LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

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\SFAMXLM111121WMA.M
Title : VOC Analysis

Signal : TIC: VX025153.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.361	40	45	56	rBV2	785082	990170	3.51%	0.955%
2	1.666	91	95	105	rVB	62427	76538	0.27%	0.074%
3	2.306	194	200	211	rVB	145317	233094	0.83%	0.225%
4	2.782	273	278	284	rVB4	2801	5637	0.02%	0.005%
5	3.026	296	318	338	rBV4	28309	181601	0.64%	0.175%
6	4.465	544	554	568	rBV	51777	153495	0.54%	0.148%
7	5.062	639	652	666	rBV	85647	267998	0.95%	0.258%
8	5.970	788	801	820	rBV2	227393	677408	2.40%	0.653%
9	6.610	898	906	916	rVB3	2719	6890	0.02%	0.007%
10	6.763	921	931	949	rBV	196043	473131	1.68%	0.456%
11	7.098	976	986	996	rBV2	52869	137470	0.49%	0.133%
12	7.312	1012	1021	1029	rBV	136088	305903	1.08%	0.295%
13	7.440	1029	1042	1049	rVV	12173825	28207019	100.00%	27.206%
14	7.501	1049	1052	1060	rVB2	84417	147296	0.52%	0.142%
15	7.781	1091	1098	1108	rVB4	3223	7587	0.03%	0.007%
16	7.958	1117	1127	1137	rVB5	4631	12263	0.04%	0.012%
17	8.189	1160	1165	1168	rBV3	3129	5343	0.02%	0.005%
18	8.275	1174	1179	1182	rBV	17115	26238	0.09%	0.025%
19	8.324	1182	1187	1194	rVB	112733	188157	0.67%	0.181%
20	8.439	1201	1206	1215	rBV	14029	25642	0.09%	0.025%
21	8.604	1225	1233	1236	rBV	62001	116755	0.41%	0.113%
22	8.653	1236	1241	1248	rVB	373298	600621	2.13%	0.579%
23	8.720	1248	1252	1257	rVB	15329	22608	0.08%	0.022%
24	8.775	1257	1261	1265	rBV3	8707	12581	0.04%	0.012%
25	8.848	1270	1273	1278	rVB2	11451	17298	0.06%	0.017%
26	8.915	1278	1284	1287	rBV	112391	161388	0.57%	0.156%
27	8.952	1287	1290	1293	rBV	63929	89848	0.32%	0.087%
28	9.104	1307	1315	1321	rBV	41719	67467	0.24%	0.065%
29	9.201	1328	1331	1334	rBV2	3984	6655	0.02%	0.006%
30	9.293	1339	1346	1351	rVB	16467	27700	0.10%	0.027%
31	9.390	1352	1362	1370	rBV	321728	462996	1.64%	0.447%
32	9.506	1375	1381	1386	rBV3	279676	456828	1.62%	0.441%
33	9.567	1386	1391	1395	rVB	141713	202268	0.72%	0.195%
34	9.622	1395	1400	1404	rBV	123131	194164	0.69%	0.187%
35	9.762	1418	1423	1428	rVB2	39318	59349	0.21%	0.057%
36	9.836	1428	1435	1440	rBV3	492140	812762	2.88%	0.784%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

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\SFAMXLM111121WMA.M
Title : VOC Analysis

37	9.909	1440	1447	1451	rVB3	247809	480055	1.70%	0.463%
38	9.951	1451	1454	1457	rVB	8815	10828	0.04%	0.010%
39	10.012	1457	1464	1467	rBV	257889	349715	1.24%	0.337%
40	10.055	1467	1471	1476	rVB	428318	557015	1.97%	0.537%
41	10.122	1476	1482	1487	rBV5	30651	58446	0.21%	0.056%
42	10.189	1487	1493	1497	rBV3	303770	567617	2.01%	0.547%
43	10.238	1497	1501	1505	rBV	559518	795148	2.82%	0.767%
44	10.281	1505	1508	1510	rVV	248508	320940	1.14%	0.310%
45	10.323	1511	1515	1518	rVV	514986	680639	2.41%	0.656%
46	10.366	1518	1522	1532	rVB2	2077052	2723603	9.66%	2.627%
47	10.457	1532	1537	1543	rBV2	123441	184078	0.65%	0.178%
48	10.537	1546	1550	1551	rBV	38245	42837	0.15%	0.041%
49	10.591	1551	1559	1563	rBV	1081301	1849836	6.56%	1.784%
50	10.671	1570	1572	1576	rVB	161484	173989	0.62%	0.168%
51	10.787	1582	1591	1595	rBV2	1397778	2157893	7.65%	2.081%
52	10.860	1595	1603	1607	rBV3	1488823	2575736	9.13%	2.484%
53	10.896	1607	1609	1614	rVB	721811	887207	3.15%	0.856%
54	10.951	1614	1618	1623	rVB3	456842	689117	2.44%	0.665%
55	11.006	1623	1627	1629	rBV2	277378	404965	1.44%	0.391%
56	11.037	1629	1632	1635	rVB	382043	426512	1.51%	0.411%
57	11.085	1635	1640	1643	rBV3	1155279	1898025	6.73%	1.831%
58	11.110	1643	1644	1651	rVB	1181210	1310323	4.65%	1.264%
59	11.195	1651	1658	1661	rBV2	1665557	2535385	8.99%	2.445%
60	11.305	1673	1676	1678	rBV	158751	183578	0.65%	0.177%
61	11.347	1678	1683	1686	rVV2	513620	829814	2.94%	0.800%
62	11.384	1686	1689	1694	rVV3	790967	1256450	4.45%	1.212%
63	11.433	1694	1697	1701	rVV	1855550	2734536	9.69%	2.638%
64	11.488	1701	1706	1710	rVB	9540568	12048924	42.72%	11.621%
65	11.530	1710	1713	1716	rVB3	250320	311484	1.10%	0.300%
66	11.579	1717	1721	1723	rBV3	250459	343838	1.22%	0.332%
67	11.610	1723	1726	1729	rBV3	608087	1038473	3.68%	1.002%
68	11.689	1735	1739	1741	rBV3	473030	613790	2.18%	0.592%
69	11.719	1741	1744	1747	rVV	2102600	2342078	8.30%	2.259%
70	11.756	1747	1750	1760	rVB	1620481	3171607	11.24%	3.059%
71	11.841	1760	1764	1766	rBV3	358504	543618	1.93%	0.524%
72	11.866	1766	1768	1770	rBV	220574	261021	0.93%	0.252%
73	11.896	1770	1773	1778	rVB3	794905	1223278	4.34%	1.180%
74	11.951	1778	1782	1785	rBV	2087808	2563073	9.09%	2.472%
75	12.042	1791	1797	1800	rVB4	680100	1270024	4.50%	1.225%
76	12.079	1800	1803	1805	rBV	731023	1002819	3.56%	0.967%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

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\SFAMXLM111121WMA.M
Title : VOC Analysis

77	12.177	1816	1819	1826	rVB3	787108	1138501	4.04%	1.098%
78	12.250	1826	1831	1832	rBV3	316670	452247	1.60%	0.436%
79	12.268	1832	1834	1838	rVB	455117	536279	1.90%	0.517%
80	12.317	1838	1842	1849	rVB3	1461133	2515715	8.92%	2.426%
81	12.427	1849	1860	1864	rBV	4286419	5531721	19.61%	5.335%
82	12.469	1864	1867	1873	rVB5	650599	1076022	3.81%	1.038%
83	12.561	1875	1882	1885	rBV	525020	1050613	3.72%	1.013%
84	12.695	1899	1904	1906	rBV4	172340	322598	1.14%	0.311%
85	12.762	1912	1915	1918	rVB2	127730	123975	0.44%	0.120%
86	12.823	1922	1925	1928	rBV2	99810	106090	0.38%	0.102%
87	12.890	1932	1936	1940	rBV2	348689	507146	1.80%	0.489%
88	12.963	1945	1948	1955	rVB2	180784	390726	1.39%	0.377%
89	13.042	1955	1961	1964	rBV4	73531	139243	0.49%	0.134%
90	13.073	1964	1966	1968	rVB	22680	16987	0.06%	0.016%
91	13.158	1975	1980	1986	rVV4	63881	128210	0.45%	0.124%
92	13.213	1986	1989	1992	rVV2	42436	50793	0.18%	0.049%
93	13.268	1993	1998	1999	rVV3	115332	152552	0.54%	0.147%
94	13.292	1999	2002	2007	rVV2	191049	283627	1.01%	0.274%
95	13.335	2007	2009	2013	rVB	29062	33018	0.12%	0.032%
96	13.420	2020	2023	2033	rVB2	60724	112101	0.40%	0.108%
97	13.512	2034	2038	2041	rBV5	13332	18910	0.07%	0.018%
98	13.585	2046	2050	2055	rBV2	17619	30771	0.11%	0.030%
99	13.670	2061	2064	2069	rVB2	9496	15827	0.06%	0.015%
100	13.780	2078	2082	2089	rVB	60253	86084	0.31%	0.083%

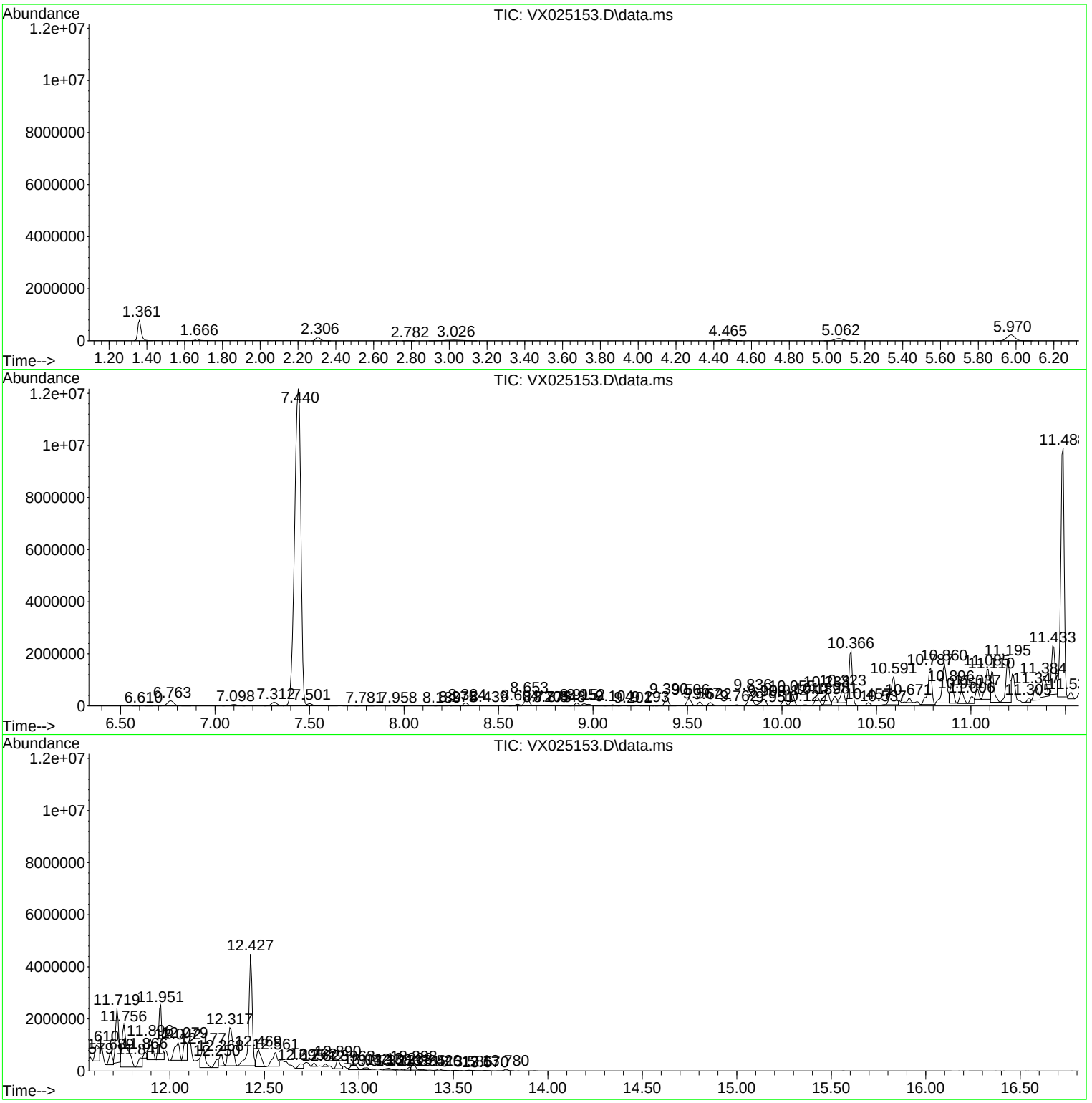
Sum of corrected areas: 103678238

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

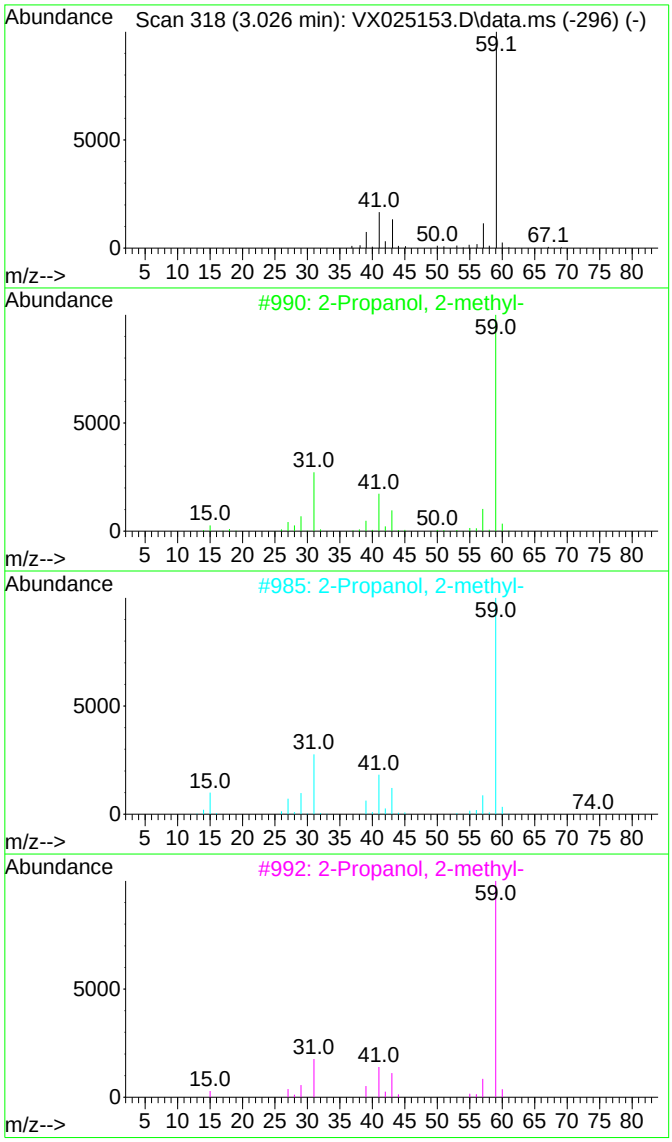
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

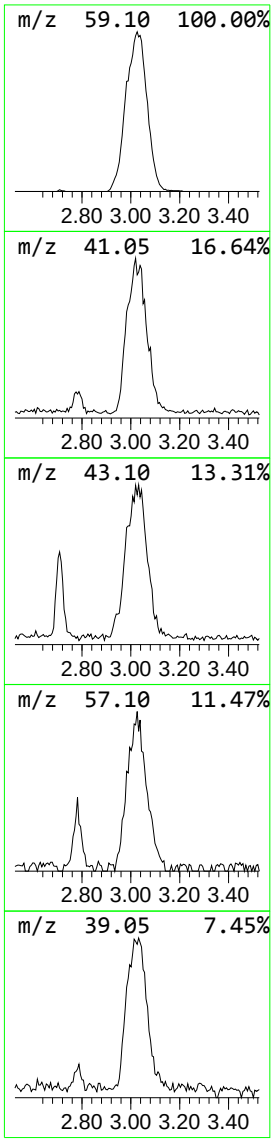
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Propanol, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.026	19.19 ug/L	181601	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	78
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
4	3-Pentanol	88	C5H12O	000584-02-1	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

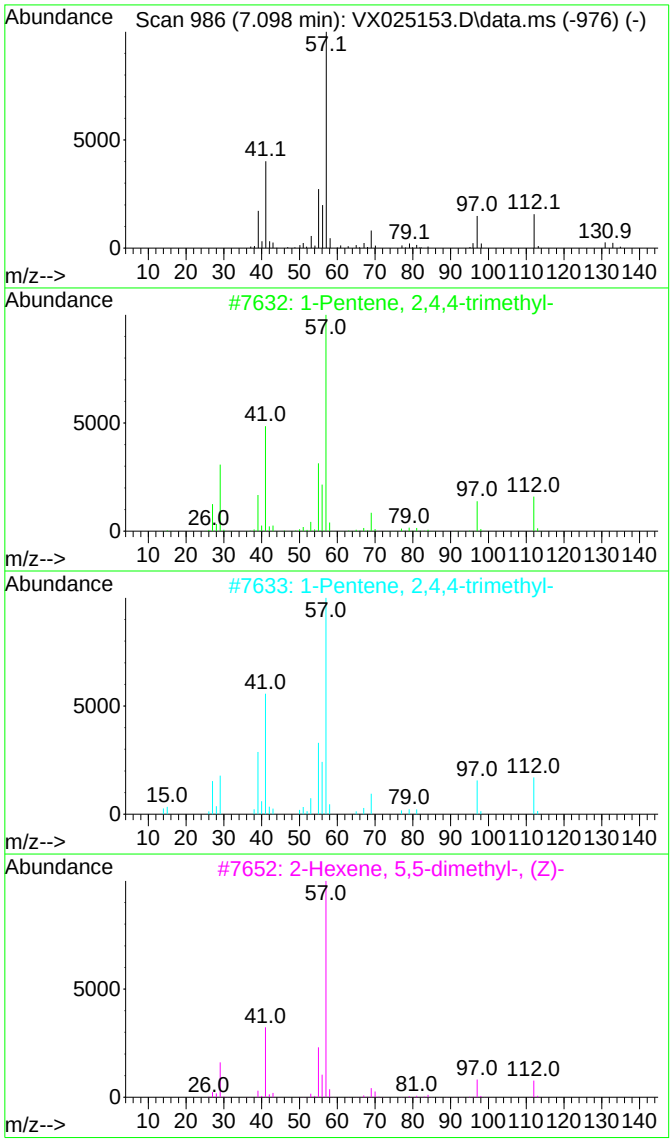
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

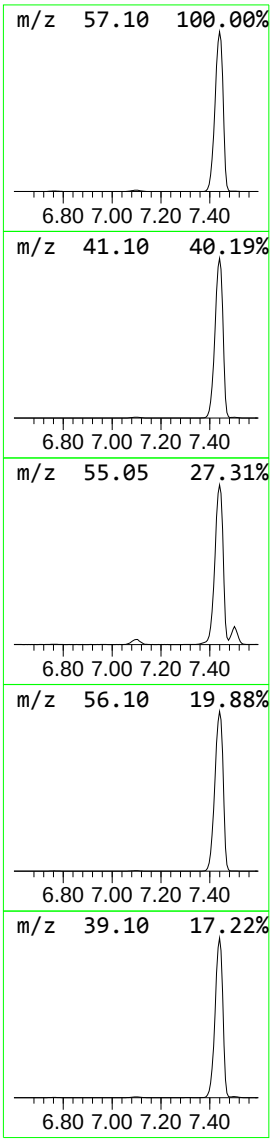
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	14.53 ug/L	137470	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	81
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	62
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	53
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	53
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

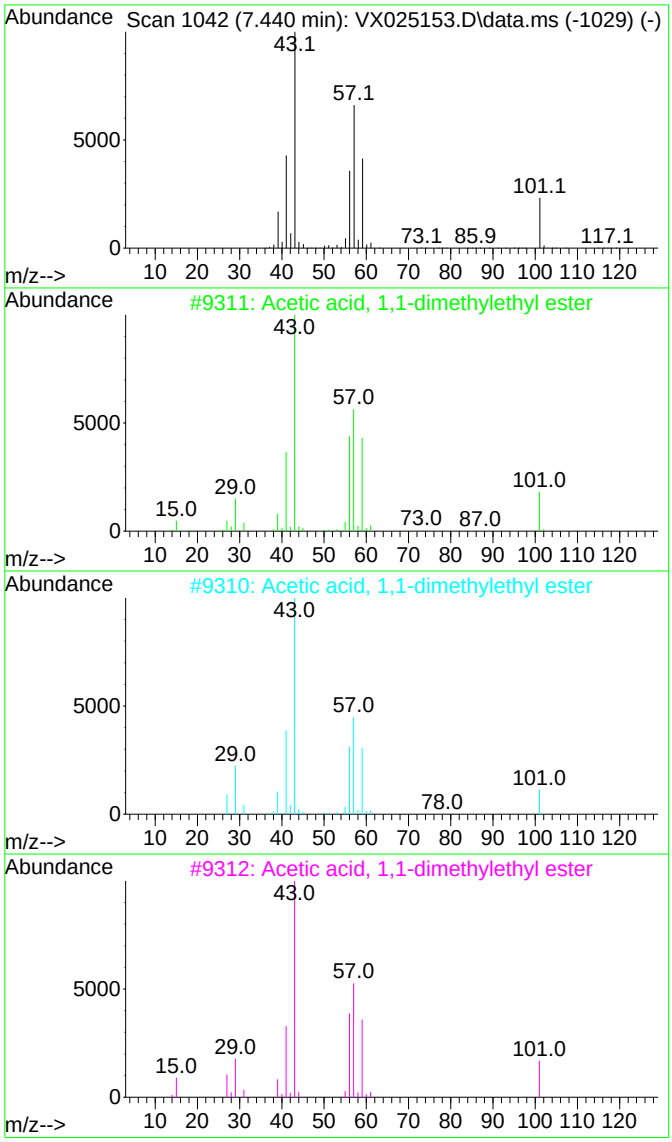
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

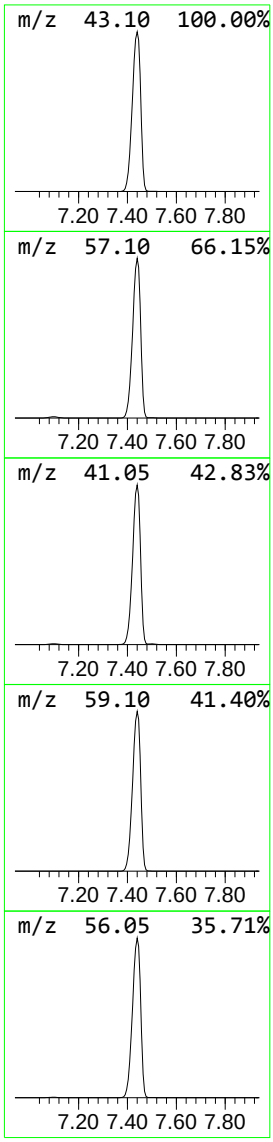
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Acetic acid, 1,1-dimethylet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.440	2980.89 ug/L	28207000	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	90
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	83
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	83
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	83
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

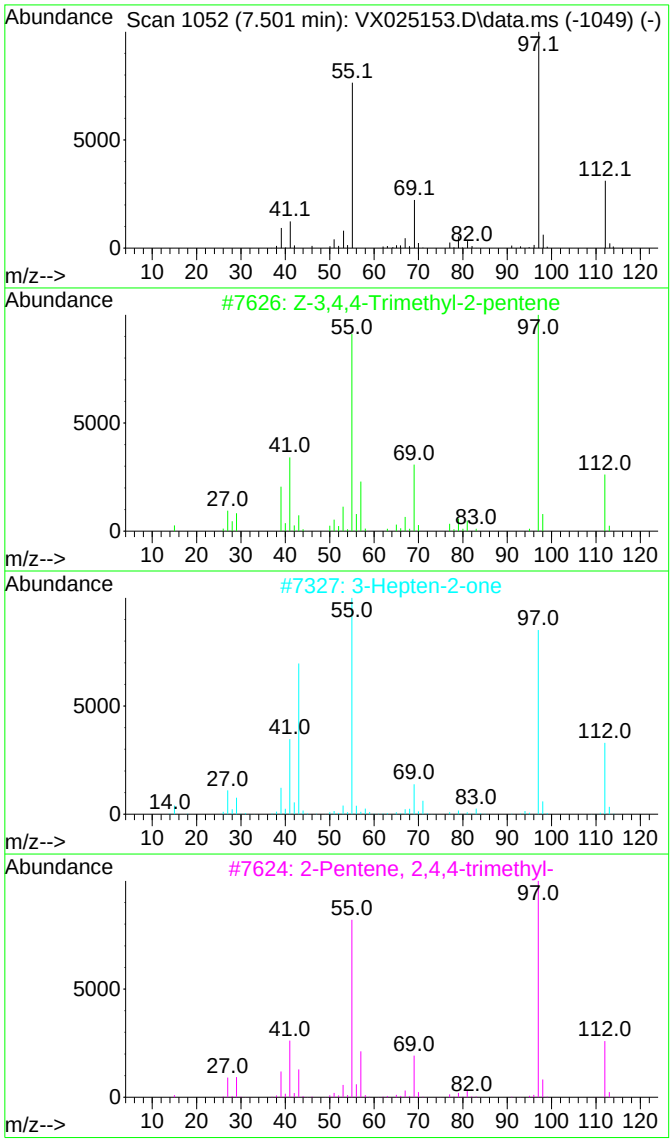
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

