LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

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_X\Method\SFAMXLM070324WMA.M
Title : VOC Analysis

Signal : TIC: VX042443.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	22	28	35	rBV2	13995	21440	0.01%	0.007%
2	1.374	42	47	66	rVB2	60449	175776	0.06%	0.056%
3	1.648	86	92	96	rBV2	14982	32773	0.01%	0.011%
4	2.276	188	195	211	rBV	88318	182075	0.07%	0.058%
5	2.721	264	268	273	rVV3	1461	3013	0.00%	0.001%
6	2.776	273	277	288	rVB4	1881	4503	0.00%	0.001%
7	2.953	298	306	314	rBV2	2335	6896	0.00%	0.002%
8	3.081	319	327	341	rBV2	19971	78349	0.03%	0.025%
9	3.611	407	414	418	rBV3	503	1122	0.00%	0.000%
10	4.483	544	557	617	rBV	2250006	7386962	2.66%	2.367%
11	5.056	640	651	669	rBV	71950	225706	0.08%	0.072%
12	5.373	696	703	704	rBV3	1354	2518	0.00%	0.001%
13	5.556	727	733	735	rBV2	587	1155	0.00%	0.000%
14	5.964	789	800	821	rBV2	206398	587464	0.21%	0.188%
15	6.604	894	905	913	rVB5	1732	4136	0.00%	0.001%
16	6.763	921	931	948	rBV	185915	466008	0.17%	0.149%
17	7.123	979	990	1013	rBV	7729462	17082492	6.16%	5.473%
18	7.312	1013	1021	1031	rBV	113401	251239	0.09%	0.080%
19	7.769	1091	1096	1101	rVB4	1470	2949	0.00%	0.001%
20	7.958	1121	1127	1138	rVB8	1616	3972	0.00%	0.001%
21	8.183	1158	1164	1169	rBV5	2108	4081	0.00%	0.001%
22	8.275	1172	1179	1182	rBV2	19591	32475	0.01%	0.010%
23	8.330	1182	1188	1200	rVB	67283	126821	0.05%	0.041%
24	8.433	1200	1205	1215	rBV	19544	35222	0.01%	0.011%
25	8.506	1215	1217	1225	rVB5	2200	3275	0.00%	0.001%
26	8.598	1225	1232	1236	rBV	49217	95759	0.03%	0.031%
27	8.653	1236	1241	1247	rVB	285038	482957	0.17%	0.155%
28	8.720	1247	1252	1259	rBV	356495	609668	0.22%	0.195%
29	8.915	1278	1284	1288	rBV	123769	206818	0.07%	0.066%
30	8.964	1288	1292	1300	rVB2	51519	138752	0.05%	0.044%
31	9.104	1310	1315	1323	rVB4	39699	85601	0.03%	0.027%
32	9.323	1336	1351	1358	rBV4	51928458	277453507	100.00%	88.897%
33	9.397	1362	1363	1373	rVV	282169	419558	0.15%	0.134%
34	9.518	1377	1383	1388	rVV4	131234	344513	0.12%	0.110%
35	9.573	1388	1392	1397	rVV	133677	199907	0.07%	0.064%
36	9.628	1397	1401	1404	rVV	64737	108851	0.04%	0.035%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

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_X\Method\SFAMXLM070324WMA.M
Title : VOC Analysis

37	9.677	1406	1409	1416	rVV4	71269	153331	0.06%	0.049%
38	9.762	1419	1423	1427	rVV	105810	177962	0.06%	0.057%
39	9.835	1431	1435	1438	rVV2	122011	201249	0.07%	0.064%
40	9.878	1439	1442	1443	rVV2	76568	99234	0.04%	0.032%
41	9.909	1443	1447	1451	rVV2	195453	296383	0.11%	0.095%
42	9.951	1451	1454	1459	rVB	29808	35964	0.01%	0.012%
43	10.012	1459	1464	1468	rBV	218938	322312	0.12%	0.103%
44	10.055	1468	1471	1480	rVB	415151	560526	0.20%	0.180%
45	10.195	1491	1494	1498	rVB3	54941	80927	0.03%	0.026%
46	10.238	1498	1501	1504	rVV	56288	82706	0.03%	0.026%
47	10.305	1508	1512	1517	rVV2	206888	377158	0.14%	0.121%
48	10.360	1517	1521	1525	rVV	388249	483948	0.17%	0.155%
49	10.402	1525	1528	1532	rVB	64838	87206	0.03%	0.028%
50	10.457	1532	1537	1540	rVB3	12046	17274	0.01%	0.006%
51	10.494	1540	1543	1546	rVB2	6361	6527	0.00%	0.002%
52	10.585	1552	1558	1562	rBV3	55948	90621	0.03%	0.029%
53	10.646	1564	1568	1582	rVB2	77181	157960	0.06%	0.051%
54	10.756	1582	1586	1587	rBV2	11985	15636	0.01%	0.005%
55	10.780	1587	1590	1594	rVB2	39869	49269	0.02%	0.016%
56	10.854	1598	1602	1607	rVV3	39496	53346	0.02%	0.017%
57	10.951	1614	1618	1623	rBV4	6216	11513	0.00%	0.004%
58	11.030	1629	1631	1634	rVB	6171	5502	0.00%	0.002%
59	11.195	1653	1658	1672	rVB	242567	329203	0.12%	0.105%
60	11.305	1672	1676	1679	rBV2	5154	6714	0.00%	0.002%
61	11.384	1684	1689	1694	rVV	18984	34280	0.01%	0.011%
62	11.451	1694	1700	1702	rVV2	22316	38147	0.01%	0.012%
63	11.475	1702	1704	1714	rVB2	30272	38947	0.01%	0.012%
64	11.622	1723	1728	1733	rBV7	4532	9901	0.00%	0.003%
65	11.664	1733	1735	1740	rVB5	2078	3159	0.00%	0.001%
66	11.713	1740	1743	1746	rBV2	4770	5270	0.00%	0.002%
67	11.756	1746	1750	1760	rVB	23870	37719	0.01%	0.012%
68	11.860	1760	1767	1769	rBV7	2571	6078	0.00%	0.002%
69	11.890	1770	1772	1776	rVB4	2366	2728	0.00%	0.001%
70	11.939	1776	1780	1783	rBV5	3765	4983	0.00%	0.002%
71	11.988	1783	1788	1790	rBV	23988	35091	0.01%	0.011%
72	12.024	1790	1794	1800	rVB	480218	607114	0.22%	0.195%
73	12.219	1823	1826	1833	rBV2	6344	11737	0.00%	0.004%
74	12.323	1837	1843	1851	rBV	369302	497264	0.18%	0.159%
75	12.420	1854	1859	1864	rVV2	21899	31821	0.01%	0.010%
76	12.530	1873	1877	1879	rBV5	1953	3097	0.00%	0.001%

LSC Area Percent Report

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Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

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_X\Method\SFAMXLM070324WMA.M
Title : VOC Analysis

77	12.719	1905	1908	1912	rVB6	2447	2939	0.00%	0.001%
78	12.768	1912	1916	1921	rBV3	10665	15018	0.01%	0.005%
79	12.817	1921	1924	1929	rVB5	3183	4596	0.00%	0.001%
80	12.878	1931	1934	1936	rBV3	1687	2408	0.00%	0.001%
81	12.975	1947	1950	1956	rVB5	3440	6613	0.00%	0.002%
82	13.042	1958	1961	1965	rVB5	1592	1864	0.00%	0.001%
83	13.207	1985	1988	1991	rBV4	971	1158	0.00%	0.000%
84	13.268	1993	1998	2001	rBV	7370	9911	0.00%	0.003%
85	13.384	2013	2017	2021	rBV3	4428	6247	0.00%	0.002%
86	13.597	2048	2052	2058	rBV6	1427	2419	0.00%	0.001%
87	13.701	2064	2069	2072	rBV7	1712	3134	0.00%	0.001%
88	13.786	2078	2083	2088	rBV4	2210	4300	0.00%	0.001%
89	13.841	2088	2092	2099	rBV7	2436	5592	0.00%	0.002%
90	14.036	2120	2124	2129	rVV	7025	8137	0.00%	0.003%
91	14.103	2132	2135	2137	rBV3	1201	1551	0.00%	0.000%
92	14.371	2174	2179	2183	rBV2	5670	7959	0.00%	0.003%
93	14.426	2186	2188	2191	rVB3	1507	1554	0.00%	0.000%
94	14.615	2215	2219	2222	rBV	2726	3383	0.00%	0.001%
95	14.755	2238	2242	2245	rBV	7393	9034	0.00%	0.003%
96	14.987	2278	2280	2286	rVB6	3188	4358	0.00%	0.001%
97	15.213	2313	2317	2321	rVB3	4297	5949	0.00%	0.002%
98	15.487	2358	2362	2367	rBV2	5333	7759	0.00%	0.002%
99	15.962	2435	2440	2449	rBV6	10066	20334	0.01%	0.007%
100	16.090	2456	2461	2468	rBV2	18795	32503	0.01%	0.010%

Sum of corrected areas: 312106840

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
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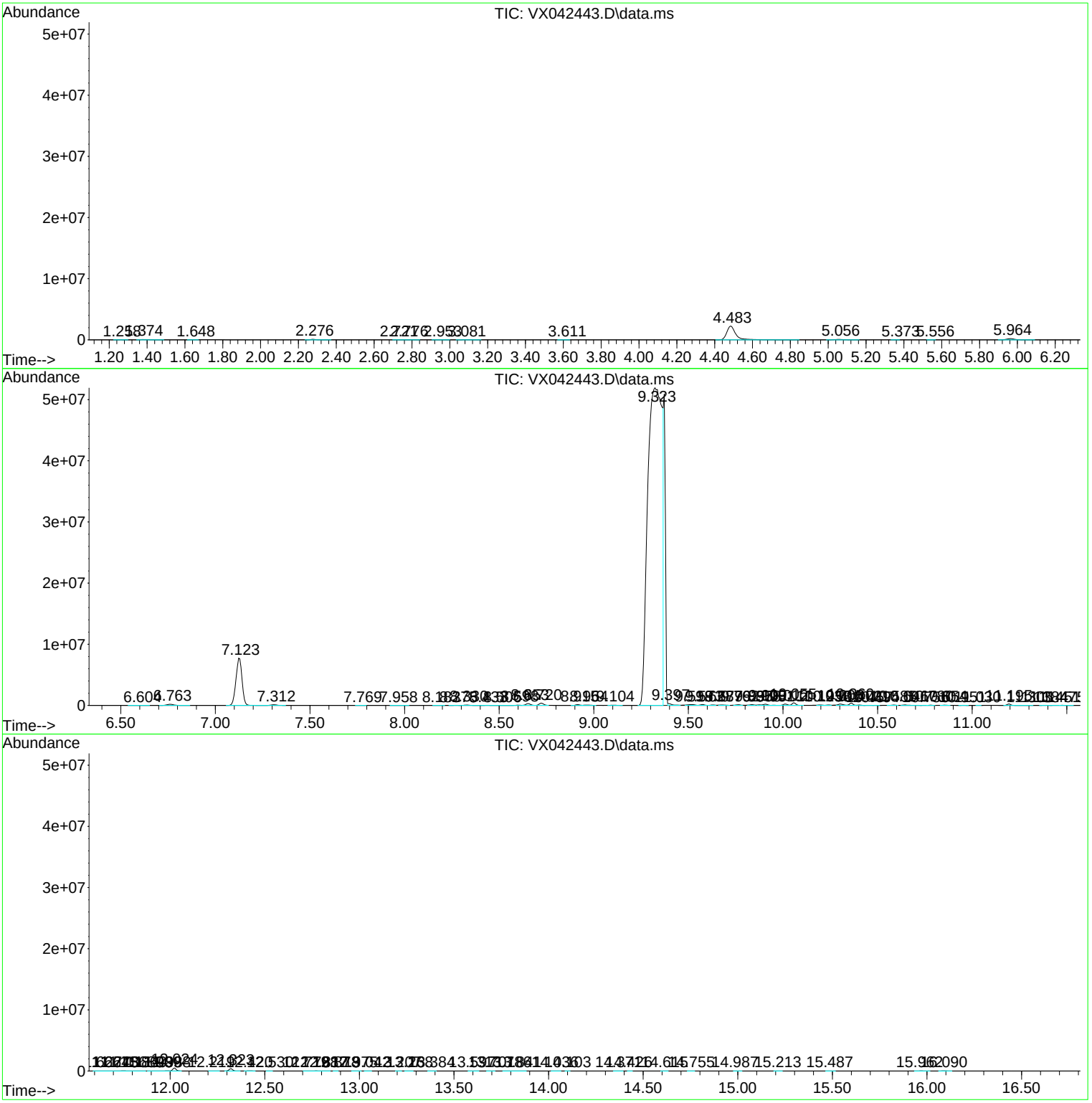
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
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Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

