665	1669	rBV2	728	554	0.00%	0.000%
45	6.420	1669	1673	1676	rBV4	557	485	0.00%	0.000%
46	6.535	1706	1709	1712	rBV4	360	282	0.00%	0.000%
47	6.738	1771	1772	1775	rBV	386	212	0.00%	0.000%
48	6.789	1786	1788	1791	rVB3	481	213	0.00%	0.000%
49	6.915	1814	1827	1856	rBV	125971	256275	0.17%	0.121%
50	7.188	1908	1912	1915	rBV3	627	543	0.00%	0.000%
51	7.243	1915	1929	1943	rBV	430826	764336	0.50%	0.360%
52	7.317	1944	1952	1983	rVB	195381	370977	0.24%	0.175%
53	7.500	2006	2009	2014	rBV4	995	785	0.00%	0.000%
54	7.558	2018	2027	2055	rVV	81126	159568	0.11%	0.075%
55	7.770	2090	2093	2097	rVB3	501	387	0.00%	0.000%
56	7.789	2097	2099	2103	rVB3	430	284	0.00%	0.000%
57	7.918	2116	2139	2145	rBV5	62045794	151748556	100.00%	71.402%
58	8.030	2170	2174	2213	rVB	167325	379242	0.25%	0.178%
59	8.783	2398	2408	2446	rBV	393313	683718	0.45%	0.322%
60	8.944	2446	2458	2484	rBV	3979203	5889052	3.88%	2.771%
61	9.069	2485	2497	2542	rVB	11152407	17672446	11.65%	8.315%
62	9.474	2611	2623	2668	rBV	5157576	7628051	5.03%	3.589%
63	9.870	2738	2746	2759	rVB	20812	32931	0.02%	0.015%
64	10.079	2809	2811	2815	rVB4	945	636	0.00%	0.000%
65	10.153	2823	2834	2858	rBV	188952	306166	0.20%	0.144%
66	10.326	2871	2888	2897	rBV3	16789	39046	0.03%	0.018%
67	10.384	2897	2906	2925	rVV	72717	166753	0.11%	0.078%
68	10.477	2927	2935	2956	rVB	43800	73892	0.05%	0.035%
69	10.677	2988	2997	3011	rBV2	32973	56200	0.04%	0.026%
70	10.850	3040	3051	3071	rBV	213537	336978	0.22%	0.159%
71	11.079	3118	3122	3125	rBV2	1434	1417	0.00%	0.001%
72	11.117	3127	3134	3146	rVV3	12112	21708	0.01%	0.010%
73	11.185	3146	3155	3172	rVV	166451	270308	0.18%	0.127%
74	11.272	3173	3182	3198	rVB	109056	169463	0.11%	0.080%
75	11.464	3231	3242	3261	rBV	128631	210543	0.14%	0.099%
76	11.561	3262	3272	3294	rVB	136370	223980	0.15%	0.105%

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Title : VOC Analysis

77	11.680	3298	3309	3338	rBV	494406	779257	0.51%	0.367%
78	11.976	3399	3401	3403	rBV3	813	458	0.00%	0.000%
79	12.133	3448	3450	3453	rBV2	443	265	0.00%	0.000%
80	12.194	3457	3469	3482	rVB	14263	24415	0.02%	0.011%
81	12.310	3498	3505	3516	rBV	2475	5239	0.00%	0.002%
82	12.538	3574	3576	3580	rVB3	1091	590	0.00%	0.000%
83	12.657	3610	3613	3615	rBV2	546	306	0.00%	0.000%
84	12.828	3659	3666	3673	rBV5	3493	4402	0.00%	0.002%
85	12.921	3686	3695	3697	rBV4	540	720	0.00%	0.000%
86	13.008	3718	3722	3726	rBV5	941	986	0.00%	0.000%
87	13.091	3746	3748	3751	rBV4	396	308	0.00%	0.000%
88	13.107	3751	3753	3756	rVB2	501	226	0.00%	0.000%
89	13.185	3774	3777	3781	rVB2	808	447	0.00%	0.000%
90	13.214	3781	3786	3787	rBV3	635	568	0.00%	0.000%
91	13.435	3844	3855	3883	rBV	460254	751159	0.50%	0.353%
92	13.561	3887	3894	3906	rVB	24533	41179	0.03%	0.019%
93	13.683	3923	3932	3944	rVB	27556	40685	0.03%	0.019%
94	13.760	3952	3956	3958	rBV5	883	737	0.00%	0.000%
95	13.821	3973	3975	3977	rBV2	612	267	0.00%	0.000%
96	13.898	3997	3999	4001	rBV2	536	319	0.00%	0.000%
97	13.985	4018	4026	4034	rVB2	5589	9010	0.01%	0.004%
98	14.123	4063	4069	4077	rVB7	2676	3994	0.00%	0.002%
99	14.635	4226	4228	4232	rBV4	625	468	0.00%	0.000%
100	14.654	4232	4234	4237	rVB3	731	390	0.00%	0.000%

