LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

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: VX025146.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.294	30	34	37	rBV4	2127	3985	0.04%	0.006%
2	1.368	41	46	54	rVB	90315	118024	1.21%	0.180%
3	1.666	77	95	102	rBV	49979	117865	1.21%	0.180%
4	2.282	190	196	207	rBV	144326	247386	2.55%	0.378%
5	2.416	214	218	240	rVB2	9301	35860	0.37%	0.055%
6	2.721	262	268	275	rBV	10864	24727	0.25%	0.038%
7	3.209	313	348	371	rVV	166619	971435	10.00%	1.484%
8	4.495	545	559	585	rBV	26935	154072	1.59%	0.235%
9	4.727	592	597	598	rBV4	3217	4323	0.04%	0.007%
10	5.062	640	652	670	rBV	82965	288857	2.97%	0.441%
11	5.970	789	801	820	rBV2	252924	737999	7.60%	1.127%
12	6.598	898	904	915	rVB5	1640	4585	0.05%	0.007%
13	6.763	921	931	947	rBV	180445	455707	4.69%	0.696%
14	7.092	975	985	998	rBV3	18368	52688	0.54%	0.080%
15	7.312	1012	1021	1029	rBV	144424	331725	3.41%	0.507%
16	7.434	1032	1041	1060	rVB	1589621	4445232	45.75%	6.790%
17	7.769	1089	1096	1103	rVB6	2081	4568	0.05%	0.007%
18	7.952	1119	1126	1137	rBV7	3232	9331	0.10%	0.014%
19	8.183	1158	1164	1168	rBV3	2002	4291	0.04%	0.007%
20	8.275	1174	1179	1182	rBV	11588	18570	0.19%	0.028%
21	8.330	1182	1188	1200	rVB	107721	201323	2.07%	0.308%
22	8.433	1200	1205	1214	rBV	9073	16534	0.17%	0.025%
23	8.598	1225	1232	1235	rBV	42546	71781	0.74%	0.110%
24	8.653	1235	1241	1248	rVV	387153	654819	6.74%	1.000%
25	8.720	1248	1252	1256	rVV	11127	17580	0.18%	0.027%
26	8.775	1256	1261	1265	rVV3	7039	11986	0.12%	0.018%
27	8.817	1265	1268	1269	rVV	2641	3008	0.03%	0.005%
28	8.848	1270	1273	1278	rVB2	7133	10537	0.11%	0.016%
29	8.909	1278	1283	1287	rBV	72385	105688	1.09%	0.161%
30	8.958	1287	1291	1305	rVB2	80585	188217	1.94%	0.287%
31	9.098	1306	1314	1321	rBV	24767	42006	0.43%	0.064%
32	9.202	1327	1331	1333	rBV3	2738	3809	0.04%	0.006%
33	9.293	1339	1346	1352	rVB2	11240	18668	0.19%	0.029%
34	9.409	1352	1365	1375	rBV2	191771	426955	4.39%	0.652%
35	9.506	1375	1381	1386	rBV3	195849	317650	3.27%	0.485%
36	9.561	1386	1390	1395	rVB	91106	130341	1.34%	0.199%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
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Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