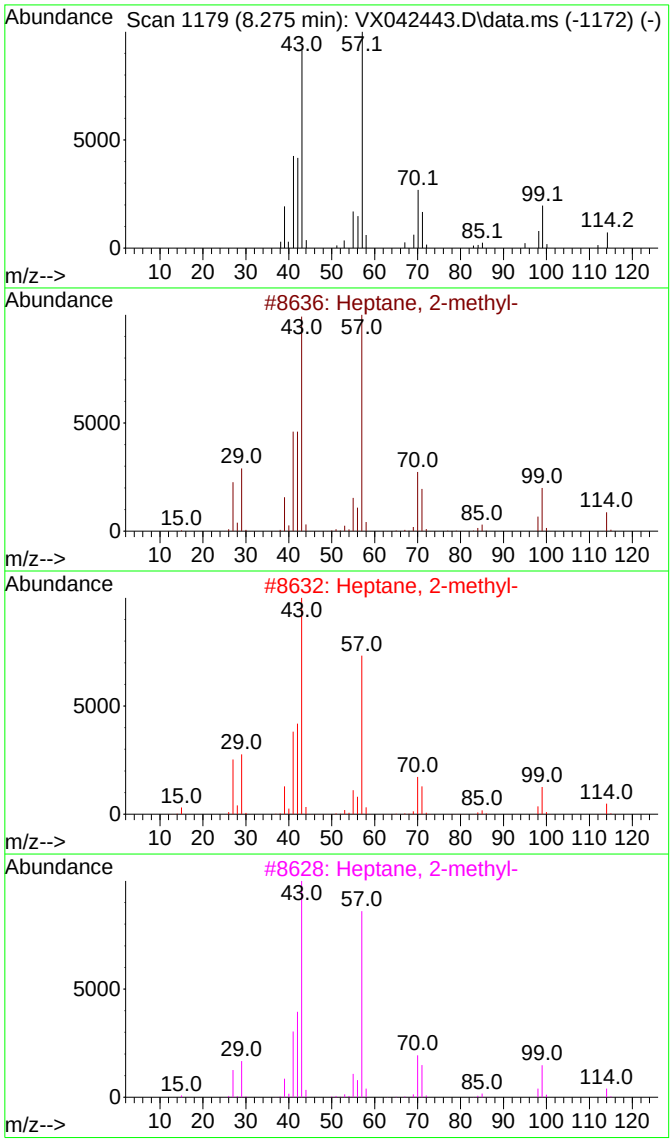
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

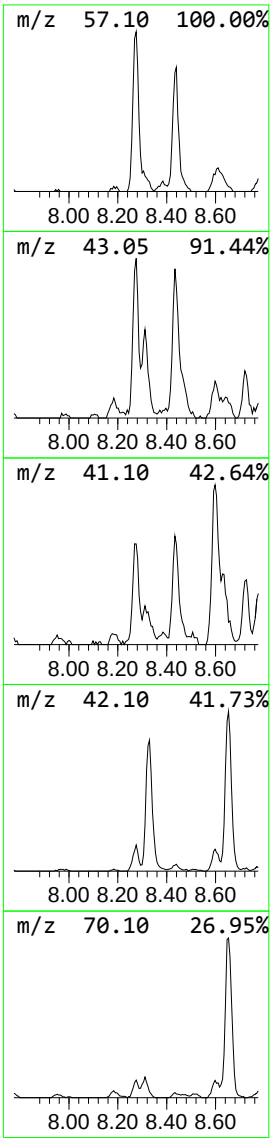
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	3.48 ug/L	32475	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	95
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	81
5	2-Piperidinone	99	C5H9NO	000675-20-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

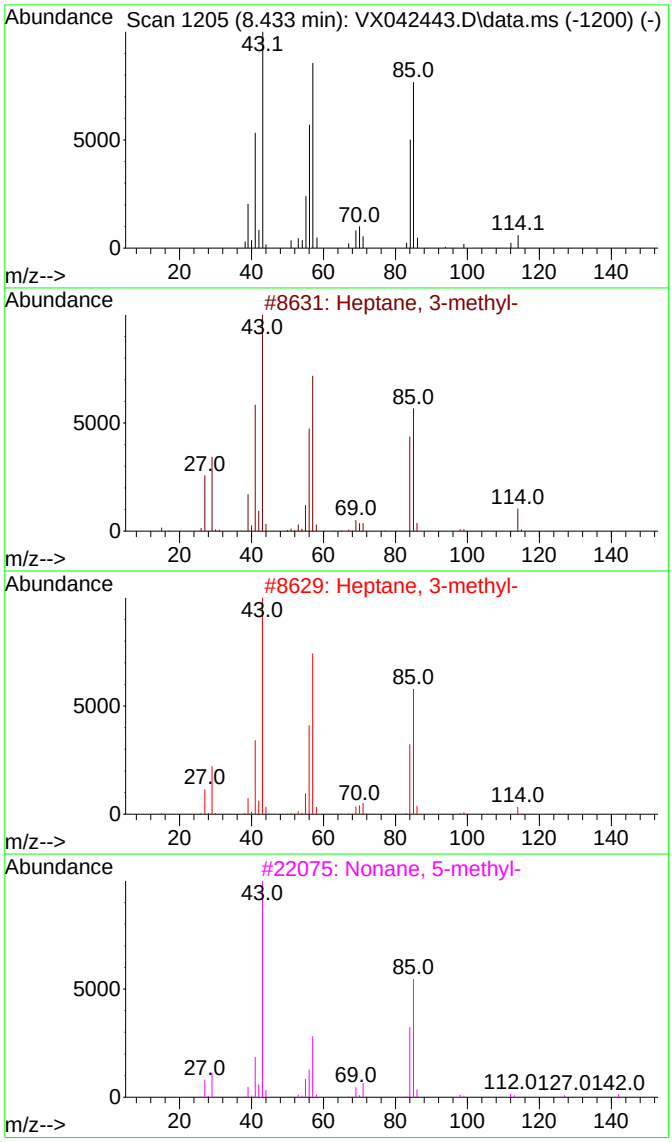
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

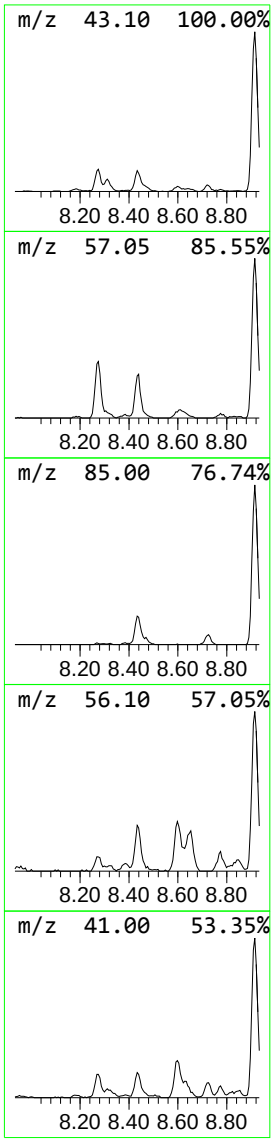
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.433	3.14 ug/L	35222	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
3	Nonane, 5-methyl-	142	C10H22	015869-85-9	64
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

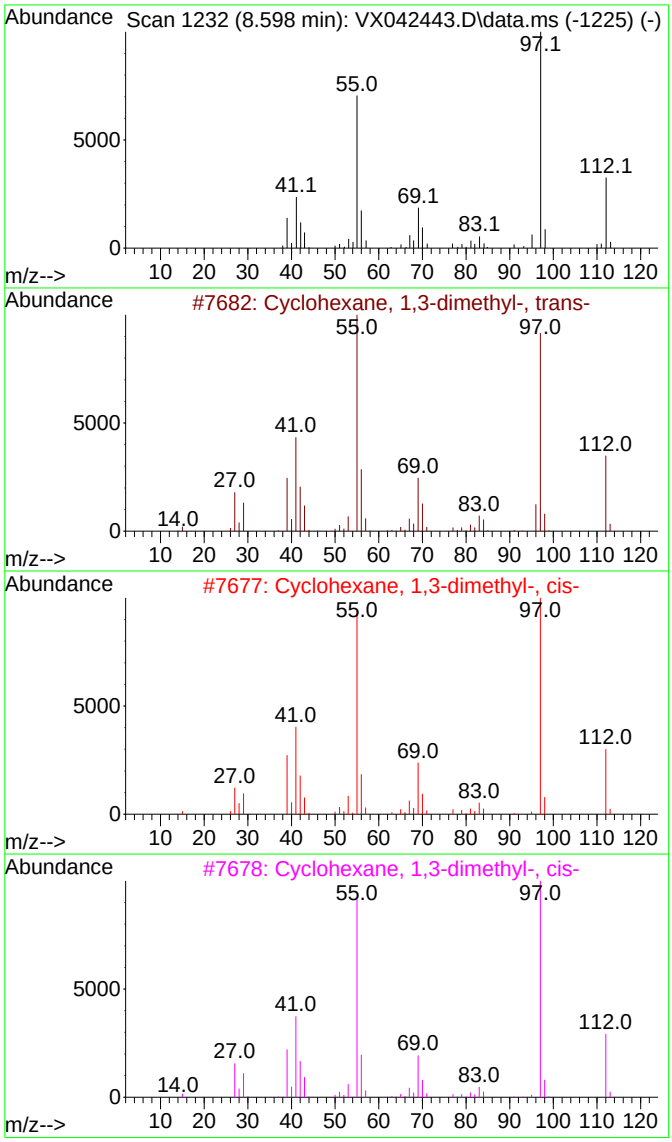
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