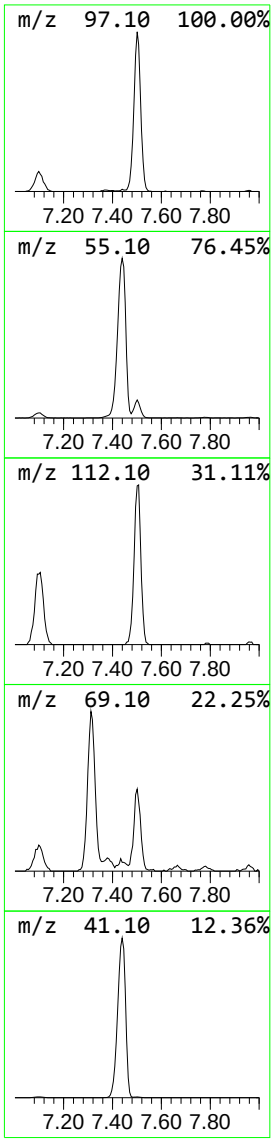
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	15.57 ug/L	147296	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	91
2	3-Hepten-2-one	112	C7H12O	001119-44-4	90
3	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	87
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

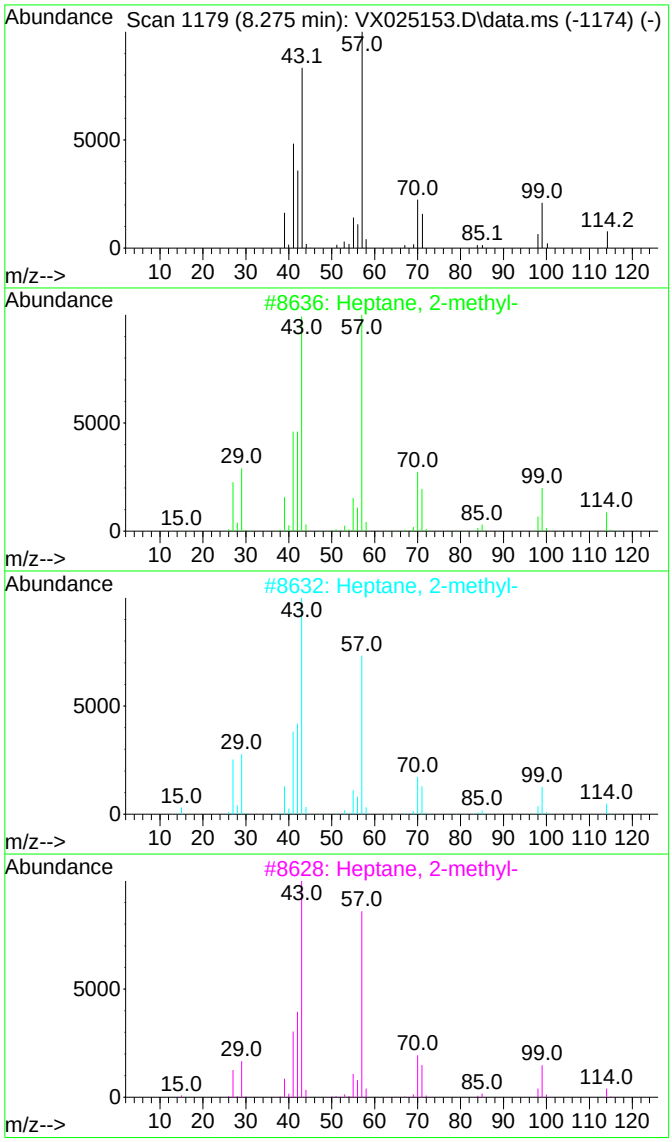
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

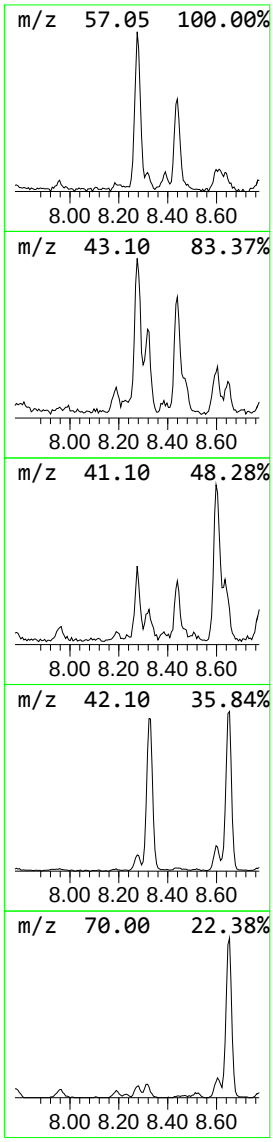
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	2.77 ug/L	26238	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	58
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

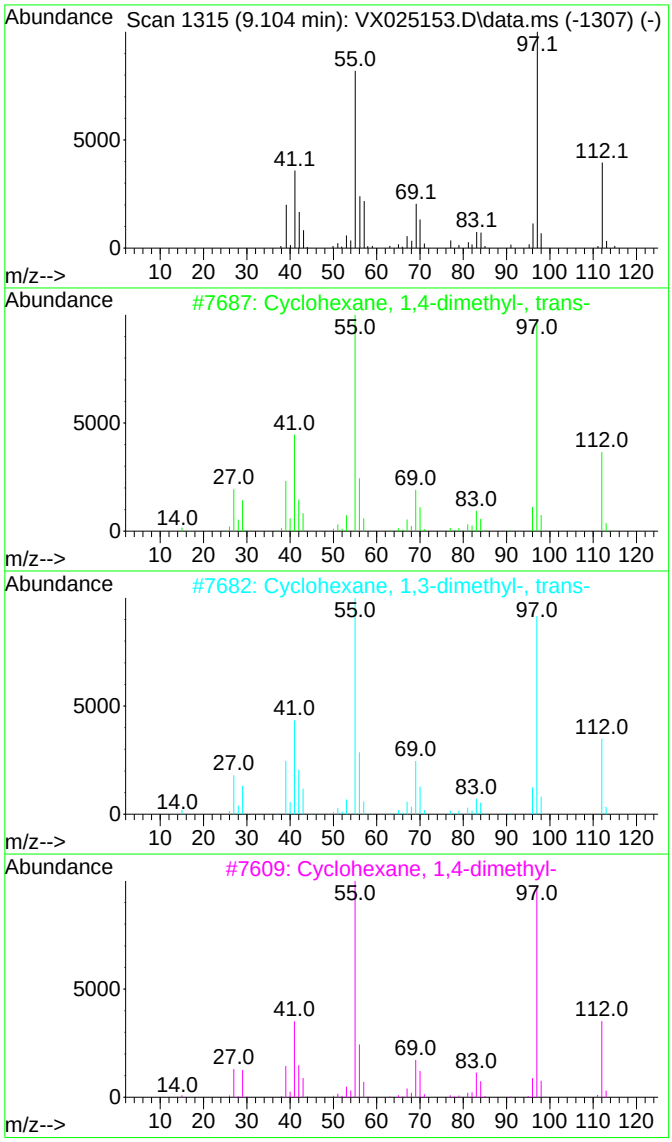
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

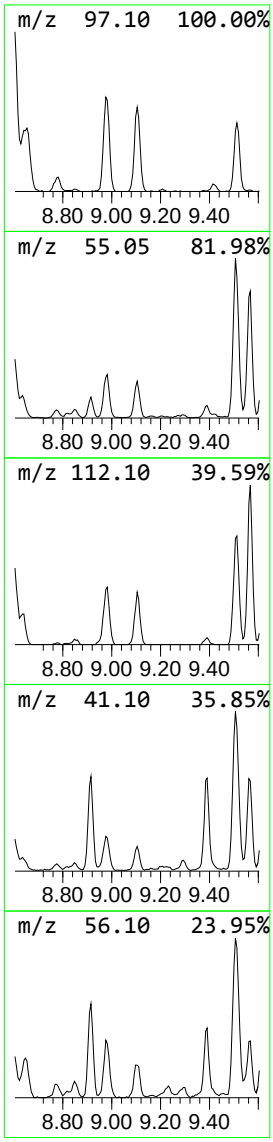
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic9.104 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	6.06 ug/L	67467	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	96
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	94
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

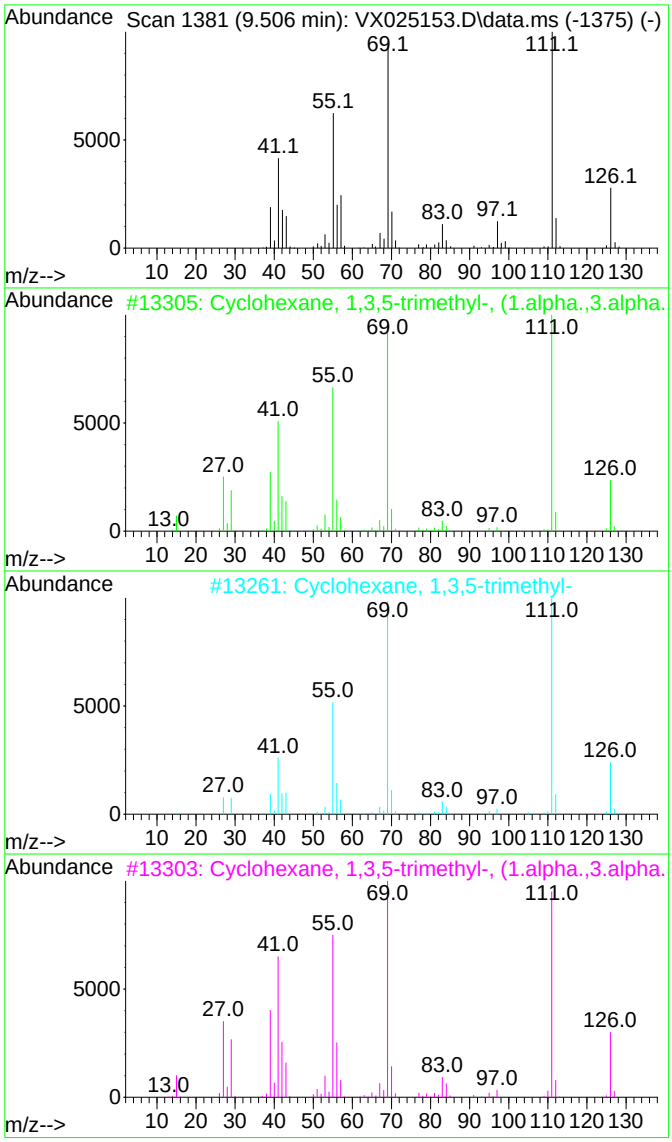
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

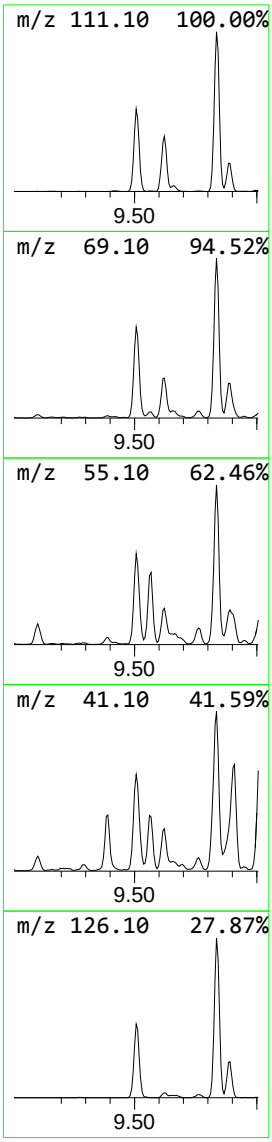
****

Peak Number 8 (DEL) Alkane: Cyclic9.506 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.506	41.01 ug/L	456828	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	91
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	91
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

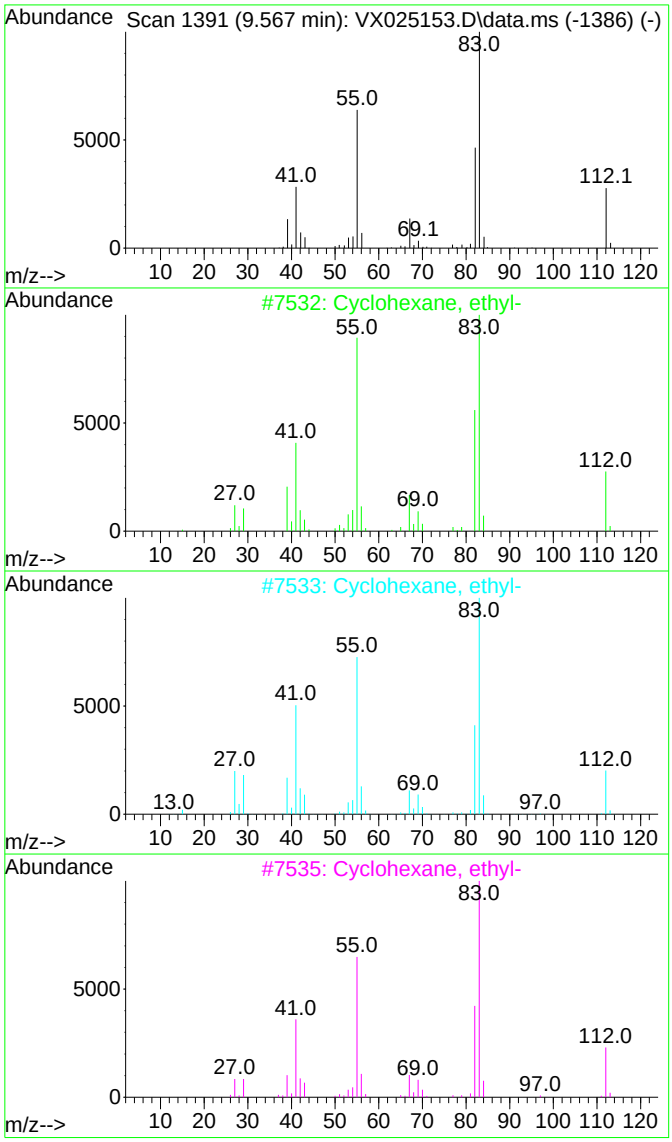
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

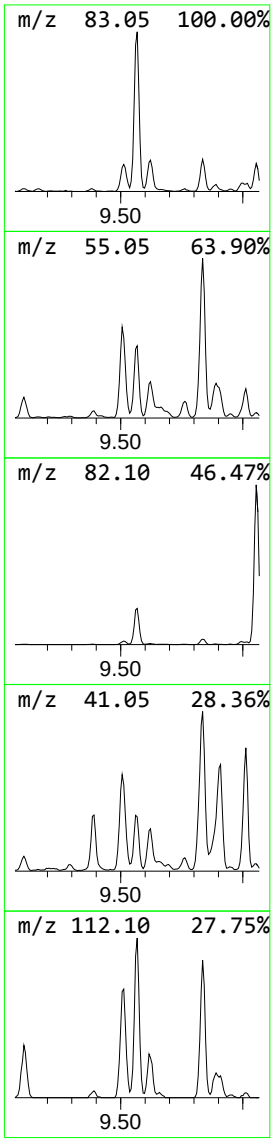
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic9.567 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.567	18.16 ug/L	202268	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
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	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

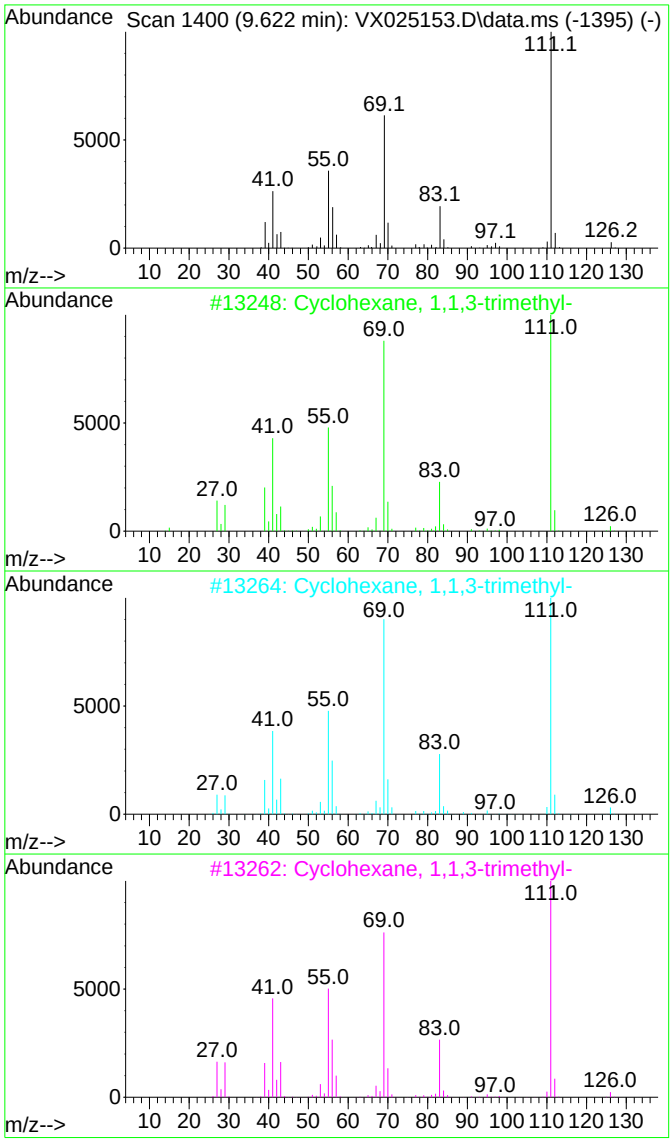
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

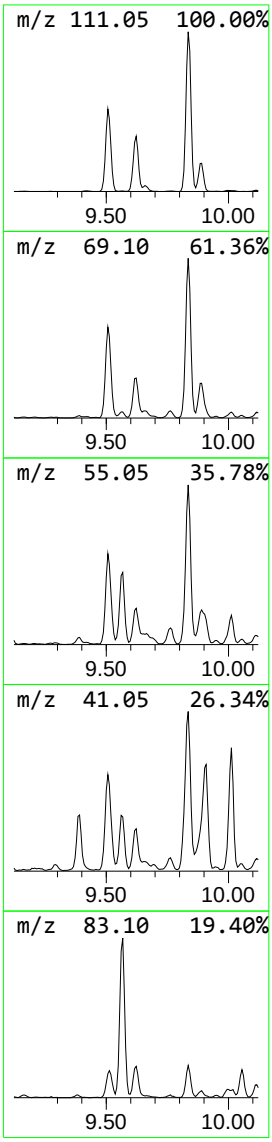
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.622 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	17.43 ug/L	194164	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	97
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	64
5	Isocytosine	111	C4H5N3O	000108-53-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

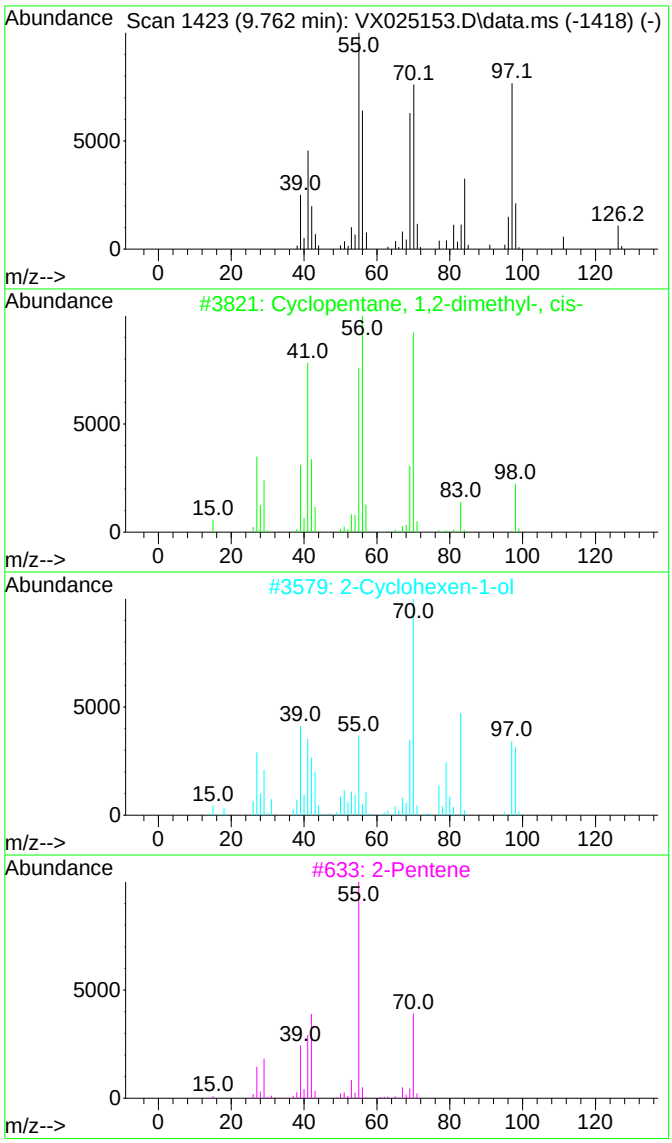
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

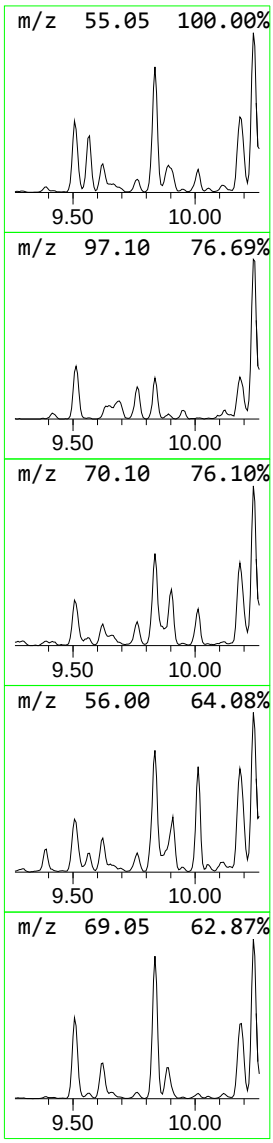
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic9.762 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	5.33 ug/L	59349	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
2	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	30
3	2-Pentene	70	C5H10	000109-68-2	27
4	1-Heptene	98	C7H14	000592-76-7	27
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

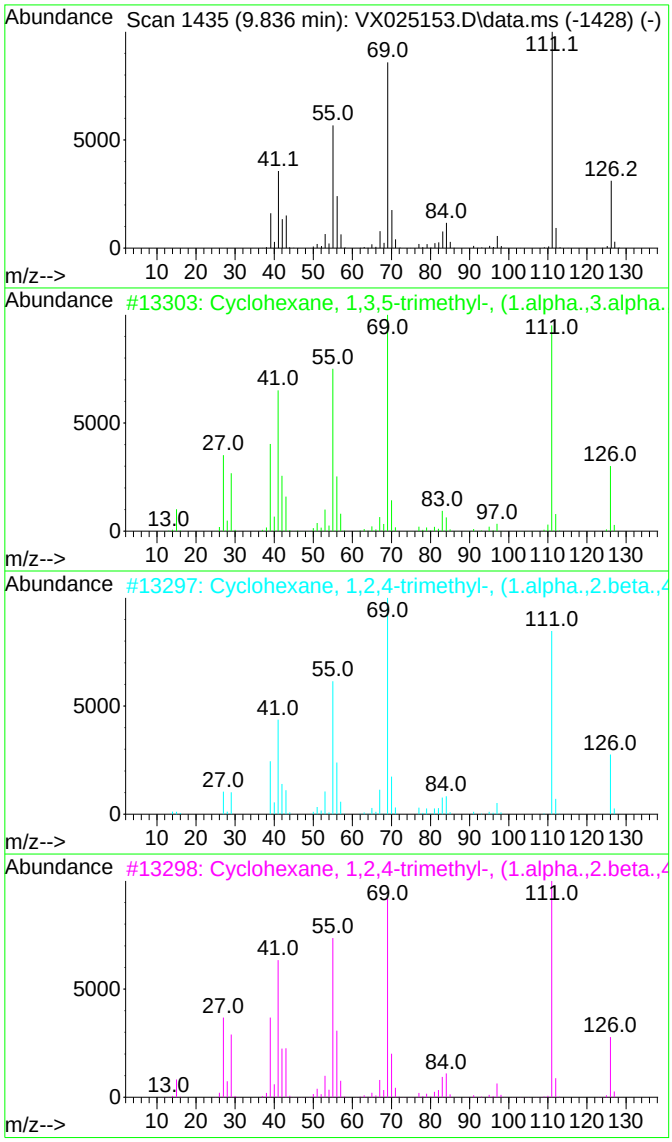
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