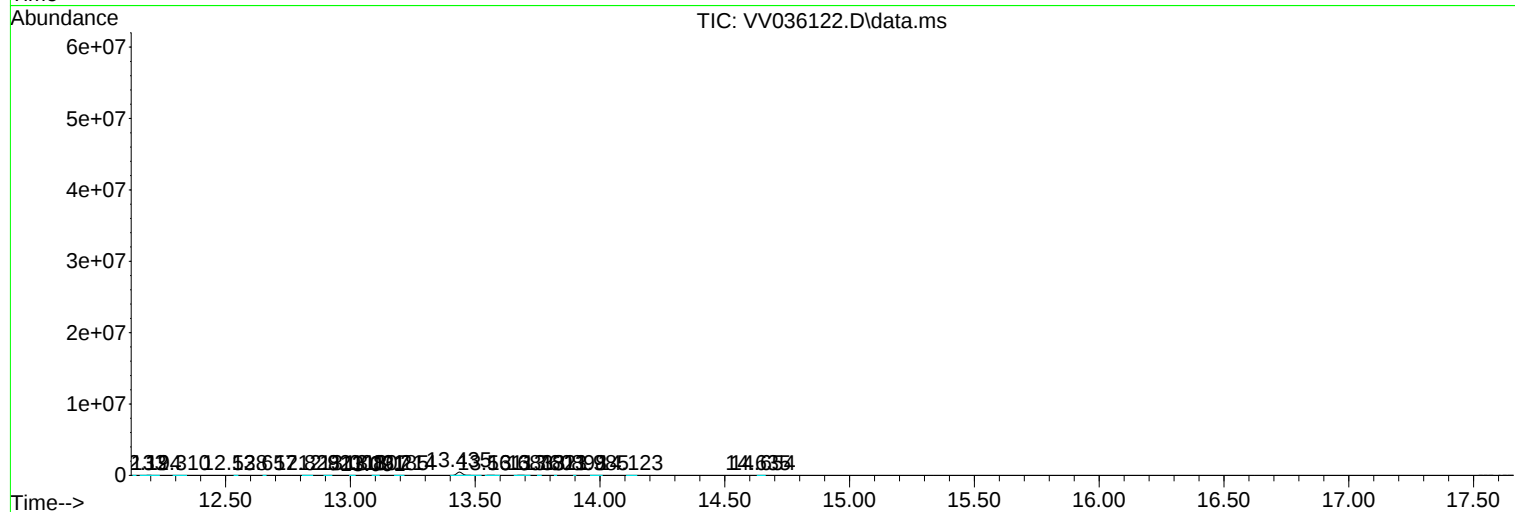
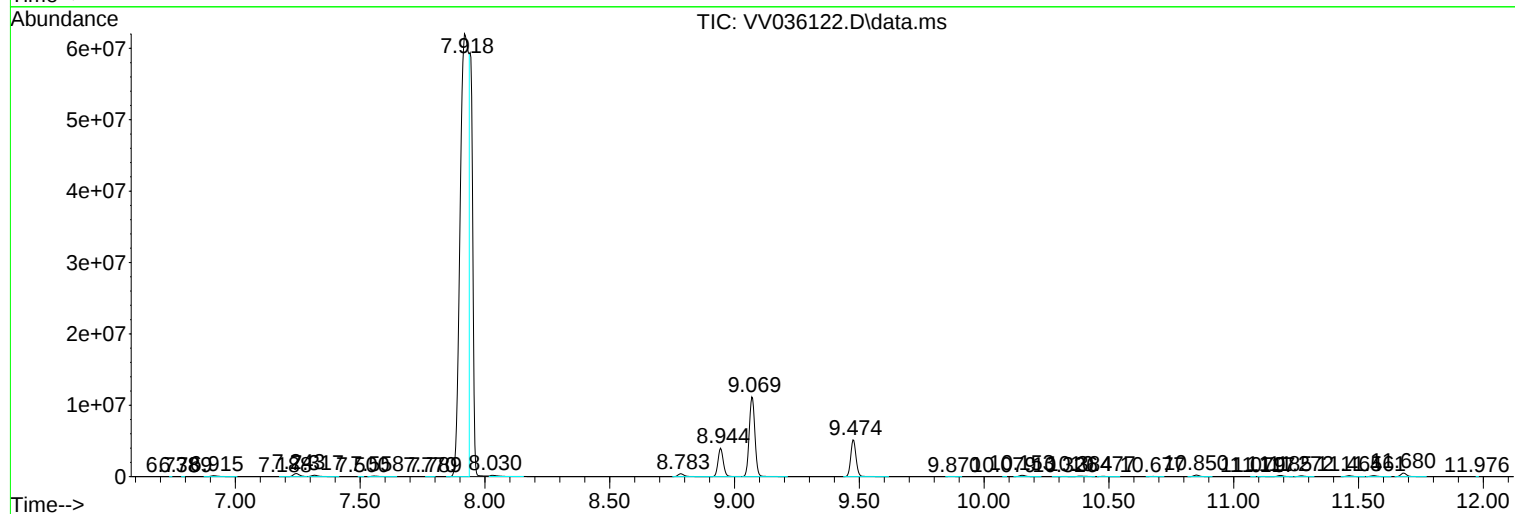
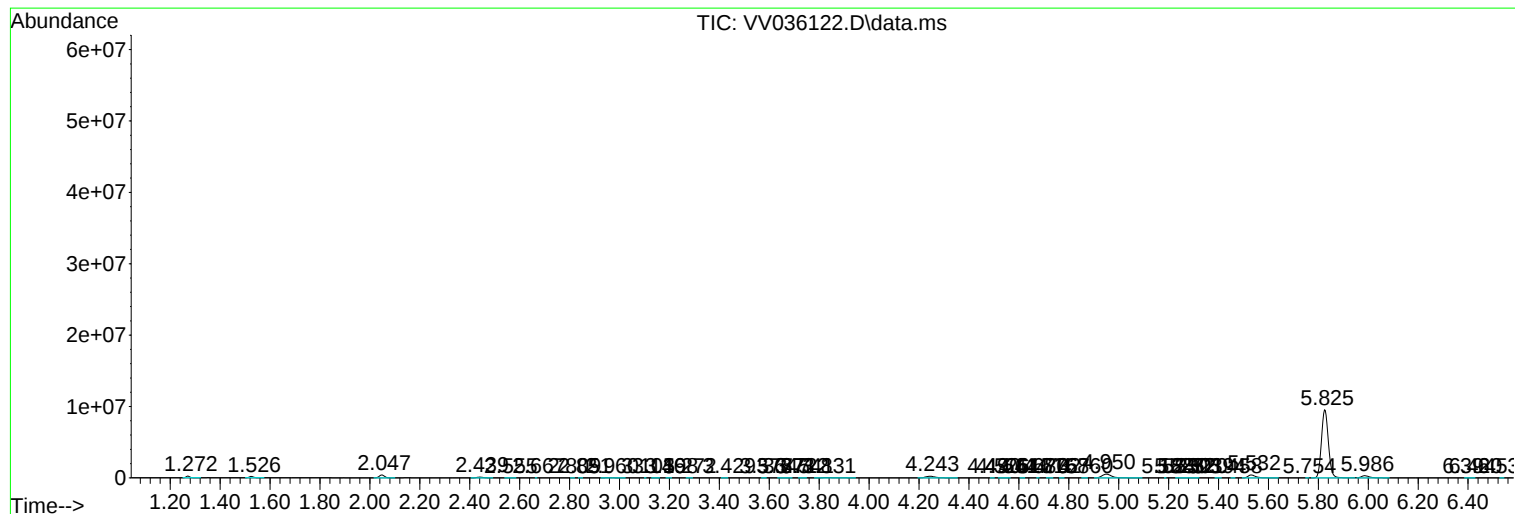
Sum of corrected areas: 212526105