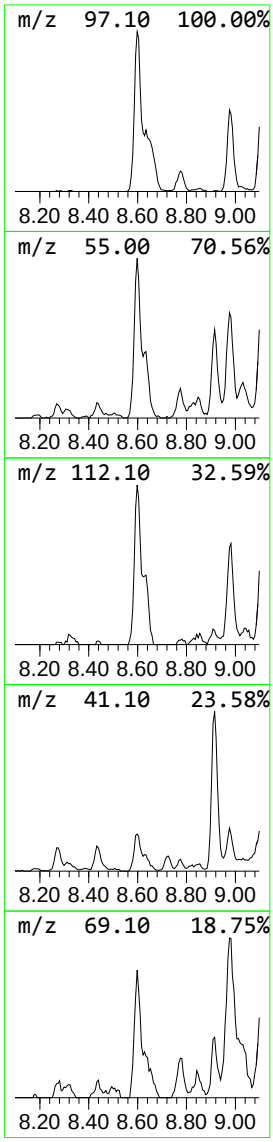
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic8.598 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	8.54 ug/L	95759	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

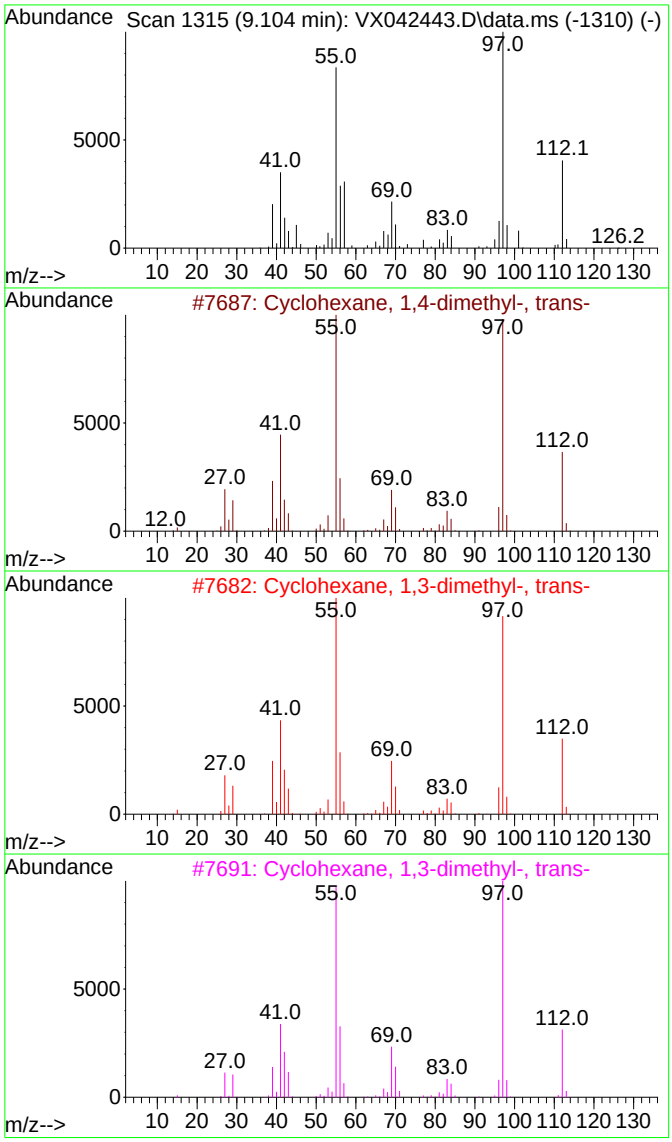
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

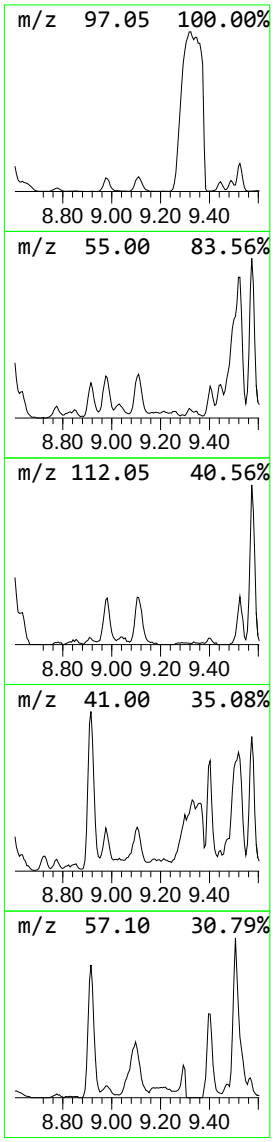
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic9.104 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	7.64 ug/L	85601	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	97
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

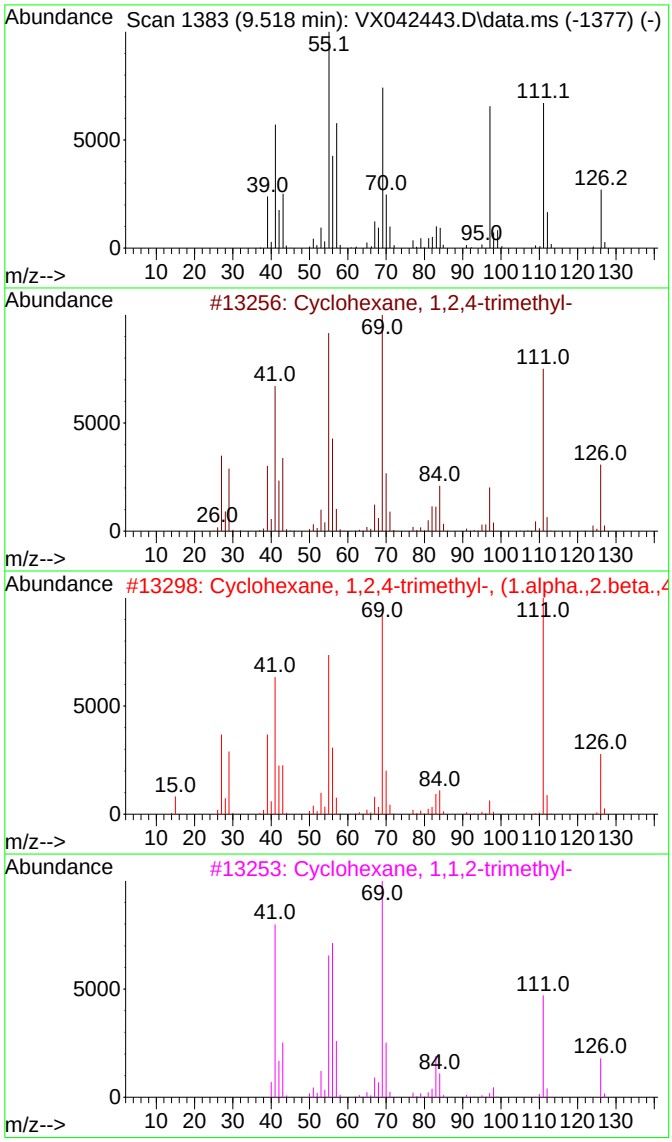
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

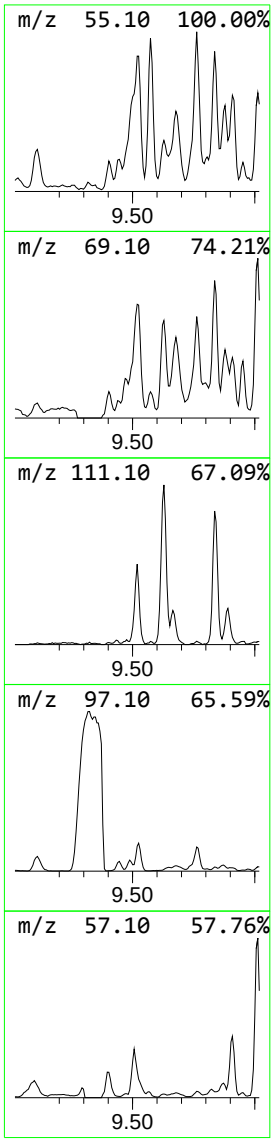
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic9.518 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.518	30.73 ug/L	344513	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	74
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	62
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	58
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

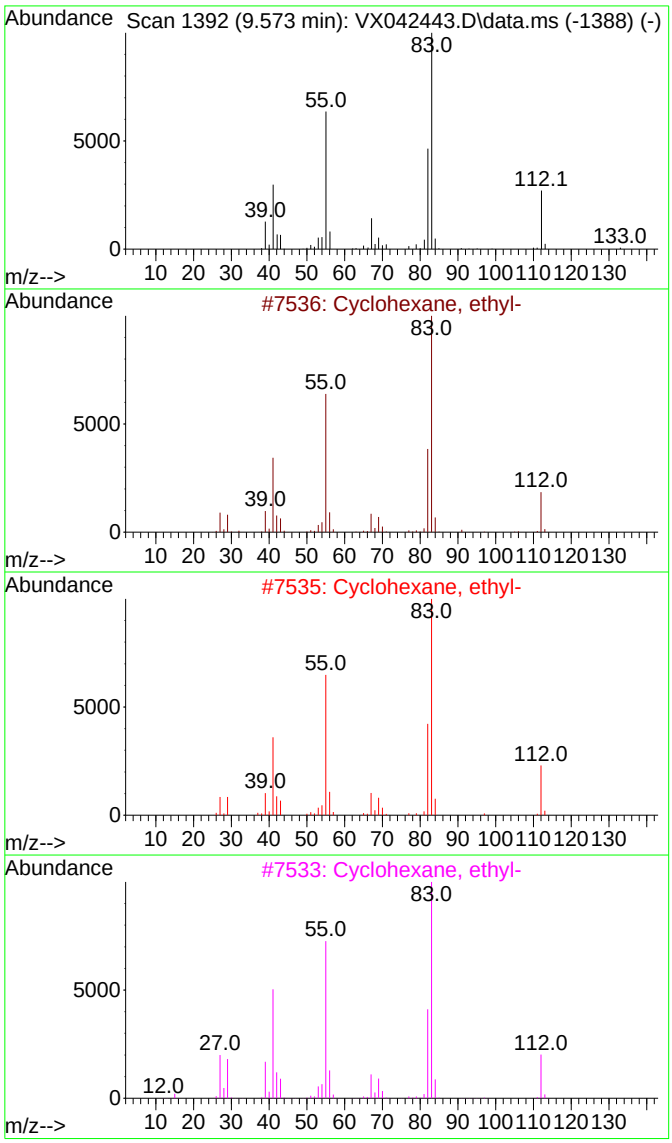
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

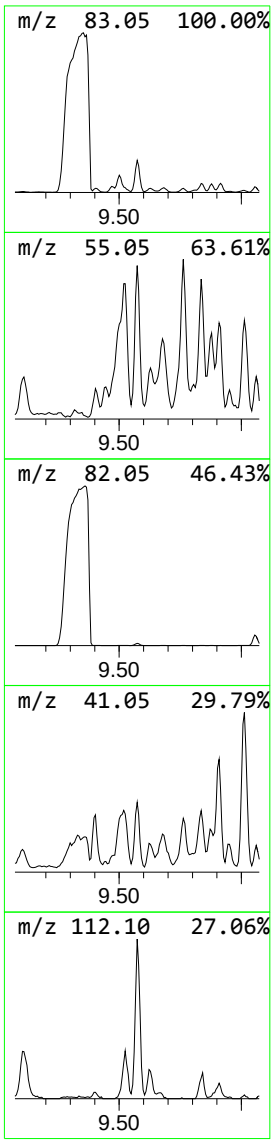
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic9.573 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.573	17.83 ug/L	199907	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	68