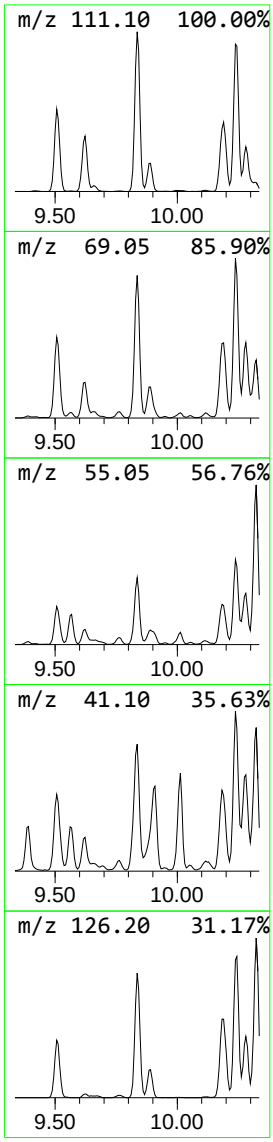
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic9.836 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.836	72.96 ug/L	812762	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

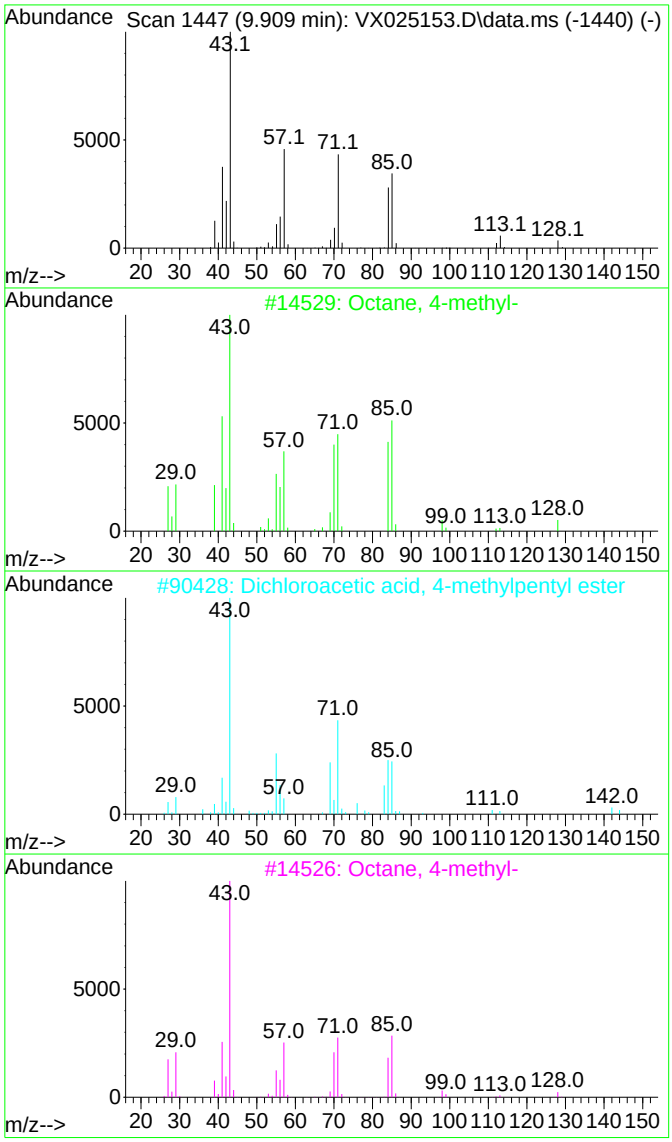
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

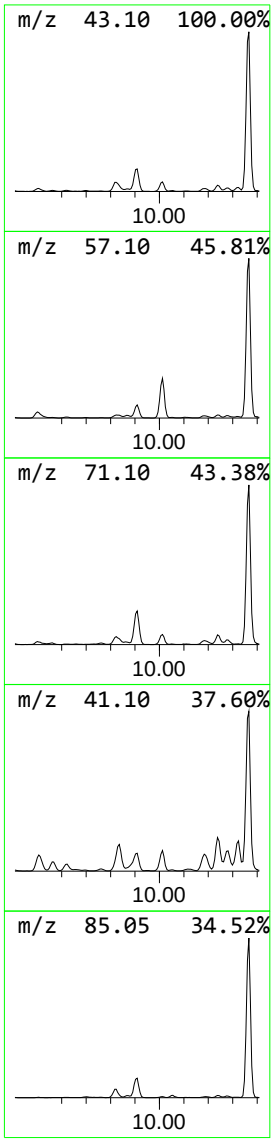
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.909	43.09 ug/L	480055	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	72
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	58
4	Octane, 4-methyl-	128	C9H20	002216-34-4	53
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

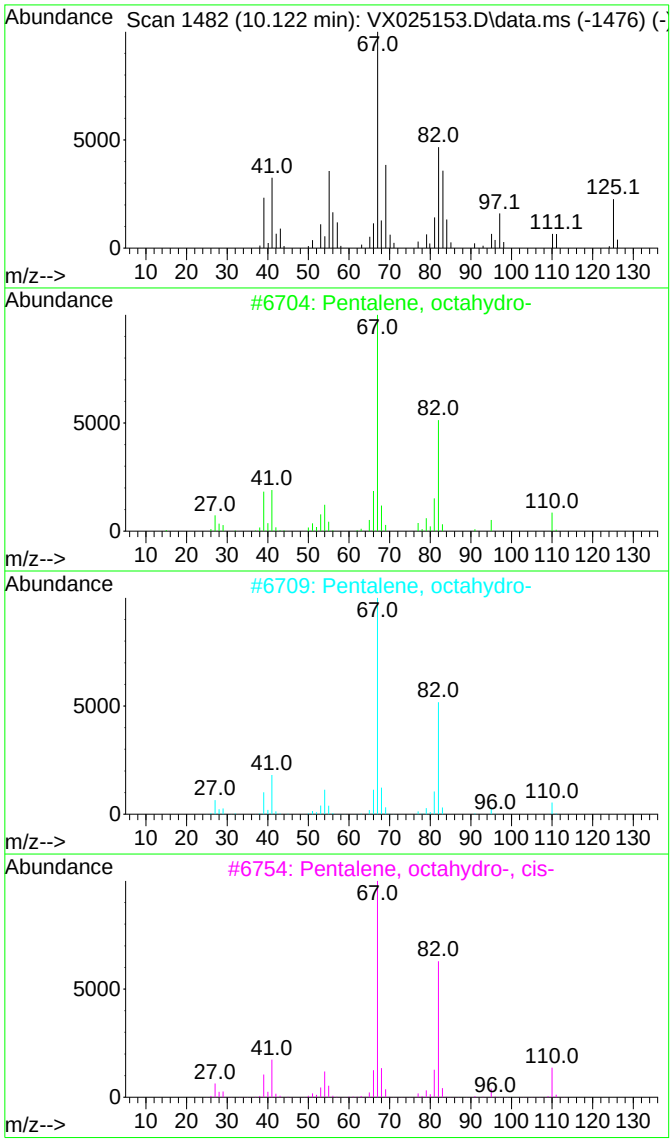
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

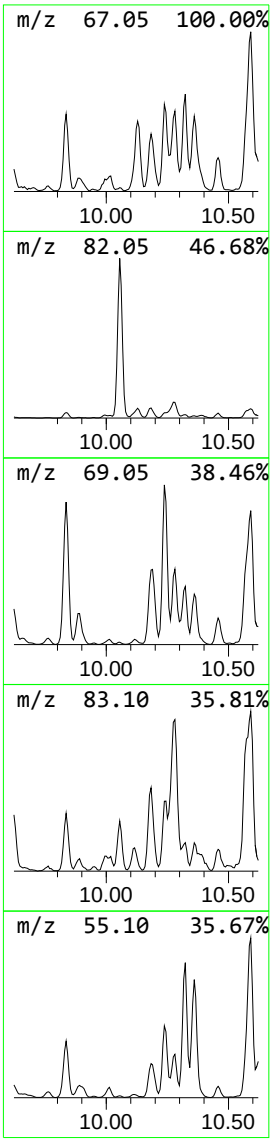
****

Peak Number 14 Pentalene, octahydro- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	5.25 ug/L	58446	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	60
2	Pentalene, octahydro-	110	C8H14	000694-72-4	50
3	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	50
4	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	50
5	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

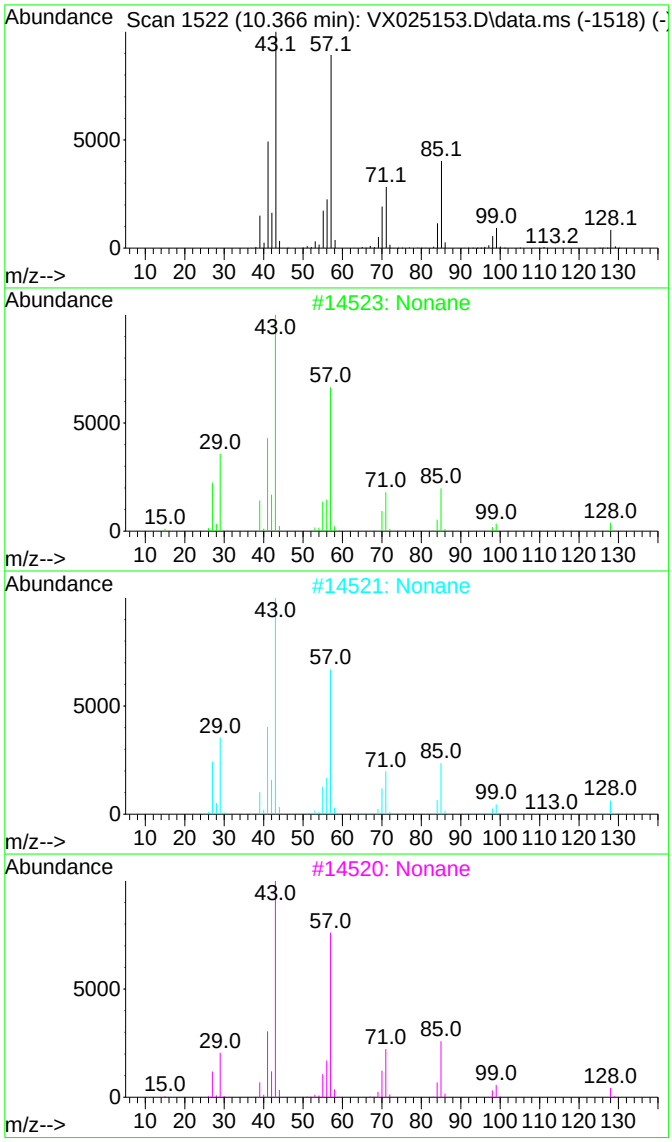
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

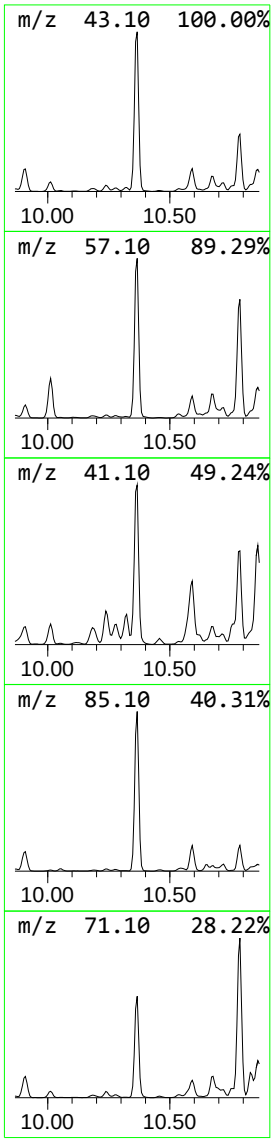
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.366	244.48 ug/L	2723600	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	87
4	Nonane	128	C9H20	000111-84-2	81
5	Octane	114	C8H18	000111-65-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

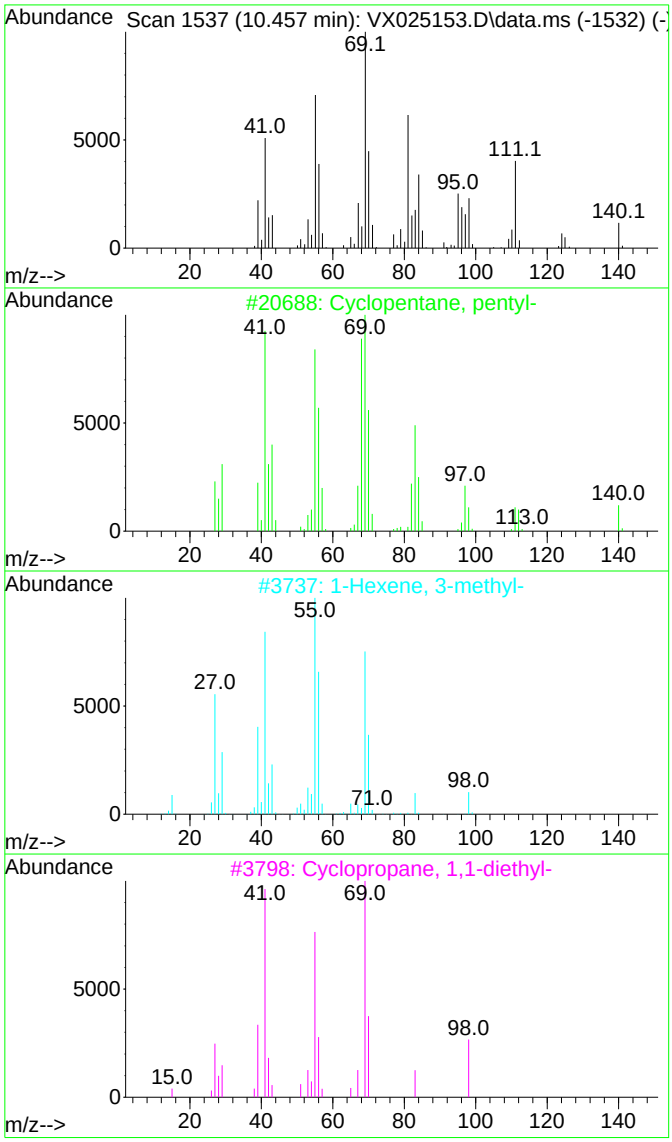
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

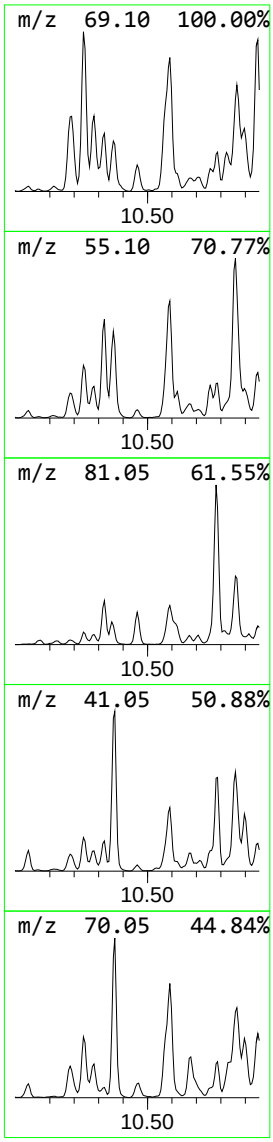
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic10.457 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	16.52 ug/L	184078	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	52
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	49
4	cis-3-Decene	140	C10H20	019398-86-8	46
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

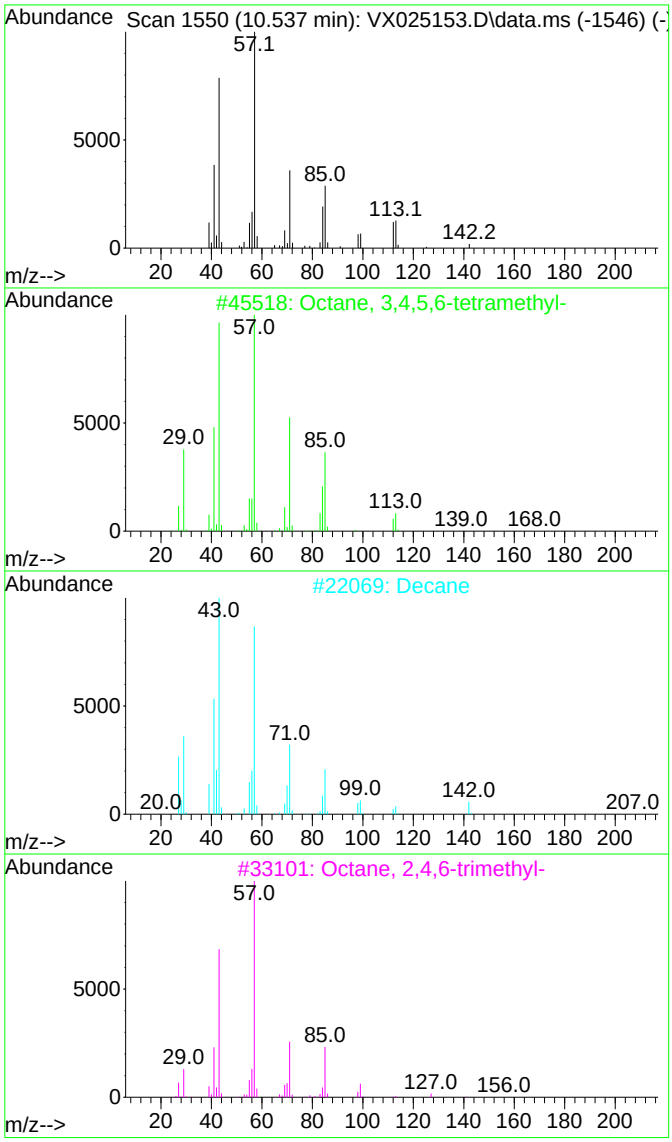
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

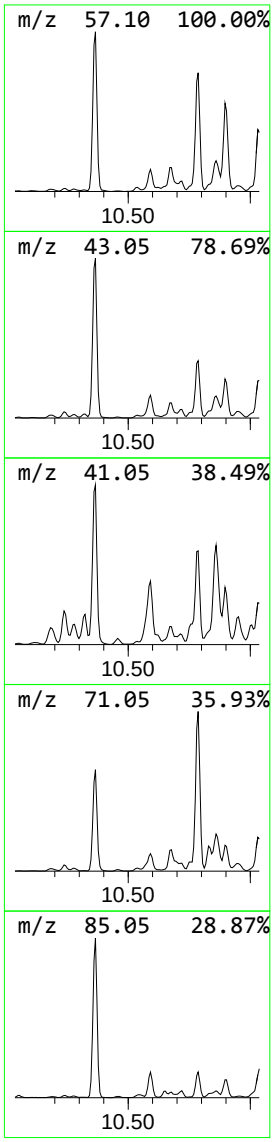
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.537	3.85 ug/L	42837	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
2	Decane	142	C10H22	000124-18-5	59
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

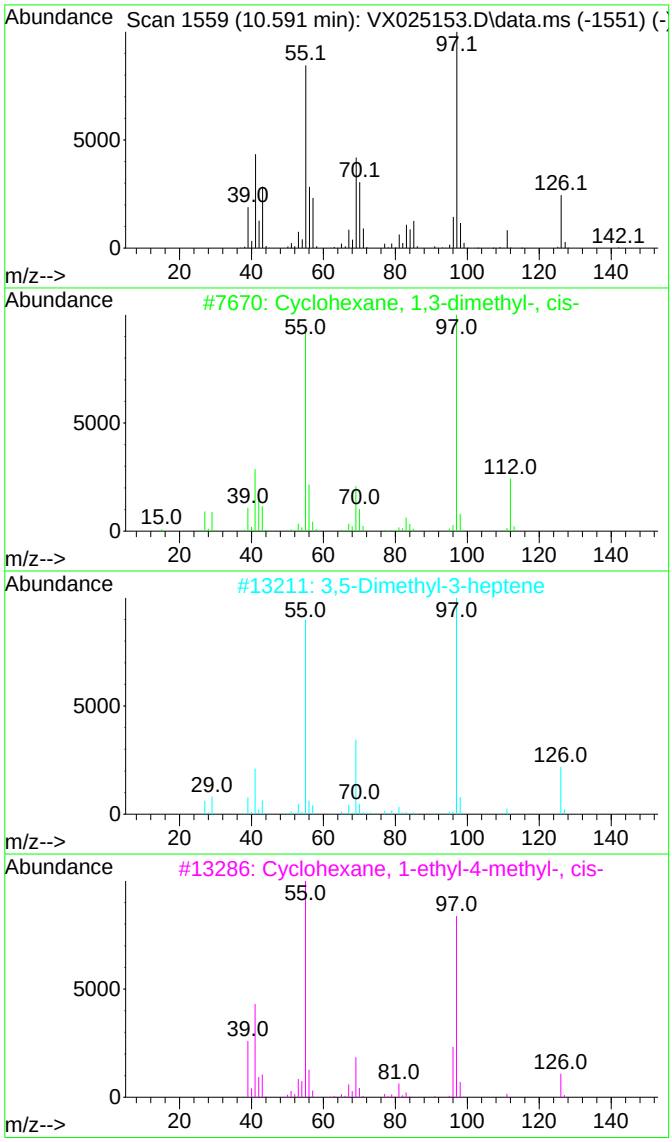
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

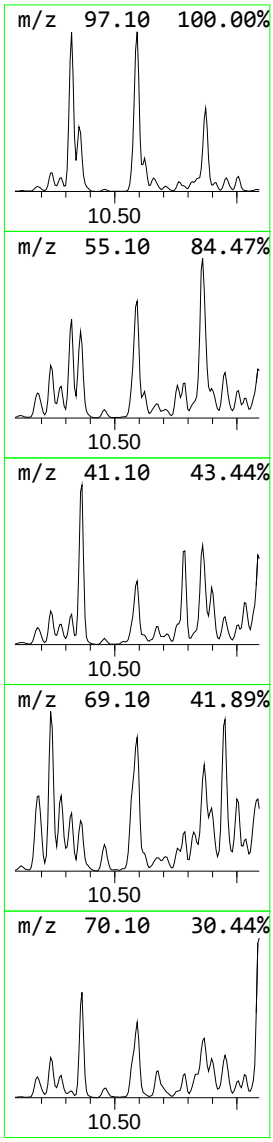
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic10.592 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	166.05 ug/L	1849840	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

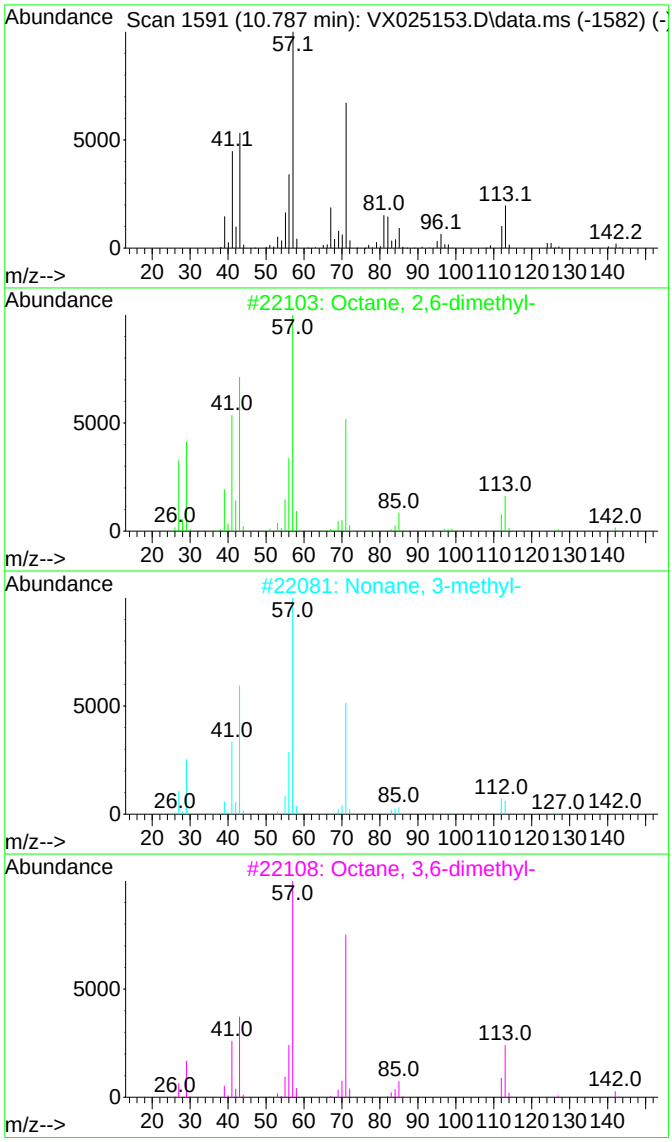
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

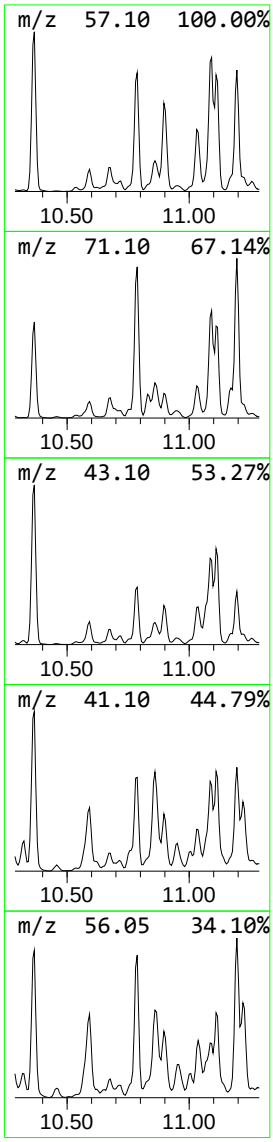
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.787	193.70 ug/L	2157890	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	81
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