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



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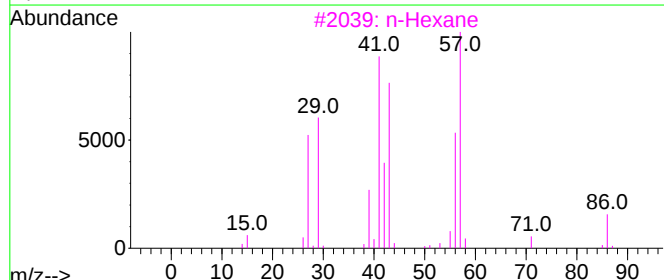
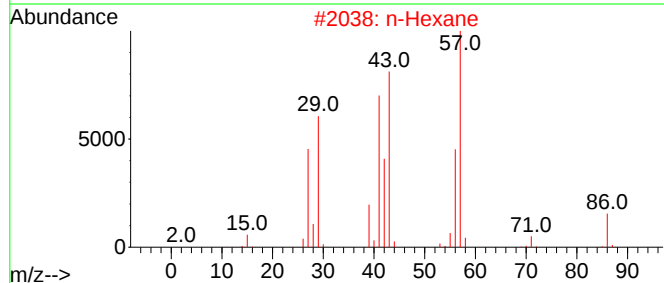
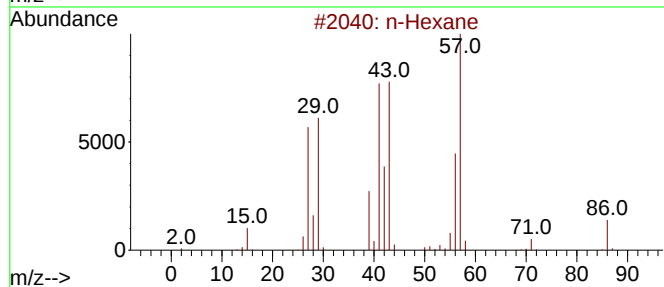
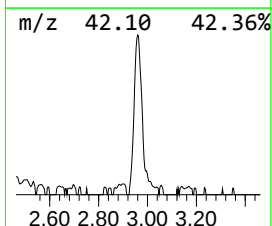
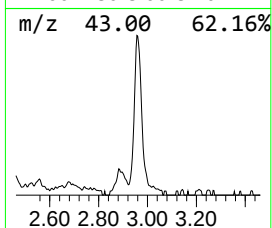
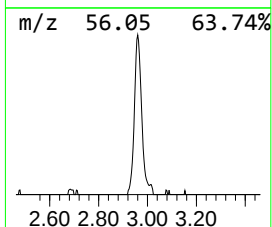
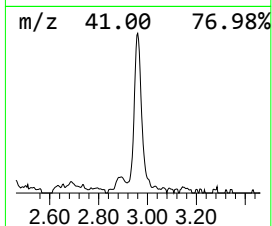
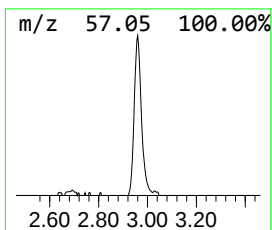
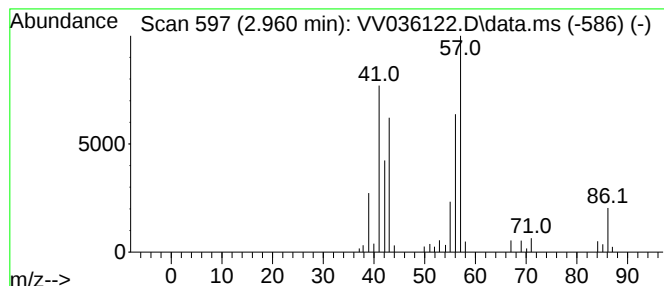
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	1.82 ug/L	63010	1,4-Difluorobenzene	5.532

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	86
2			n-Hexane	86	C6H14	000110-54-3	78
3			n-Hexane	86	C6H14	000110-54-3	72
4			n-Hexane	86	C6H14	000110-54-3	64
5			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	53