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Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

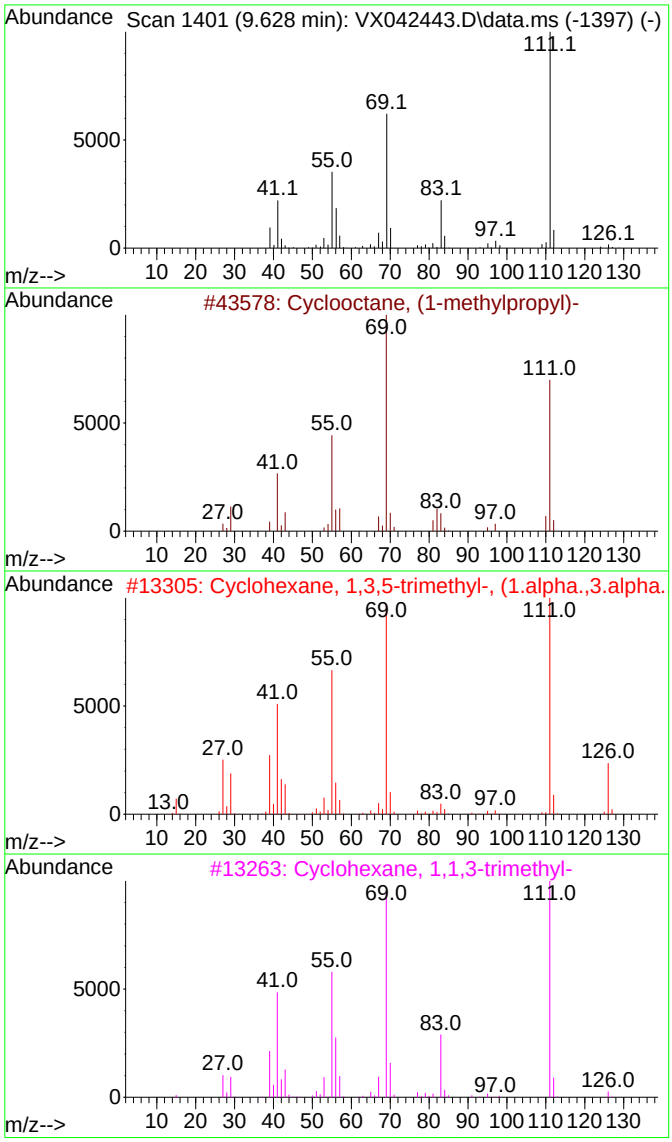
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

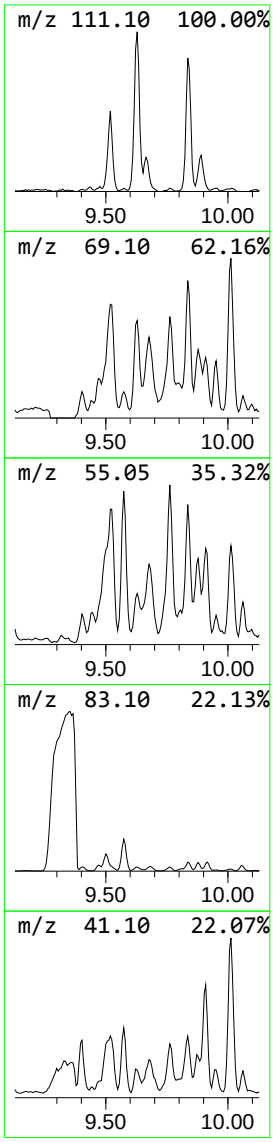
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic9.628 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	9.71 ug/L	108851	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64





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Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

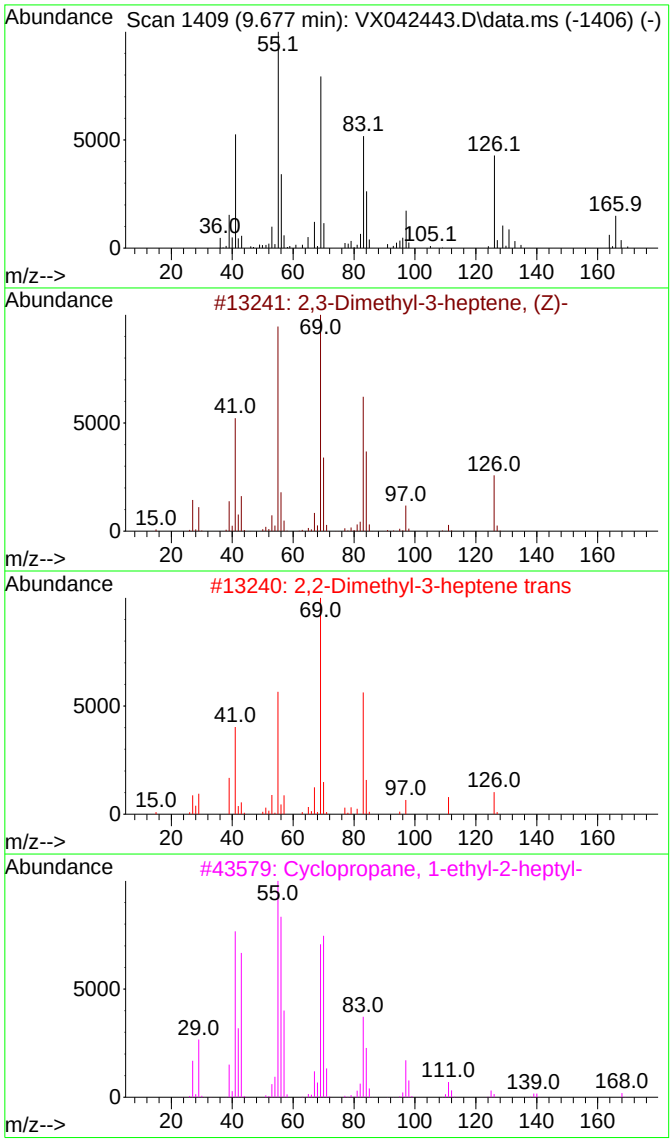
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

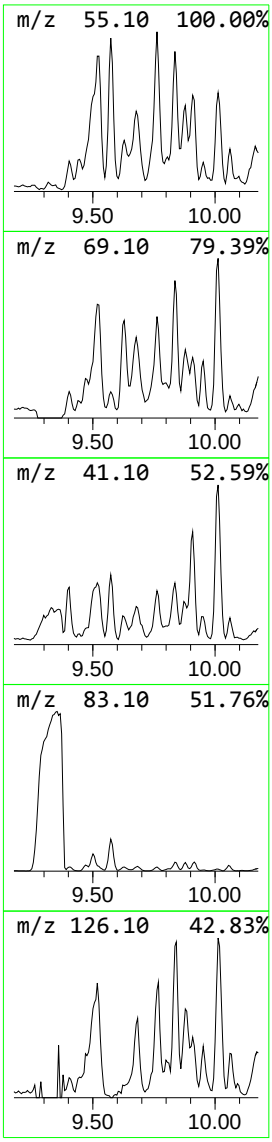
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.677	13.68 ug/L	153331	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	80
2	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	64
3	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	50
4	5-Undecene, 4-methyl-	168	C12H24	143185-91-5	49
5	2-Methyl-2-octene	126	C9H18	016993-86-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

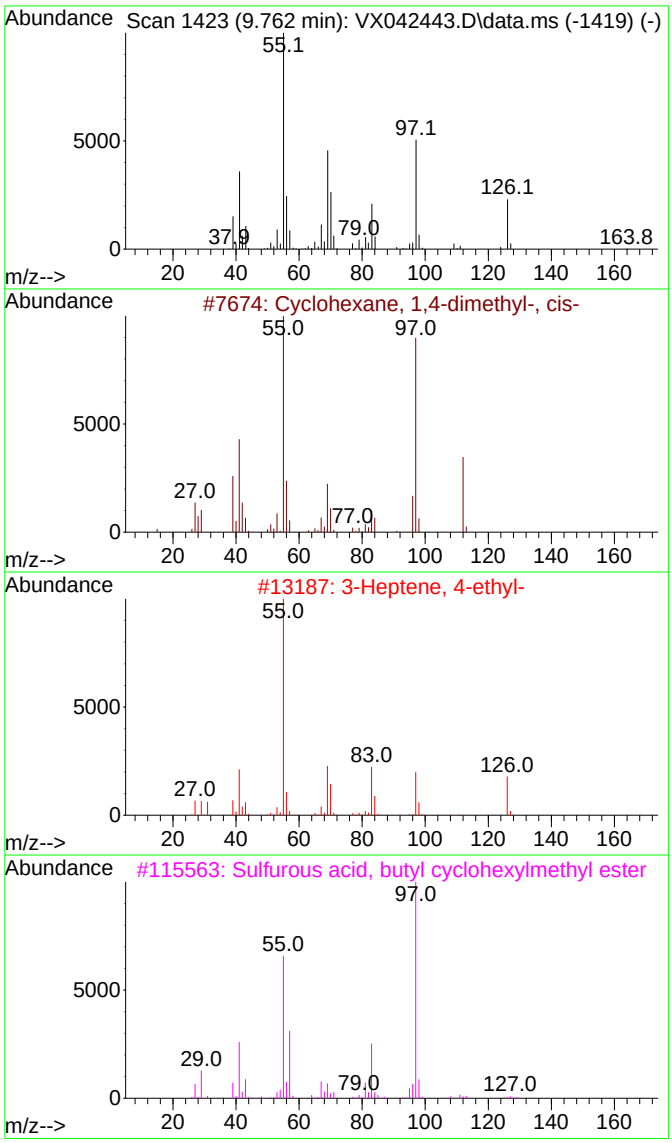
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

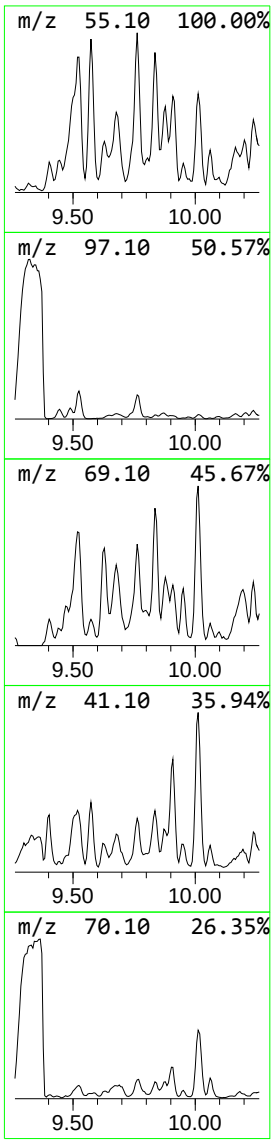
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.762 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	15.87 ug/L	177962	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	53
2	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	47
3	Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	47
4	trans--4-Nonene	126	C9H18	010405-85-3	47
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

