LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

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\SFAMVLM082224SMA.M
Title : VOC Analysis

Signal : TIC: VV037006.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	11	15	17	rBV	31443	26663	1.17%	0.139%
2	1.191	42	47	52	rBV	22377	20874	0.92%	0.109%
3	1.278	67	74	91	rVB	291266	311508	13.70%	1.622%
4	1.355	92	98	112	rVB	54446	81036	3.56%	0.422%
5	1.532	146	153	166	rVB	264500	311463	13.70%	1.621%
6	2.056	307	316	330	rBV	504188	726178	31.94%	3.780%
7	2.445	430	437	452	rVB	64474	112422	4.94%	0.585%
8	3.275	692	695	698	rBV4	1471	1345	0.06%	0.007%
9	3.317	705	708	711	rBV4	1873	1312	0.06%	0.007%
10	3.413	735	738	742	rBV5	1198	1044	0.05%	0.005%
11	3.555	777	782	786	rBV7	1496	1491	0.07%	0.008%
12	3.593	789	794	796	rBV4	1714	1919	0.08%	0.010%
13	3.629	796	805	823	rVV5	18406	51719	2.27%	0.269%
14	3.844	857	872	891	rBV2	17793	74557	3.28%	0.388%
15	3.998	914	920	935	rVB3	15123	33694	1.48%	0.175%
16	4.243	978	996	1024	rBV	378786	977698	43.00%	5.090%
17	4.558	1088	1094	1096	rBV6	2518	3022	0.13%	0.016%
18	4.645	1119	1121	1124	rVB3	976	568	0.02%	0.003%
19	4.674	1124	1130	1131	rBV5	1873	1475	0.06%	0.008%
20	4.683	1131	1133	1137	rVB5	1664	1071	0.05%	0.006%
21	4.725	1140	1146	1148	rBV6	1430	1545	0.07%	0.008%
22	4.764	1156	1158	1160	rVB3	881	390	0.02%	0.002%
23	4.793	1163	1167	1168	rBV4	1257	819	0.04%	0.004%
24	4.883	1193	1195	1197	rBV2	1019	568	0.02%	0.003%
25	4.895	1197	1199	1201	rBV3	919	566	0.02%	0.003%
26	4.950	1201	1216	1249	rBV2	891230	2192643	96.44%	11.415%
27	5.256	1301	1311	1321	rBV10	8680	18625	0.82%	0.097%
28	5.355	1341	1342	1345	rBV2	708	437	0.02%	0.002%
29	5.400	1353	1356	1358	rBV4	1859	1466	0.06%	0.008%
30	5.529	1384	1396	1432	rBV	798404	1638149	72.05%	8.528%
31	5.725	1455	1457	1460	rVB4	2130	1172	0.05%	0.006%
32	5.776	1471	1473	1477	rBV4	1020	734	0.03%	0.004%
33	5.828	1481	1489	1504	rVB9	13471	30155	1.33%	0.157%
34	5.985	1523	1538	1573	rBV	491187	1037249	45.62%	5.400%
35	6.130	1581	1583	1586	rBV4	1435	1175	0.05%	0.006%
36	6.243	1608	1618	1622	rBV5	10015	18060	0.79%	0.094%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

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\SFAMVLM082224SMA.M
Title : VOC Analysis

37	6.381	1659	1661	1662	rBV2	1030	479	0.02%	0.002%
38	6.423	1671	1674	1676	rBV4	1462	778	0.03%	0.004%
39	6.439	1676	1679	1683	rVV6	1611	1316	0.06%	0.007%
40	6.461	1683	1686	1689	rVV5	1444	796	0.04%	0.004%
41	6.513	1699	1702	1703	rVV2	888	564	0.02%	0.003%
42	6.548	1707	1713	1717	rBV7	1088	1149	0.05%	0.006%
43	6.629	1736	1738	1744	rVB5	1684	1219	0.05%	0.006%
44	6.680	1752	1754	1758	rVB5	771	456	0.02%	0.002%
45	6.757	1776	1778	1780	rVB3	1314	622	0.03%	0.003%
46	6.770	1780	1782	1783	rBV2	1220	546	0.02%	0.003%
47	6.780	1783	1785	1787	rVB3	1153	504	0.02%	0.003%
48	6.799	1787	1791	1795	rVB6	1190	811	0.04%	0.004%
49	6.825	1795	1799	1801	rBV5	1383	879	0.04%	0.005%
50	6.841	1801	1804	1808	rVB5	1792	981	0.04%	0.005%
51	6.863	1808	1811	1812	rBV2	1747	930	0.04%	0.005%
52	6.911	1816	1826	1848	rBV	229188	443666	19.51%	2.310%
53	7.172	1900	1907	1910	rBV7	2169	2990	0.13%	0.016%
54	7.239	1917	1928	1950	rBV	859296	1532988	67.43%	7.980%
55	7.551	2017	2025	2043	rBV	119814	225788	9.93%	1.175%
56	7.873	2113	2125	2144	rBV	42904	99638	4.38%	0.519%
57	8.037	2165	2176	2211	rBV2	91749	290280	12.77%	1.511%
58	8.178	2213	2220	2247	rVB2	80237	166864	7.34%	0.869%
59	8.461	2306	2308	2315	rVB8	1461	1222	0.05%	0.006%
60	8.538	2329	2332	2337	rBV7	1207	1074	0.05%	0.006%
61	8.587	2343	2347	2349	rBV5	1970	1572	0.07%	0.008%
62	8.667	2370	2372	2374	rVV3	1420	673	0.03%	0.004%
63	8.686	2374	2378	2381	rVV6	1016	683	0.03%	0.004%
64	8.725	2386	2390	2394	rBV6	1638	1776	0.08%	0.009%
65	8.780	2394	2407	2438	rBV	879390	1459057	64.17%	7.596%
66	9.079	2494	2500	2508	rBV3	7068	12169	0.54%	0.063%
67	9.243	2549	2551	2554	rBV3	1300	541	0.02%	0.003%
68	9.259	2554	2556	2559	rBV4	1186	843	0.04%	0.004%
69	9.410	2599	2603	2607	rVB7	2198	1794	0.08%	0.009%
70	9.435	2607	2611	2612	rBV4	1194	808	0.04%	0.004%
71	9.680	2683	2687	2688	rBV2	1163	824	0.04%	0.004%
72	9.760	2706	2712	2714	rBV6	5236	5526	0.24%	0.029%
73	9.905	2755	2757	2760	rBV4	1351	736	0.03%	0.004%
74	9.944	2767	2769	2771	rVB2	1612	741	0.03%	0.004%
75	9.998	2784	2786	2789	rVB4	1071	554	0.02%	0.003%
76	10.024	2789	2794	2795	rBV6	1478	1253	0.06%	0.007%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

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\SFAMVLM082224SMA.M
Title : VOC Analysis

