

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035746.D
 Acq On : 24 May 2024 15:01
 Operator : SY/MD
 Sample : P2568-19RE
 Misc : 6.30g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH640RE

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\SFAMVLM050624SMA.M
 Title : VOC Analysis

Signal : TIC: VV035746.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	68	73	85	rVB	121027	122677	20.62%	2.877%
2	1.529	147	152	167	rVB	89997	105433	17.72%	2.473%
3	2.053	307	315	330	rVB	169382	244994	41.18%	5.746%
4	2.764	531	536	538	rBV3	417	369	0.06%	0.009%
5	2.841	556	560	563	rBV2	312	249	0.04%	0.006%
6	2.966	587	599	617	rBV3	10818	23187	3.90%	0.544%
7	3.111	642	644	648	rBV	365	265	0.04%	0.006%
8	3.253	684	688	691	rBV2	576	502	0.08%	0.012%
9	3.285	696	698	700	rVB2	225	111	0.02%	0.003%
10	3.368	721	724	729	rBV	199	192	0.03%	0.005%
11	3.394	729	732	737	rVB3	398	344	0.06%	0.008%
12	3.417	737	739	743	rVB2	199	108	0.02%	0.003%
13	3.449	743	749	756	rVB2	175	278	0.05%	0.007%
14	3.497	756	764	768	rBV3	397	431	0.07%	0.010%
15	3.516	768	770	774	rVB	193	131	0.02%	0.003%
16	3.593	790	794	795	rBV	311	197	0.03%	0.005%
17	3.619	799	802	808	rVB4	315	302	0.05%	0.007%
18	3.654	808	813	814	rBV4	342	235	0.04%	0.006%
19	3.706	826	829	831	rVB	184	93	0.02%	0.002%
20	3.719	831	833	836	rVB	259	153	0.03%	0.004%
21	3.735	836	838	840	rBV	173	98	0.02%	0.002%
22	3.745	840	841	845	rBV2	203	131	0.02%	0.003%
23	3.770	845	849	850	rBV2	326	254	0.04%	0.006%
24	3.831	850	868	900	rBV3	54801	230781	38.80%	5.413%
25	4.249	982	998	1024	rBV	97739	259386	43.60%	6.084%
26	4.590	1102	1104	1105	rBV2	232	91	0.02%	0.002%
27	4.613	1109	1111	1112	rBV2	347	154	0.03%	0.004%
28	4.677	1128	1131	1138	rVB2	438	458	0.08%	0.011%
29	4.716	1140	1143	1147	rVB3	315	217	0.04%	0.005%
30	4.738	1147	1150	1154	rBV3	481	346	0.06%	0.008%
31	4.757	1154	1156	1158	rBV2	270	140	0.02%	0.003%
32	4.831	1177	1179	1182	rBV2	525	218	0.04%	0.005%
33	4.886	1193	1196	1200	rBV3	365	294	0.05%	0.007%
34	4.957	1204	1218	1257	rBV3	223273	594864	100.00%	13.953%
35	5.365	1342	1345	1347	rBV2	601	335	0.06%	0.008%
36	5.535	1388	1398	1440	rBV	185655	407496	68.50%	9.558%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035746.D
 Acq On : 24 May 2024 15:01
 Operator : SY/MD
 Sample : P2568-19RE
 Misc : 6.30g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH640RE

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\SFAMVLM050624SMA.M
 Title : VOC Analysis