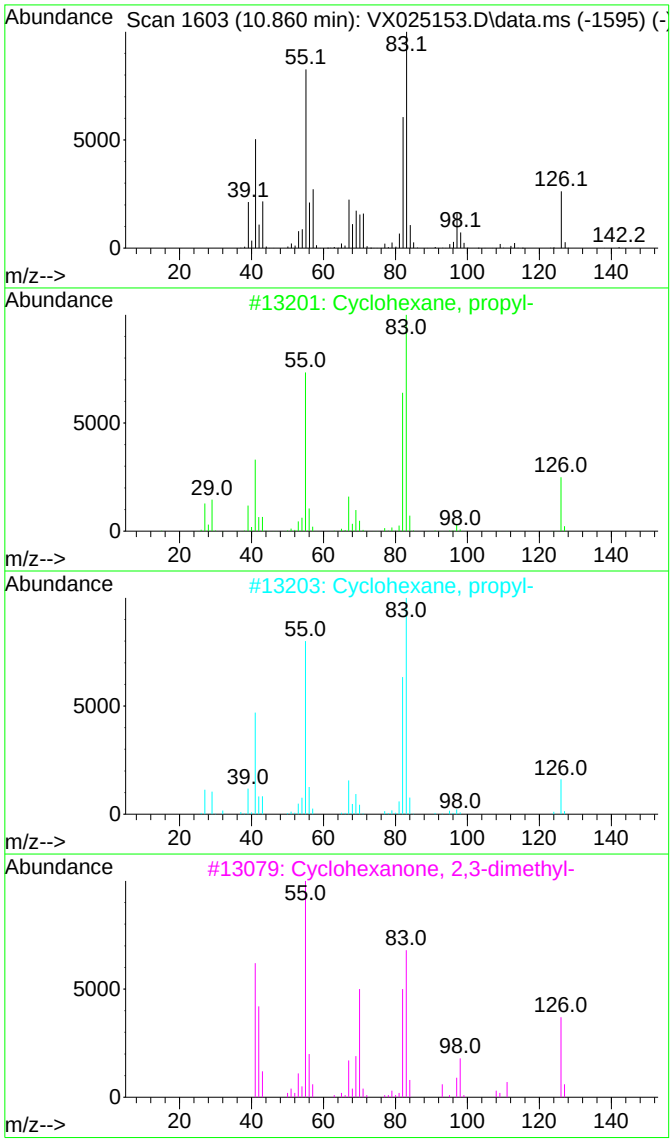
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

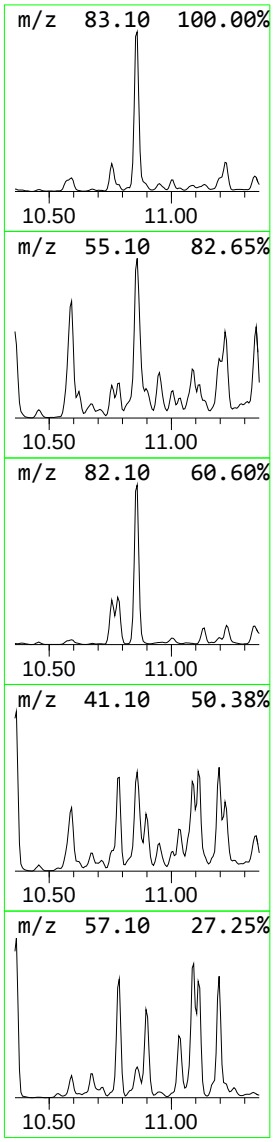
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic10.860 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.860	231.21 ug/L	2575740	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

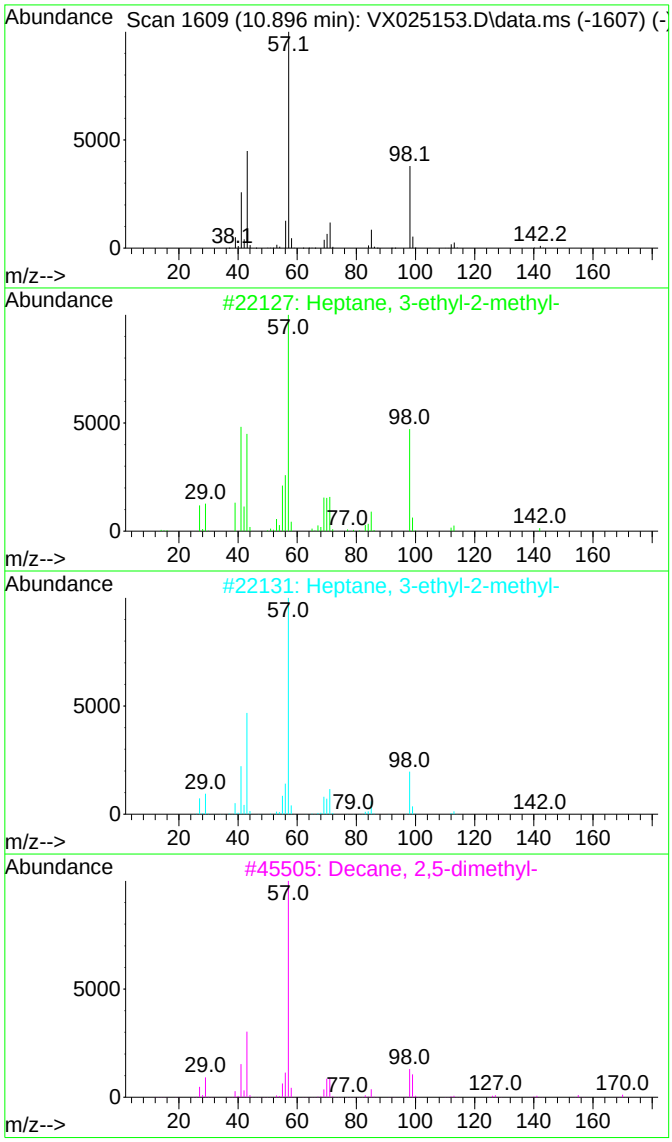
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

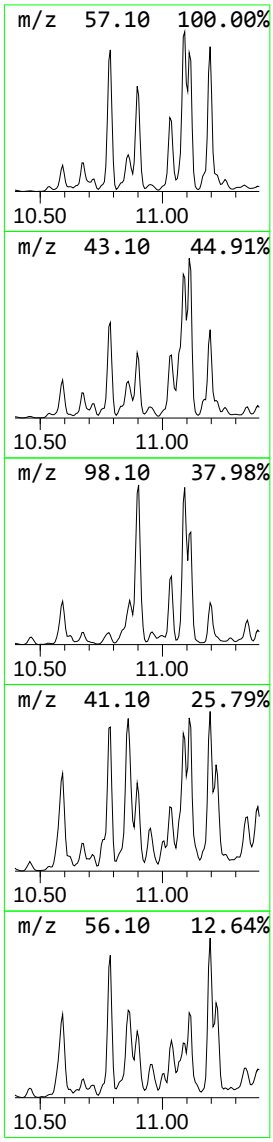
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.896	79.64 ug/L	887207	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
5	Undecane, 6-methyl-	170	C12H26	017302-33-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

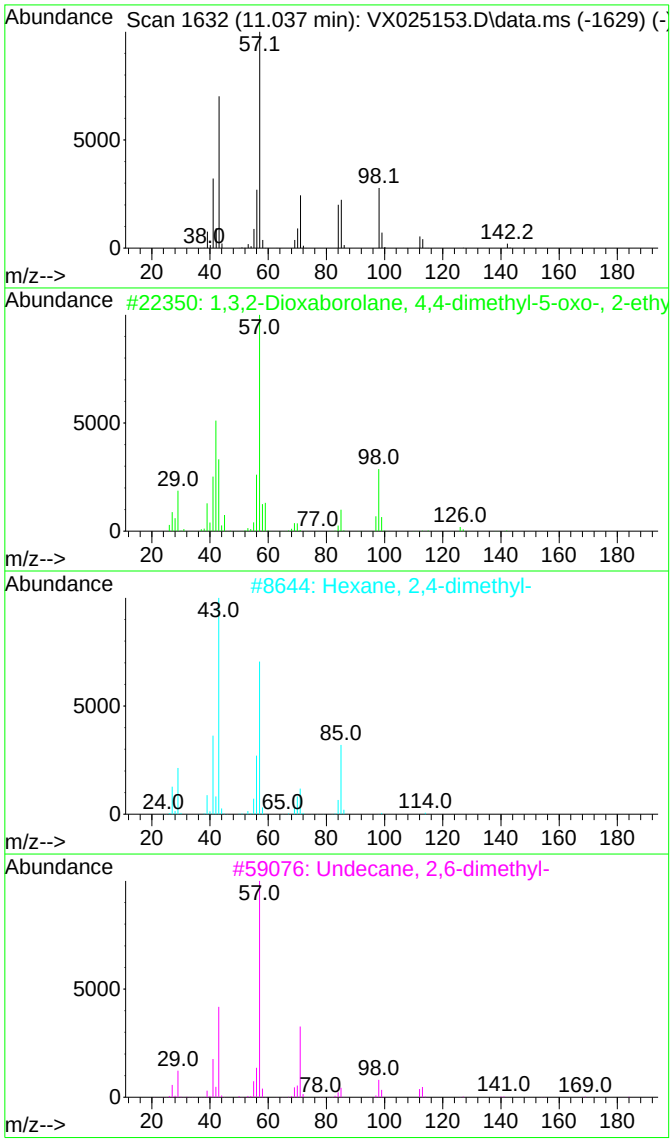
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

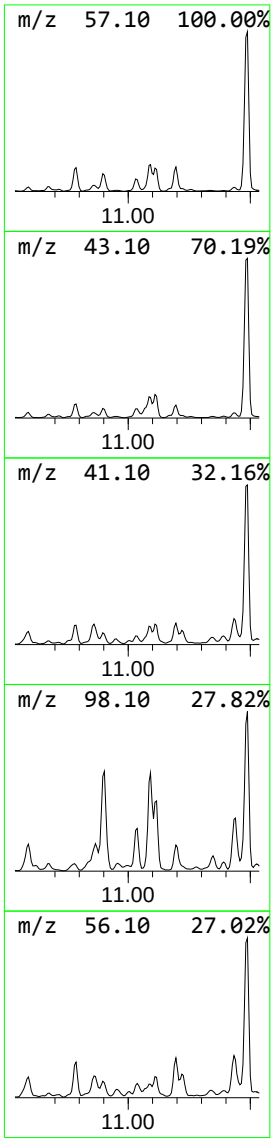
****

Peak Number 22 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.037	38.29 ug/L	426512	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11BO3	1000063-89-2	47
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

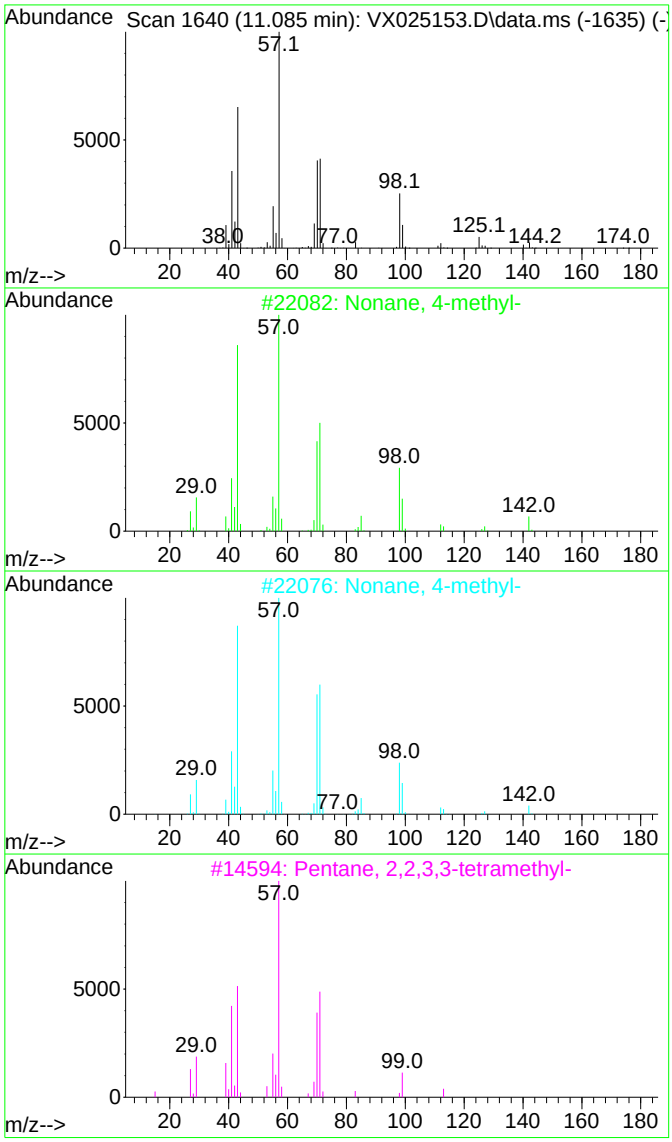
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

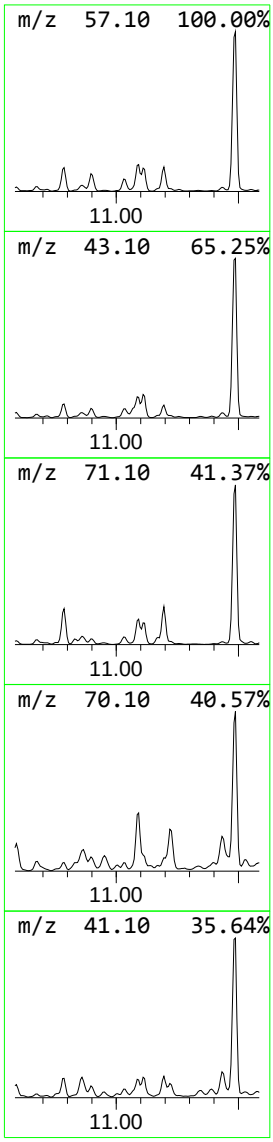
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	74.72 ug/L	1898030	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	68
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

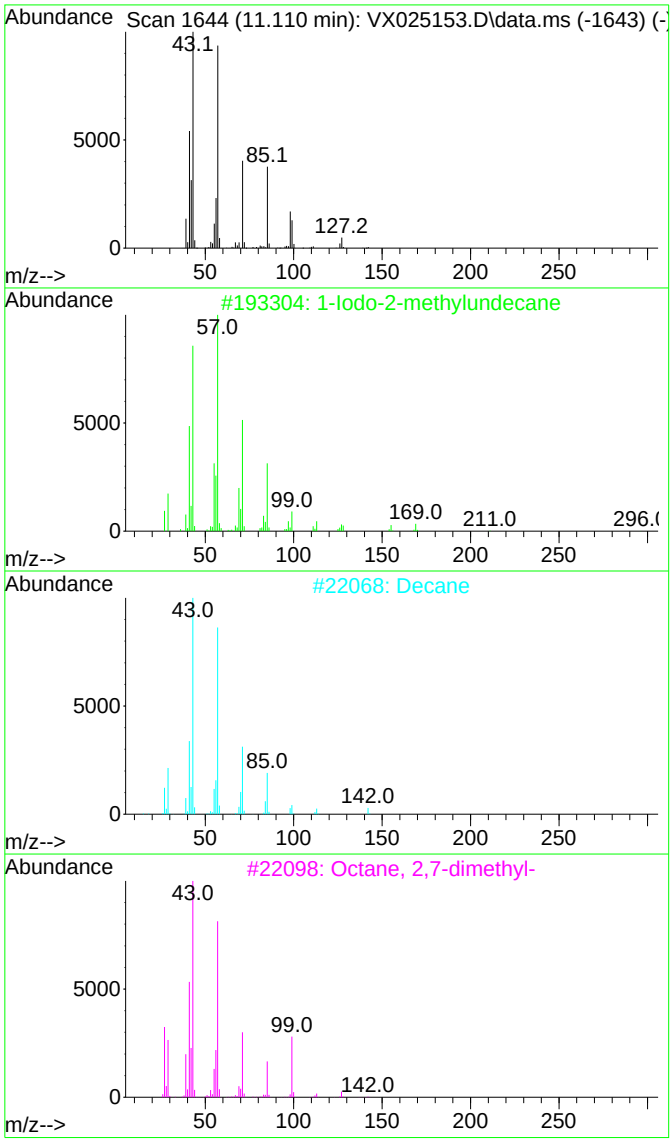
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

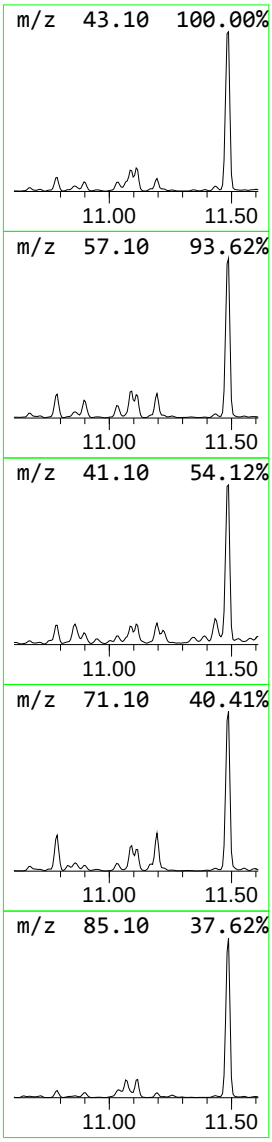
****

Peak Number 24 1-Iodo-2-methylundecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	51.59 ug/L	1310320	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	78
2	Decane	142	C10H22	000124-18-5	72
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	72
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	64
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

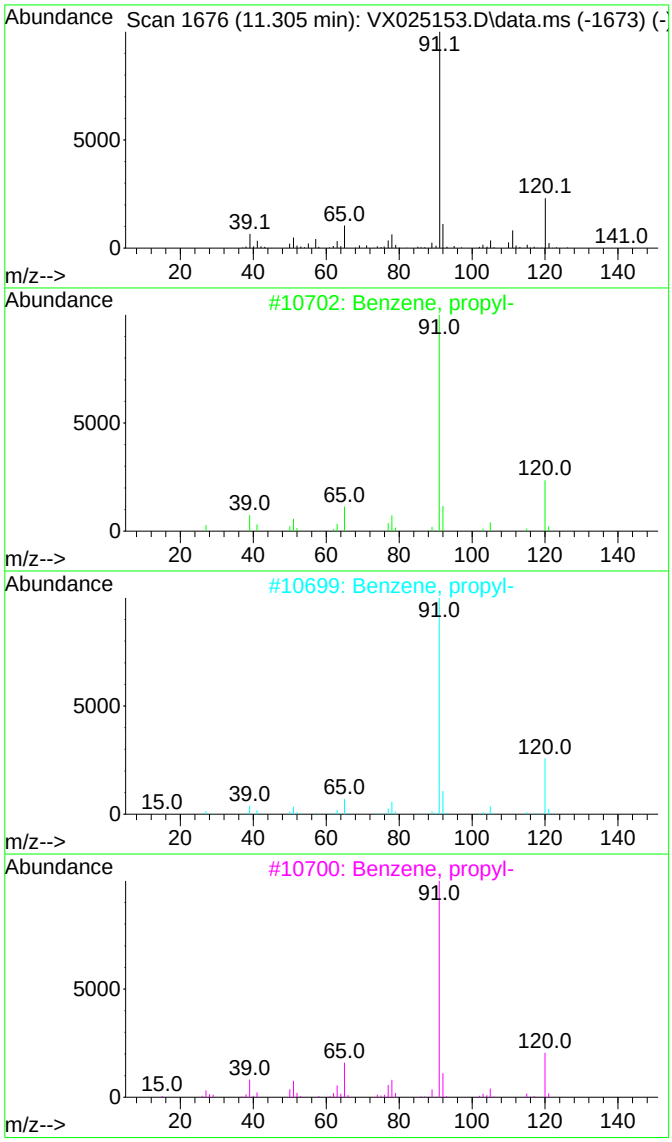
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

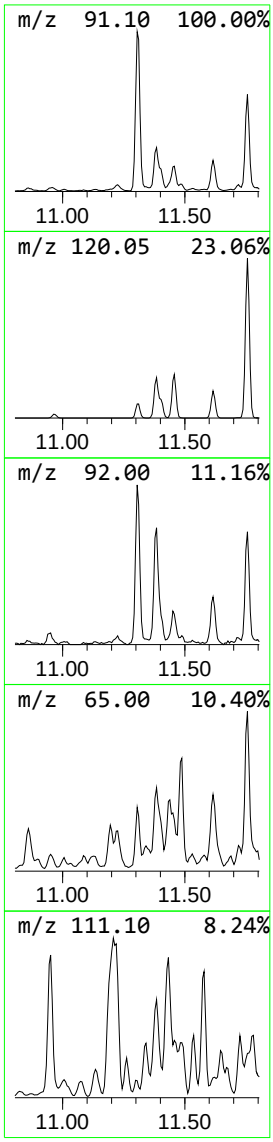
****

Peak Number 25 Benzene, propyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.305	7.23 ug/L	183578	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

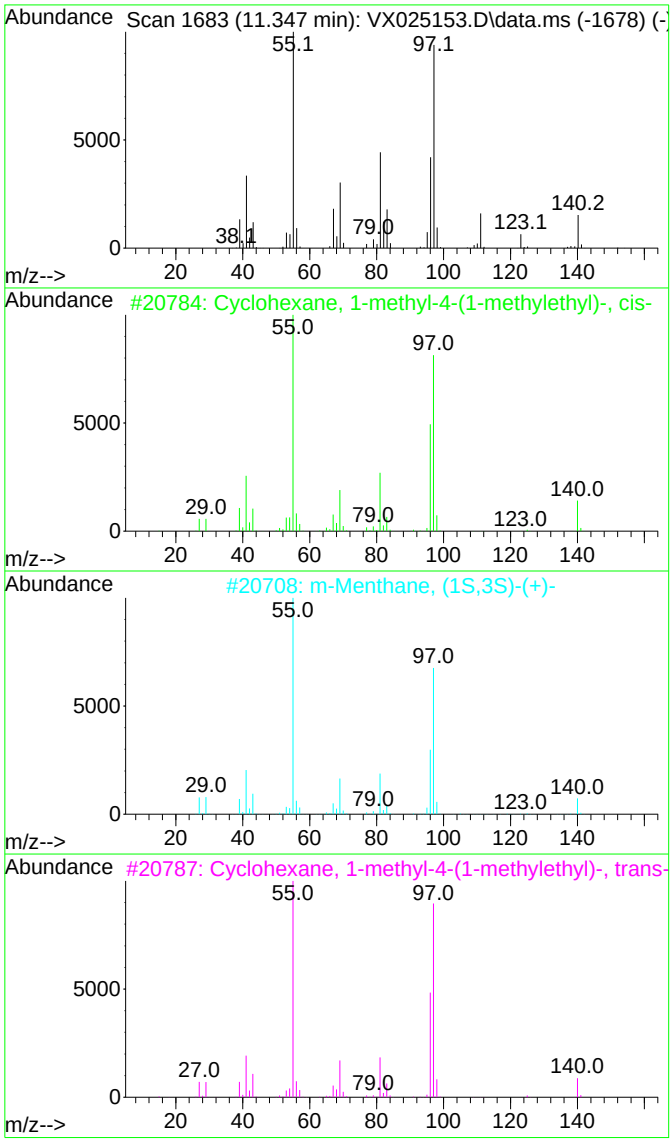
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

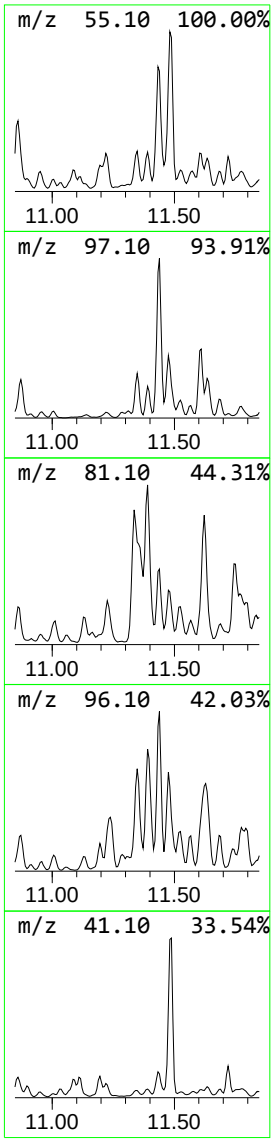
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic11.347 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.347	32.67 ug/L	829814	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	81
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	80
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	74
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