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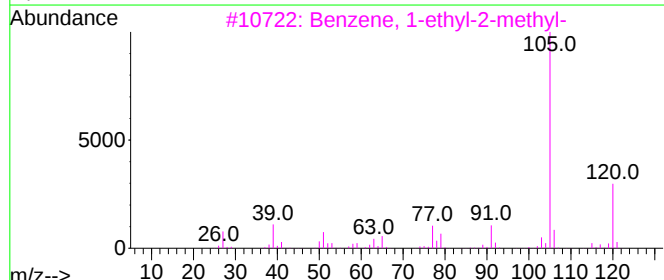
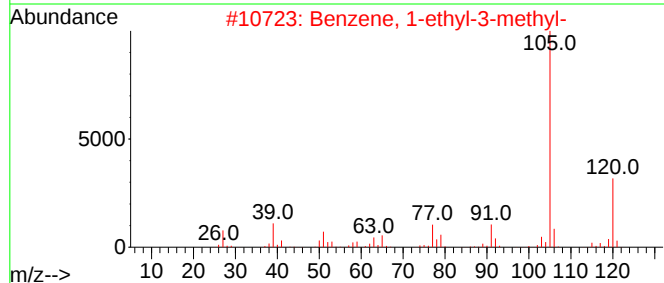
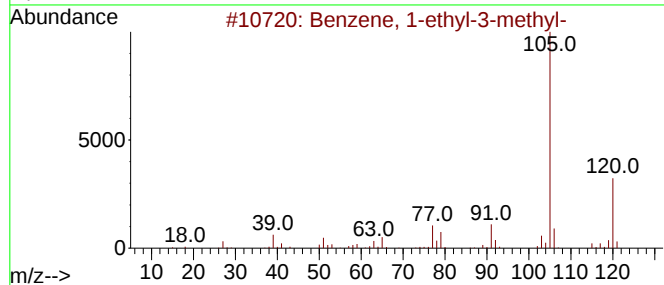
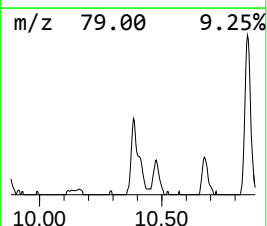
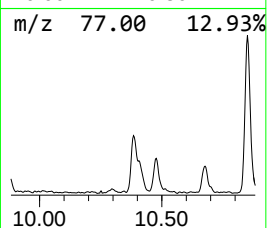
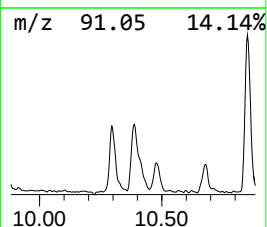
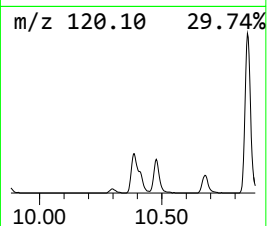
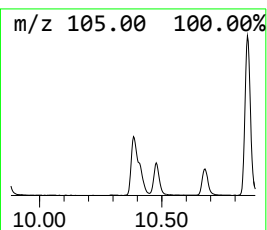
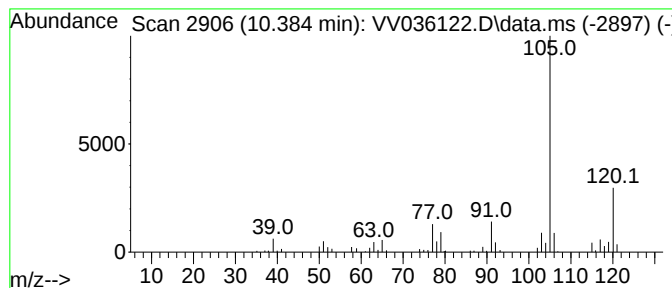
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.384	15.42 ug/L	166753	1,4-Dichlorobenzene-d4	11.188

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



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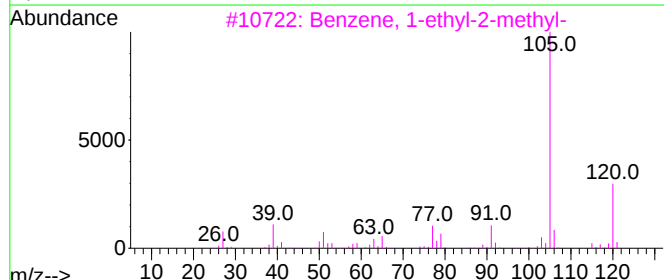
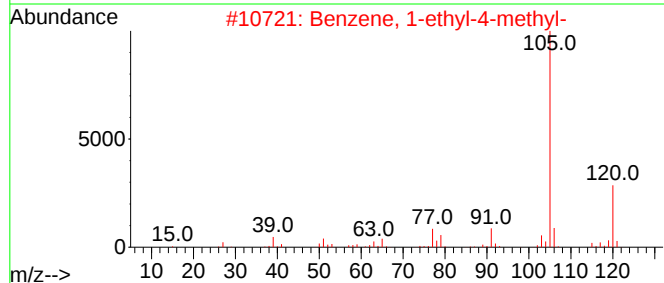
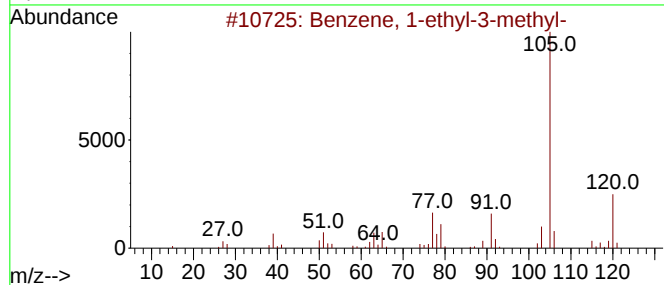
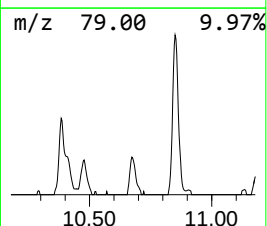
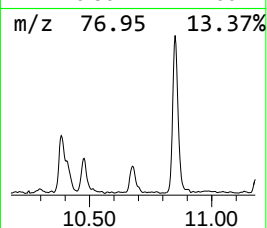
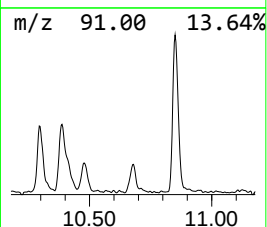
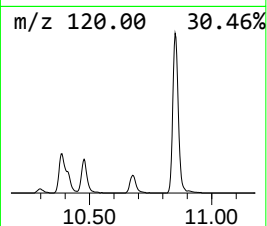
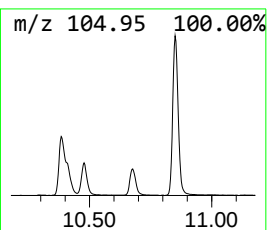
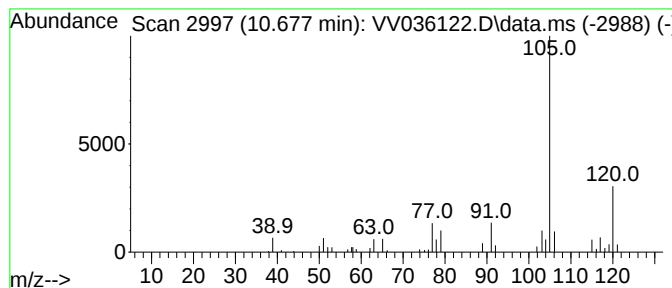
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.677	5.20 ug/L	56200	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036122.D
Acq On : 18 Jun 2024 16:26
Operator : SY/MD
Sample : P2873-13
Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK1