37	5.831	1483	1490	1504	rBV3	10905	21274	3.58%	0.499%
38	5.921	1516	1518	1520	rBV3	575	228	0.04%	0.005%
39	5.989	1527	1539	1564	rBV	125605	271374	45.62%	6.365%
40	6.227	1611	1613	1614	rBV	370	124	0.02%	0.003%
41	6.394	1662	1665	1670	rBV3	471	450	0.08%	0.011%
42	6.449	1679	1682	1687	rVB2	273	210	0.04%	0.005%
43	6.478	1687	1691	1694	rBV2	359	258	0.04%	0.006%
44	6.503	1697	1699	1704	rVV2	239	217	0.04%	0.005%
45	6.551	1712	1714	1716	rVB	231	104	0.02%	0.002%
46	6.590	1724	1726	1728	rBV2	370	217	0.04%	0.005%
47	6.625	1735	1737	1739	rVB	383	126	0.02%	0.003%
48	6.645	1739	1743	1746	rBV2	592	511	0.09%	0.012%
49	6.699	1755	1760	1766	rVB4	839	982	0.17%	0.023%
50	6.732	1766	1770	1772	rBV3	465	345	0.06%	0.008%
51	6.744	1772	1774	1777	rVV	373	182	0.03%	0.004%
52	6.760	1777	1779	1784	rVB2	266	175	0.03%	0.004%
53	6.863	1807	1811	1816	rBV3	282	259	0.04%	0.006%
54	6.886	1816	1818	1820	rBV	492	295	0.05%	0.007%
55	6.918	1820	1828	1854	rBV	47338	100738	16.93%	2.363%
56	7.156	1900	1902	1903	rBV	303	137	0.02%	0.003%
57	7.246	1916	1930	1955	rBV	208137	391656	65.84%	9.186%
58	7.564	2020	2029	2056	rBV	29208	63222	10.63%	1.483%
59	7.876	2112	2126	2136	rBV2	13286	24638	4.14%	0.578%
60	7.940	2141	2146	2151	rVB4	518	502	0.08%	0.012%
61	7.969	2151	2155	2161	rBV	293	361	0.06%	0.008%
62	8.008	2161	2167	2169	rBV4	273	251	0.04%	0.006%
63	8.043	2169	2178	2198	rBV3	28849	71207	11.97%	1.670%
64	8.362	2270	2277	2292	rVB4	7249	11620	1.95%	0.273%
65	8.477	2309	2313	2318	rBV4	576	516	0.09%	0.012%
66	8.510	2321	2323	2327	rVB4	501	278	0.05%	0.007%
67	8.667	2369	2372	2374	rBV	298	228	0.04%	0.005%
68	8.738	2391	2394	2397	rBV	366	237	0.04%	0.006%
69	8.786	2398	2409	2441	rBV	267105	467197	78.54%	10.958%
70	9.191	2532	2535	2537	rBV2	458	274	0.05%	0.006%
71	9.262	2554	2557	2560	rBV	251	138	0.02%	0.003%
72	9.284	2560	2564	2567	rBV2	539	445	0.07%	0.010%
73	9.400	2598	2600	2603	rBV2	395	236	0.04%	0.006%
74	9.477	2622	2624	2627	rVB2	259	128	0.02%	0.003%
75	9.497	2627	2630	2632	rBV3	318	176	0.03%	0.004%
76	9.841	2734	2737	2740	rBV	416	343	0.06%	0.008%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035746.D
 Acq On : 24 May 2024 15:01
 Operator : SY/MD
 Sample : P2568-19RE
 Misc : 6.30g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH640RE

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\SFAMVLM050624SMA.M
 Title : VOC Analysis

77	9.857	2740	2742	2743	rBV	309	92	0.02%	0.002%
78	10.153	2824	2834	2853	rBV	94289	156233	26.26%	3.665%
79	10.281	2872	2874	2876	rBV2	334	213	0.04%	0.005%
80	10.326	2877	2888	2899	rVB2	26051	42412	7.13%	0.995%
81	10.477	2933	2935	2937	rBV2	249	152	0.03%	0.004%
82	10.548	2954	2957	2959	rBV	394	257	0.04%	0.006%
83	10.686	2998	3000	3003	rBV2	354	206	0.03%	0.005%
84	10.792	3032	3033	3039	rBV3	337	274	0.05%	0.006%
85	10.857	3045	3053	3056	rBV4	1683	1835	0.31%	0.043%
86	10.931	3073	3076	3077	rBV2	203	121	0.02%	0.003%
87	11.082	3116	3123	3132	rBV4	3469	4975	0.84%	0.117%
88	11.185	3145	3155	3175	rBV	188227	315171	52.98%	7.392%
89	11.561	3261	3272	3301	rBV	143909	246671	41.47%	5.786%
90	11.892	3372	3375	3377	rBV	391	204	0.03%	0.005%
91	11.908	3378	3380	3381	rBV	573	223	0.04%	0.005%
92	12.149	3450	3455	3458	rBV3	451	451	0.08%	0.011%
93	12.194	3462	3469	3482	rVB3	8975	14554	2.45%	0.341%
94	12.288	3496	3498	3499	rBV	284	110	0.02%	0.003%
95	12.345	3514	3516	3517	rBV	632	331	0.06%	0.008%
96	12.397	3527	3532	3536	rBV	541	638	0.11%	0.015%
97	12.825	3660	3665	3666	rBV3	3008	2157	0.36%	0.051%
98	13.011	3720	3723	3725	rBV	578	342	0.06%	0.008%
99	13.294	3808	3811	3813	rBV	430	336	0.06%	0.008%
100	13.683	3923	3932	3942	rVB2	32824	48063	8.08%	1.127%