77	10.056	2799	2804	2813	rVB9	4562	7440	0.33%	0.039%
78	10.111	2818	2821	2822	rBV2	2773	1666	0.07%	0.009%
79	10.149	2823	2833	2849	rVV	232607	366647	16.13%	1.909%
80	10.323	2876	2887	2896	rBV2	25183	40367	1.78%	0.210%
81	10.387	2904	2907	2909	rBV4	2112	1622	0.07%	0.008%
82	10.445	2917	2925	2938	rBV2	47195	92766	4.08%	0.483%
83	10.509	2941	2945	2963	rVB2	44862	67552	2.97%	0.352%
84	10.853	3043	3052	3064	rBV3	18665	33039	1.45%	0.172%
85	10.966	3084	3087	3094	rVB9	3608	4337	0.19%	0.023%
86	11.021	3097	3104	3112	rVB9	5855	8717	0.38%	0.045%
87	11.079	3115	3122	3130	rBV4	13909	25314	1.11%	0.132%
88	11.181	3144	3154	3173	rBV	513077	823680	36.23%	4.288%
89	11.490	3237	3250	3253	rBV4	20154	36830	1.62%	0.192%
90	11.558	3262	3271	3288	rVB	359300	607445	26.72%	3.162%
91	11.953	3388	3394	3403	rVB2	19136	26570	1.17%	0.138%
92	12.191	3462	3468	3476	rVB6	21515	32155	1.41%	0.167%
93	12.400	3525	3533	3546	rVB	100695	151863	6.68%	0.791%
94	12.487	3552	3560	3564	rBV2	45608	66768	2.94%	0.348%
95	12.519	3566	3570	3575	rBV2	50628	58368	2.57%	0.304%
96	12.934	3692	3699	3707	rBV	144084	223711	9.84%	1.165%
97	13.204	3773	3783	3788	rBV3	572421	913918	40.20%	4.758%
98	13.397	3838	3843	3861	rVB3	215972	457011	20.10%	2.379%
99	14.021	4029	4037	4053	rBV3	1030973	2273575	100.00%	11.836%
100	14.165	4076	4082	4092	rBV2	600577	936944	41.21%	4.878%

Sum of corrected areas: 19209207

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
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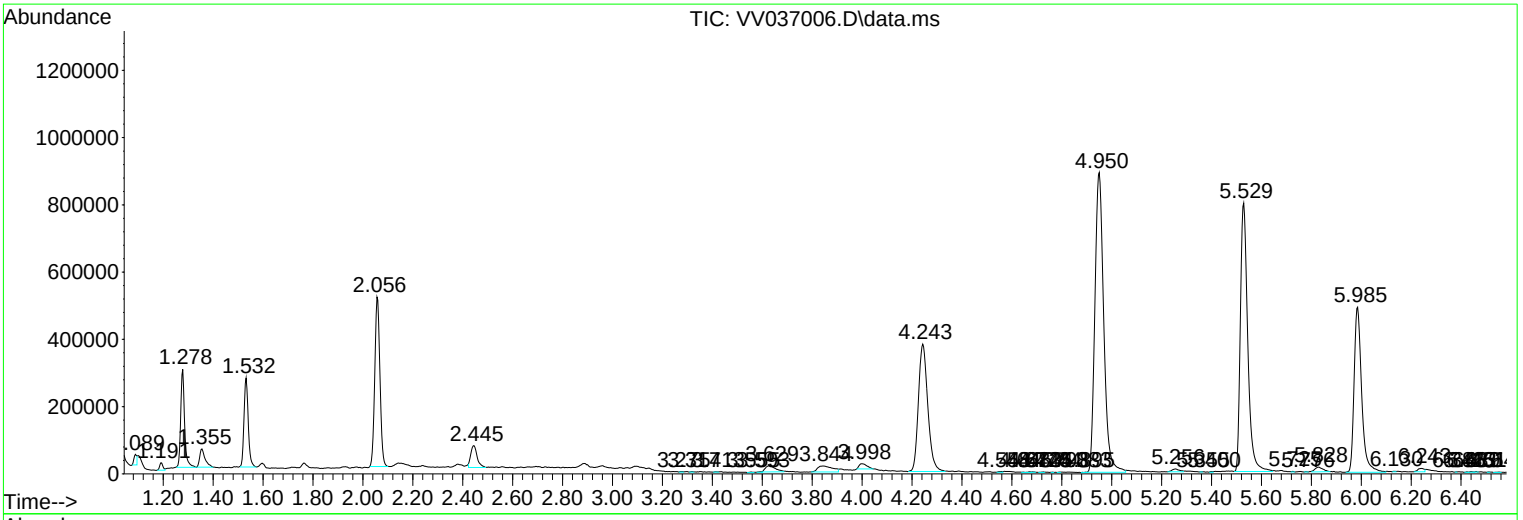
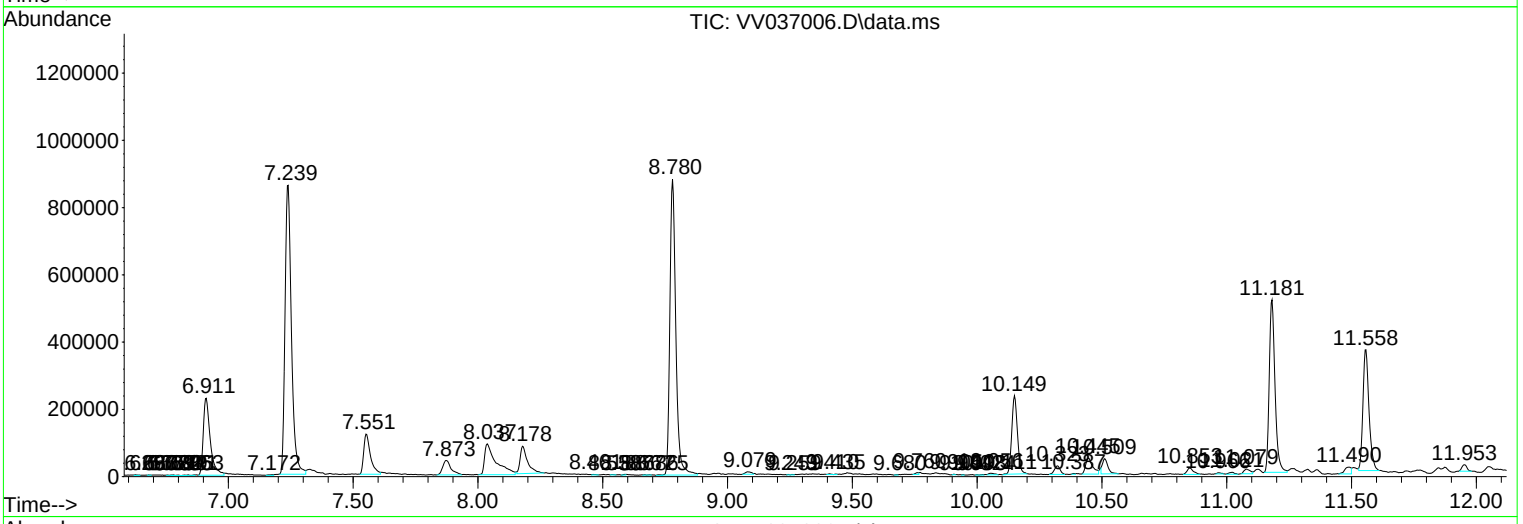
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