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	9.622	1395	1400	1404	rBV	80833	132004	1.36%	0.202%
38	9.762	1417	1423	1427	rVB2	25657	40167	0.41%	0.061%
39	9.836	1427	1435	1439	rBV2	333232	552186	5.68%	0.843%
40	9.903	1439	1446	1451	rVB3	175460	343637	3.54%	0.525%
41	9.945	1451	1453	1457	rVB2	6241	7064	0.07%	0.011%
42	10.012	1457	1464	1467	rBV	166298	242272	2.49%	0.370%
43	10.061	1467	1472	1477	rVB	349957	516458	5.32%	0.789%
44	10.116	1477	1481	1487	rVB5	20114	39179	0.40%	0.060%
45	10.183	1487	1492	1497	rBV3	202877	383656	3.95%	0.586%
46	10.238	1497	1501	1505	rBV	395214	562255	5.79%	0.859%
47	10.274	1505	1507	1510	rVV2	185970	250988	2.58%	0.383%
48	10.317	1510	1514	1517	rVV2	382914	543565	5.59%	0.830%
49	10.360	1517	1521	1532	rVB	1440615	1899260	19.55%	2.901%
50	10.457	1532	1537	1543	rBV2	86823	130622	1.34%	0.200%
51	10.537	1546	1550	1551	rBV	29803	34412	0.35%	0.053%
52	10.592	1551	1559	1563	rBV	742260	1311156	13.49%	2.003%
53	10.671	1566	1572	1576	rBV3	151497	226112	2.33%	0.345%
54	10.781	1582	1590	1594	rBV2	1001372	1572335	16.18%	2.402%
55	10.860	1594	1603	1607	rBV3	1029551	1842303	18.96%	2.814%
56	10.896	1607	1609	1614	rVB	534723	637426	6.56%	0.974%
57	10.951	1614	1618	1623	rVB2	334561	506003	5.21%	0.773%
58	11.006	1623	1627	1628	rBV2	201333	247894	2.55%	0.379%
59	11.030	1628	1631	1635	rVB	286431	318796	3.28%	0.487%
60	11.085	1635	1640	1642	rBV2	901750	1284762	13.22%	1.962%
61	11.110	1642	1644	1651	rVB	938879	1174719	12.09%	1.794%
62	11.195	1651	1658	1661	rBV2	1275801	2030748	20.90%	3.102%
63	11.311	1674	1677	1678	rBV	77709	89563	0.92%	0.137%
64	11.341	1678	1682	1686	rVV2	382390	616922	6.35%	0.942%
65	11.390	1686	1690	1693	rVV4	523588	773357	7.96%	1.181%
66	11.433	1693	1697	1701	rVV	1444046	2013649	20.72%	3.076%
67	11.482	1701	1705	1710	rVB	8204960	9716488	100.00%	14.841%
68	11.530	1710	1713	1716	rVB3	178220	216004	2.22%	0.330%
69	11.573	1717	1720	1723	rBV3	180518	252294	2.60%	0.385%
70	11.610	1723	1726	1728	rBV2	381292	551328	5.67%	0.842%
71	11.689	1735	1739	1741	rBV3	393186	526072	5.41%	0.804%
72	11.719	1741	1744	1747	rVV	1880265	2093297	21.54%	3.197%
73	11.756	1747	1750	1760	rVB3	921698	2117852	21.80%	3.235%
74	11.841	1760	1764	1766	rBV3	317903	473853	4.88%	0.724%
75	11.866	1766	1768	1770	rVV	169515	199822	2.06%	0.305%
76	11.896	1770	1773	1778	rVB3	621519	919468	9.46%	1.404%

LSC Area Percent Report

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Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