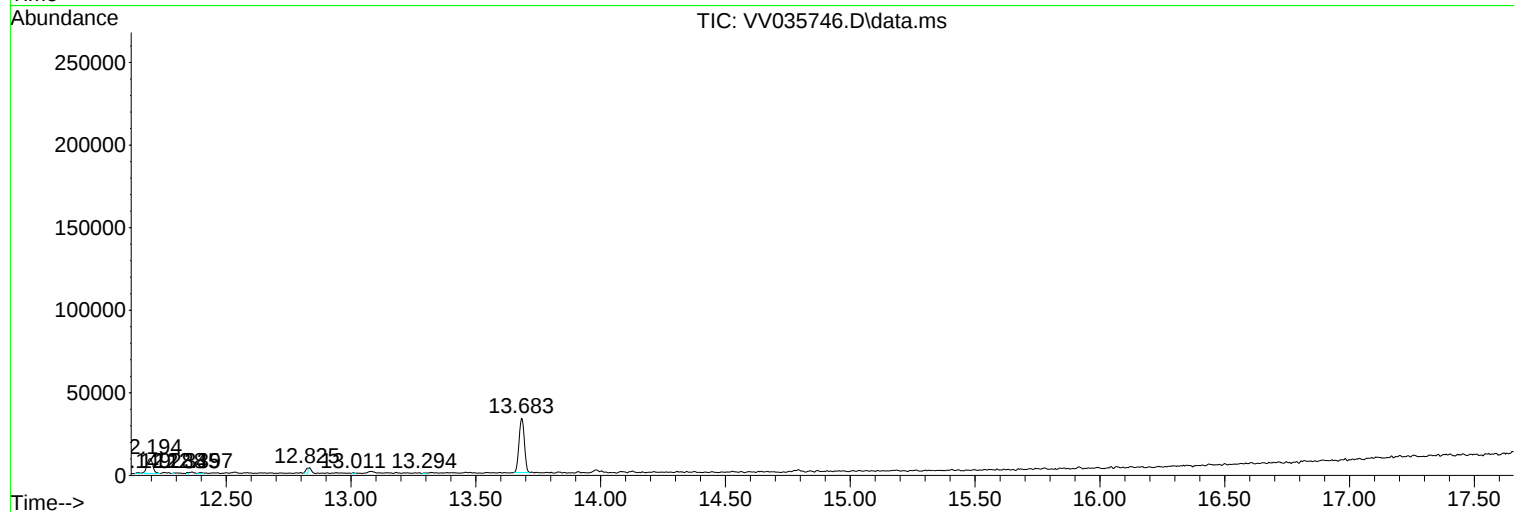
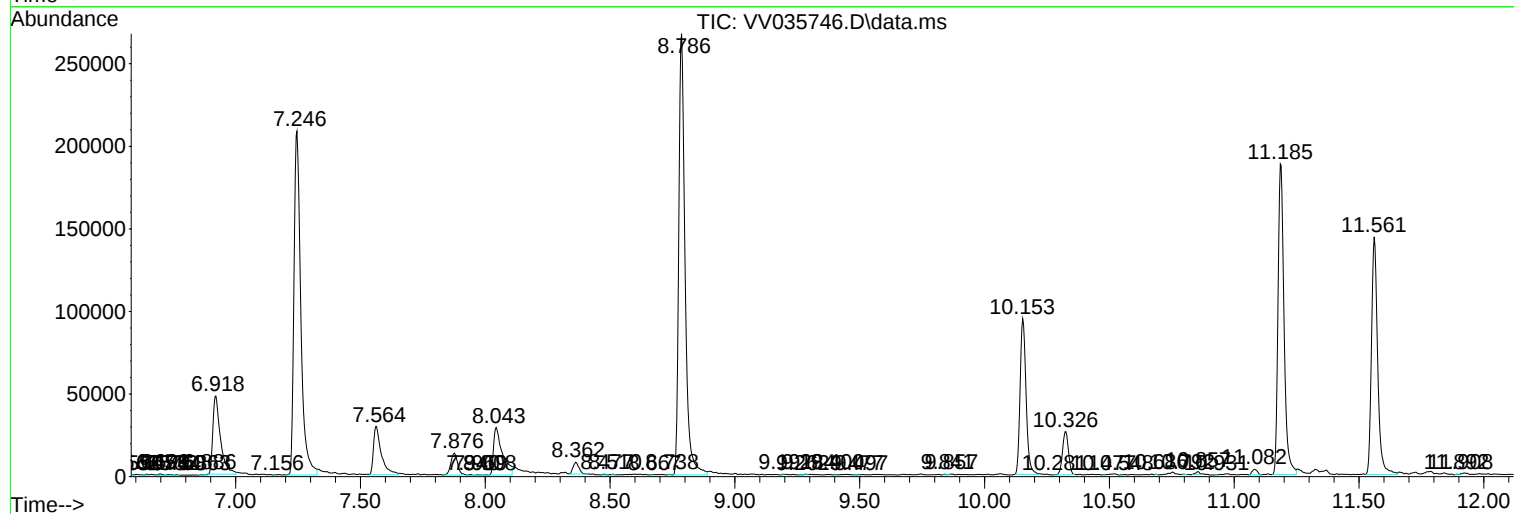