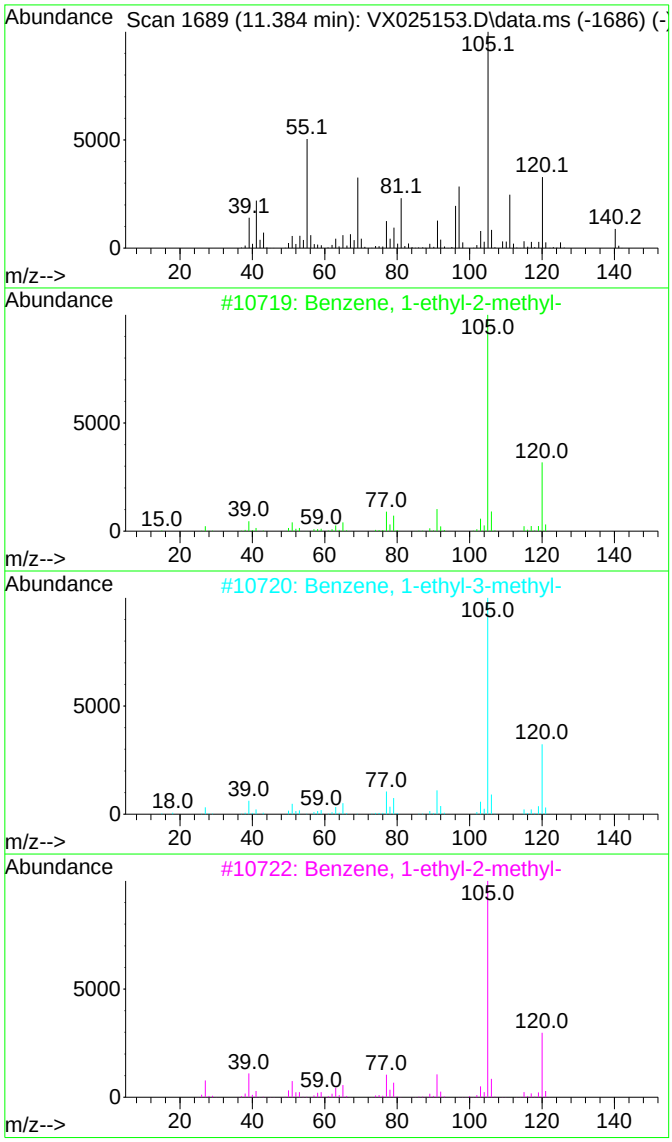
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

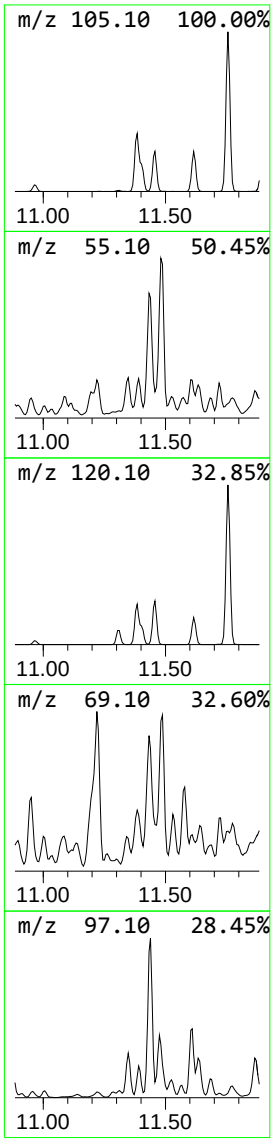
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	49.47 ug/L	1256450	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	89
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	89
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	89
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	50
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

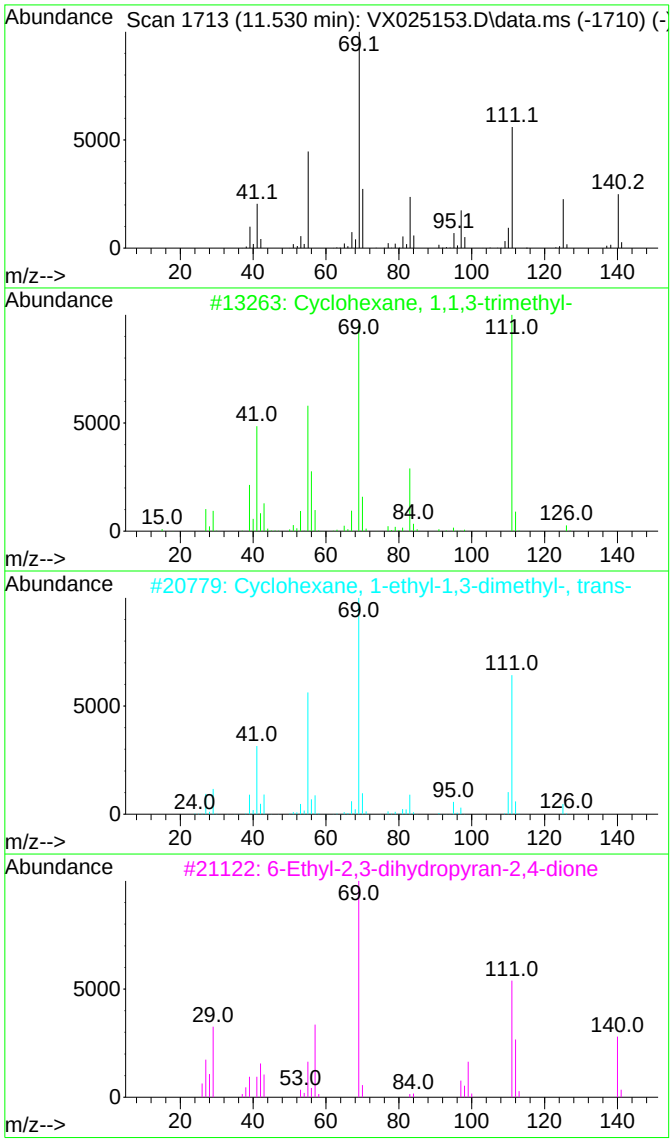
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

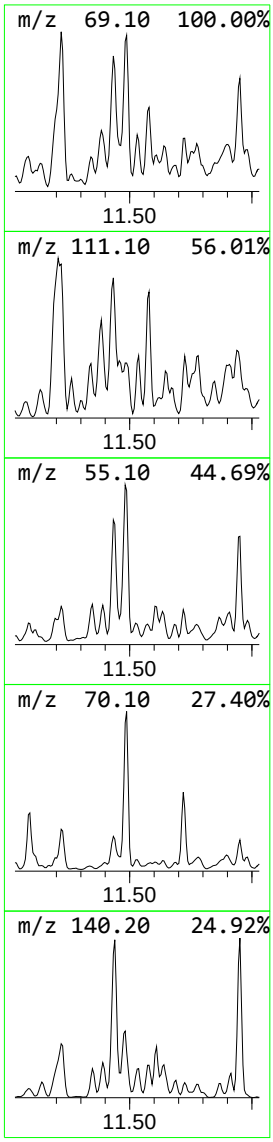
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic11.530 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.530	12.26 ug/L	311484	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	50
2	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	50
3	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	50
4	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	47
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

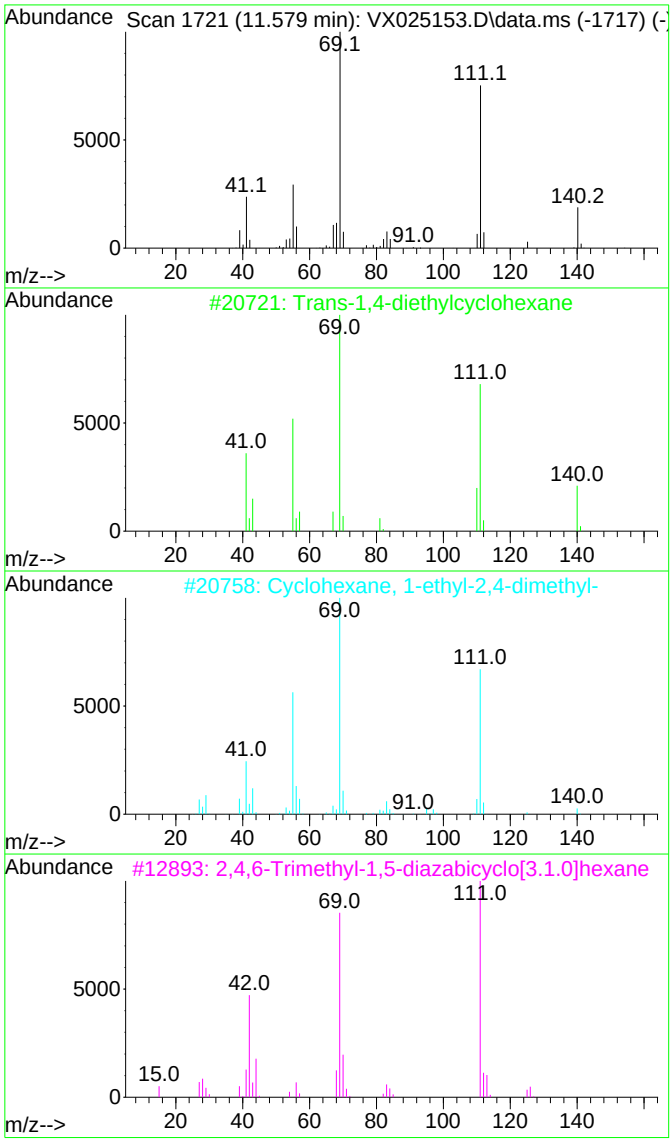
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

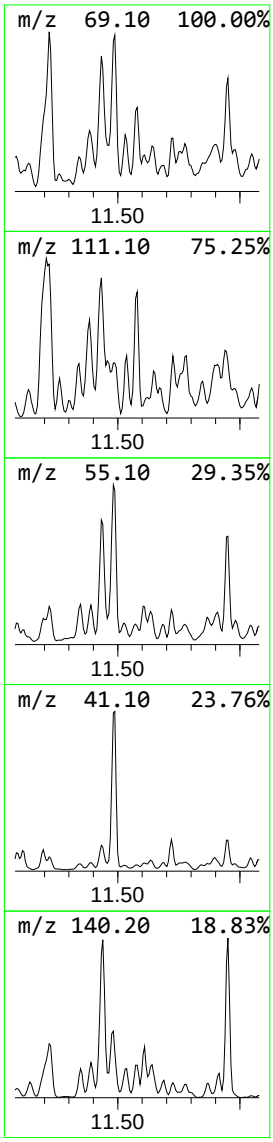
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic11.579 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.579	13.54 ug/L	343838	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	86
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
3	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	72
4	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	72
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

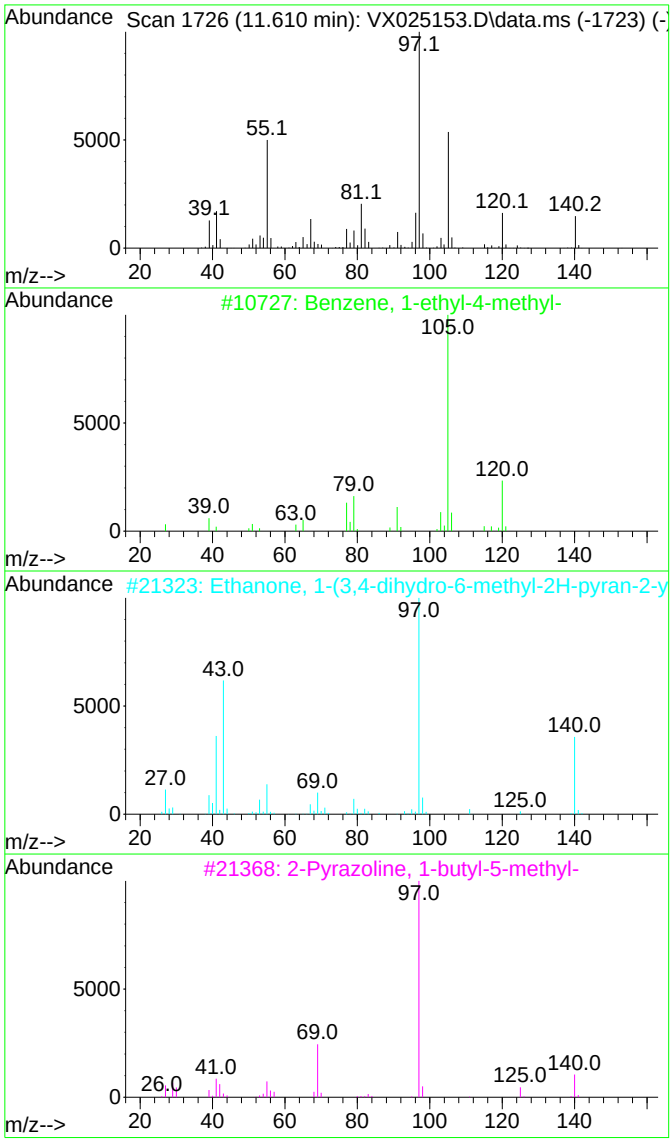
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

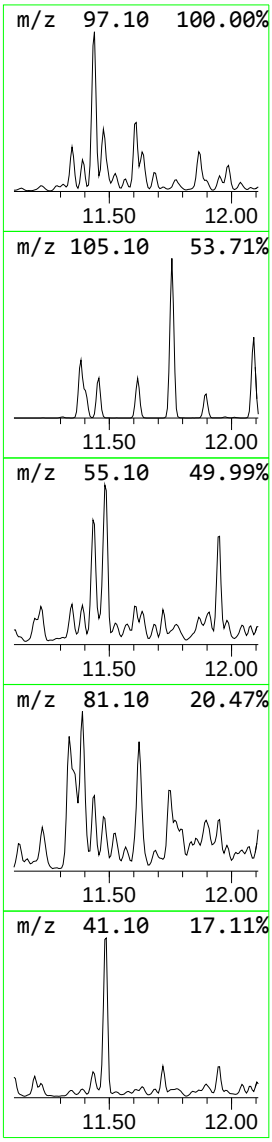
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-ethyl-4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	40.88 ug/L	1038470	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	56
2	Ethanone, 1-(3,4-dihydro-6-methy...	140	C8H12O2	028450-02-4	50
3	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	50
4	Semustine	247	C10H18ClN3O2	013909-09-6	50
5	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

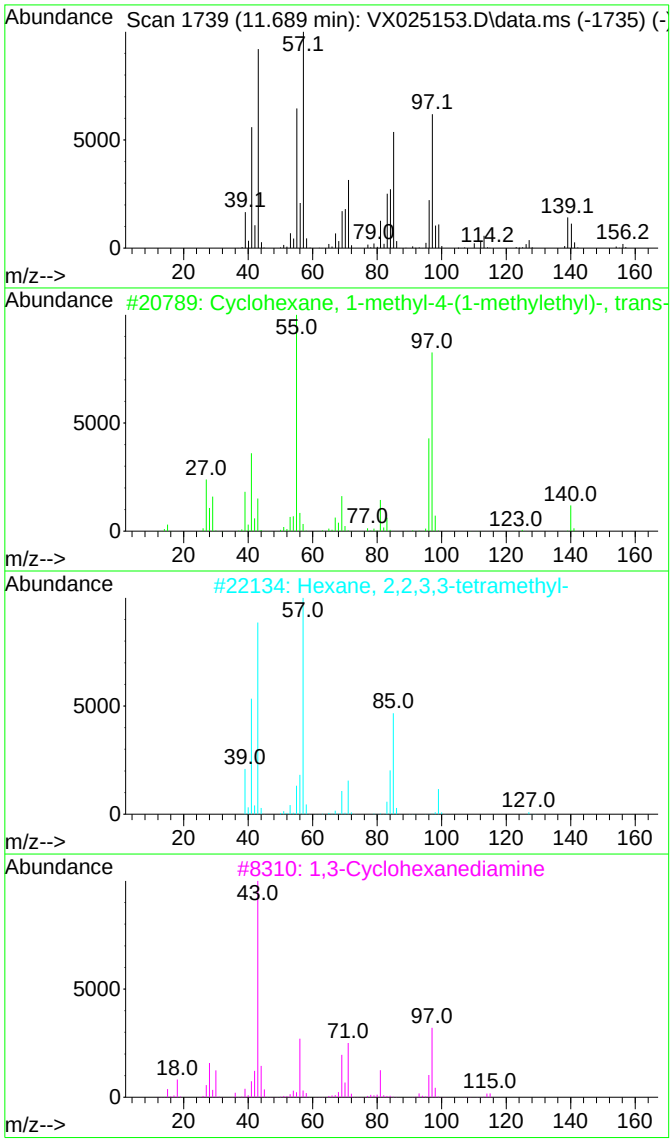
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

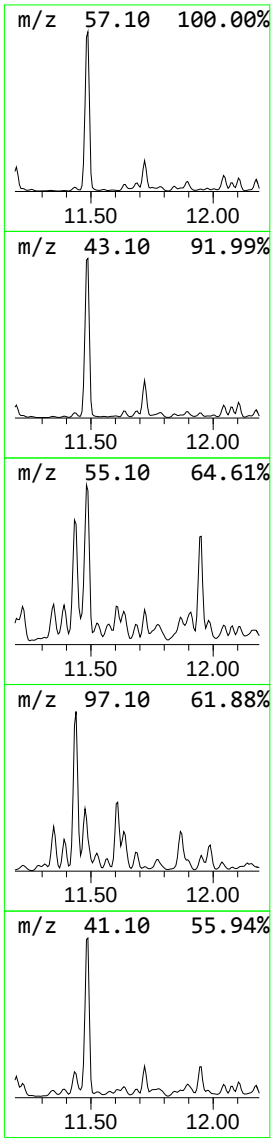
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic11.689 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.689	24.16 ug/L	613790	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	30
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	27
3	1,3-Cyclohexanediamine	114	C6H14N2	003385-21-5	27
4	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	22
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

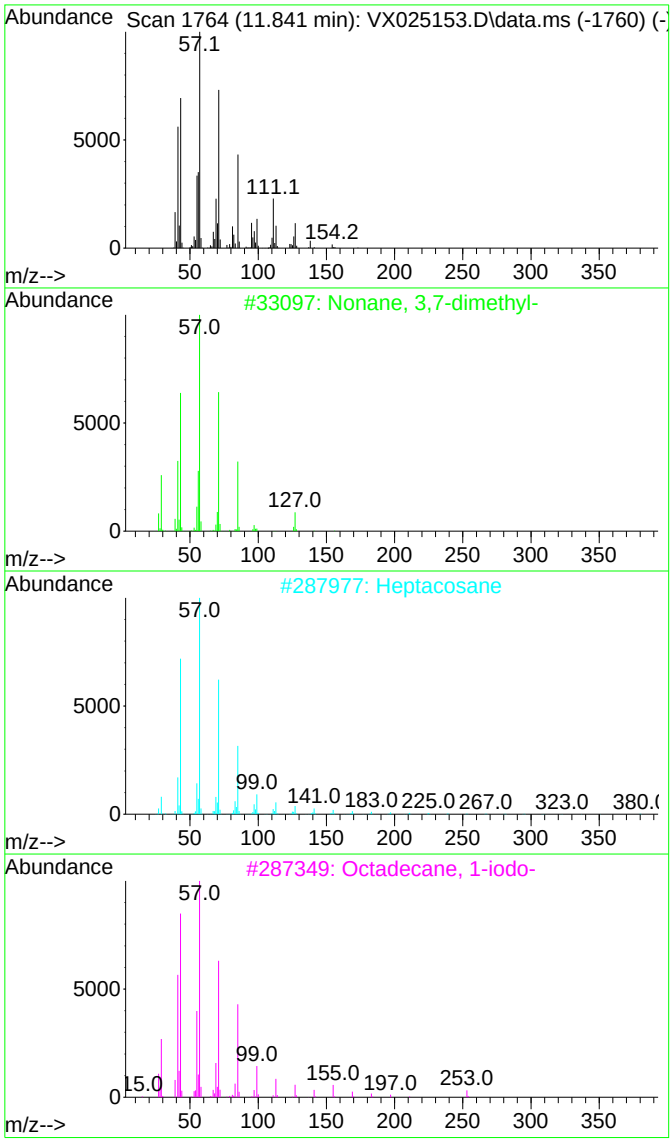
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

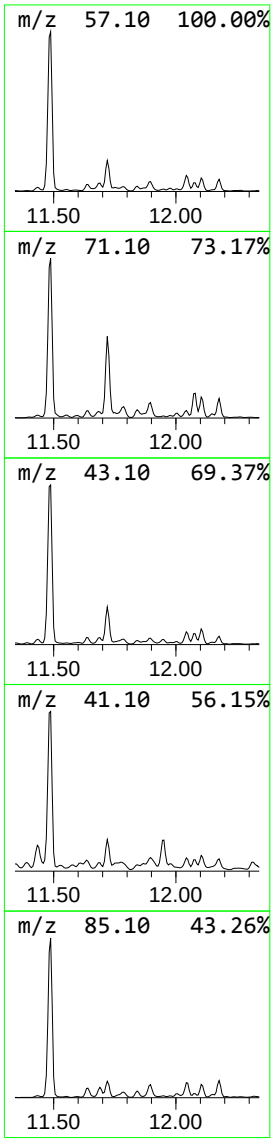
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	21.40 ug/L	543618	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
2	Heptacosane	380	C27H56	000593-49-7	64
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
4	Decane, 3-methyl-	156	C11H24	013151-34-3	64
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

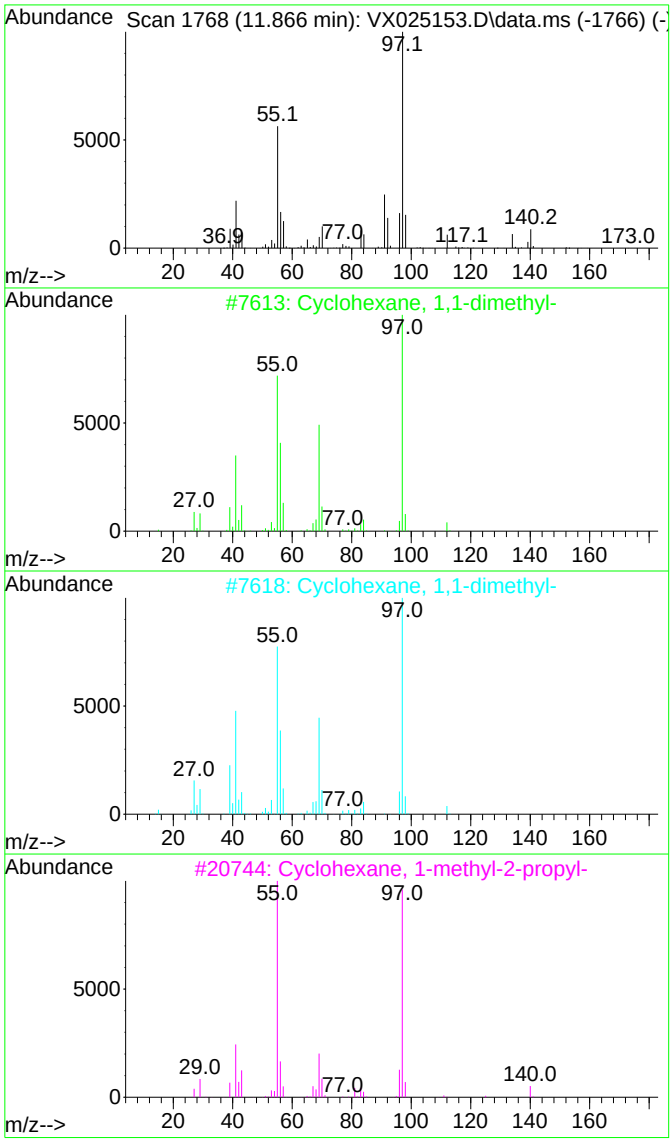
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

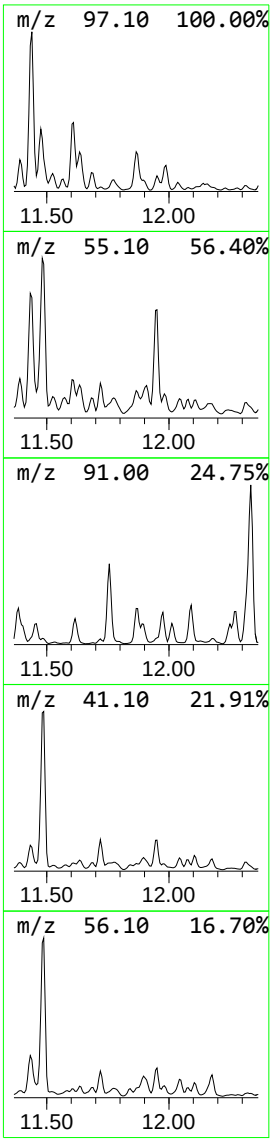
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic11.866 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.866	10.28 ug/L	261021	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	72
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	53
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