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

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Peak separation: 5

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

77	11.951	1778	1782	1785	rBV	1536320	1897083	19.52%	2.898%
78	12.042	1791	1797	1800	rBV2	709758	1233701	12.70%	1.884%
79	12.079	1800	1803	1805	rVV	603368	803683	8.27%	1.228%
80	12.103	1805	1807	1811	rVB2	846122	892690	9.19%	1.364%
81	12.177	1816	1819	1826	rVB3	738533	1040130	10.70%	1.589%
82	12.268	1826	1834	1838	rBV3	294041	722125	7.43%	1.103%
83	12.323	1838	1843	1849	rVB3	1078226	1909847	19.66%	2.917%
84	12.427	1849	1860	1864	rBV	4570791	5745610	59.13%	8.776%
85	12.469	1864	1867	1873	rVB3	495090	845200	8.70%	1.291%
86	12.561	1875	1882	1884	rBV2	392689	751594	7.74%	1.148%
87	12.689	1899	1903	1906	rBV3	186923	292452	3.01%	0.447%
88	12.762	1913	1915	1918	rVV2	96530	100421	1.03%	0.153%
89	12.823	1922	1925	1932	rVB6	158644	265115	2.73%	0.405%
90	12.890	1932	1936	1943	rBV4	331489	532196	5.48%	0.813%
91	12.975	1946	1950	1955	rVB3	135778	287185	2.96%	0.439%
92	13.158	1975	1980	1986	rVB6	40462	78026	0.80%	0.119%
93	13.213	1986	1989	1992	rVB3	26557	29153	0.30%	0.045%
94	13.268	1993	1998	2000	rBV	171206	221777	2.28%	0.339%
95	13.426	2020	2024	2033	rVB3	44385	90414	0.93%	0.138%
96	13.506	2034	2037	2041	rBV5	10734	13939	0.14%	0.021%
97	13.585	2046	2050	2055	rBV3	12202	19431	0.20%	0.030%
98	13.670	2061	2064	2068	rVB3	4957	7406	0.08%	0.011%
99	13.780	2078	2082	2088	rVB	27809	43535	0.45%	0.066%
100	14.036	2122	2124	2127	rVB3	3302	3658	0.04%	0.006%

Sum of corrected areas: 65468451

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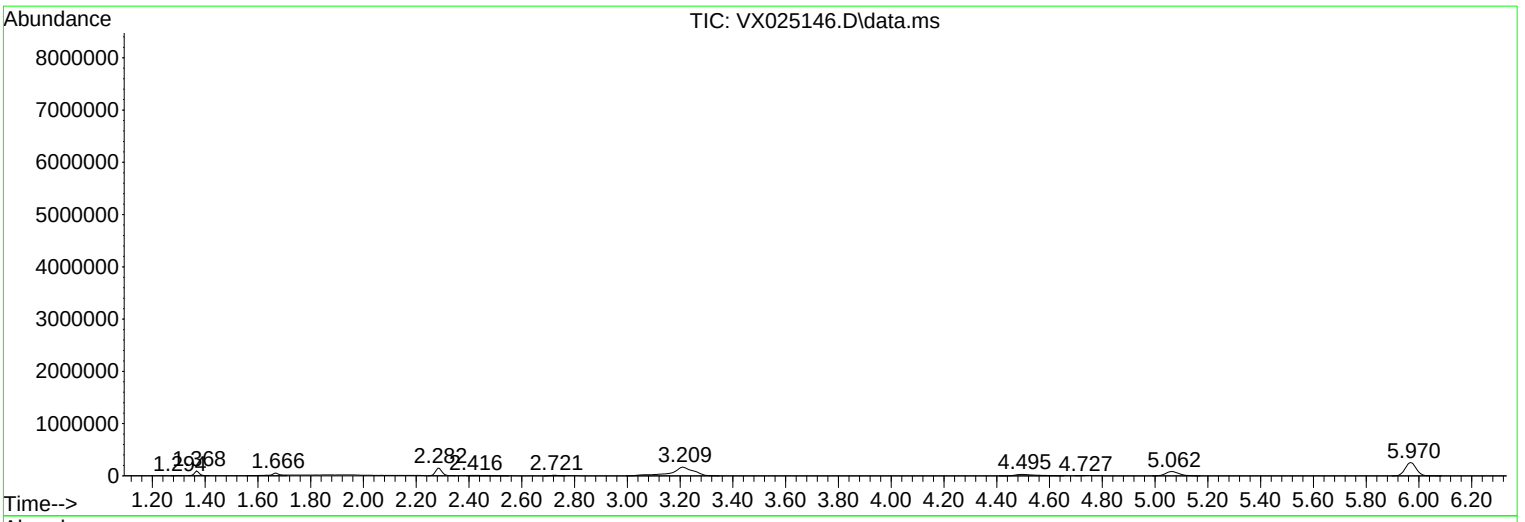
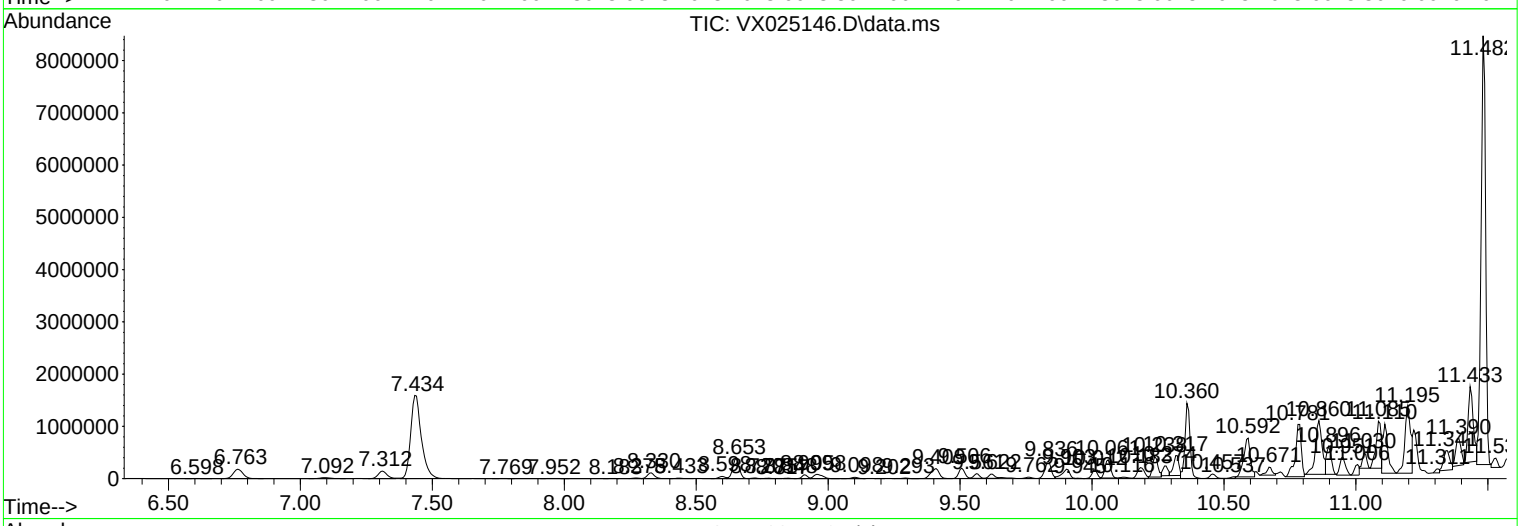
ALS Vial : 7 Sample Multiplier: 1