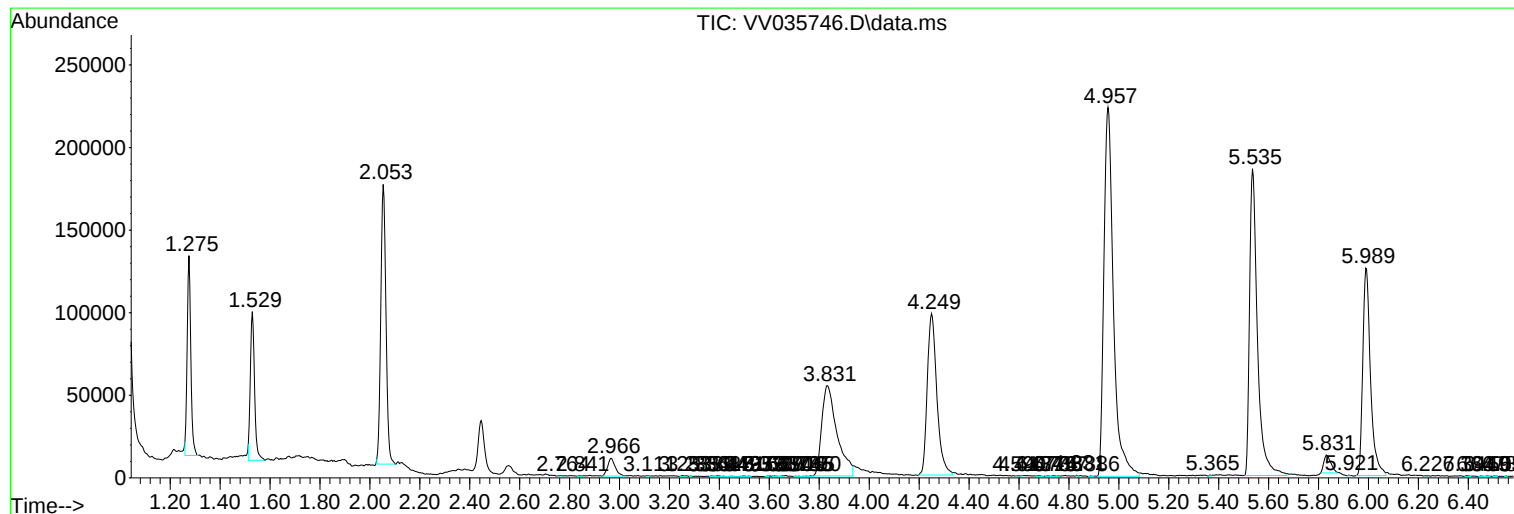
Sum of corrected areas: 4263394