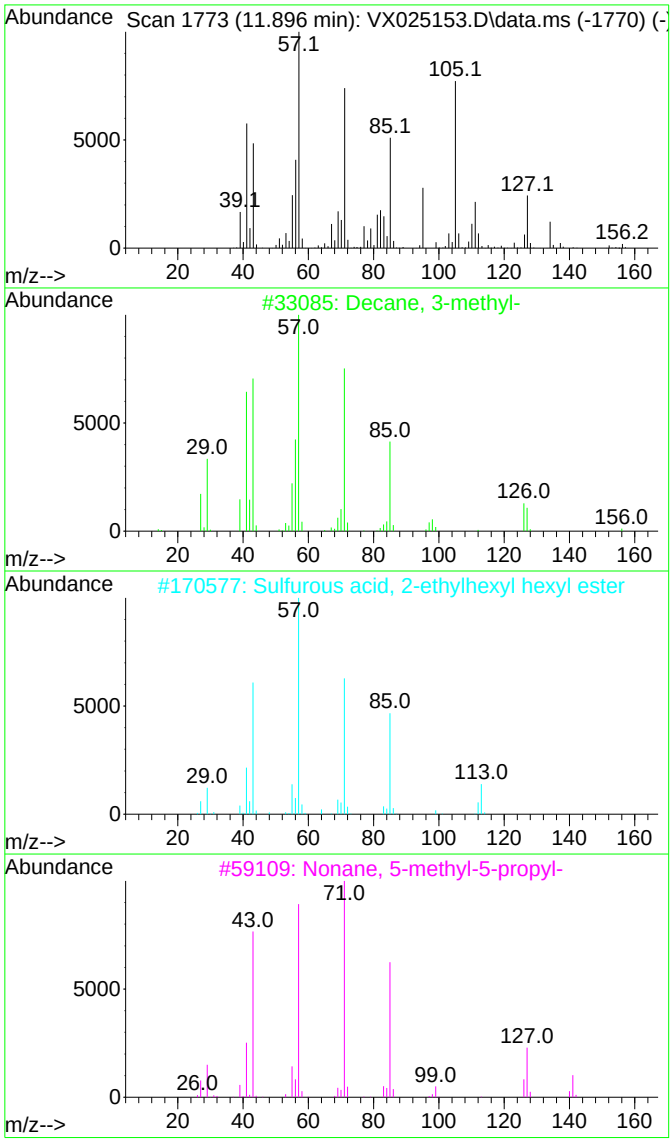
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

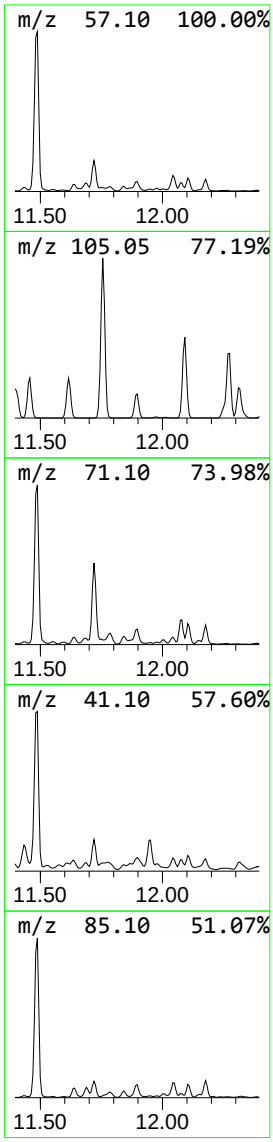
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	48.16 ug/L	1223280	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	58
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	38
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

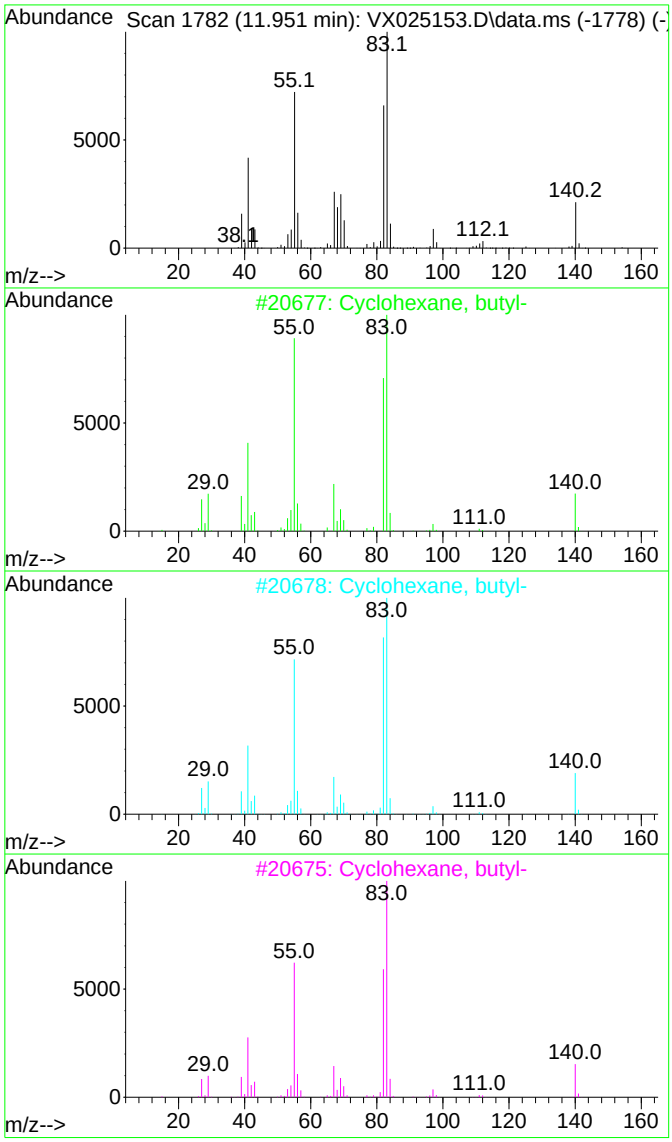
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

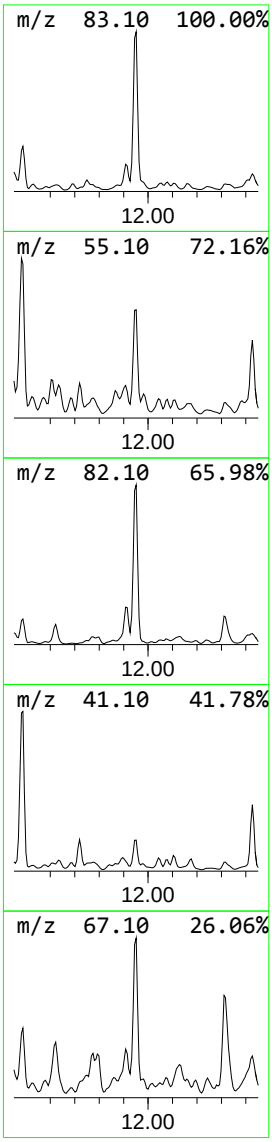
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Cyclic11.951 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	100.91 ug/L	2563070	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

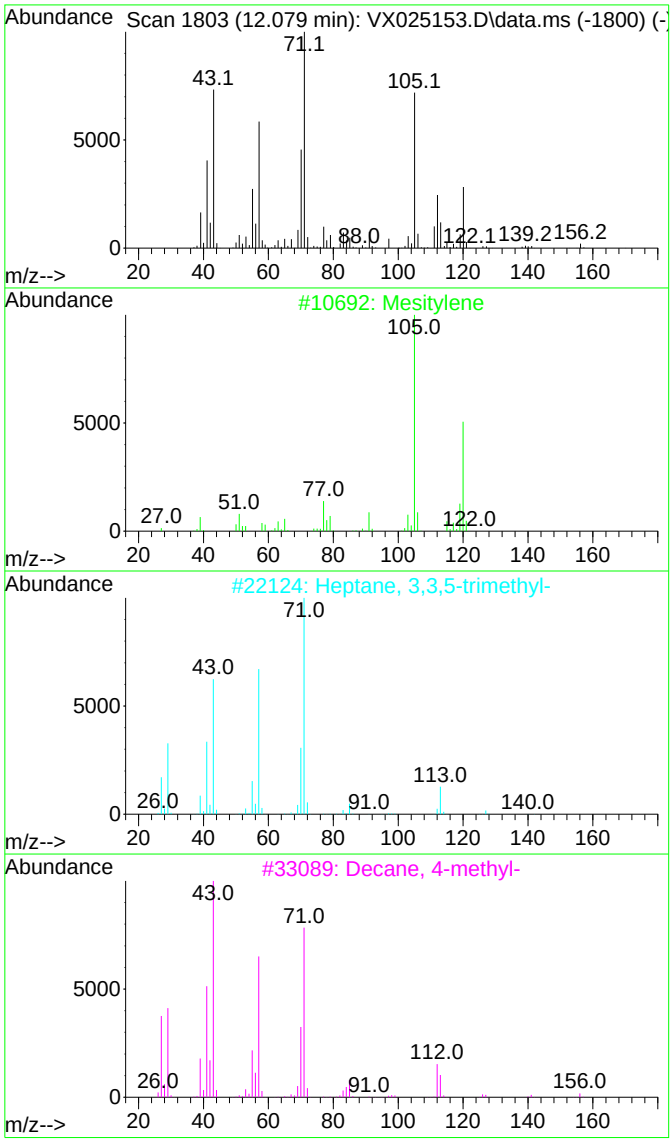
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

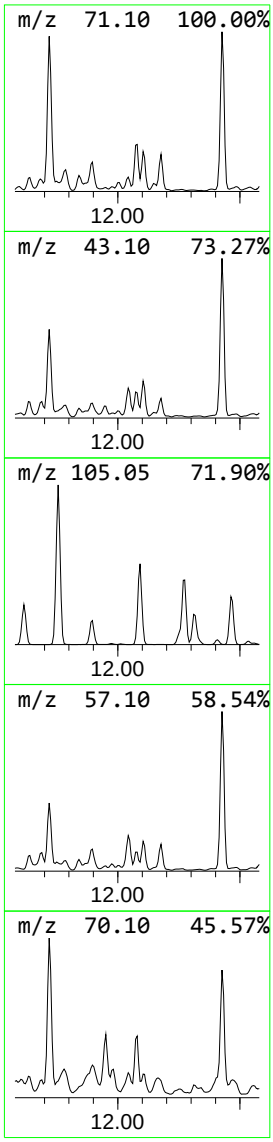
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.079	39.48 ug/L	1002820	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	56
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43
3	Decane, 4-methyl-	156	C11H24	002847-72-5	42
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	40
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

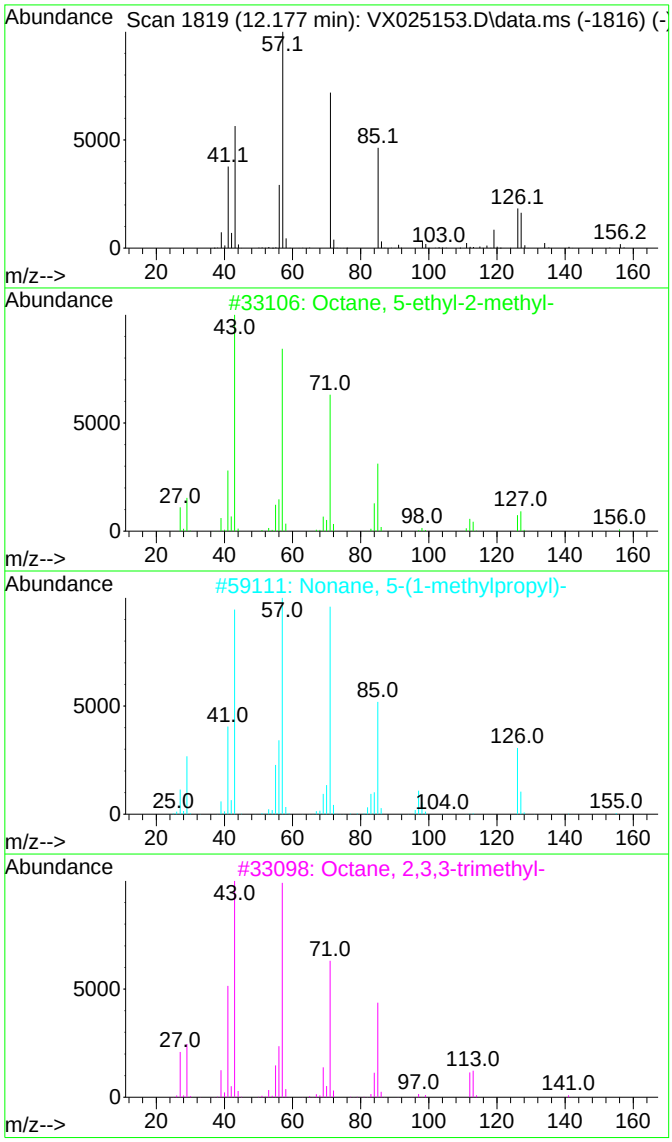
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

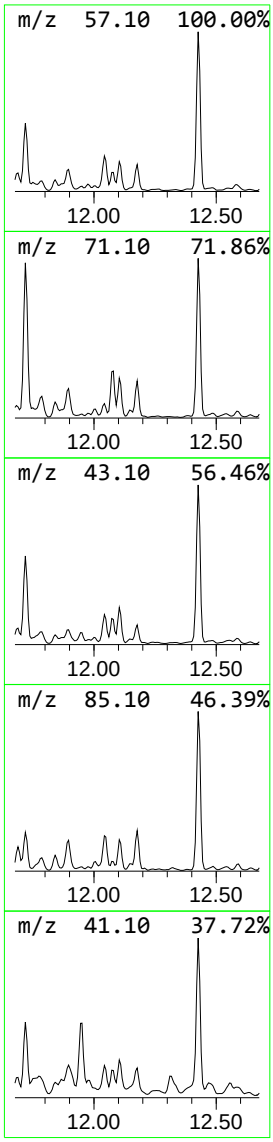
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.177	44.82 ug/L	1138500	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	80
2	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	72
3	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

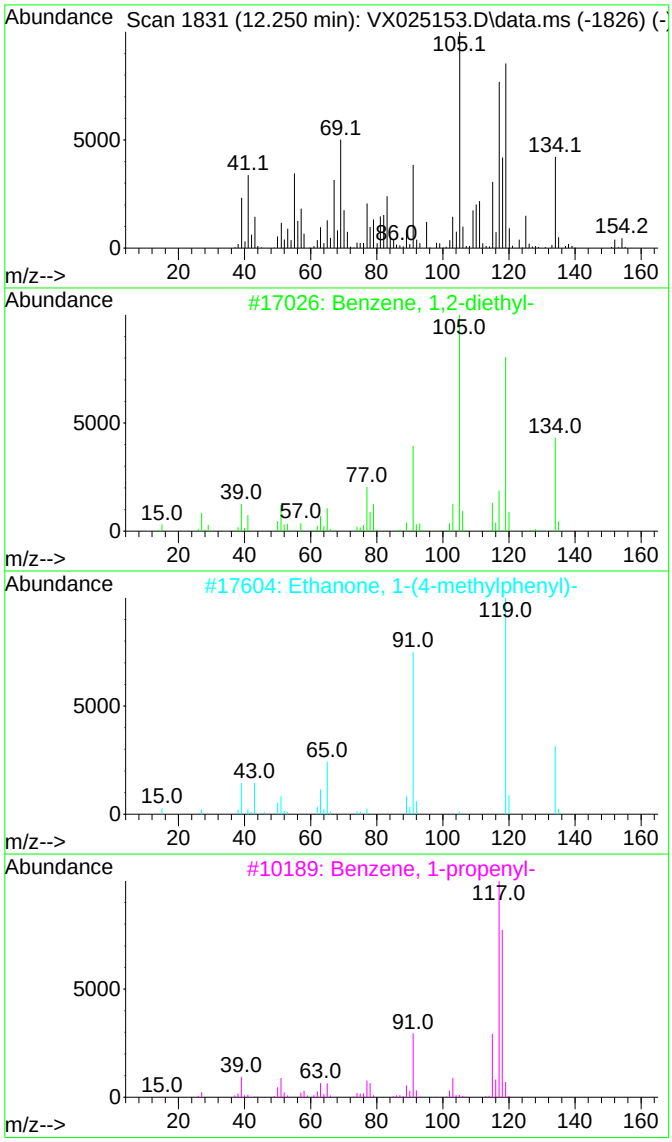
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

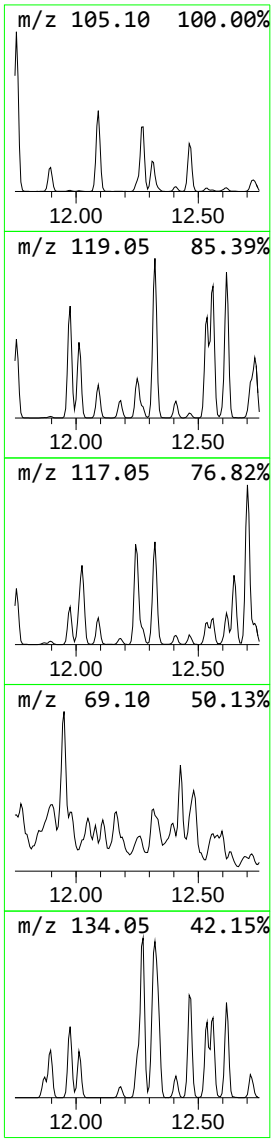
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Benzene, 1,2-diethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	17.80 ug/L	452247	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	80
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	51
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	47
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

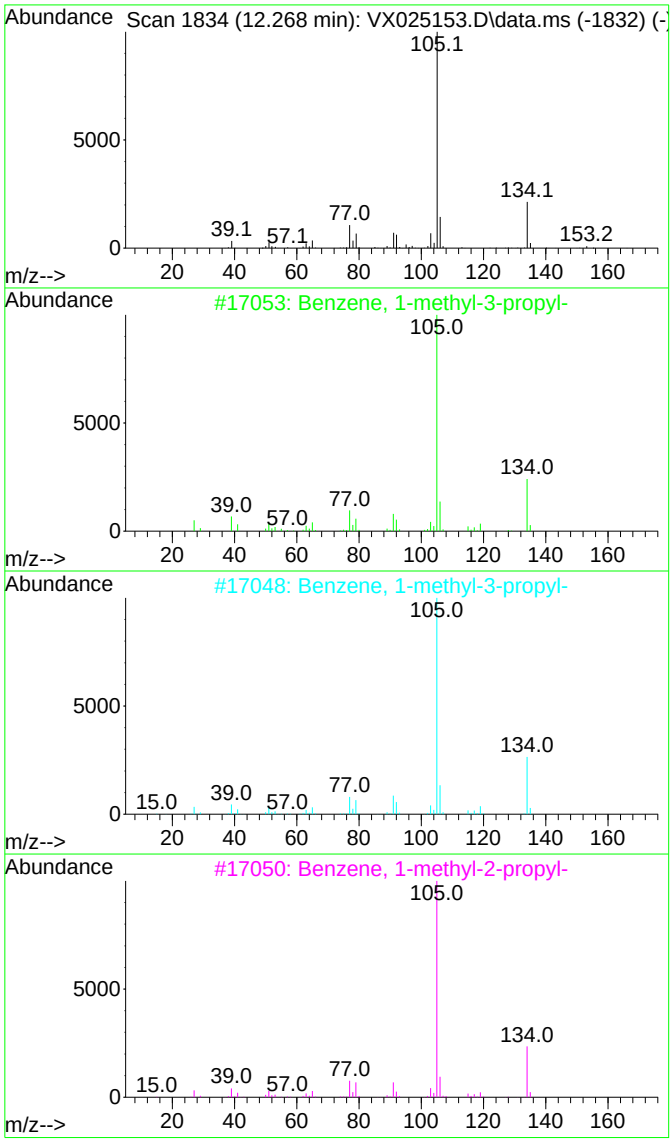
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

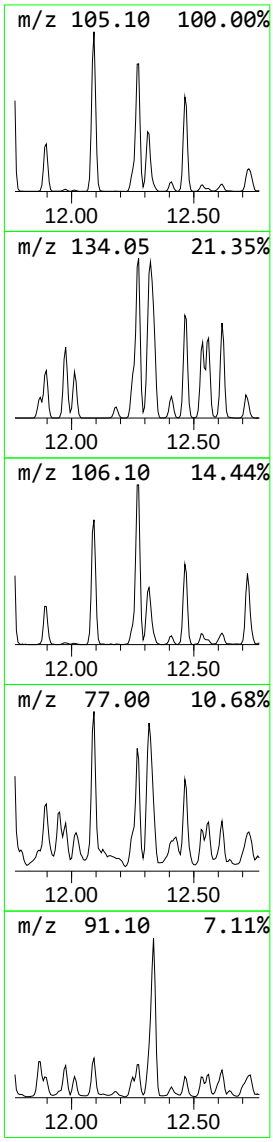
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1-methyl-3-propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.268	21.11 ug/L	536279	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

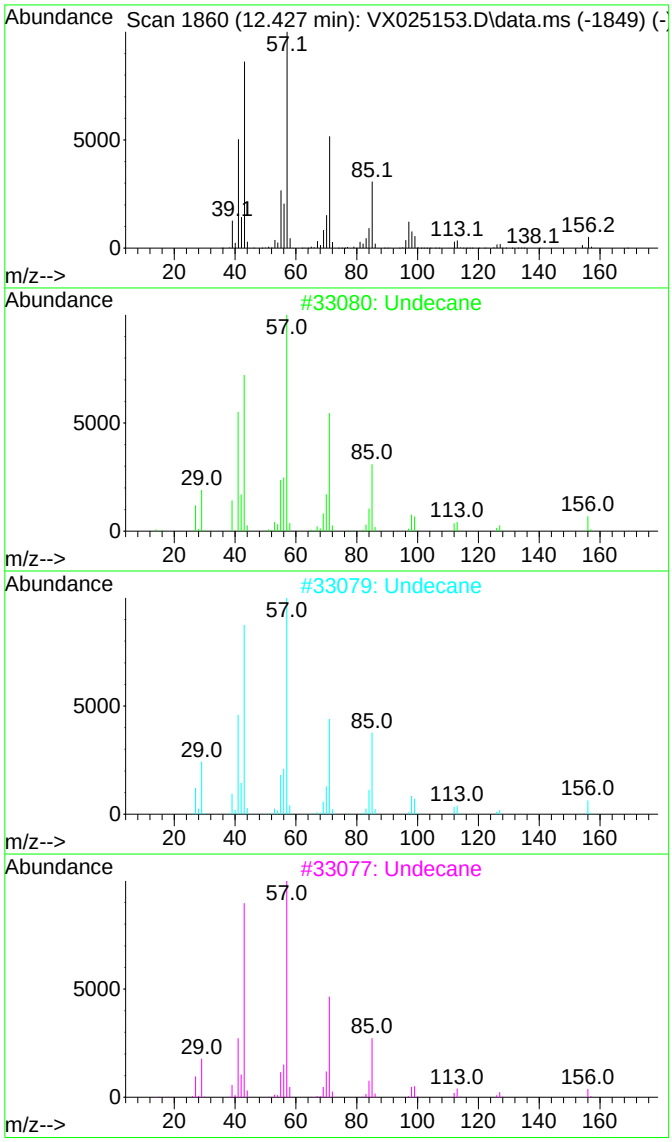
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

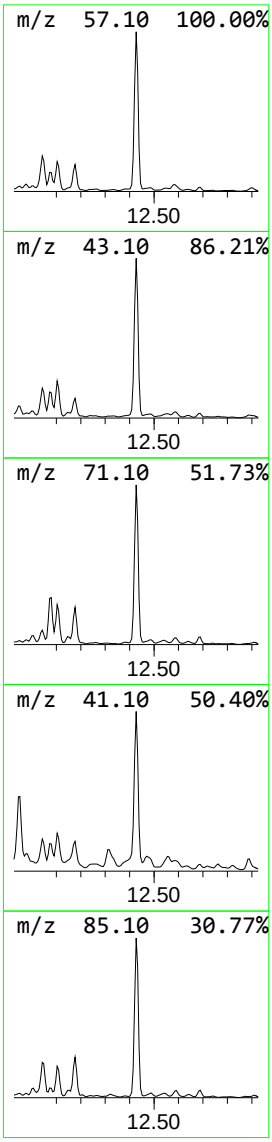
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	217.78 ug/L	5531720	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	96
2	Undecane	156	C11H24	001120-21-4	93
3	Undecane	156	C11H24	001120-21-4	93
4	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	90
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

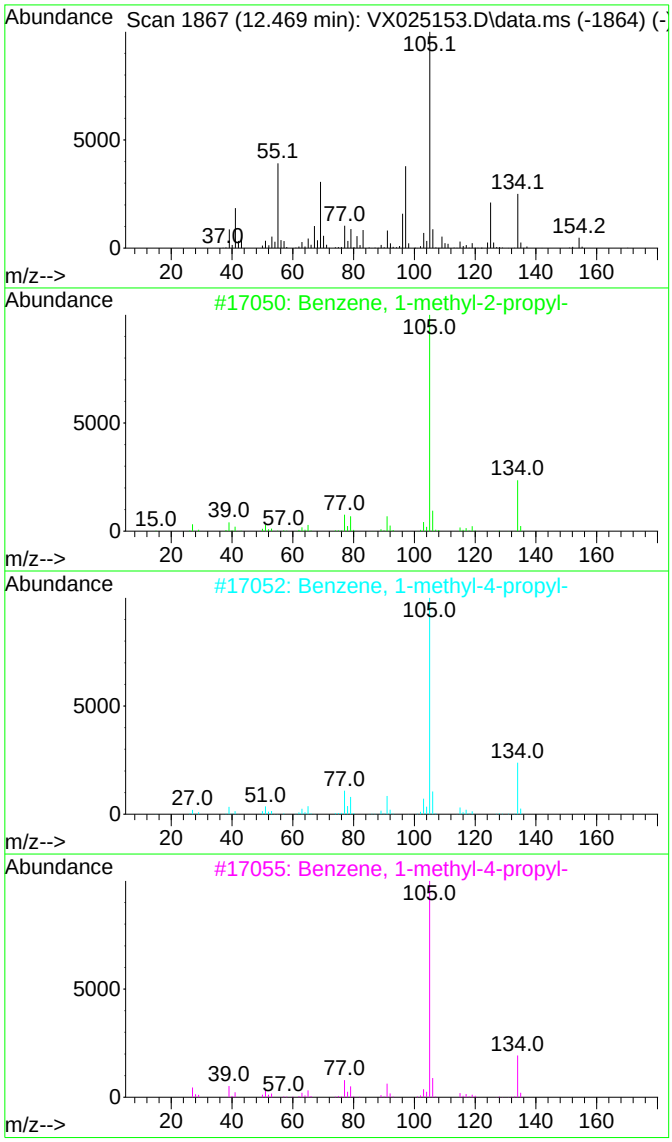
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