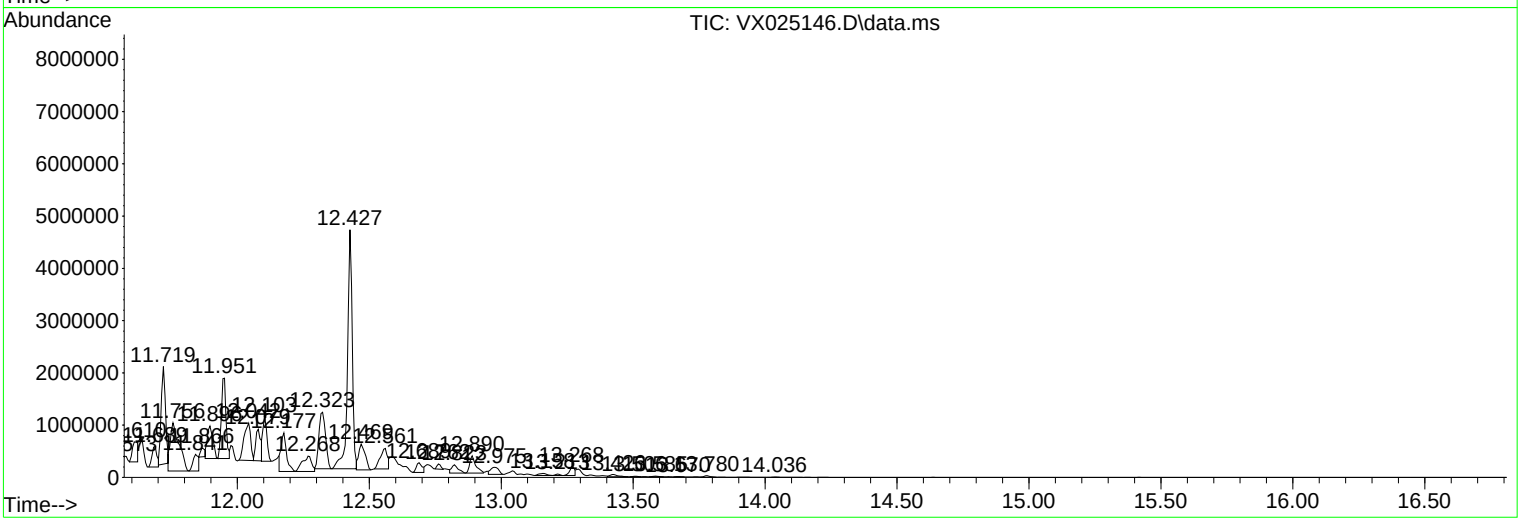
Instrument :
MSVOA_X
ClientSampleId :
C0V01