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035746.D
Acq On : 24 May 2024 15:01
Operator : SY/MD
Sample : P2568-19RE
Misc : 6.30g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH640RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035746.D
Acq On : 24 May 2024 15:01
Operator : SY/MD
Sample : P2568-19RE
Misc : 6.30g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH640RE

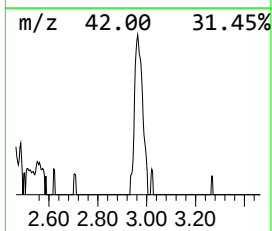
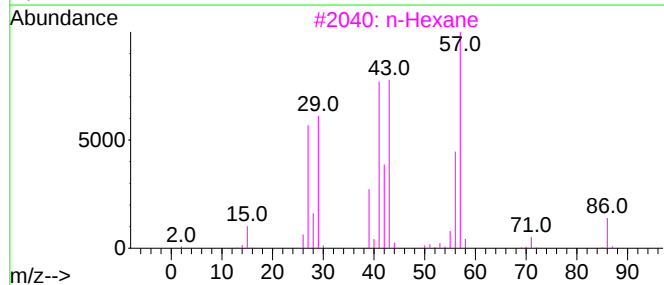
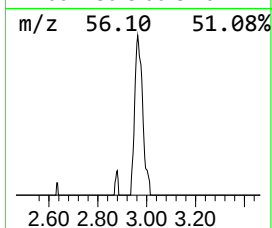
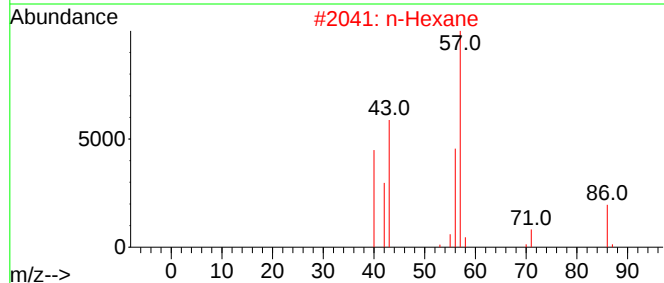
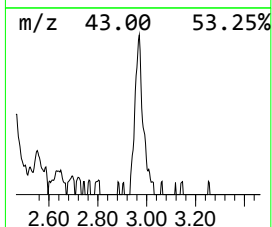
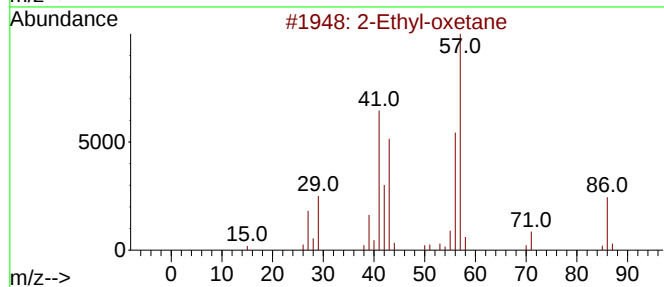
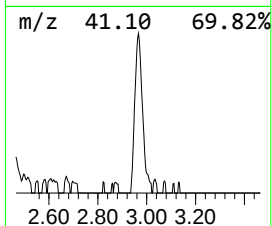
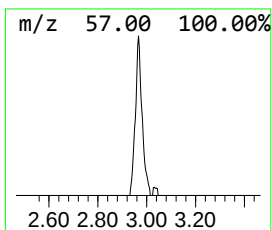
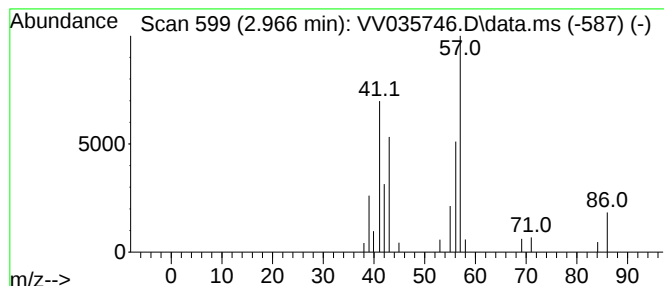
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 2-Ethyl-oxetane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.966	1.42 ug/L	23187	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane			86	C5H10O	1010386-40-2	86
2	n-Hexane			86	C6H14	000110-54-3	80
3	n-Hexane			86	C6H14	000110-54-3	78
4	n-Hexane			86	C6H14	000110-54-3	72
5	n-Hexane			86	C6H14	000110-54-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035746.D
Acq On : 24 May 2024 15:01
Operator : SY/MD
Sample : P2568-19RE
Misc : 6.30g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH640RE