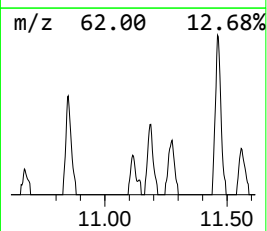
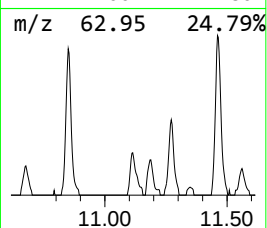
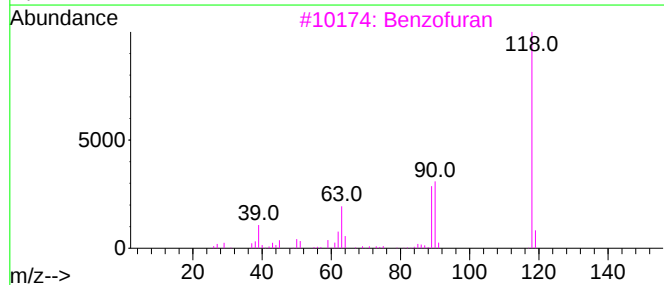
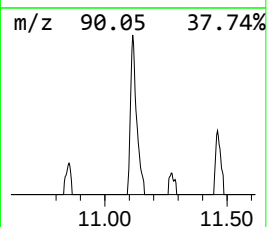
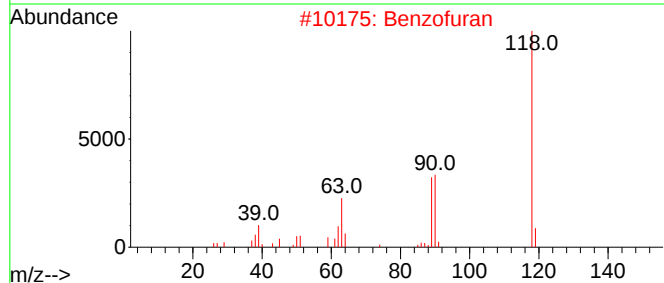
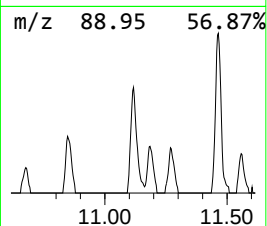
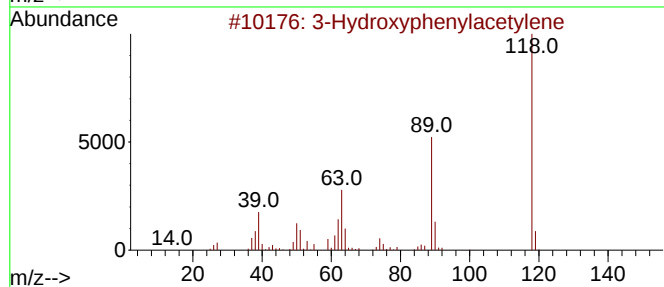
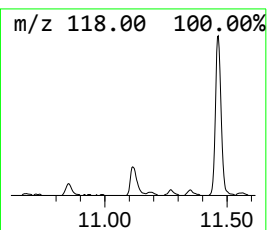
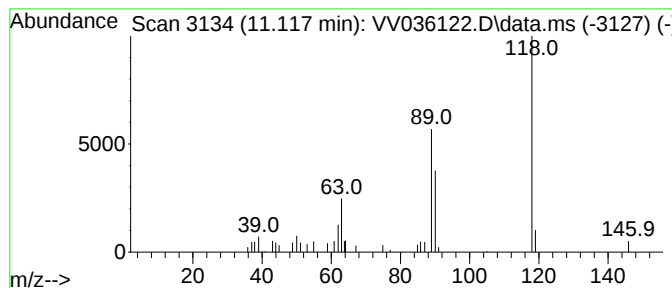
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Quant Title : VOC Analysis

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

Peak Number 6 3-Hydroxyphenylacetylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.117	2.01 ug/L	21708	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	90
2			Benzofuran	118	C8H6O	000271-89-6	87
3			Benzofuran	118	C8H6O	000271-89-6	87
4			2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	53
5			1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036122.D
Acq On : 18 Jun 2024 16:26
Operator : SY/MD
Sample : P2873-13
Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK1