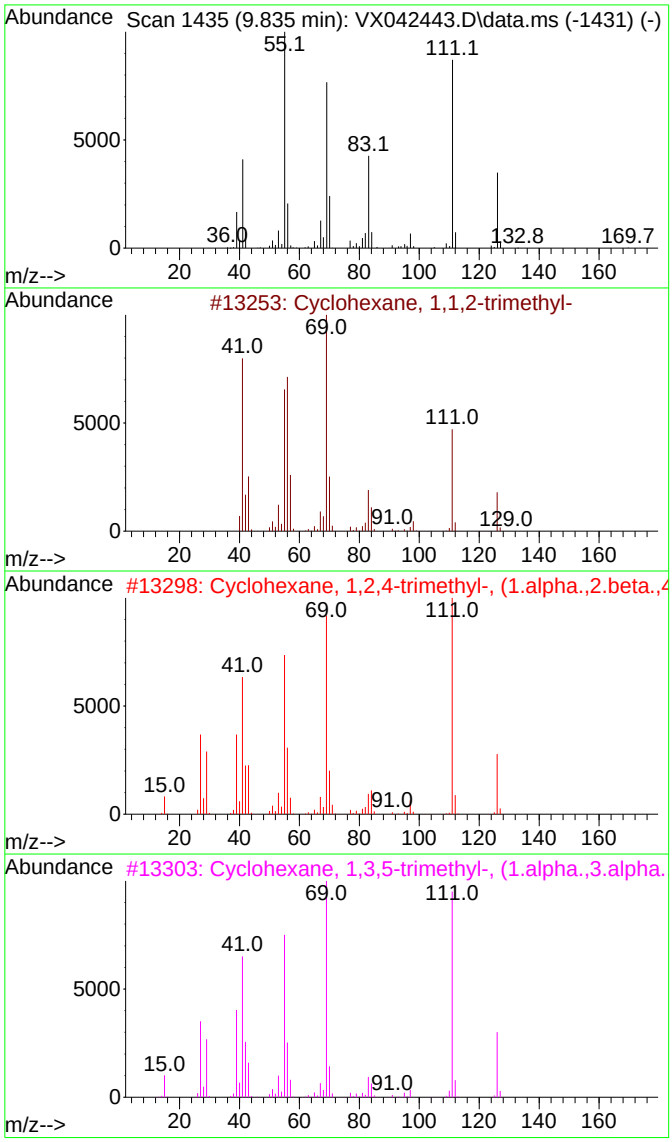
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

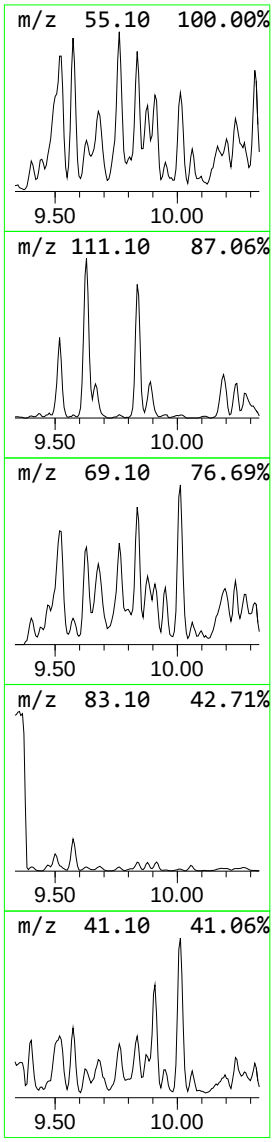
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic9.835 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.835	17.95 ug/L	201249	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	59
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
4	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	50
5	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

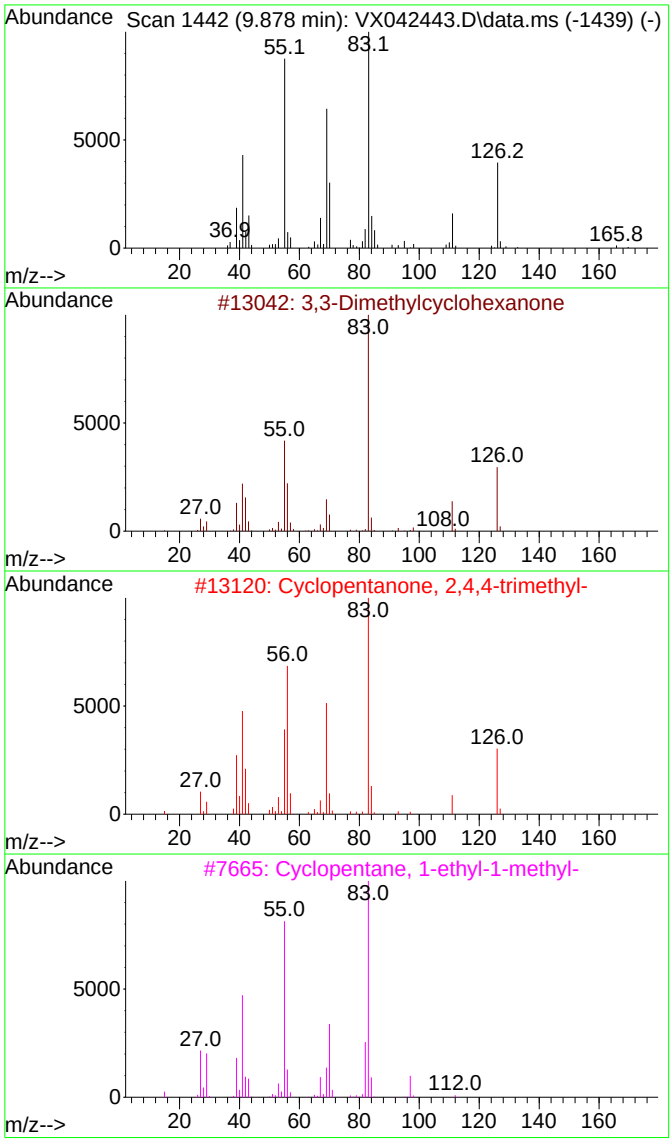
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

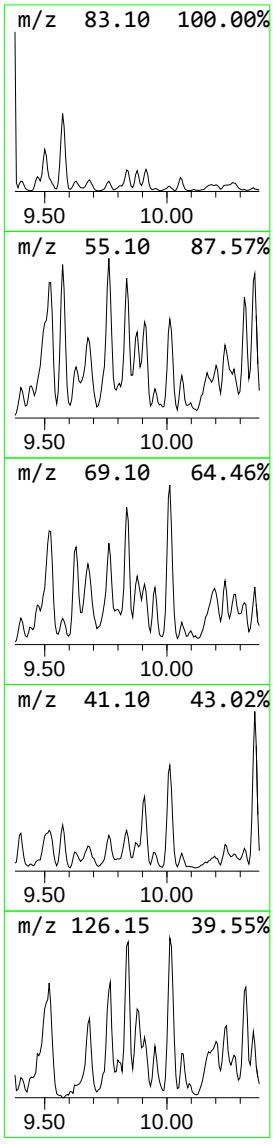
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 3,3-Dimethylcyclohexanone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.878	8.85 ug/L	99234	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylcyclohexanone	126	C8H14O	002979-19-3	64
2	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	59
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
4	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	50
5	(S)-(+)-5-Methyl-1-heptanol	130	C8H18O	057803-73-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

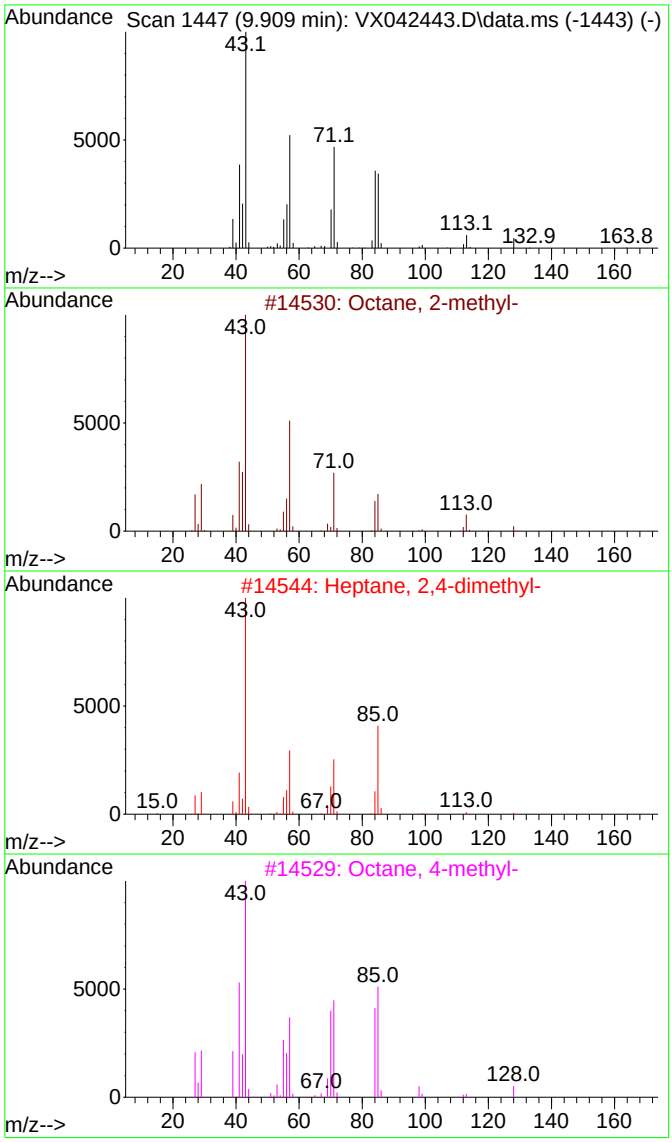
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

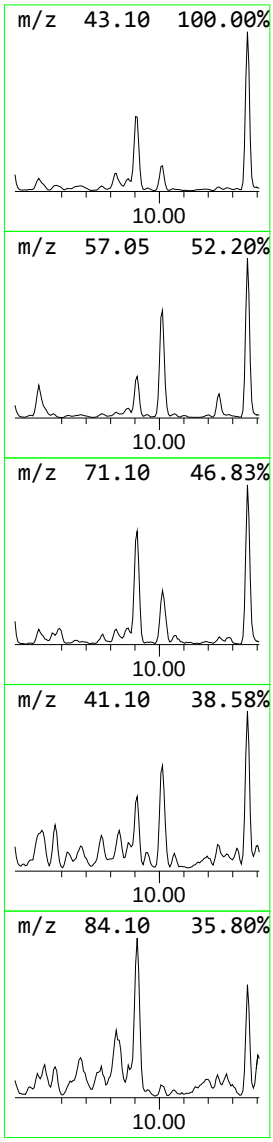
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.909	26.44 ug/L	296383	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	86
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Octane, 4-methyl-	128	C9H20	002216-34-4	68
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	59
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