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 : VX025146.D
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

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

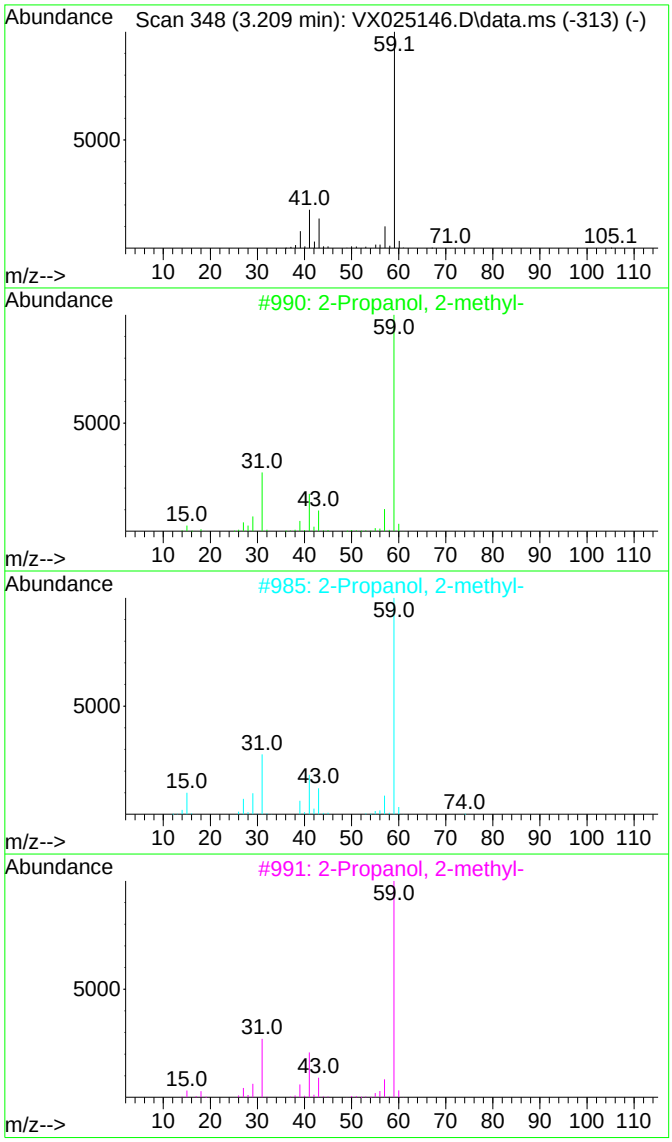
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