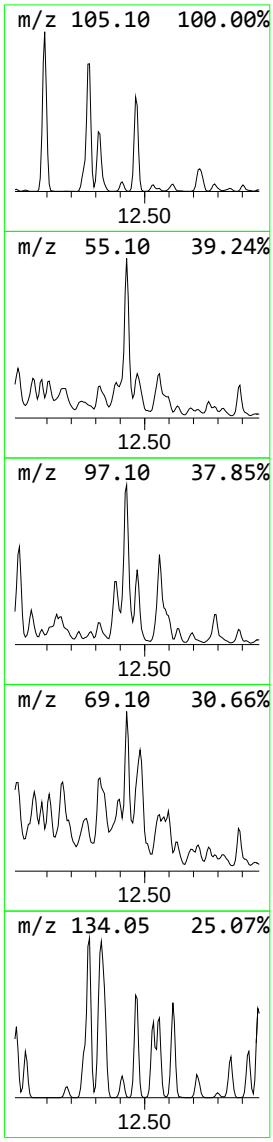
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Benzene, 1-methyl-2-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	42.36 ug/L	1076020	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

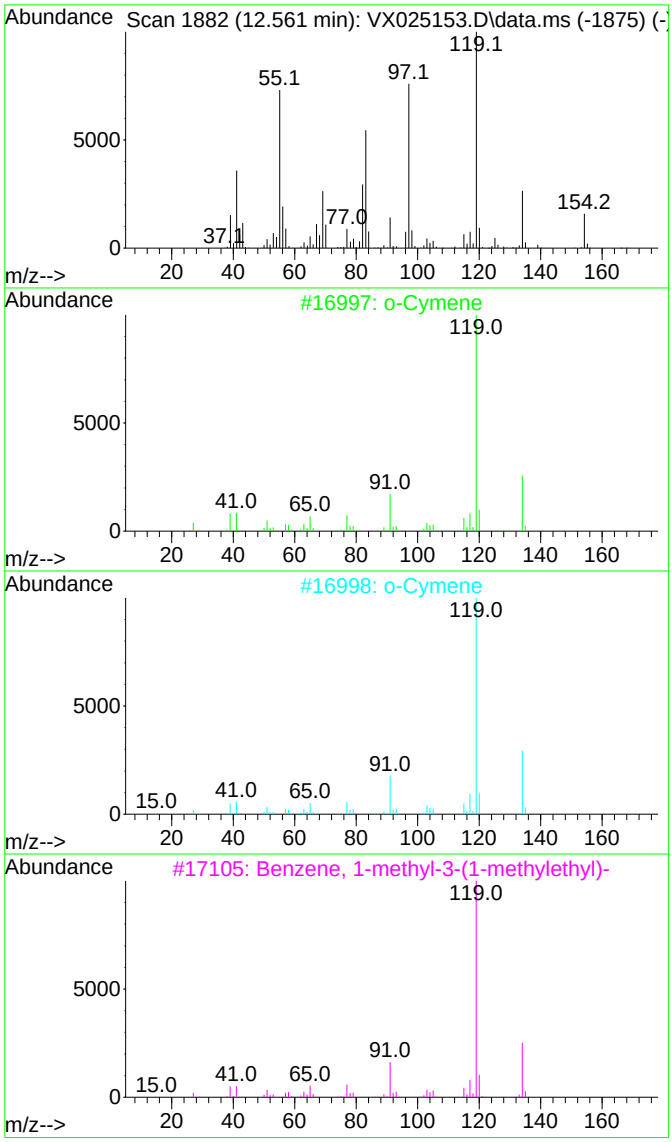
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

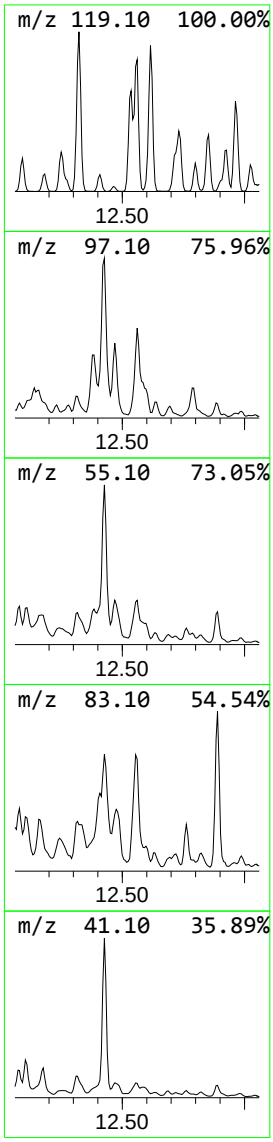
****

Peak Number 42 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.561	41.36 ug/L	1050610	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	83
2	o-Cymene	134	C10H14	000527-84-4	83
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	83
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	80
5	o-Cymene	134	C10H14	000527-84-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

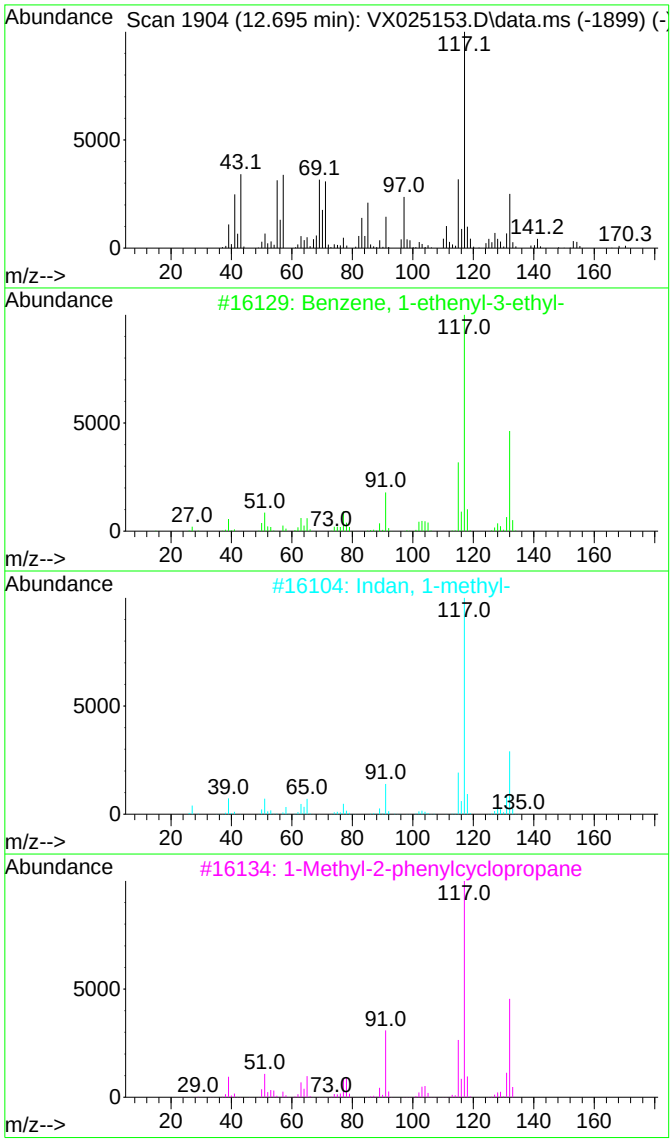
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

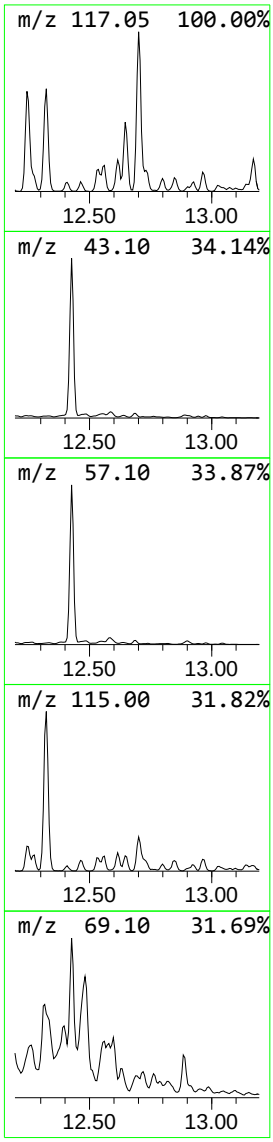
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	12.70 ug/L	322598	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	60
2	Indan, 1-methyl-	132	C10H12	000767-58-8	55
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	53
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	53
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

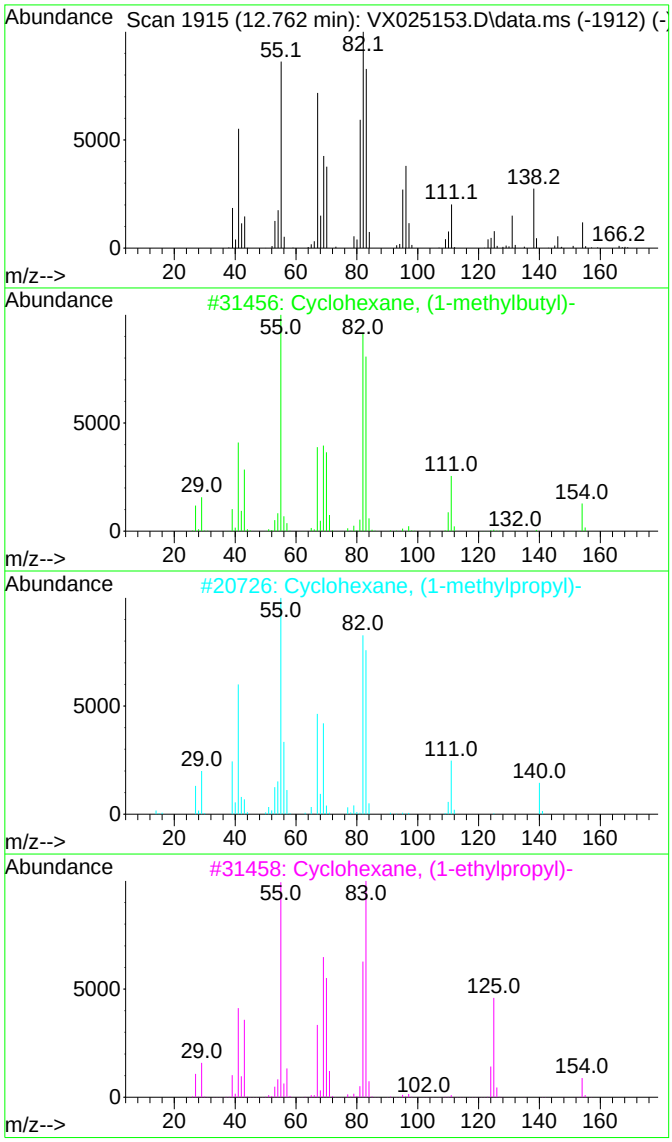
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

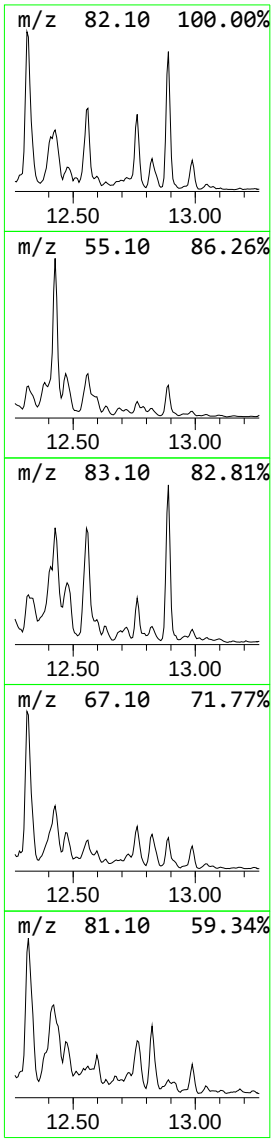
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Cyclic12.762 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.762	4.88 ug/L	123975	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	64
2	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	47
3	Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	38
4	Tropinone	139	C8H13NO	000532-24-1	35
5	1,11-Dodecadiene	166	C12H22	005876-87-9	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

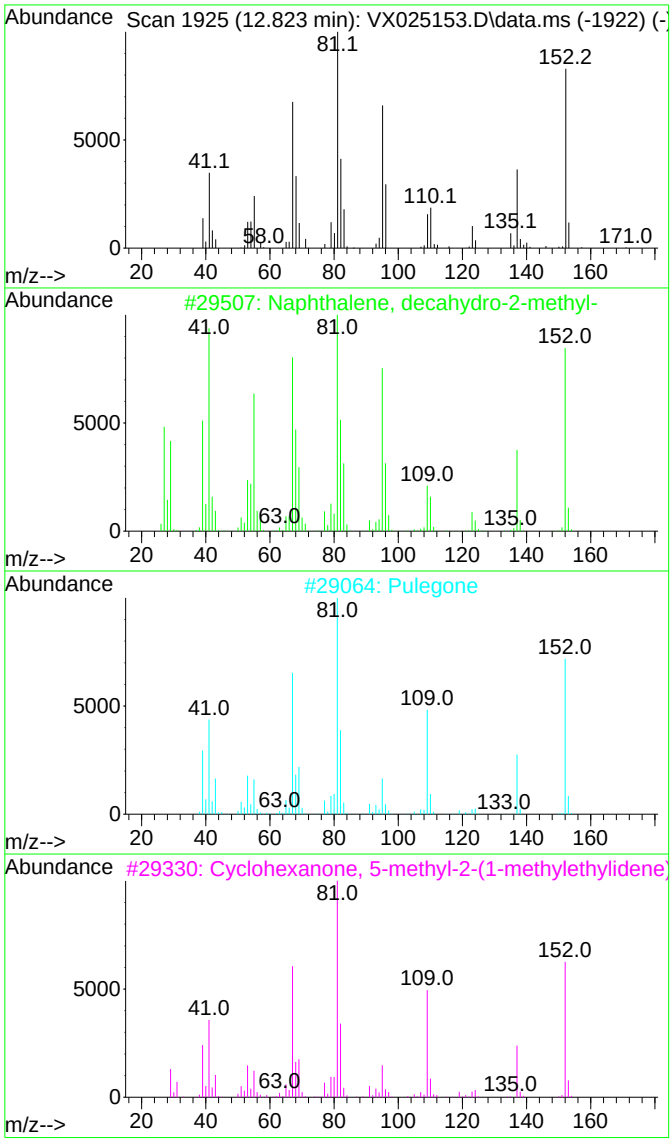
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

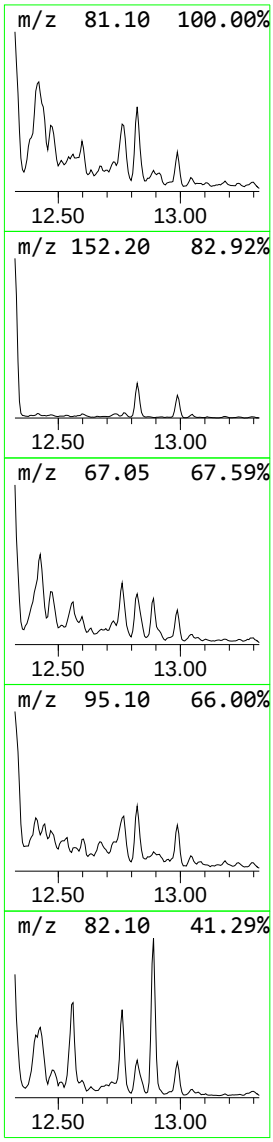
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Naphthalene, decahydro-2-me... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.823	4.18 ug/L	106090	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	Pulegone	152	C10H16O	000089-82-7	83
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	80
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	80
5	Pulegone	152	C10H16O	000089-82-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

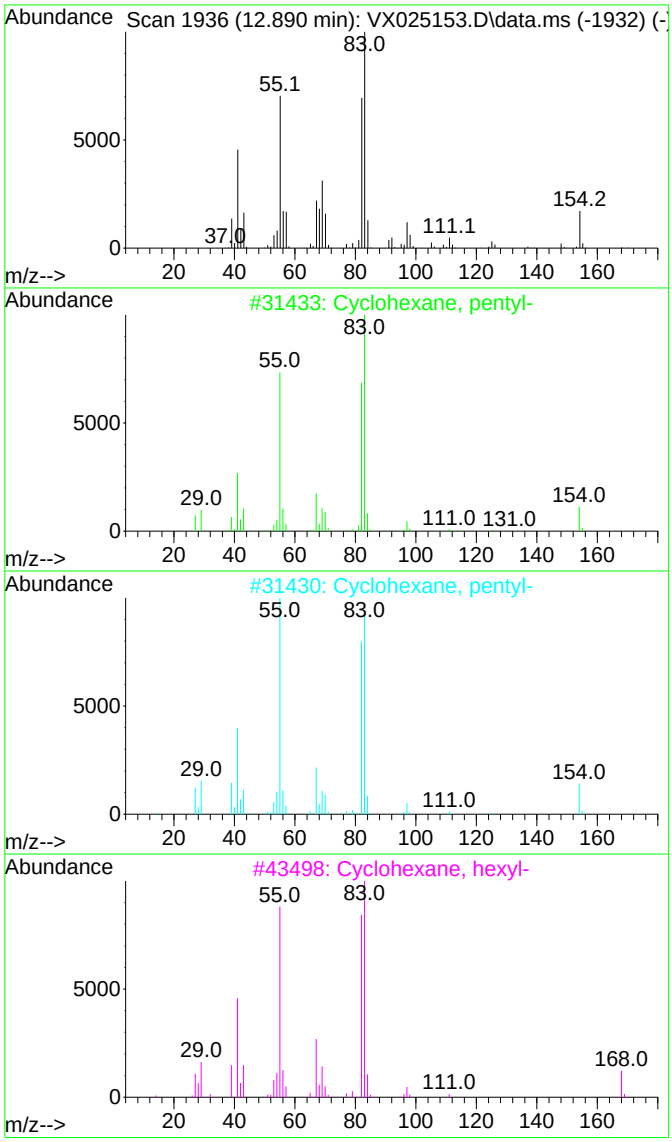
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

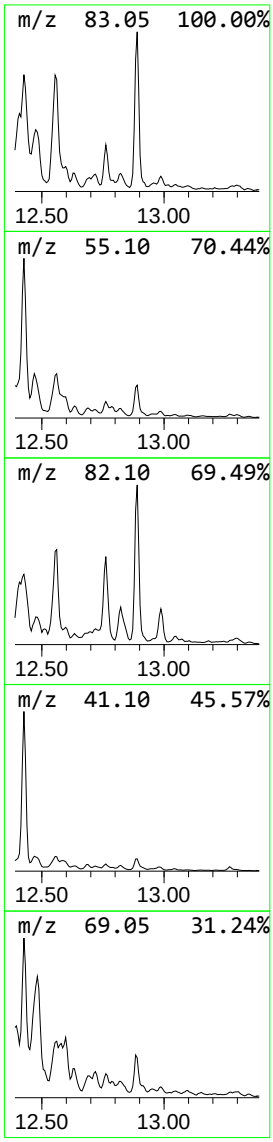
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic12.890 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	19.97 ug/L	507146	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	86
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

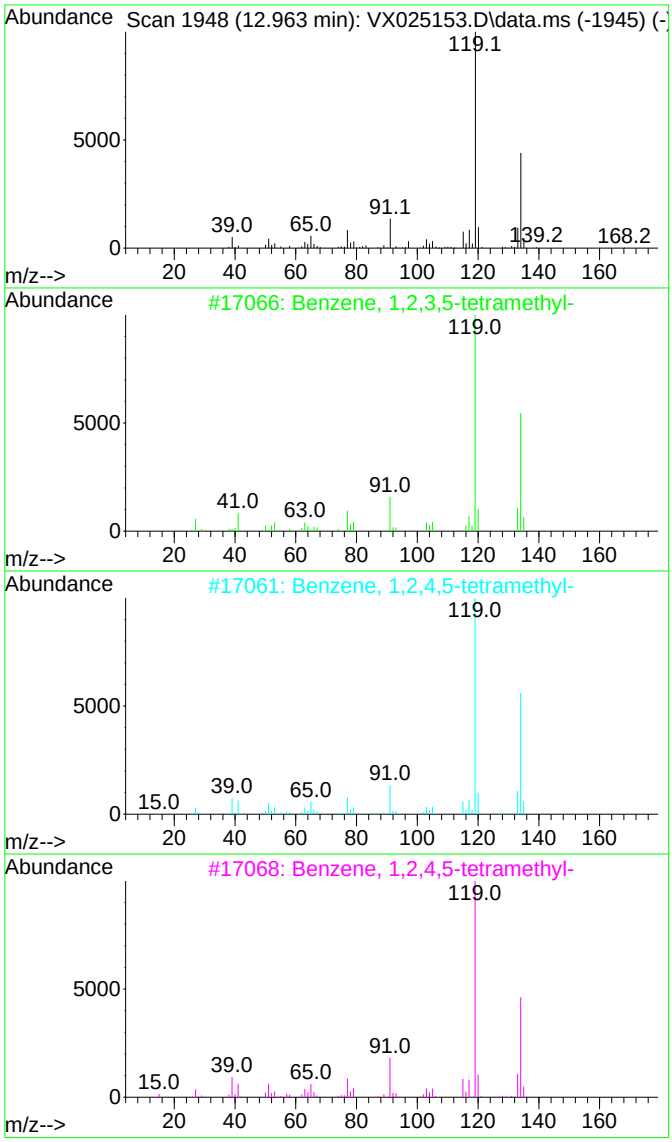
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

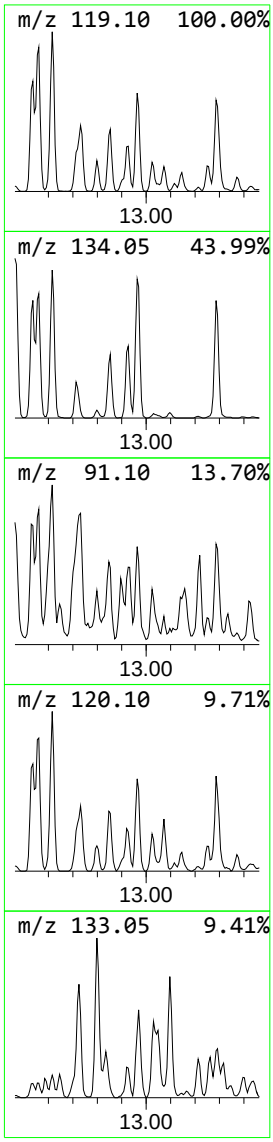
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	15.38 ug/L	390726	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

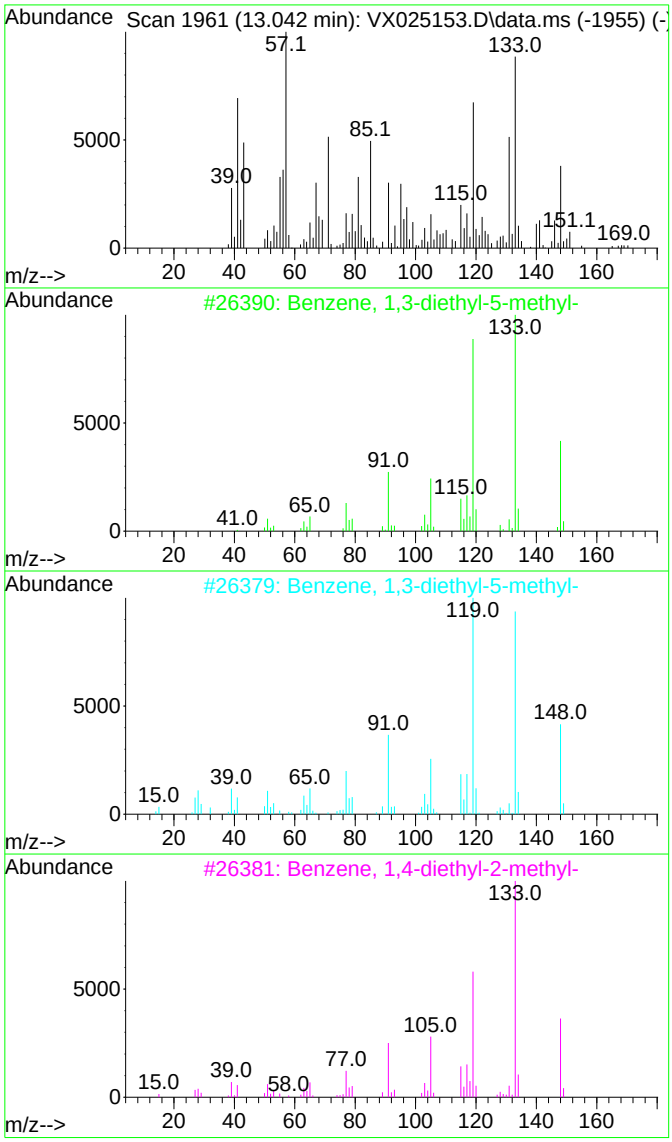
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