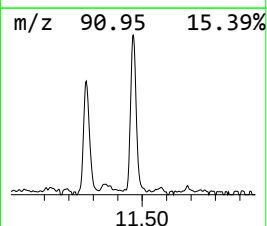
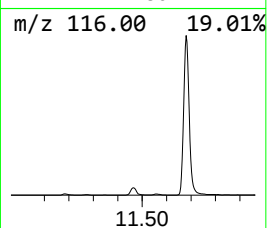
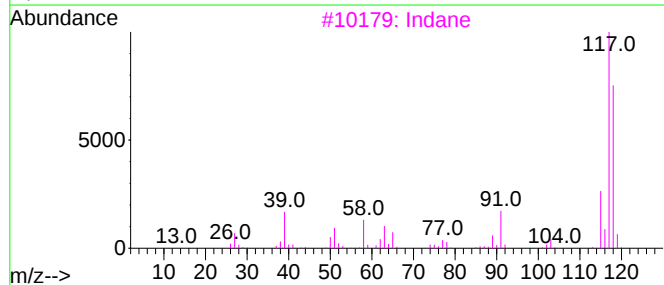
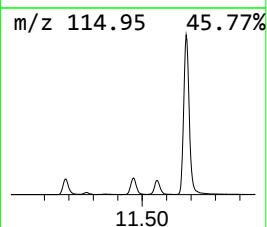
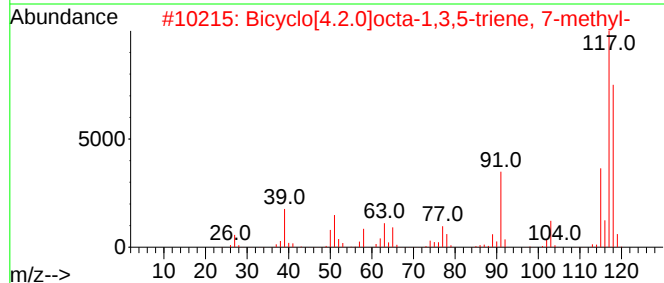
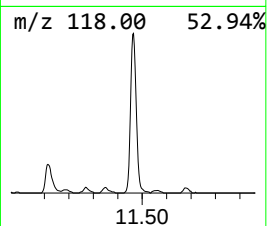
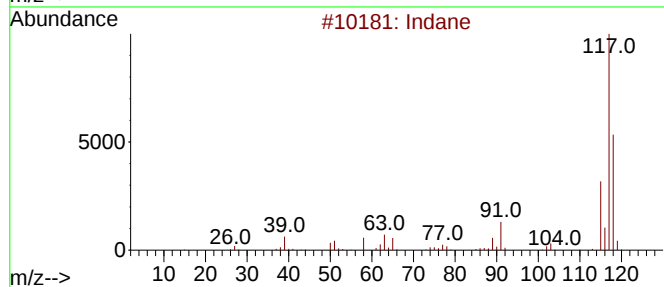
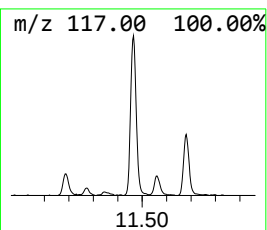
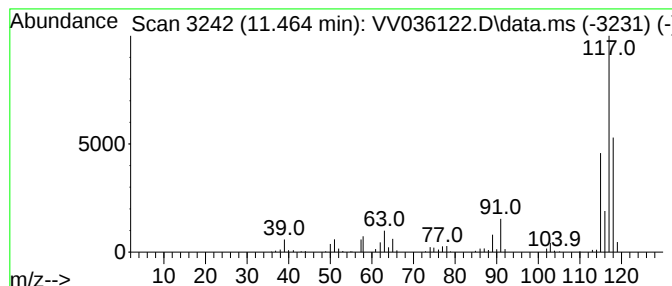
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Quant Title : VOC Analysis