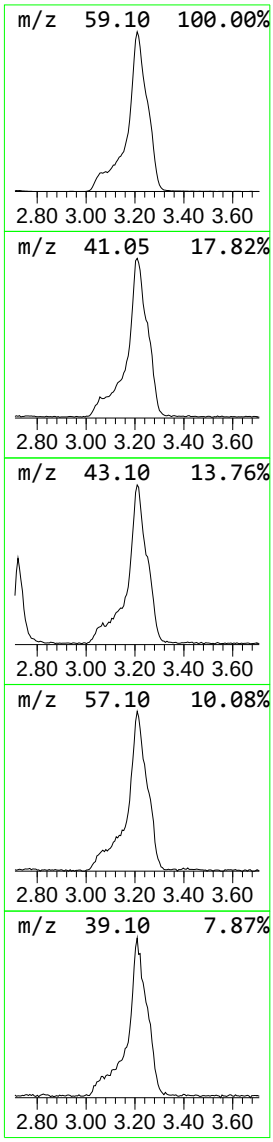
****

Peak Number 1 2-Propanol, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.209	106.58 ug/L	971435	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	74
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	56
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	40





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

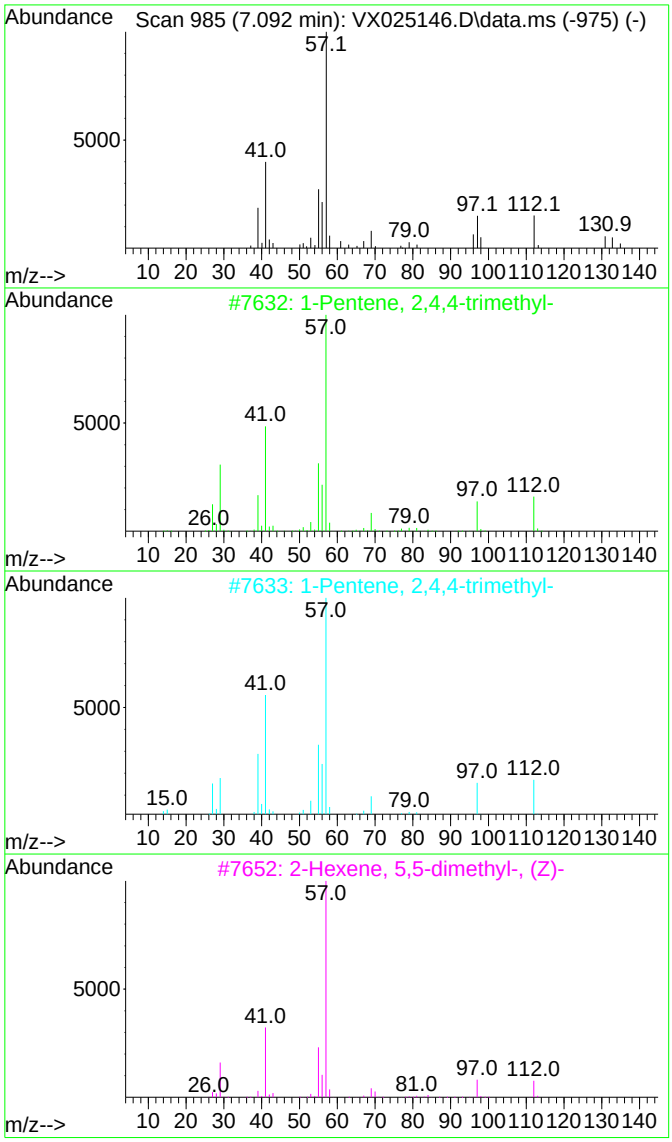
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