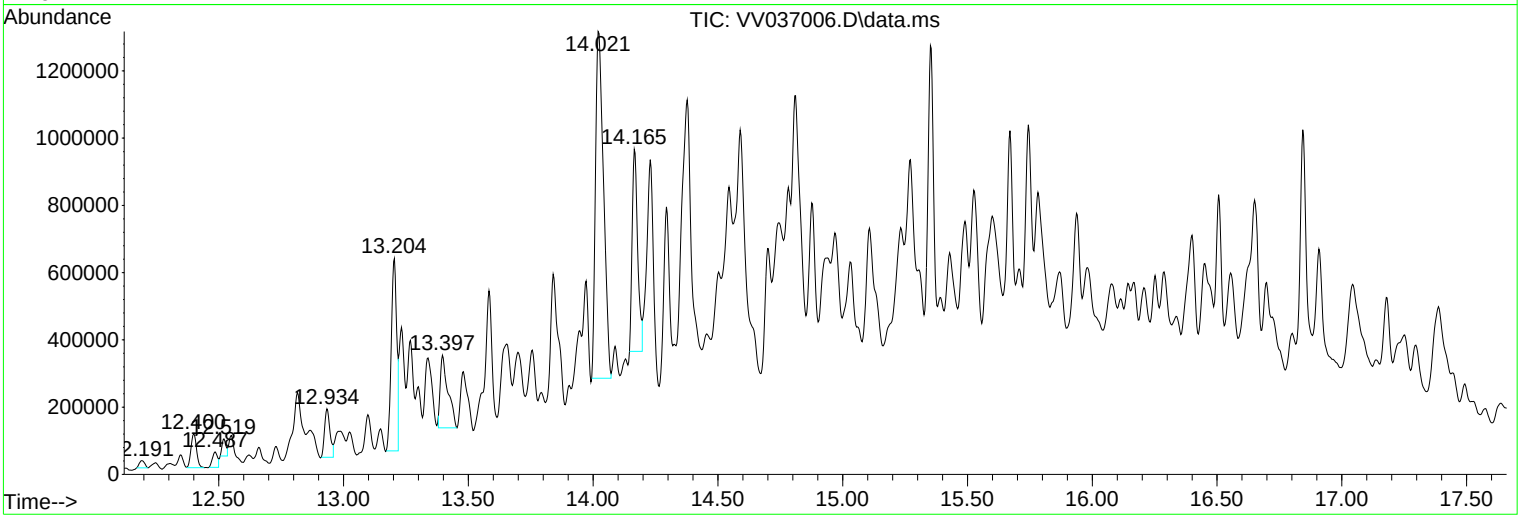
Instrument :
MSVOA_V
ClientSampleId :
GCN87

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

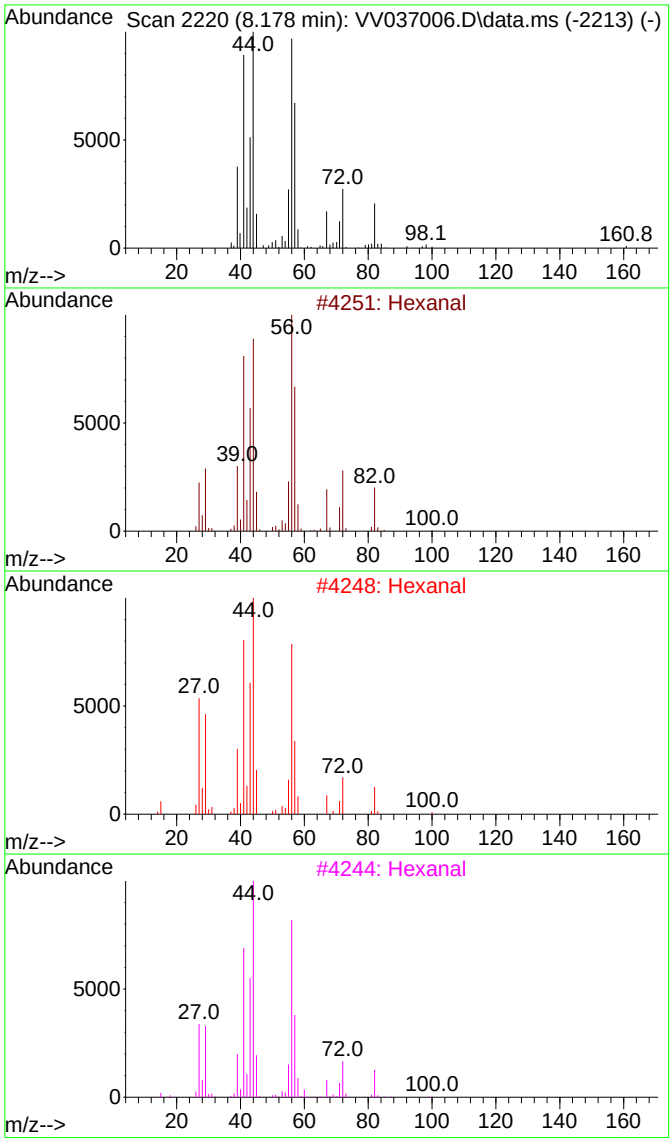
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

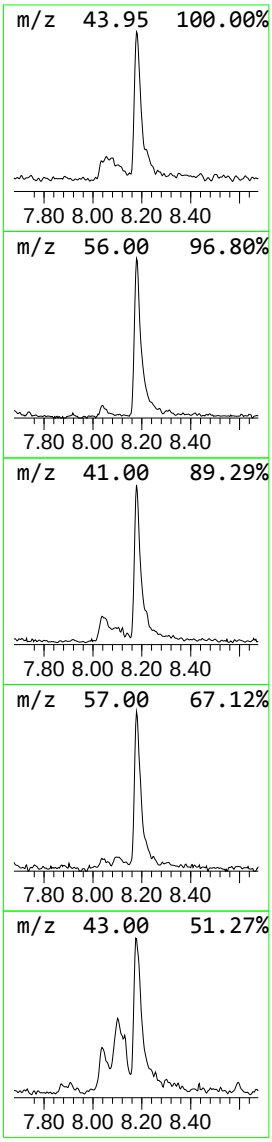
****

Peak Number 4 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.178	2.86 ug/L	166864	Chlorobenzene-d5	8.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	94
2	Hexanal	100	C6H12O	000066-25-1	78
3	Hexanal	100	C6H12O	000066-25-1	72
4	Hexanal	100	C6H12O	000066-25-1	64
5	Hexanal	100	C6H12O	000066-25-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