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

Peak Number 8 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.464	19.47 ug/L	210543	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	62
3			Indane	118	C9H10	000496-11-7	55
4			Indane	118	C9H10	000496-11-7	55
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036122.D
Acq On : 18 Jun 2024 16:26
Operator : SY/MD
Sample : P2873-13
Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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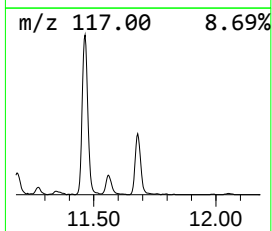
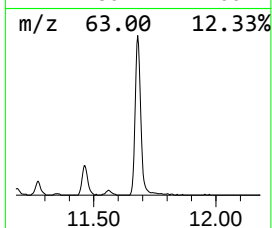
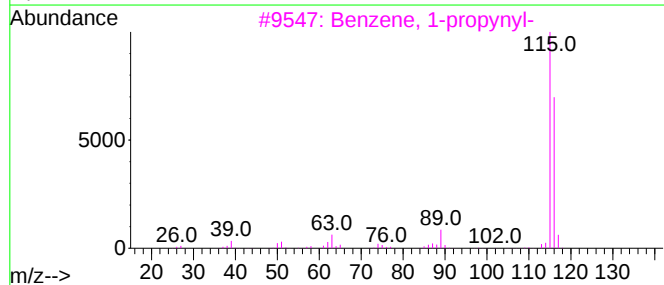
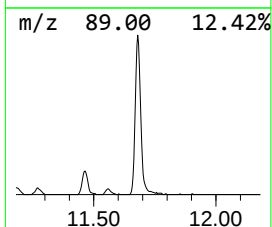
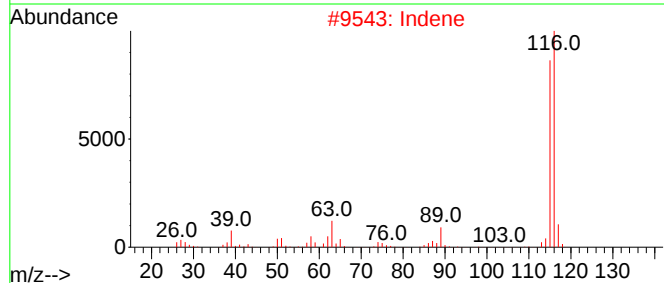
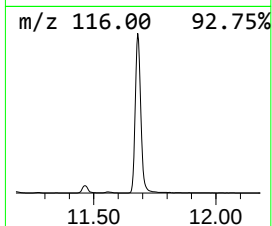
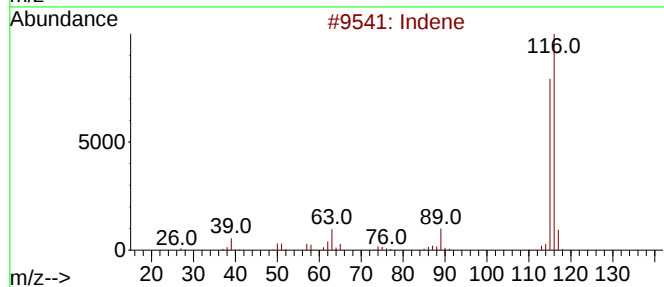
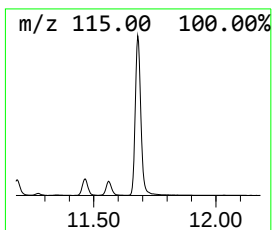
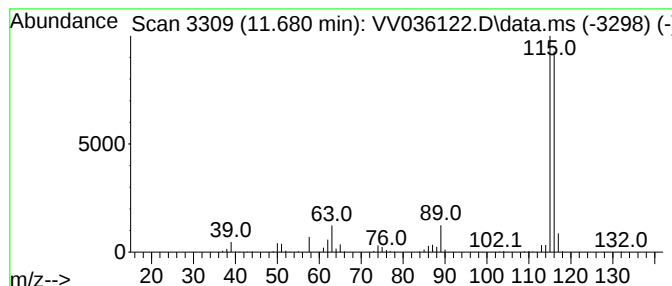
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Quant Title : VOC Analysis

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

Peak Number 9 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	72.07 ug/L	779257	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Indene	116	C9H8	000095-13-6	95
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036122.D
Acq On : 18 Jun 2024 16:26
Operator : SY/MD
Sample : P2873-13
Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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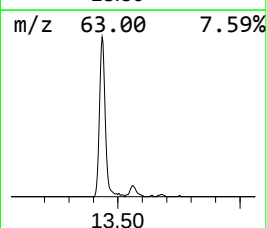
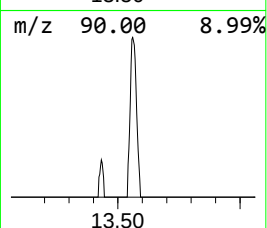
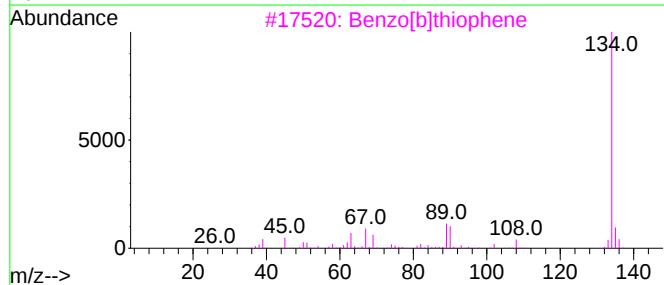
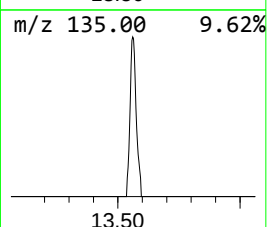
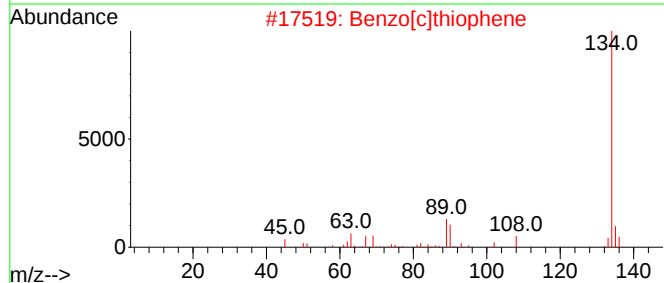
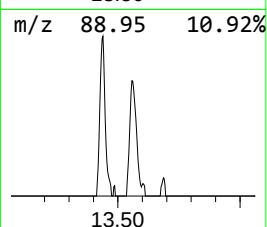
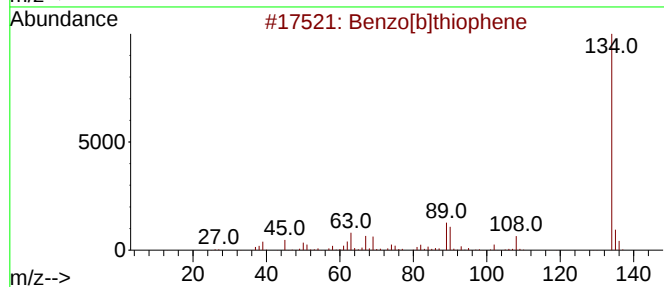
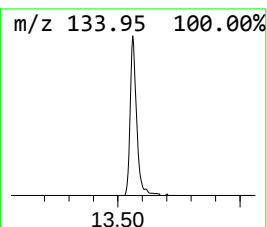
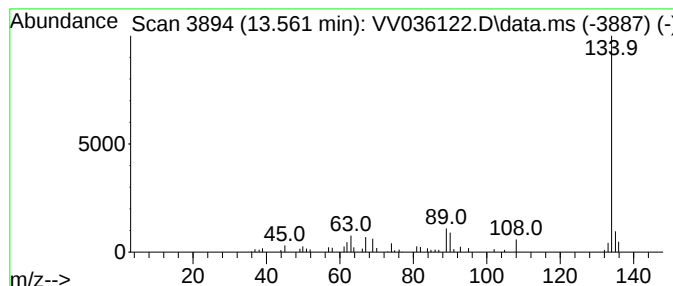
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Quant Title : VOC Analysis