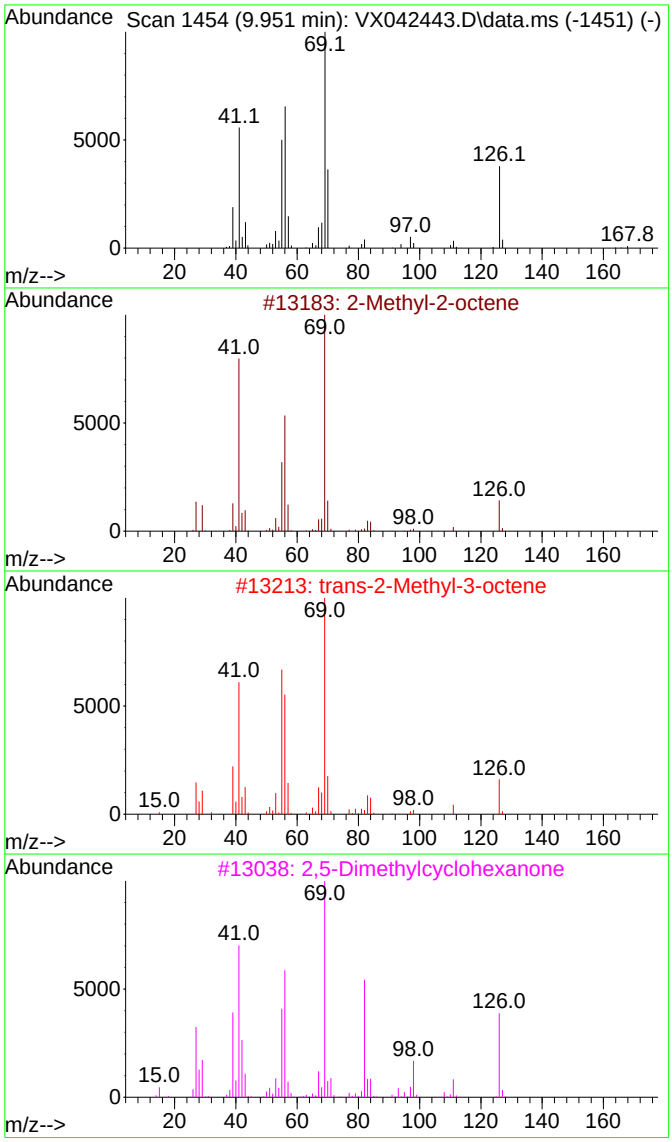
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

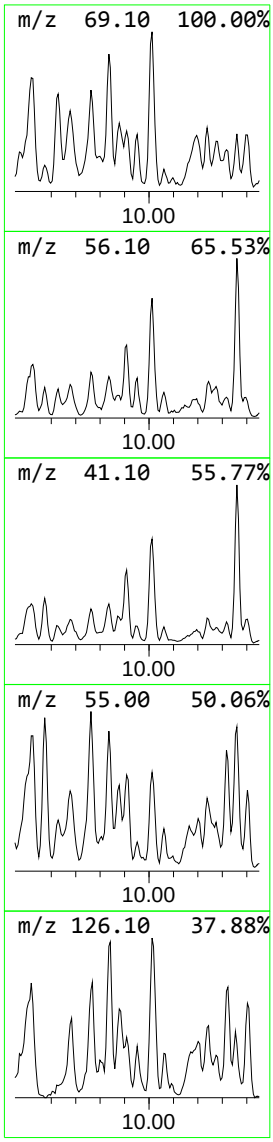
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.951	3.21 ug/L	35964	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-2-octene	126	C9H18	016993-86-5	86
2	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	72
3	2,5-Dimethylcyclohexanone	126	C8H14O	000932-51-4	64
4	5-Methyl-1,3-cyclohexanedione	126	C7H10O2	004341-24-6	59
5	5-Methyl-1,3-cyclohexanedione	126	C7H10O2	004341-24-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

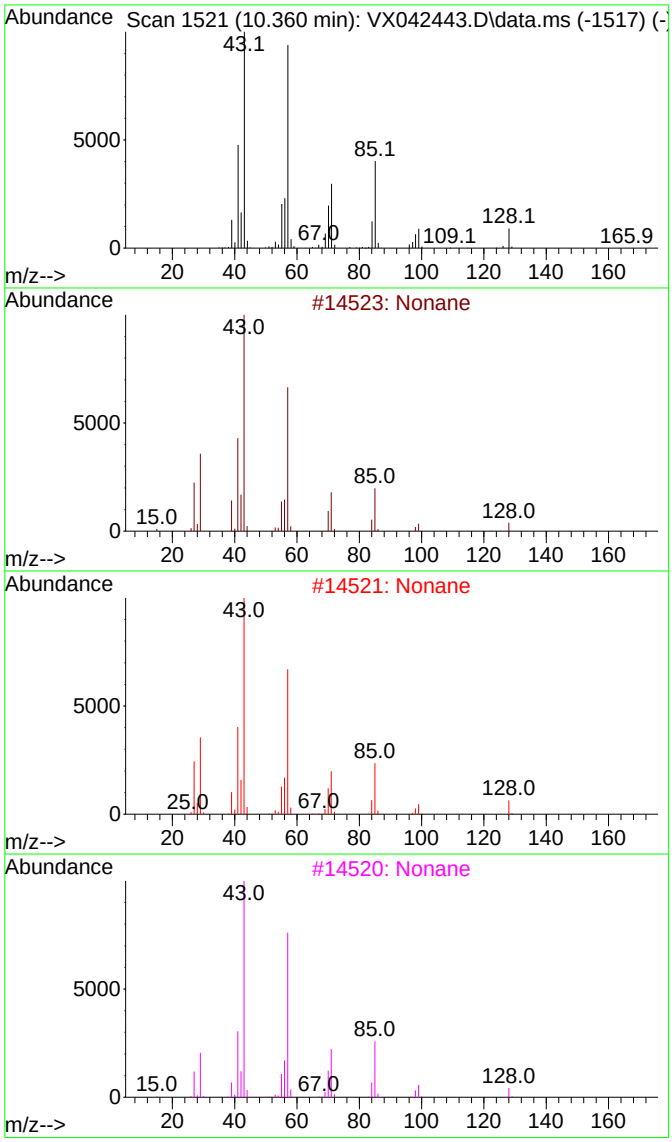
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

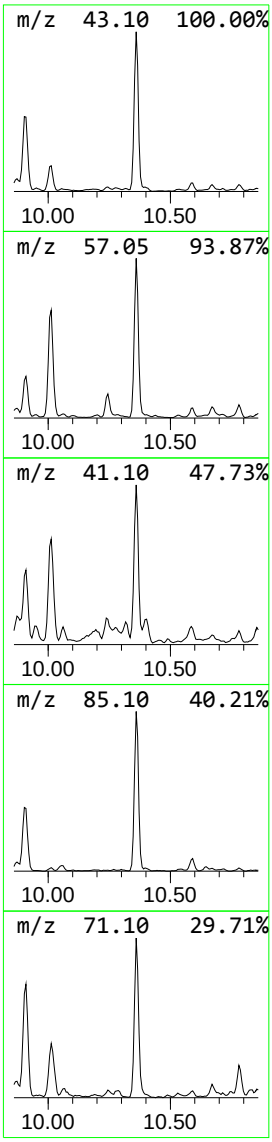
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.360	43.17 ug/L	483948	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	95
2	Nonane	128	C9H20	000111-84-2	94
3	Nonane	128	C9H20	000111-84-2	91
4	Nonane	128	C9H20	000111-84-2	87
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

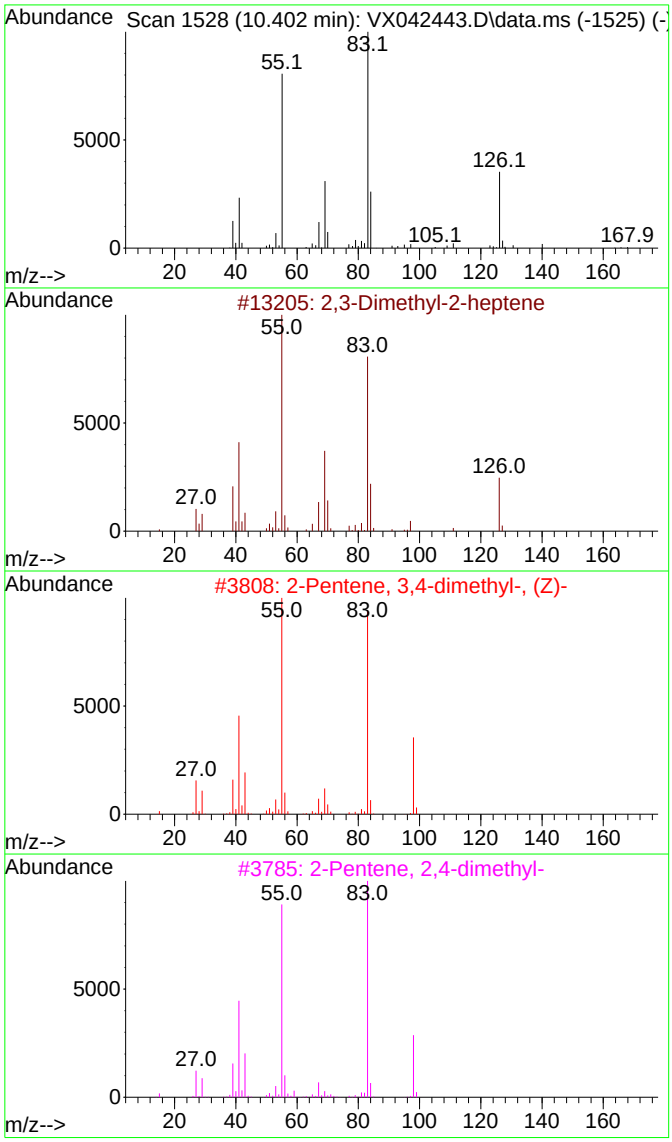
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

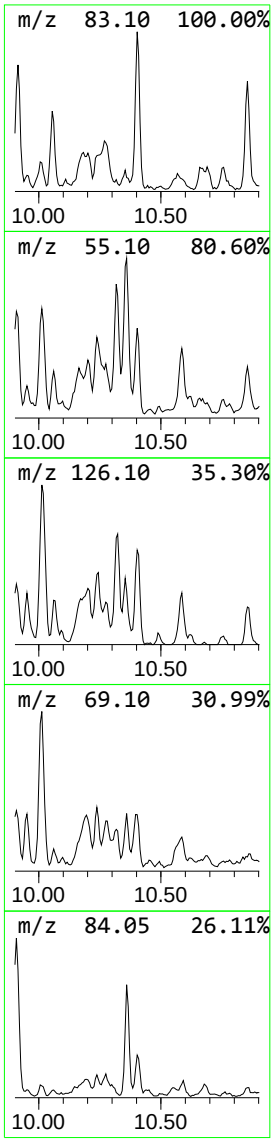
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.403	7.78 ug/L	87206	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	83
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	53
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	53
4	Benzene, 2-chloro-1,4-bis(cycloh...	364	C20H25ClO4	294874-04-7	42
5	2,6-Octadiene, 2,4-dimethyl-	138	C10H18	063843-03-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