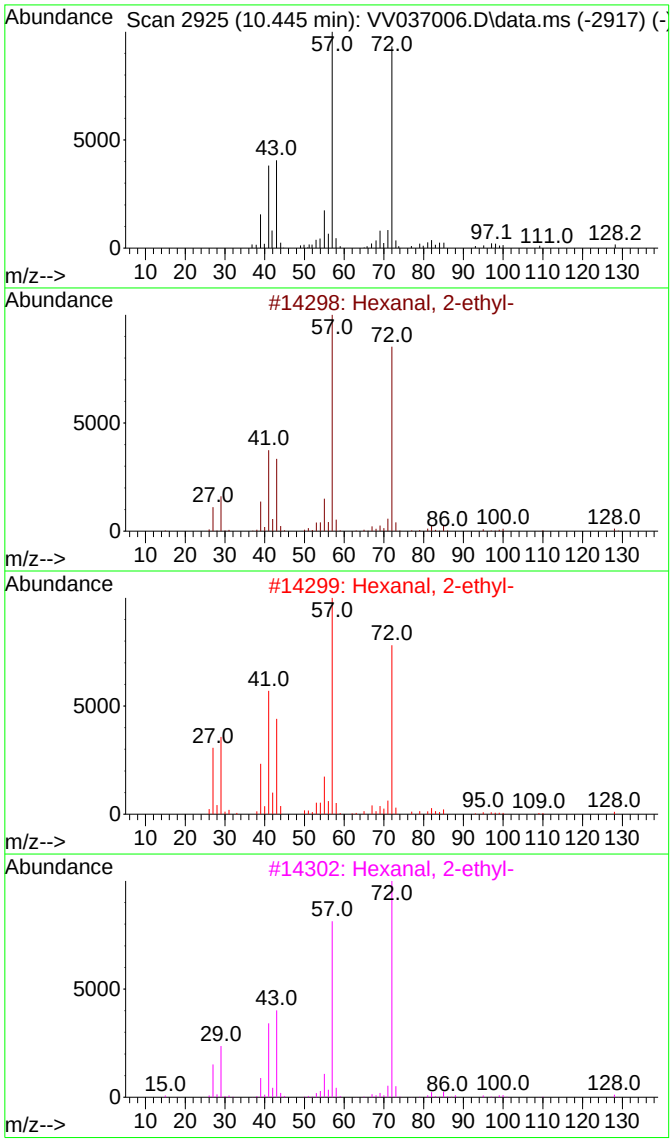
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

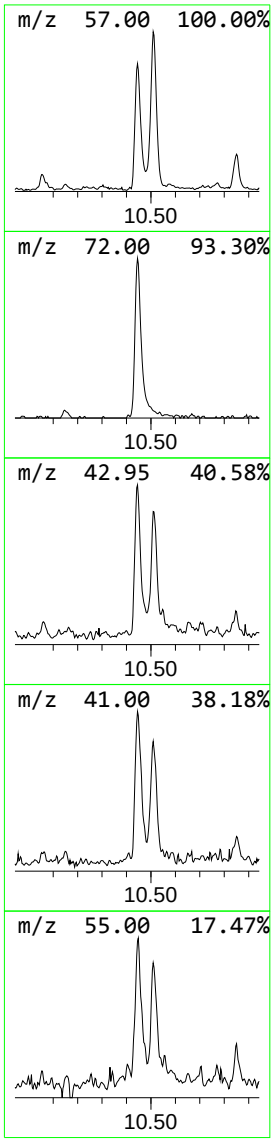
****

Peak Number 5 Hexanal, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	2.82 ug/L	92766	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	90
2	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	80
3	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	74
4	2-Propanone, hydrazone	72	C3H8N2	005281-20-9	72
5	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

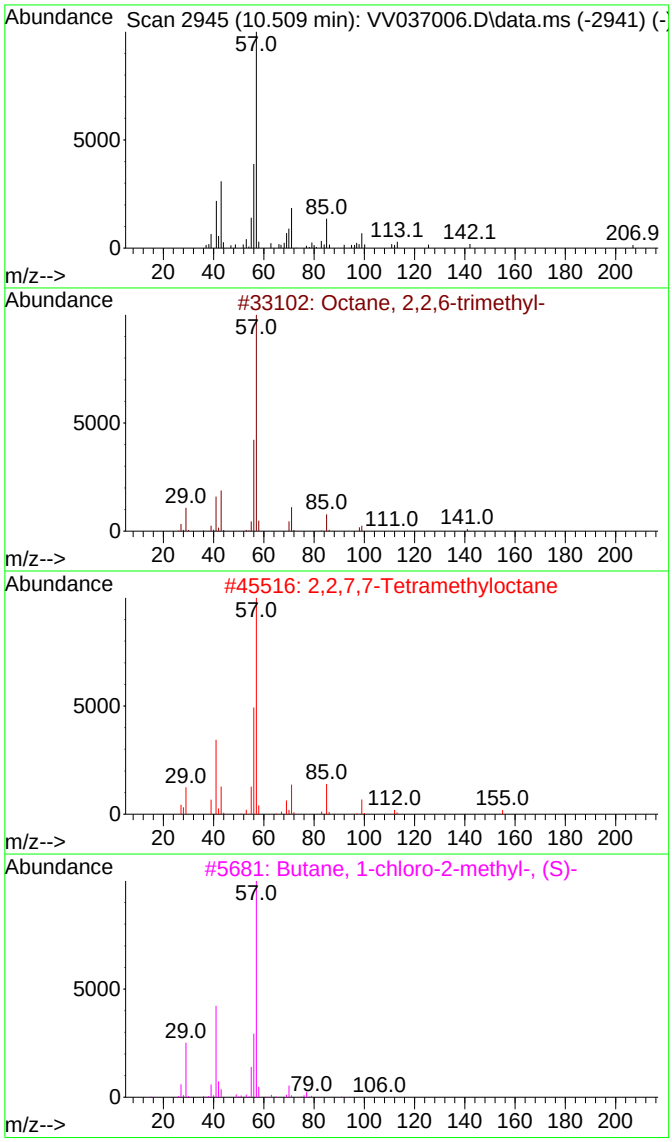
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

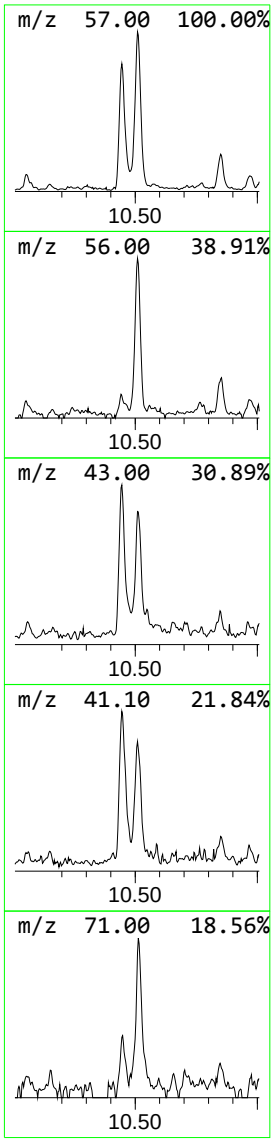
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.509	2.05 ug/L	67552	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
3	Butane, 1-chloro-2-methyl-, (S)-	106	C5H11Cl	040560-29-0	53
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