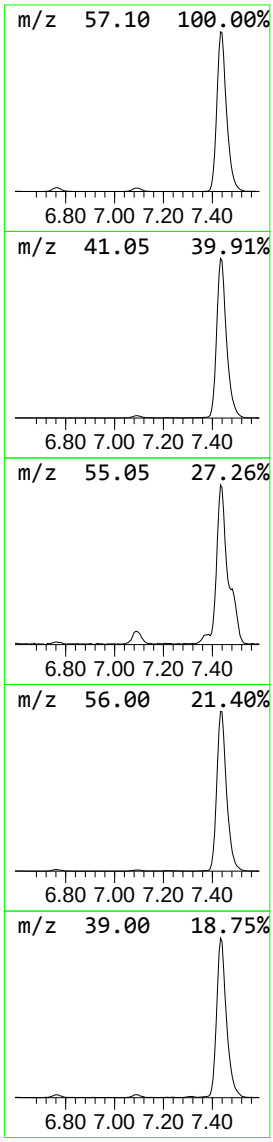
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.092	5.78 ug/L	52688	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	70
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	60
3	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	49
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	43
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

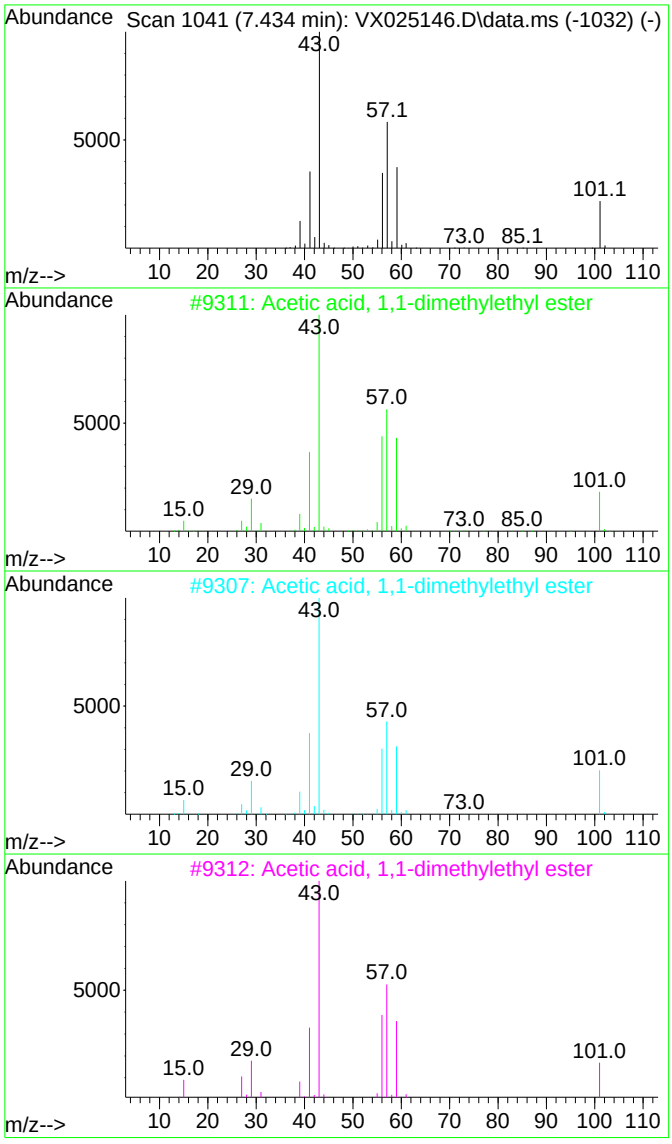
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

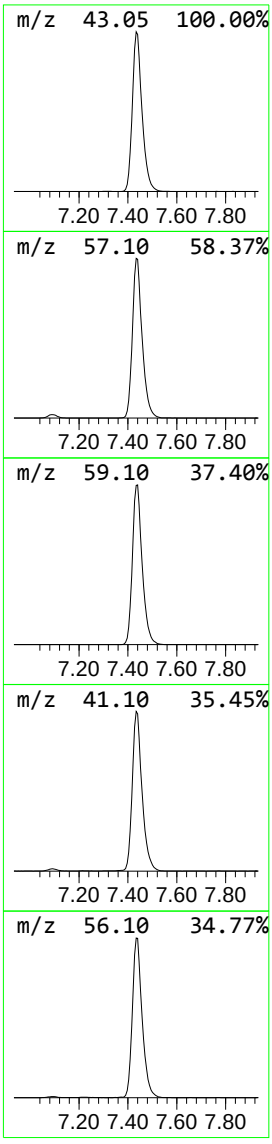
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.434	487.73 ug/L	4445230	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