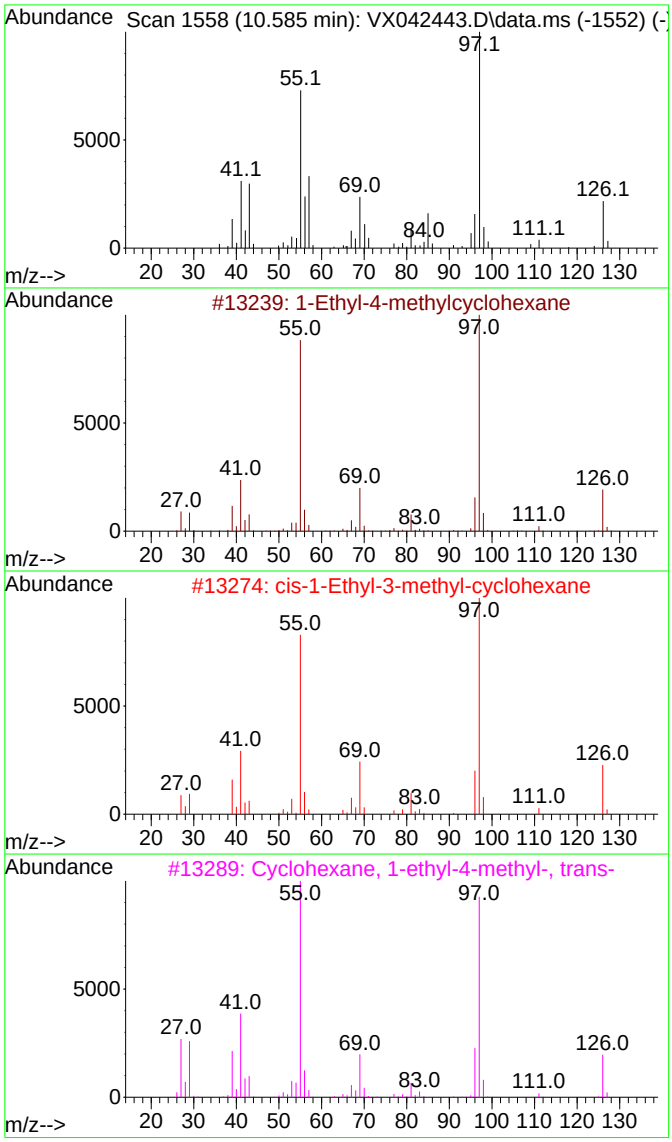
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

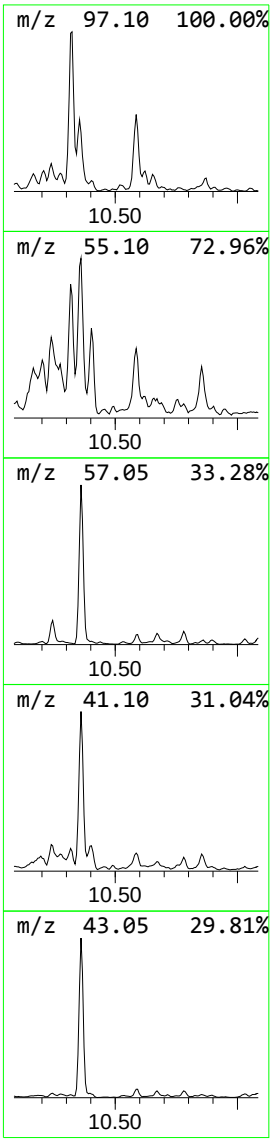
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic10.585 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.585	8.08 ug/L	90621	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	81
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	76
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	62
5	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

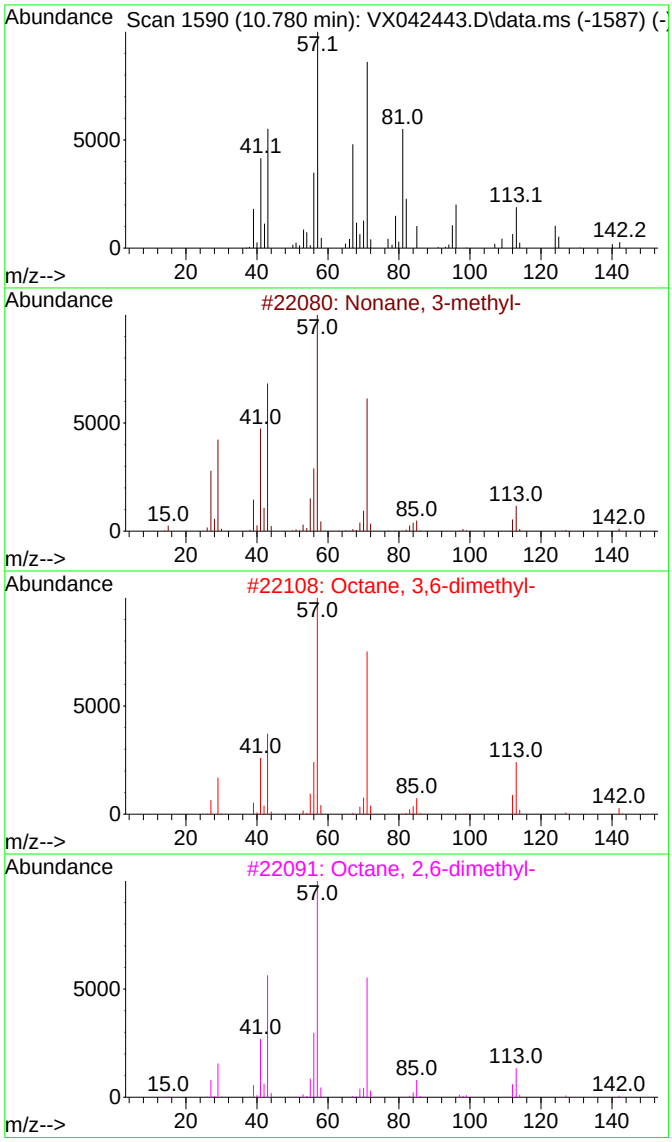
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

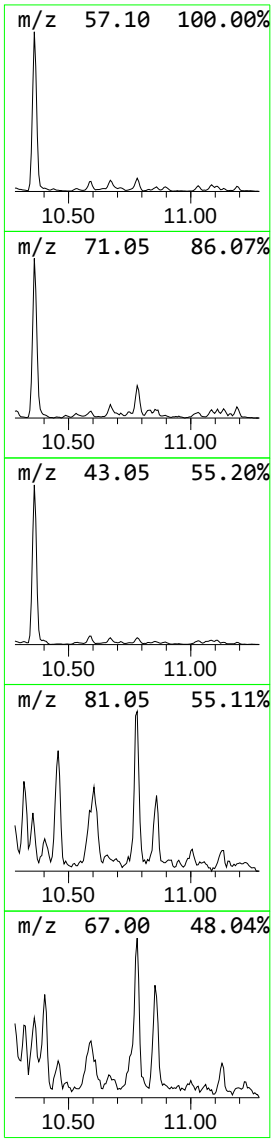
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	4.39 ug/L	49269	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	49
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
5	Ether, methyl 1-tetradecenyl	226	C15H30O	026537-05-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

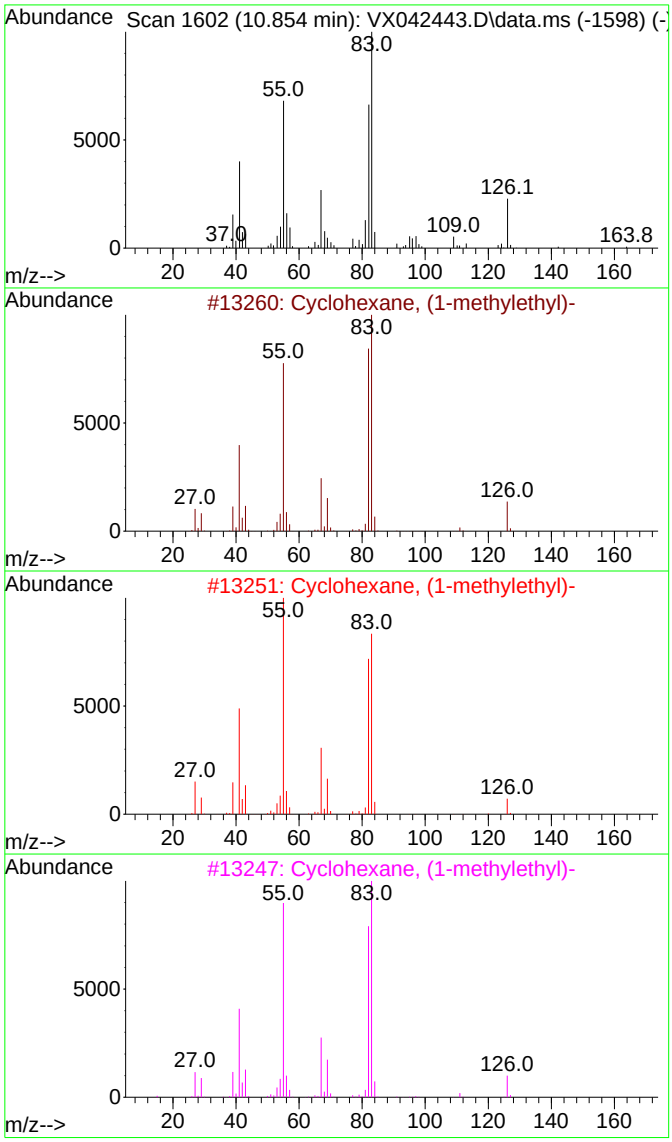
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

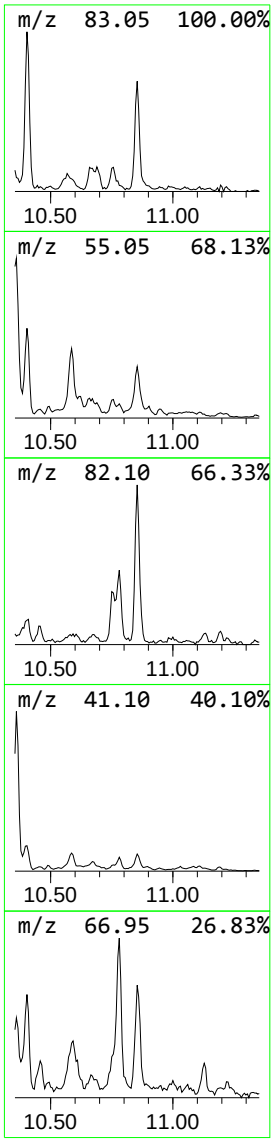
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic10.854 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.854	4.76 ug/L	53346	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	83
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

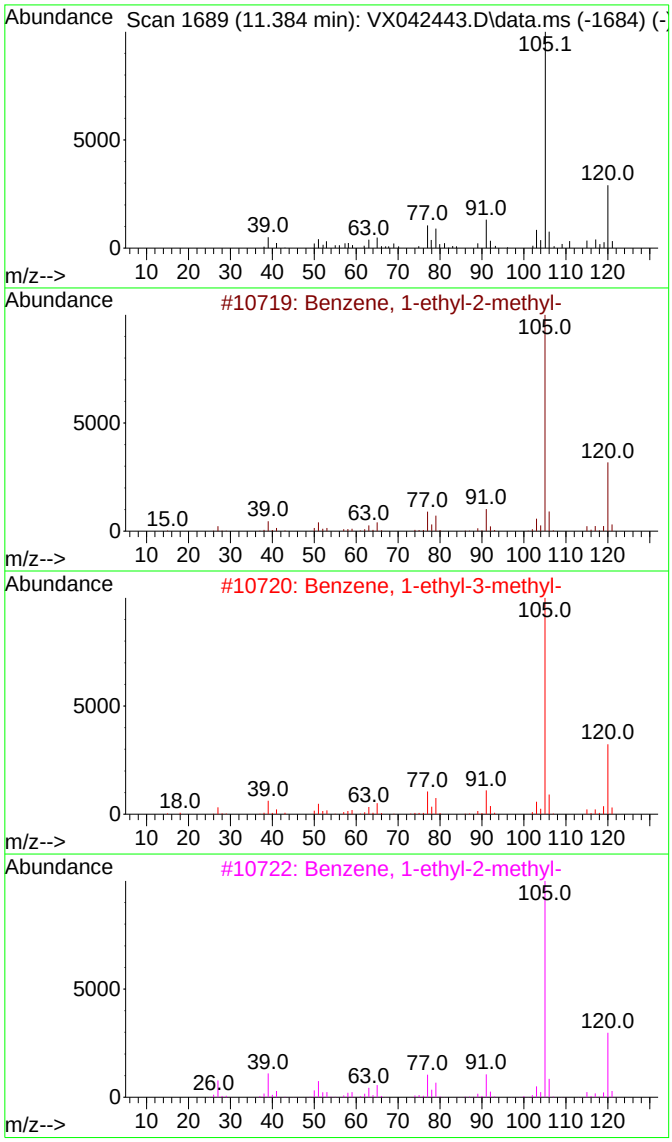
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