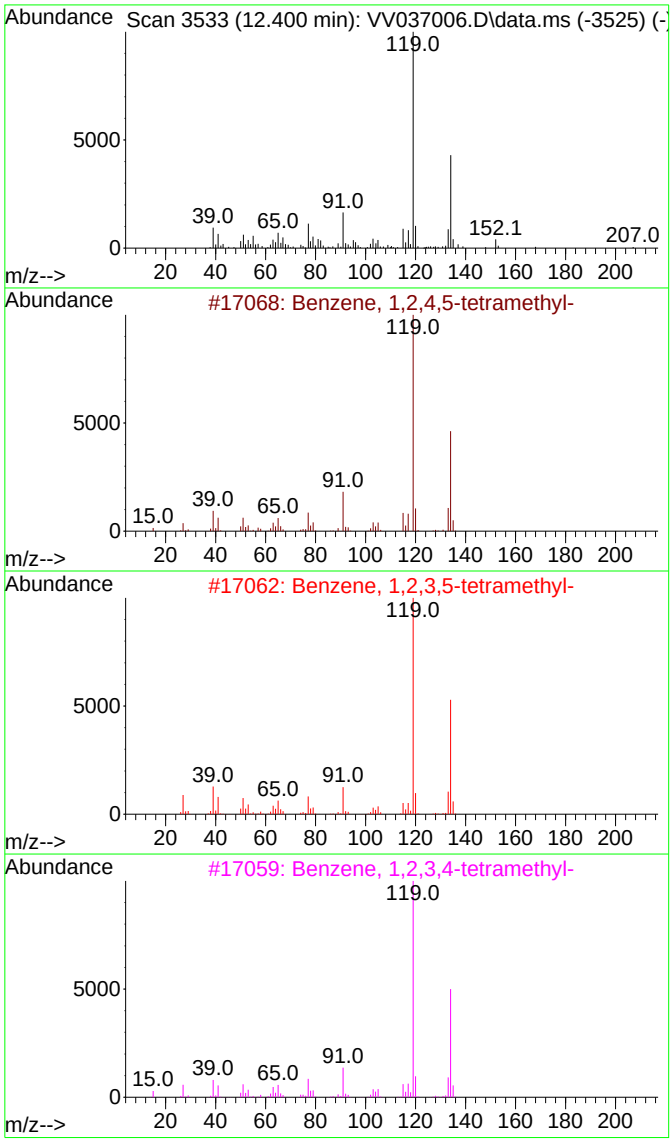
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

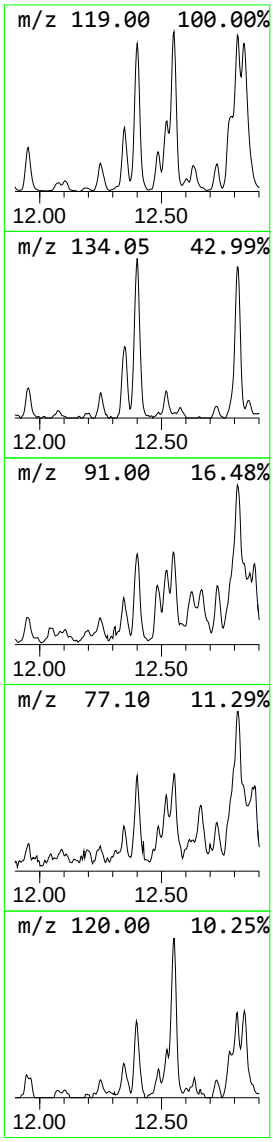
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.400	4.61 ug/L	151863	1,4-Dichlorobenzene-d4	11.181

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	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

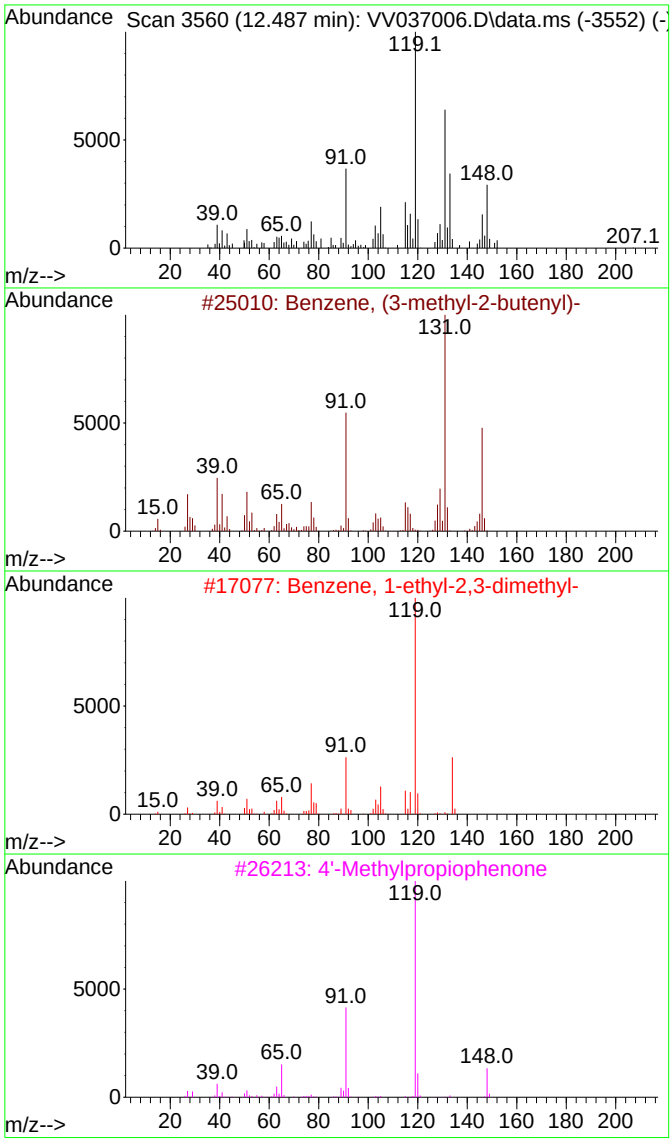
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

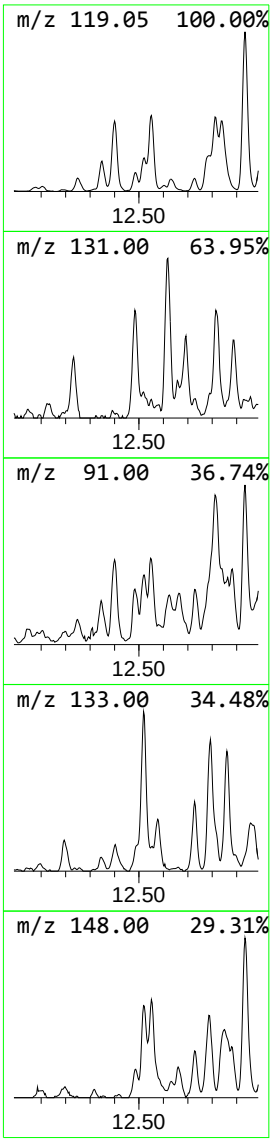
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.487	2.03 ug/L	66768	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	46
3	4'-Methylpropiophenone	148	C10H12O	005337-93-9	45
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	42
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