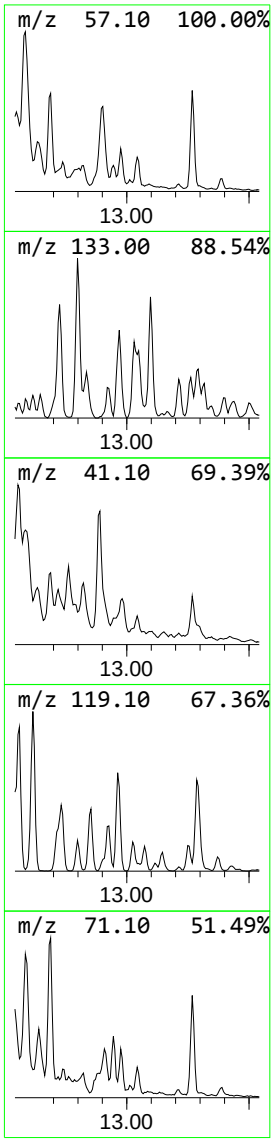
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.042	5.48 ug/L	139243	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	83
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	41
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	35
5	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

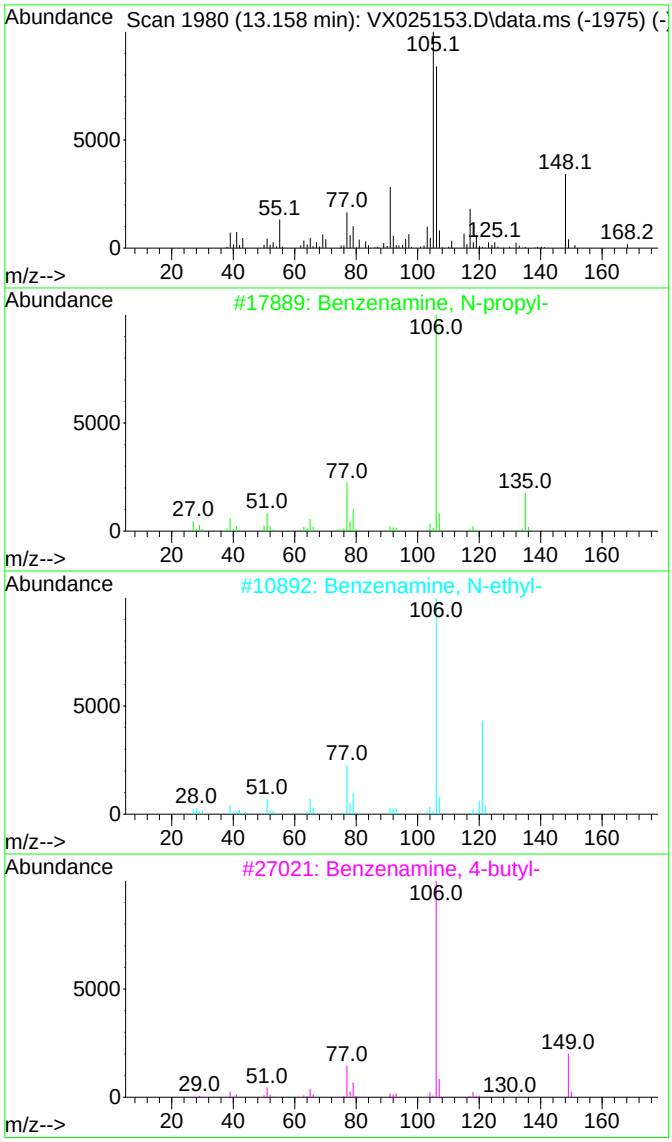
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

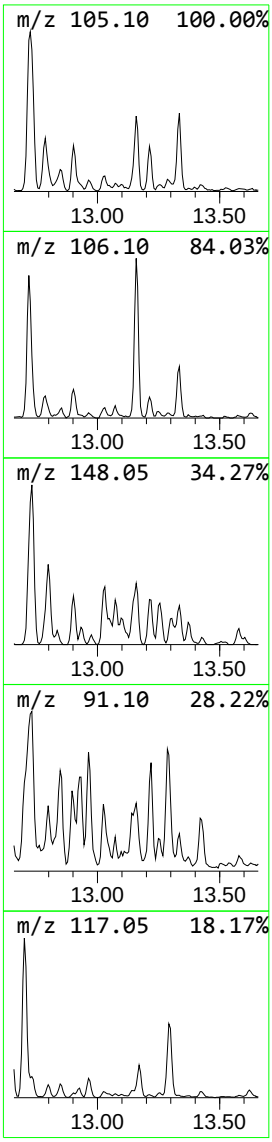
****

Peak Number 49 unknown-02 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.158	5.05 ug/L	128210	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N-propyl-	135	C9H13N	000622-80-0	43
2	Benzenamine, N-ethyl-	121	C8H11N	000103-69-5	43
3	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	43
4	Benzenamine, N-butyl-	149	C10H15N	001126-78-9	43
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

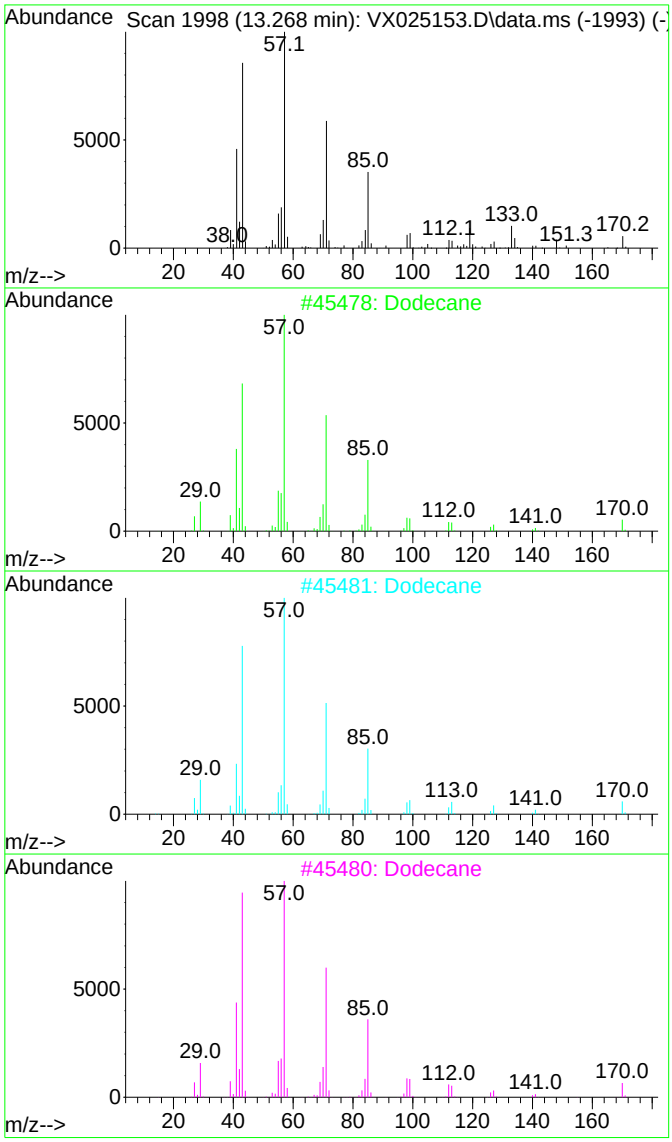
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

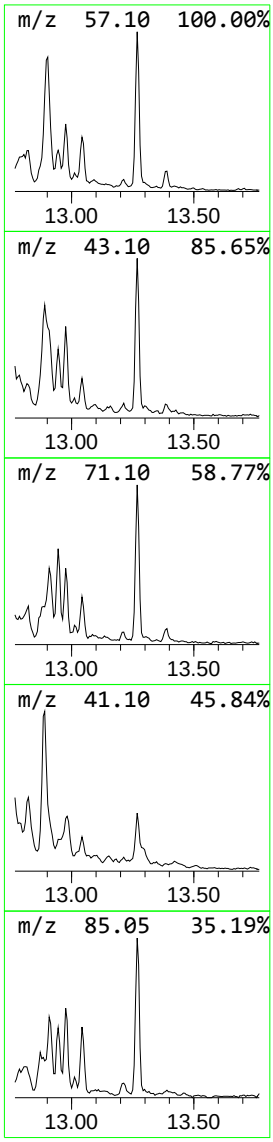
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	6.01 ug/L	152552	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	89
3	Dodecane	170	C12H26	000112-40-3	64
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	58
5	Tetradecane	198	C14H30	000629-59-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

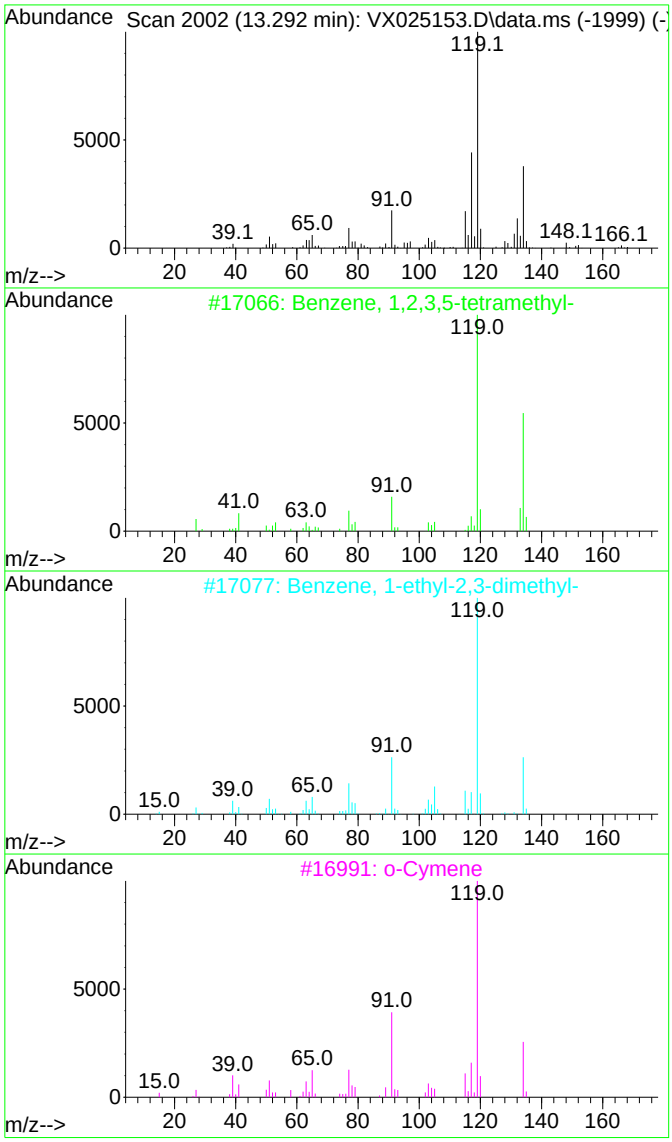
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

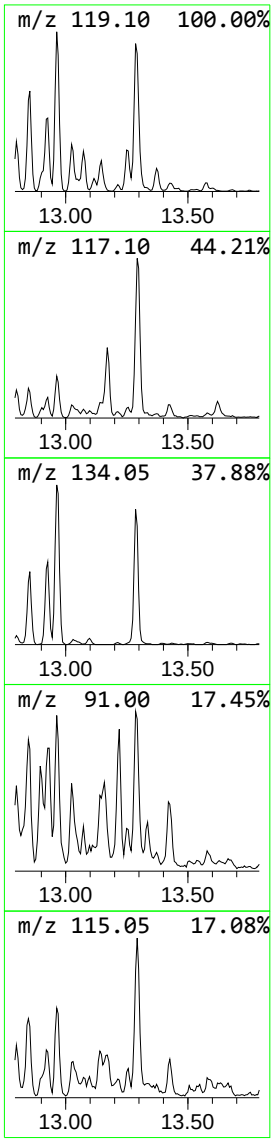
****

Peak Number 51 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	11.17 ug/L	283627	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
3	o-Cymene	134	C10H14	000527-84-4	62
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58
5	o-Cymene	134	C10H14	000527-84-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

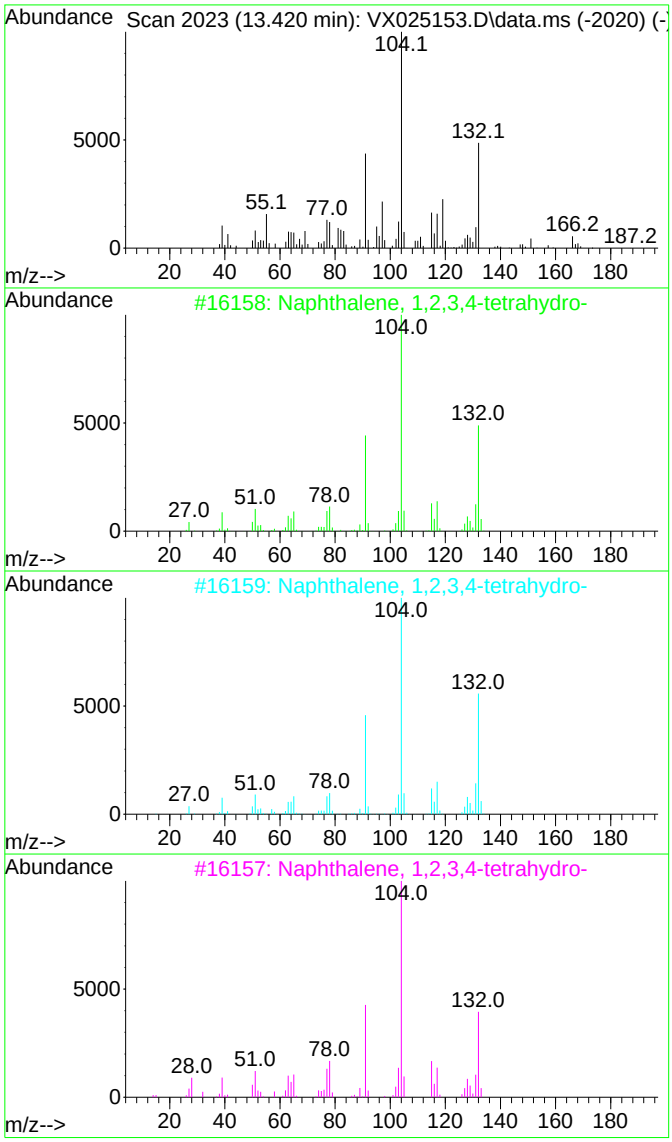
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

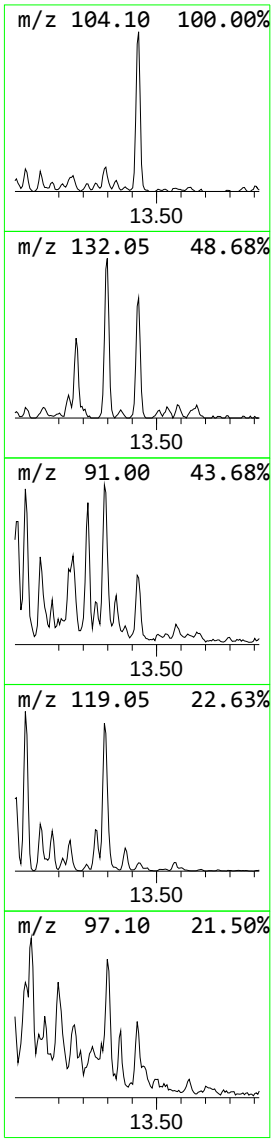
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	4.41 ug/L	112101	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

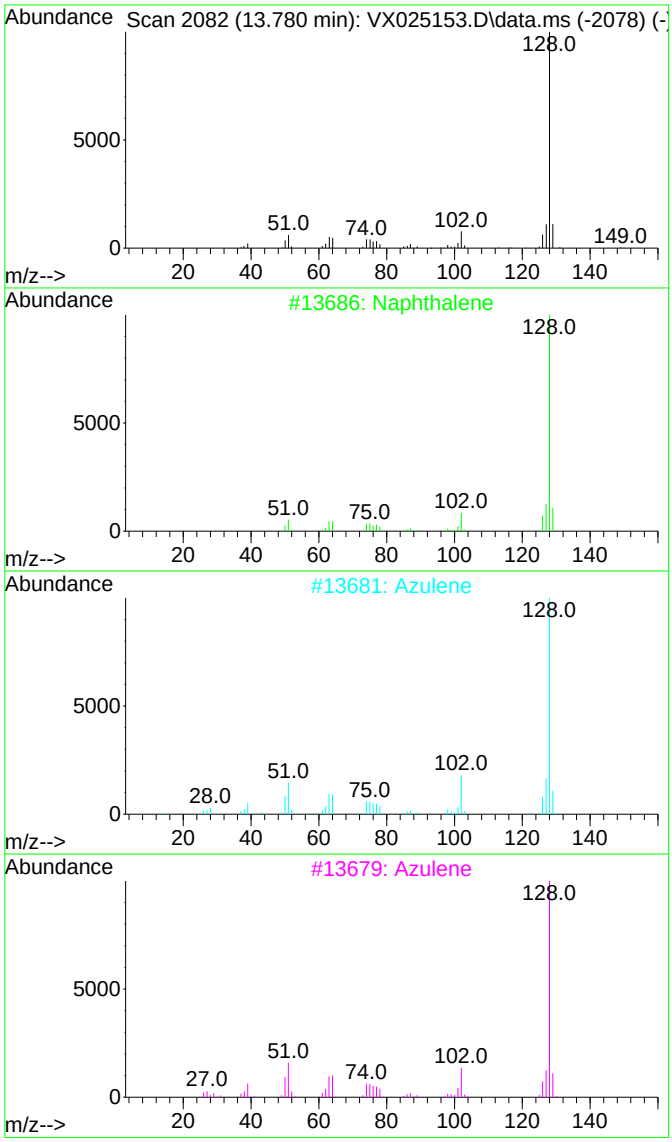
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

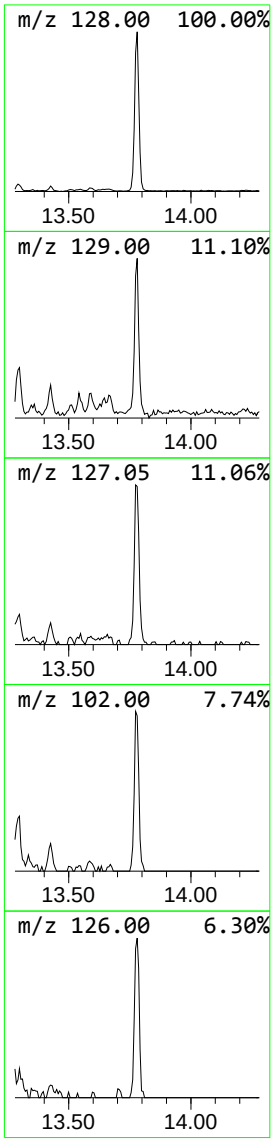
****

Peak Number 53 Azulene Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	3.39 ug/L	86084	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Azulene	128	C10H8	000275-51-4	91
3	Azulene	128	C10H8	000275-51-4	90
4	Naphthalene	128	C10H8	000091-20-3	90
5	Azulene	128	C10H8	000275-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025153.D
Acq On : 12 Nov 2021 14:47
Operator : JC/MD
Sample : M4615-04 10X
Misc : 3.80g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.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
2-Propanol, 2-m...	3.026	19.2	ug/L	181601	1	6.763	473131	50.0
(DEL) Alkane: S...	7.098	14.5	ug/L	137470	1	6.763	473131	50.0
Acetic acid, 1,...	7.440	2980.9	ug/L	28207000	1	6.763	473131	50.0
(DEL) Alkane: S...	7.501	15.6	ug/L	147296	1	6.763	473131	50.0
(DEL) Alkane: S...	8.275	2.8	ug/L	26238	1	6.763	473131	50.0
(DEL) Alkane: C...	9.104	6.1	ug/L	67467	2	10.055	557015	50.0
(DEL) Alkane: C...	9.506	41.0	ug/L	456828	2	10.055	557015	50.0
(DEL) Alkane: C...	9.567	18.2	ug/L	202268	2	10.055	557015	50.0
(DEL) Alkane: C...	9.622	17.4	ug/L	194164	2	10.055	557015	50.0
(DEL) Alkane: C...	9.762	5.3	ug/L	59349	2	10.055	557015	50.0
(DEL) Alkane: C...	9.836	73.0	ug/L	812762	2	10.055	557015	50.0
(DEL) Alkane: S...	9.909	43.1	ug/L	480055	2	10.055	557015	50.0
Pentalene, octa...	10.122	5.3	ug/L	58446	2	10.055	557015	50.0
(DEL) Alkane: S...	10.366	244.5	ug/L	2723600	2	10.055	557015	50.0
(DEL) Alkane: C...	10.457	16.5	ug/L	184078	2	10.055	557015	50.0
(DEL) Alkane: S...	10.537	3.9	ug/L	42837	2	10.055	557015	50.0
(DEL) Alkane: C...	10.592	166.1	ug/L	1849840	2	10.055	557015	50.0
(DEL) Alkane: S...	10.787	193.7	ug/L	2157890	2	10.055	557015	50.0
(DEL) Alkane: C...	10.860	231.2	ug/L	2575740	2	10.055	557015	50.0
(DEL) Alkane: S...	10.896	79.6	ug/L	887207	2	10.055	557015	50.0
unknown-01	11.037	38.3	ug/L	426512	2	10.055	557015	50.0
(DEL) Alkane: S...	11.085	74.7	ug/L	1898030	3	12.024	1270020	50.0
1-Iodo-2-methyl...	11.110	51.6	ug/L	1310320	3	12.024	1270020	50.0
Benzene, propyl-	11.305	7.2	ug/L	183578	3	12.024	1270020	50.0
(DEL) Alkane: C...	11.347	32.7	ug/L	829814	3	12.024	1270020	50.0
Benzene, 1-ethy...	11.384	49.5	ug/L	1256450	3	12.024	1270020	50.0
(DEL) Alkane: C...	11.530	12.3	ug/L	311484	3	12.024	1270020	50.0
(DEL) Alkane: C...	11.579	13.5	ug/L	343838	3	12.024	1270020	50.0
Benzene, 1-ethy...	11.610	40.9	ug/L	1038470	3	12.024	1270020	50.0
(DEL) Alkane: C...	11.689	24.2	ug/L	613790	3	12.024	1270020	50.0
(DEL) Alkane: S...	11.841	21.4	ug/L	543618	3	12.024	1270020	50.0
(DEL) Alkane: C...	11.866	10.3	ug/L	261021	3	12.024	1270020	50.0
(DEL) Alkane: S...	11.896	48.2	ug/L	1223280	3	12.024	1270020	50.0
(DEL) Alkane: C...	11.951	100.9	ug/L	2563070	3	12.024	1270020	50.0
(DEL) Alkane: S...	12.079	39.5	ug/L	1002820	3	12.024	1270020	50.0
(DEL) Alkane: S...	12.177	44.8	ug/L	1138500	3	12.024	1270020	50.0
Benzene, 1,2-di...	12.250	17.8	ug/L	452247	3	12.024	1270020	50.0
Benzene, 1-meth...	12.268	21.1	ug/L	536279	3	12.024	1270020	50.0
(DEL) Alkane: S...	12.427	217.8	ug/L	5531720	3	12.024	1270020	50.0
Benzene, 1-meth...	12.469	42.4	ug/L	1076020	3	12.024	1270020	50.0
o-Cymene	12.561	41.4	ug/L	1050610	3	12.024	1270020	50.0
Benzene, 1-ethe...	12.695	12.7	ug/L	322598	3	12.024	1270020	50.0
(DEL) Alkane: C...	12.762	4.9	ug/L	123975	3	12.024	1270020	50.0
Naphthalene, de...	12.823	4.2	ug/L	106090	3	12.024	1270020	50.0
(DEL) Alkane: C...	12.890	20.0	ug/L	507146	3	12.024	1270020	50.0
Benzene, 1,2,3,...	12.963	15.4	ug/L	390726	3	12.024	1270020	50.0
Benzene, 1,3-di...	13.042	5.5	ug/L	139243	3	12.024	1270020	50.0
unknown-02	13.158	5.0	ug/L	128210	3	12.024	1270020	50.0
(DEL) Alkane: S...	13.268	6.0	ug/L	152552	3	12.024	1270020	50.0
Benzene, 1-ethy...	13.292	11.2	ug/L	283627	3	12.024	1270020	50.0
Naphthalene, 1,...	13.420	4.4	ug/L	112101	3	12.024	1270020	50.0
Azulene	13.780	3.4	ug/L	86084	3	12.024	1270020	50.0

Instrument :
MSVOA_X
ClientSampleId :
C0V03