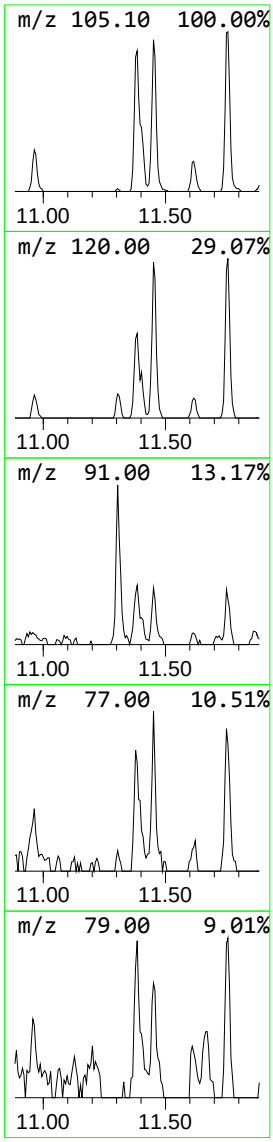
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	2.82 ug/L	34280	1,4-Dichlorobenzene-d4	12.024

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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

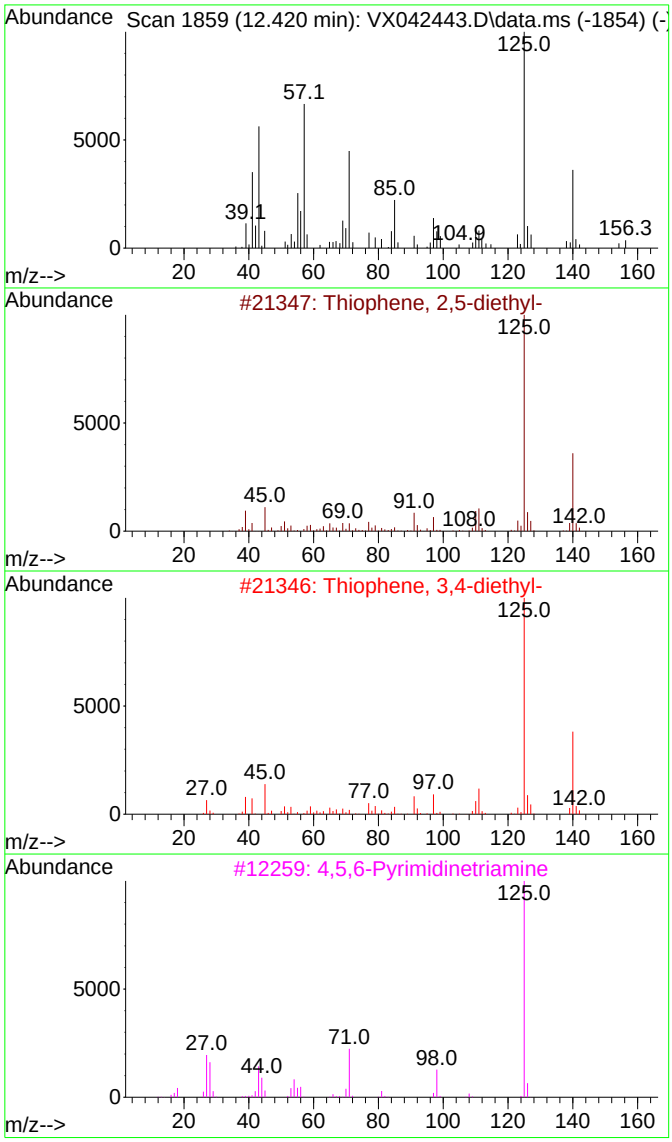
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

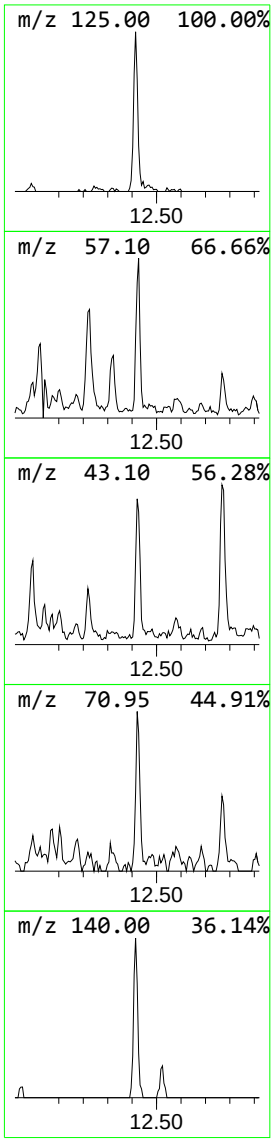
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Thiophene, 2,5-diethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.420	2.62 ug/L	31821	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,5-diethyl-	140	C8H12S	005069-23-8	60
2	Thiophene, 3,4-diethyl-	140	C8H12S	035686-14-7	58
3	4,5,6-Pyrimidinetriamine	125	C4H7N5	000118-70-7	52
4	Ethanone, 1-(4-methyl-2-thienyl)-	140	C7H8OS	013679-73-7	49
5	2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

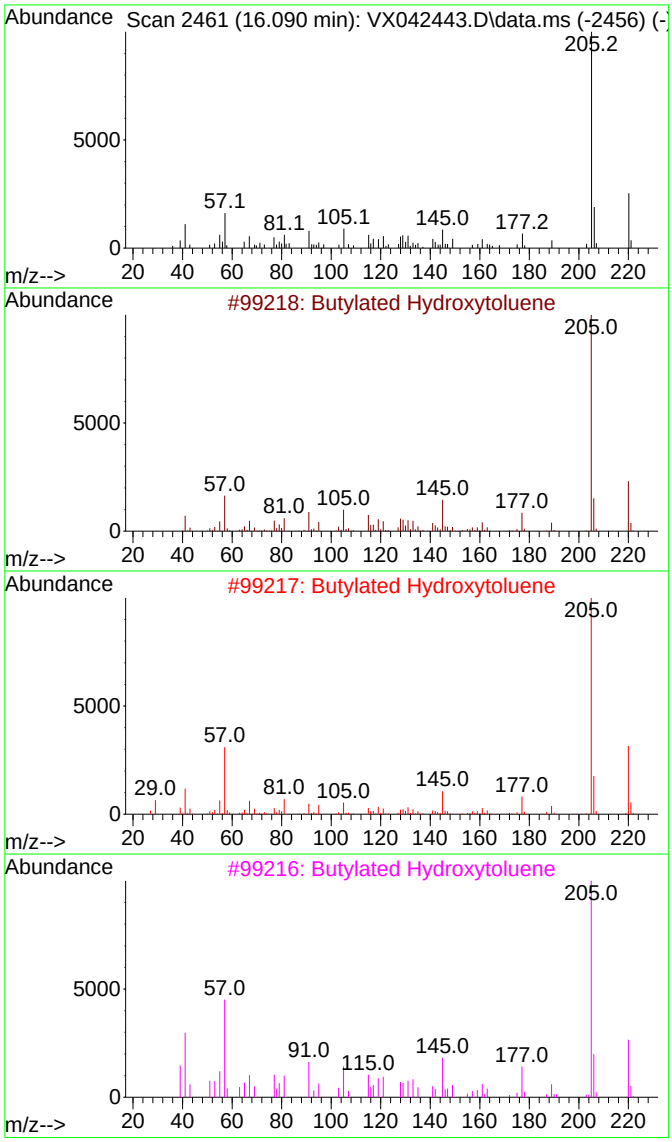
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.M
Quant Title : VOC Analysis

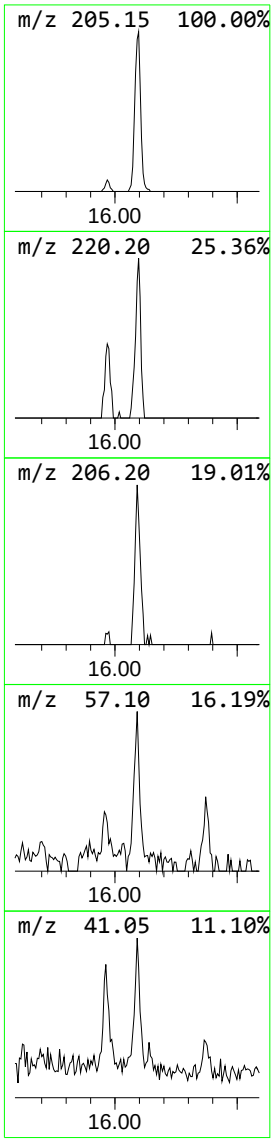
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Butylated Hydroxytoluene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.090	2.68 ug/L	32503	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	90
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BHB26

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM070324WMA.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
(DEL) Alkane: S...	8.275	3.5	ug/L	32475	1	6.763	466008	50.0
(DEL) Alkane: S...	8.433	3.1	ug/L	35222	2	10.055	560526	50.0
(DEL) Alkane: C...	8.598	8.5	ug/L	95759	2	10.055	560526	50.0
(DEL) Alkane: C...	9.104	7.6	ug/L	85601	2	10.055	560526	50.0
(DEL) Alkane: C...	9.518	30.7	ug/L	344513	2	10.055	560526	50.0
(DEL) Alkane: C...	9.573	17.8	ug/L	199907	2	10.055	560526	50.0
(DEL) Alkane: C...	9.628	9.7	ug/L	108851	2	10.055	560526	50.0
(DEL) Alkane: S...	9.677	13.7	ug/L	153331	2	10.055	560526	50.0
(DEL) Alkane: C...	9.762	15.9	ug/L	177962	2	10.055	560526	50.0
(DEL) Alkane: C...	9.835	17.9	ug/L	201249	2	10.055	560526	50.0
3,3-Dimethylcyc...	9.878	8.8	ug/L	99234	2	10.055	560526	50.0
(DEL) Alkane: S...	9.909	26.4	ug/L	296383	2	10.055	560526	50.0
(DEL) Alkane: S...	9.951	3.2	ug/L	35964	2	10.055	560526	50.0
(DEL) Alkane: S...	10.360	43.2	ug/L	483948	2	10.055	560526	50.0
(DEL) Alkane: S...	10.403	7.8	ug/L	87206	2	10.055	560526	50.0
(DEL) Alkane: C...	10.585	8.1	ug/L	90621	2	10.055	560526	50.0
(DEL) Alkane: S...	10.781	4.4	ug/L	49269	2	10.055	560526	50.0
(DEL) Alkane: C...	10.854	4.8	ug/L	53346	2	10.055	560526	50.0
Benzene, 1-ethy...	11.384	2.8	ug/L	34280	3	12.024	607114	50.0
Thiophene, 2,5-...	12.420	2.6	ug/L	31821	3	12.024	607114	50.0
Butylated Hydro...	16.090	2.7	ug/L	32503	3	12.024	607114	50.0