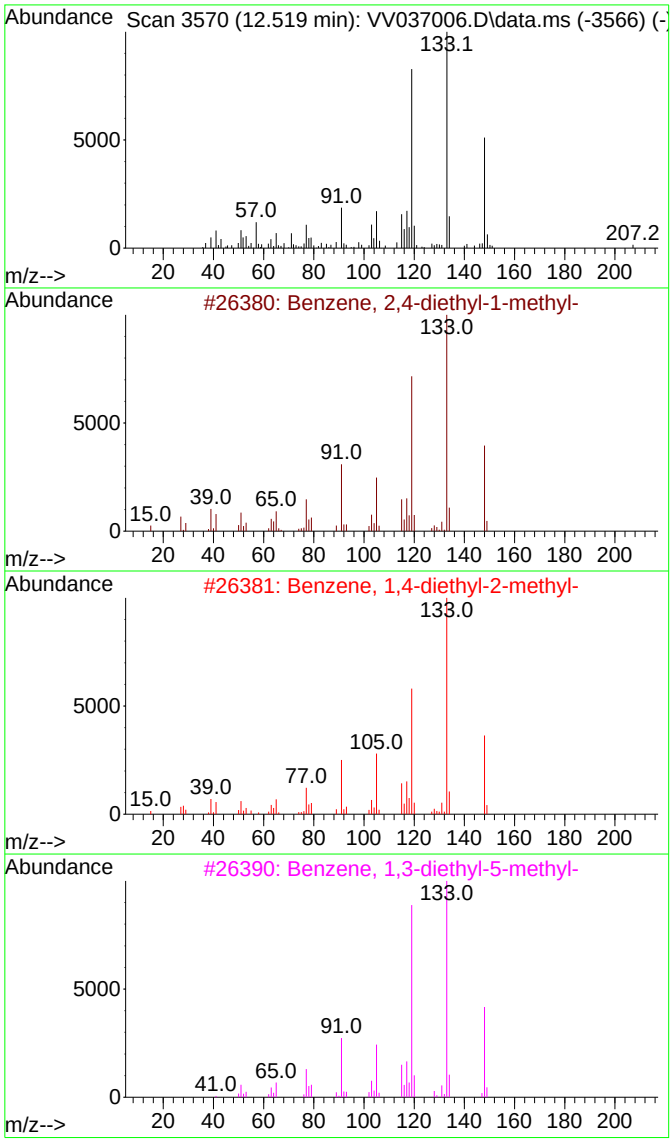
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

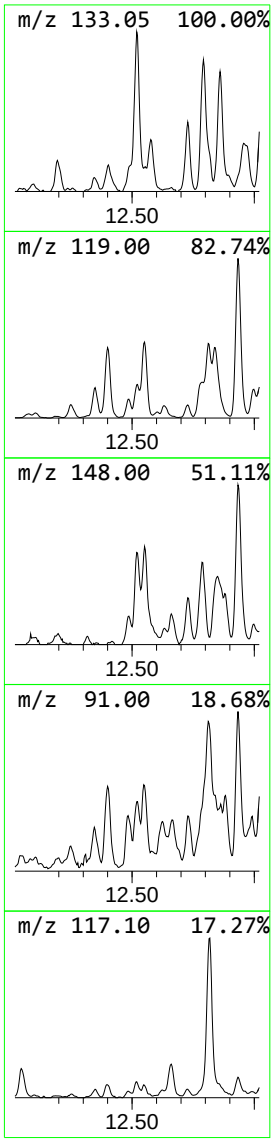
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.519	1.77 ug/L	58368	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	94
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	94
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
4	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	94
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

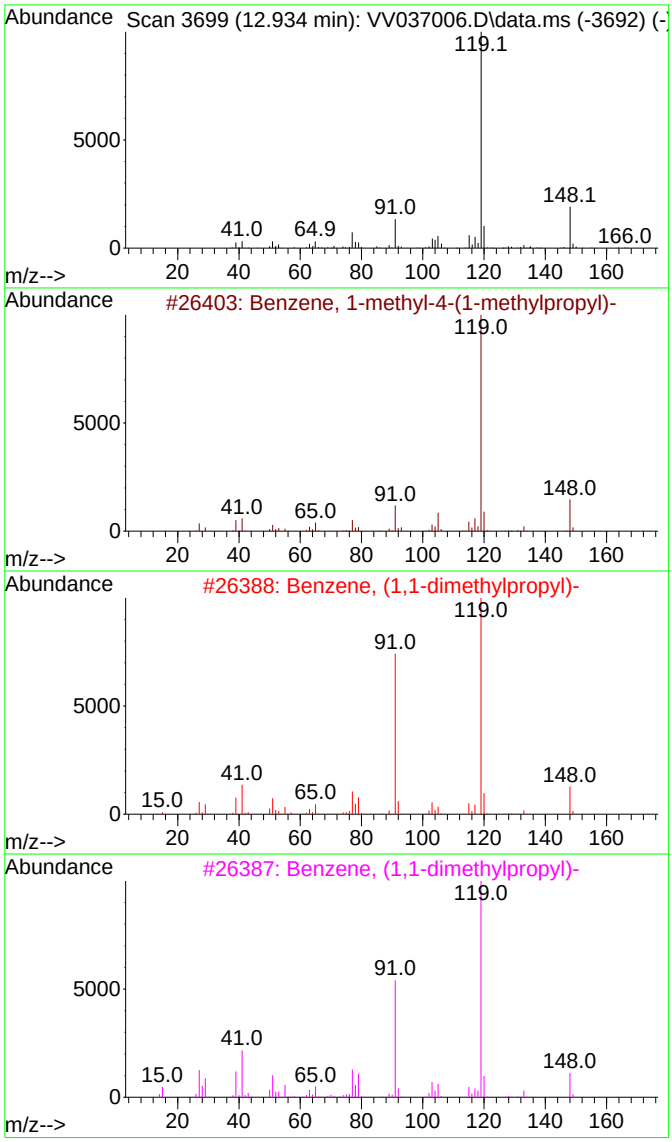
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

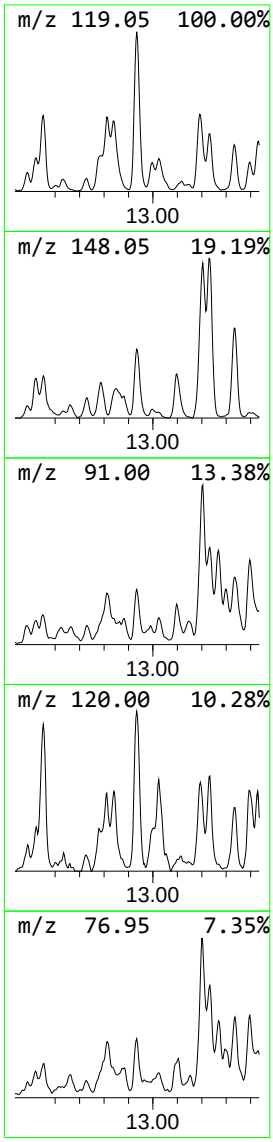
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-methyl-4-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	6.79 ug/L	223711	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	91
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	87
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	86
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
5	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