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

Peak Number 12 Benzo[b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.561	3.81 ug/L	41179	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2			Benzo[c]thiophene	134	C8H6S	000270-82-6	91
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036122.D
Acq On : 18 Jun 2024 16:26
Operator : SY/MD
Sample : P2873-13
Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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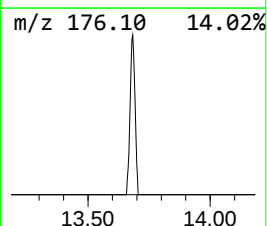
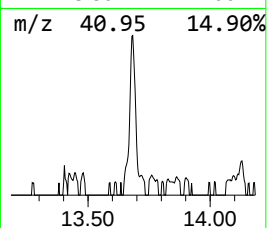
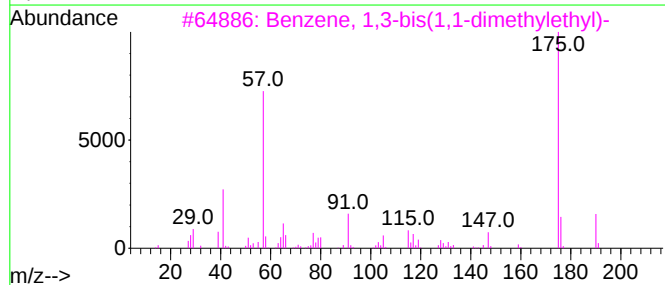
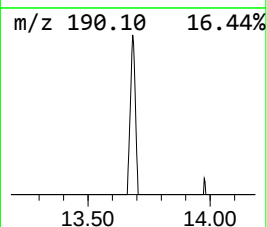
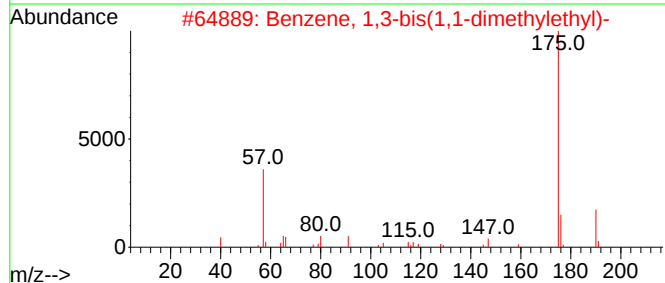
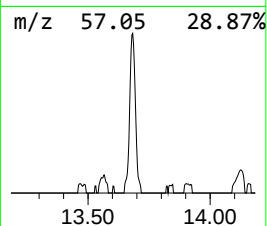
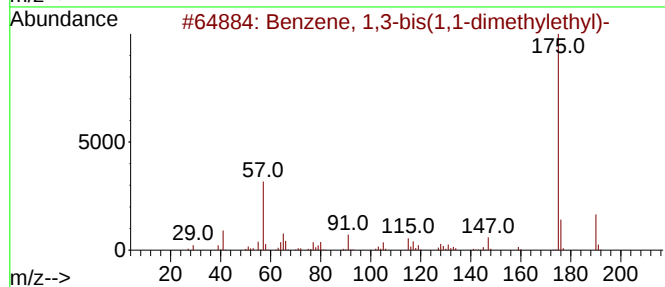
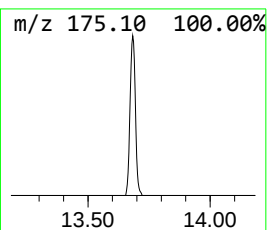
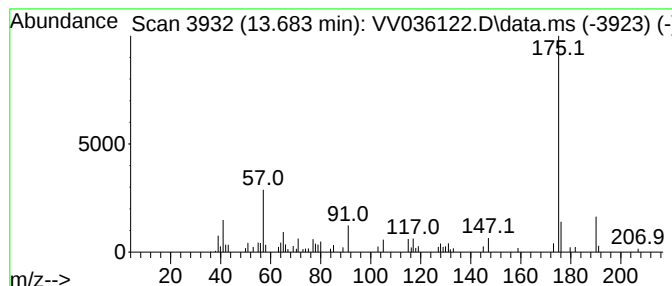
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	3.76 ug/L	40685	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	90
5			Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036122.D
Acq On : 18 Jun 2024 16:26
Operator : SY/MD
Sample : P2873-13
Misc : 3.99g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.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
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Benzene, 1-ethy...	10.384	15.4	ug/L	166753	3	11.188	270308	25.0
Benzene, 1-ethy...	10.677	5.2	ug/L	56200	3	11.188	270308	25.0
3-Hydroxyphenyl...	11.117	2.0	ug/L	21708	3	11.188	270308	25.0
Indane	11.464	19.5	ug/L	210543	3	11.188	270308	25.0
Indene	11.680	72.1	ug/L	779257	3	11.188	270308	25.0
Benzo[b]thiophene	13.561	3.8	ug/L	41179	3	11.188	270308	25.0
Benzene, 1,3-bi...	13.683	3.8	ug/L	40685	3	11.188	270308	25.0