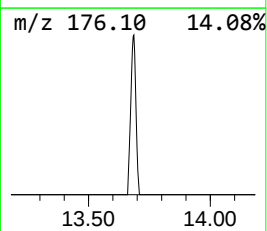
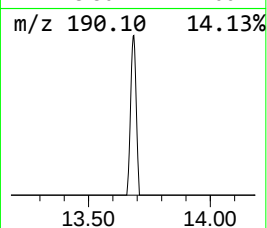
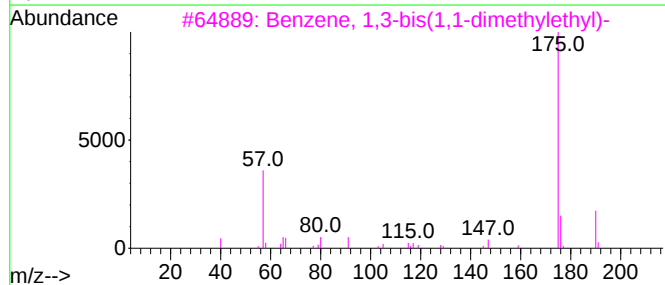
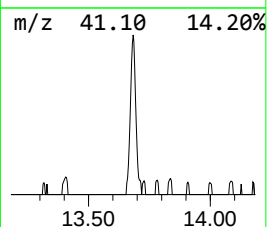
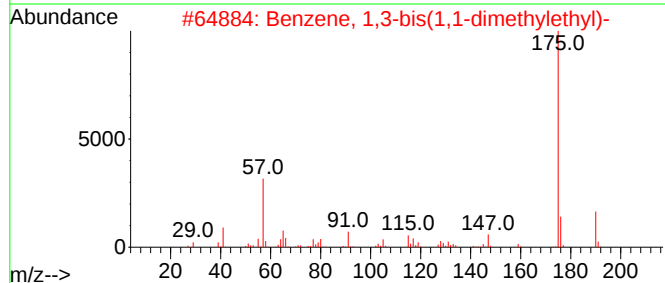
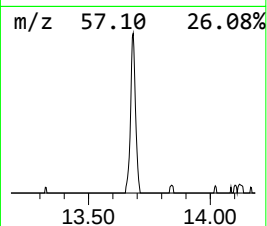
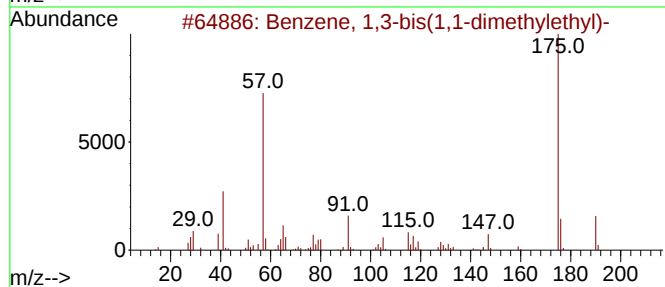
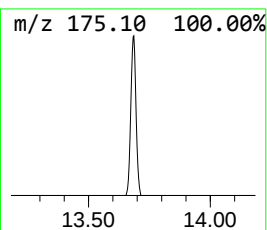
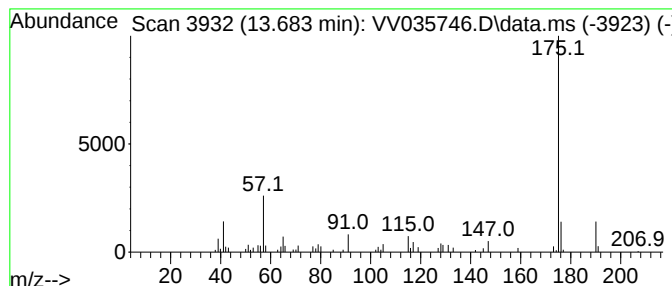
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	3.81 ug/L	48063	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	95
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035746.D
Acq On : 24 May 2024 15:01
Operator : SY/MD
Sample : P2568-19RE
Misc : 6.30g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH640RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Ethyl-oxetane	2.966	1.4	ug/L	23187	1	5.535	407496	25.0
Benzene, 1,3-bi...	13.683	3.8	ug/L	48063	3	11.188	315171	25.0