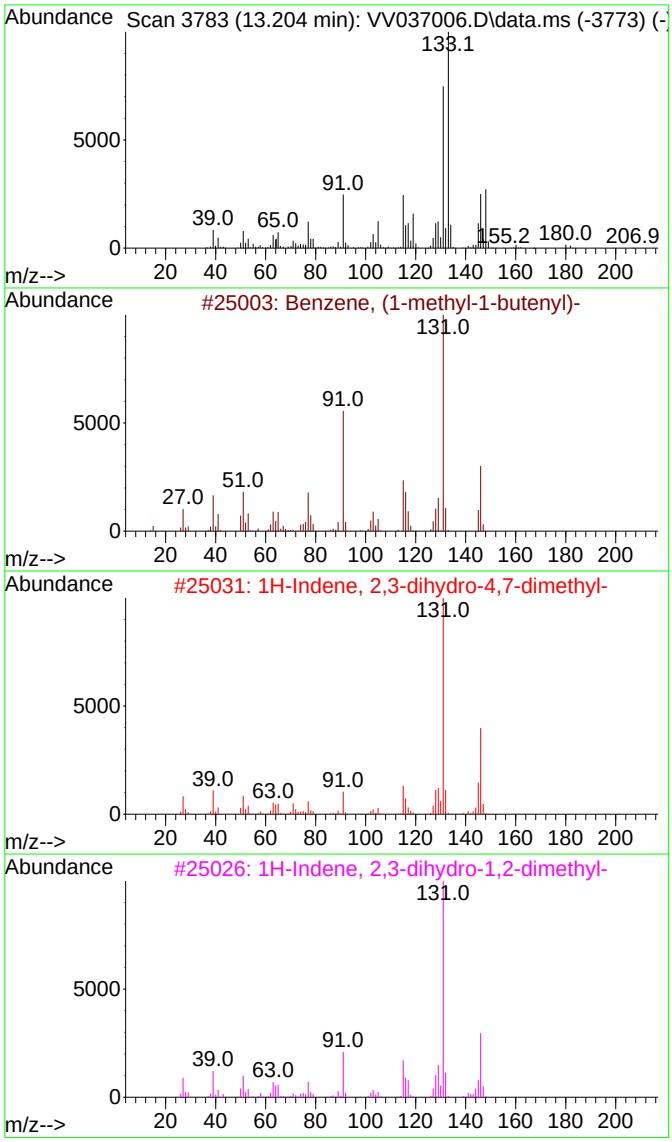
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

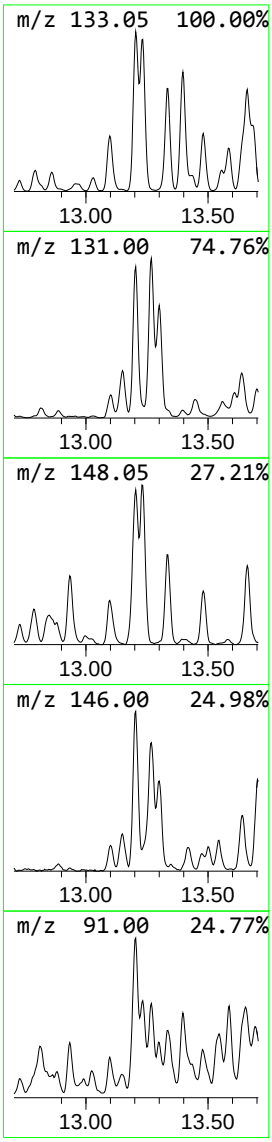
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, (1-methyl-1-butenyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	27.74 ug/L	913918	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	87
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

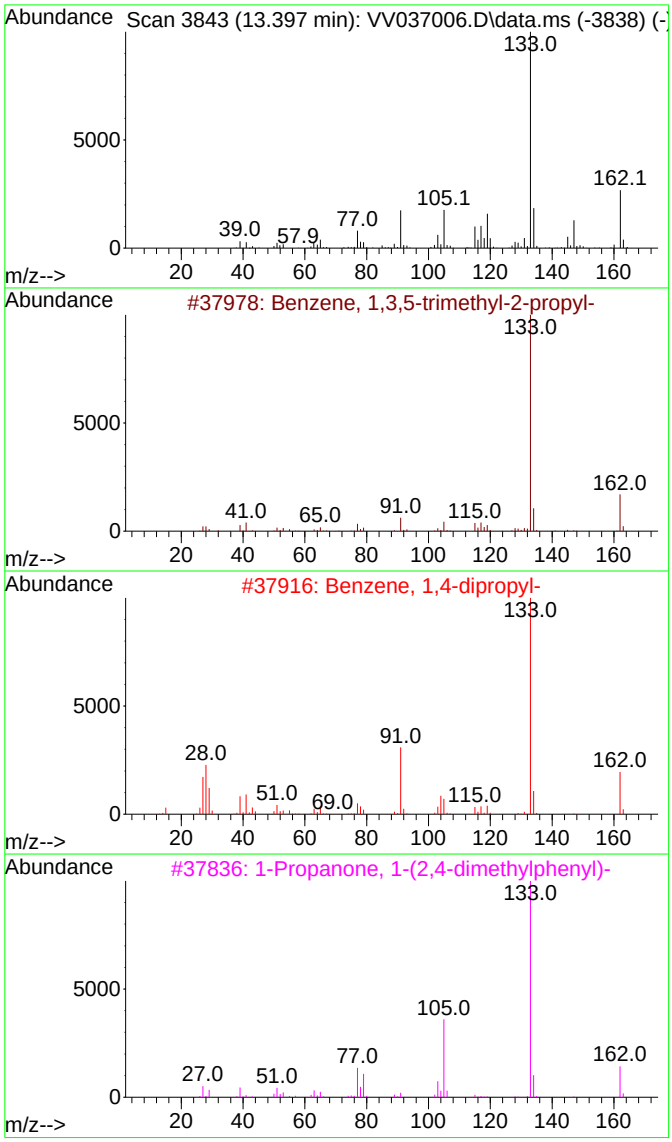
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

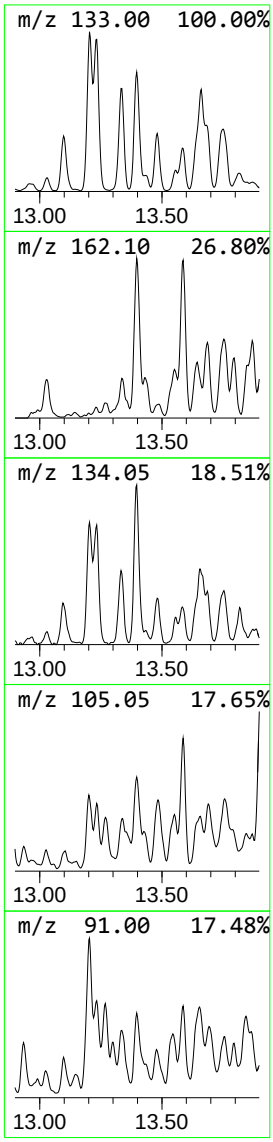
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.397	13.87 ug/L	457011	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	81
2	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	64
3	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	53
4	2'-Ethylpropiophenone	162	C11H14O	016819-79-7	53
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

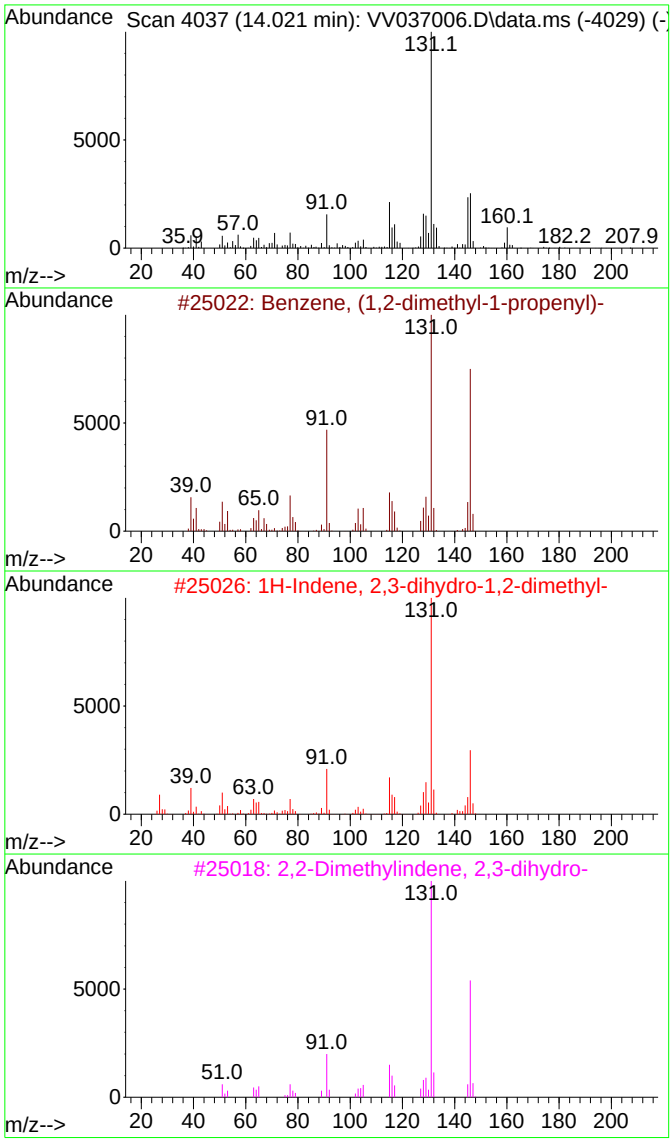
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

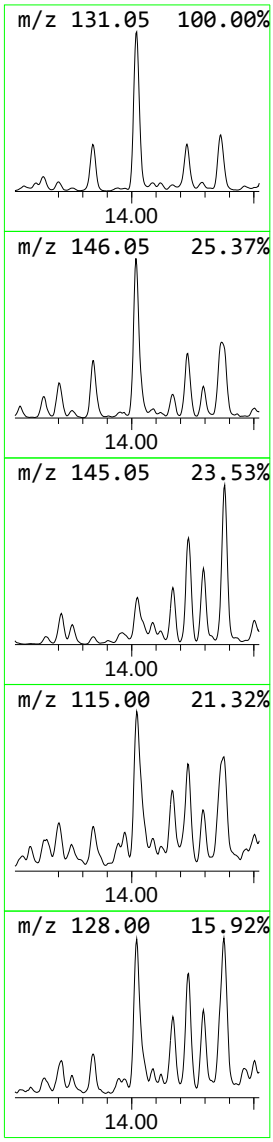
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.021	69.01 ug/L	2273580	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

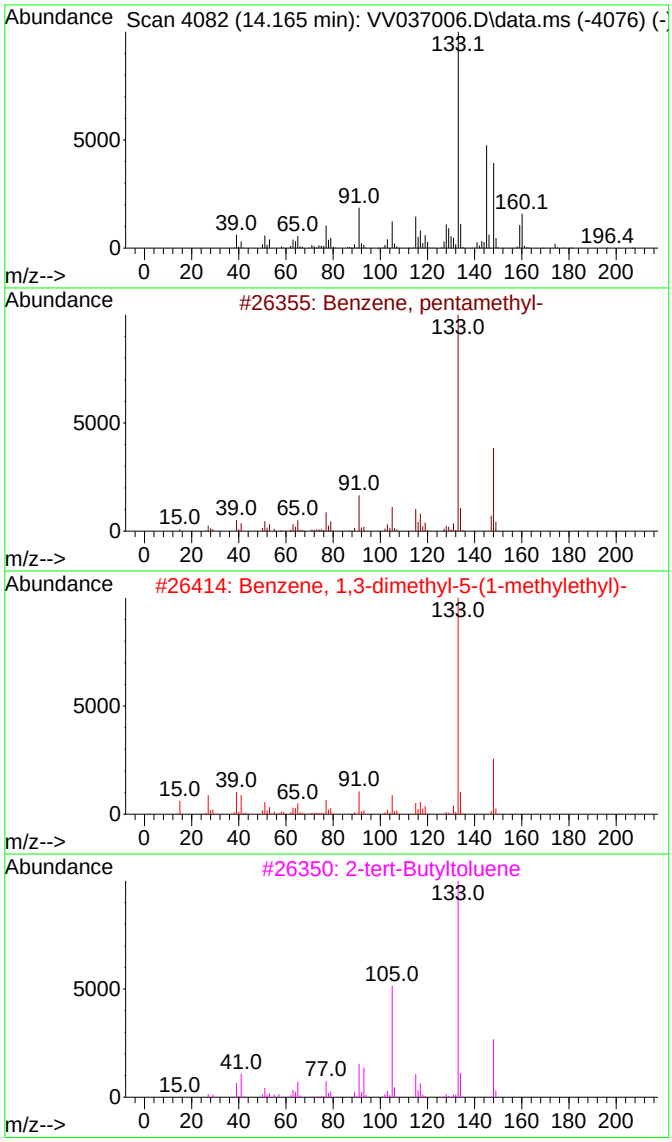
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

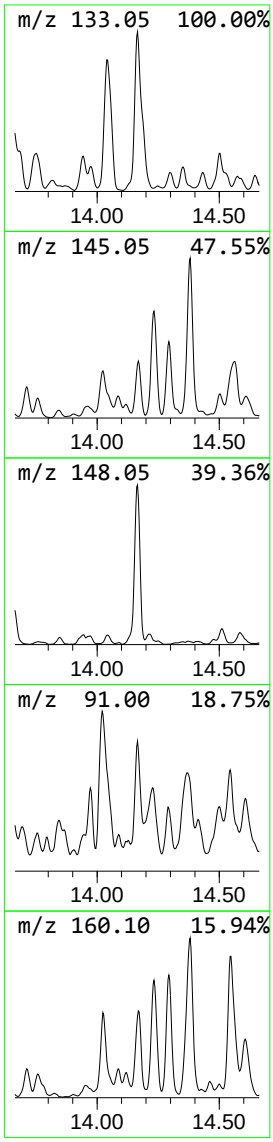
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, pentamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.165	28.44 ug/L	936944	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	60
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	60
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	60
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
Data File : VV037006.D
Acq On : 22 Aug 2024 14:23
Operator : SY/MD
Sample : P3696-01
Misc : 6.04g/10mL/MSVOA_V/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GCN87

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	8.178	2.9	ug/L	166864	2	8.780	1459060	25.0
Hexanal, 2-ethyl-	10.445	2.8	ug/L	92766	3	11.181	823680	25.0
(DEL) Alkane: S...	10.509	2.0	ug/L	67552	3	11.181	823680	25.0
Benzene, 1,2,4,...	12.400	4.6	ug/L	151863	3	11.181	823680	25.0
Benzene, (3-met...	12.487	2.0	ug/L	66768	3	11.181	823680	25.0
Benzene, 2,4-di...	12.519	1.8	ug/L	58368	3	11.181	823680	25.0
Benzene, 1-meth...	12.934	6.8	ug/L	223711	3	11.181	823680	25.0
Benzene, (1-met...	13.204	27.7	ug/L	913918	3	11.181	823680	25.0
Benzene, 1,3,5-...	13.397	13.9	ug/L	457011	3	11.181	823680	25.0
Benzene, (1,2-d...	14.021	69.0	ug/L	2273580	3	11.181	823680	25.0
Benzene, pentam...	14.165	28.4	ug/L	936944	3	11.181	823680	25.0