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Instrument :
MSVOA_X
ClientSampleId :
C0V01

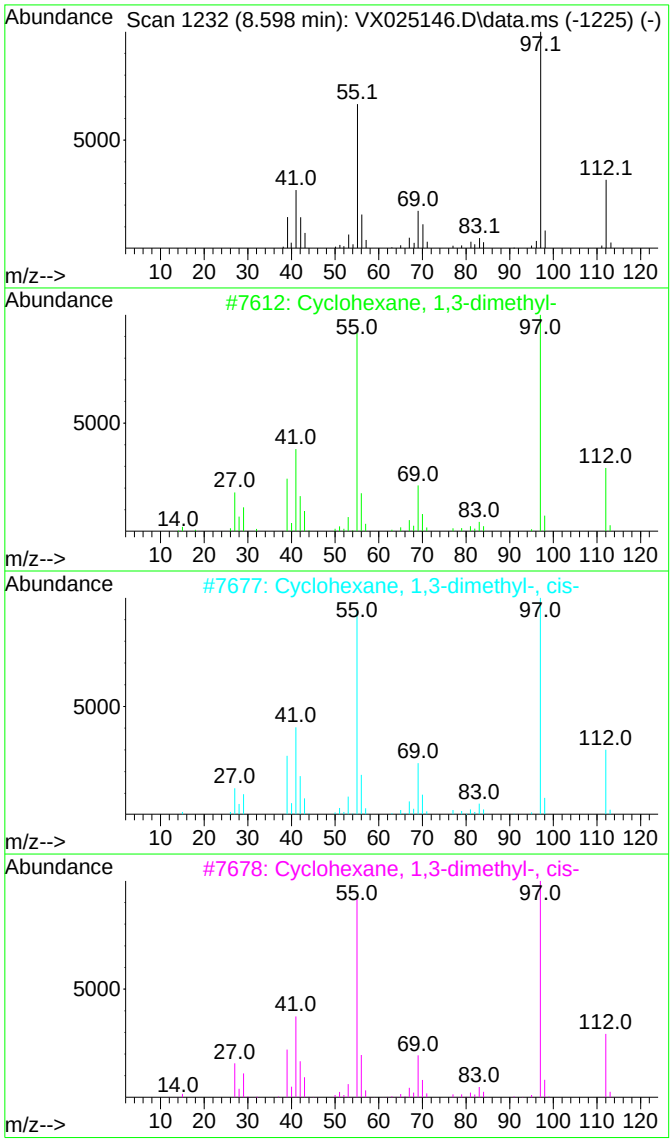
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

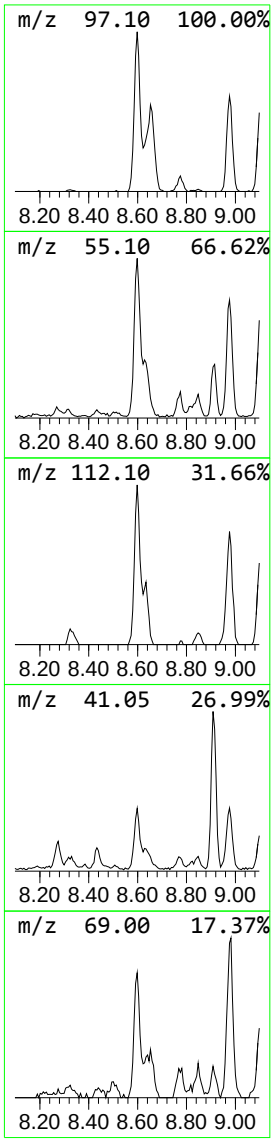
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic-8.598 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	6.95 ug/L	71781	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	95
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91





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Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

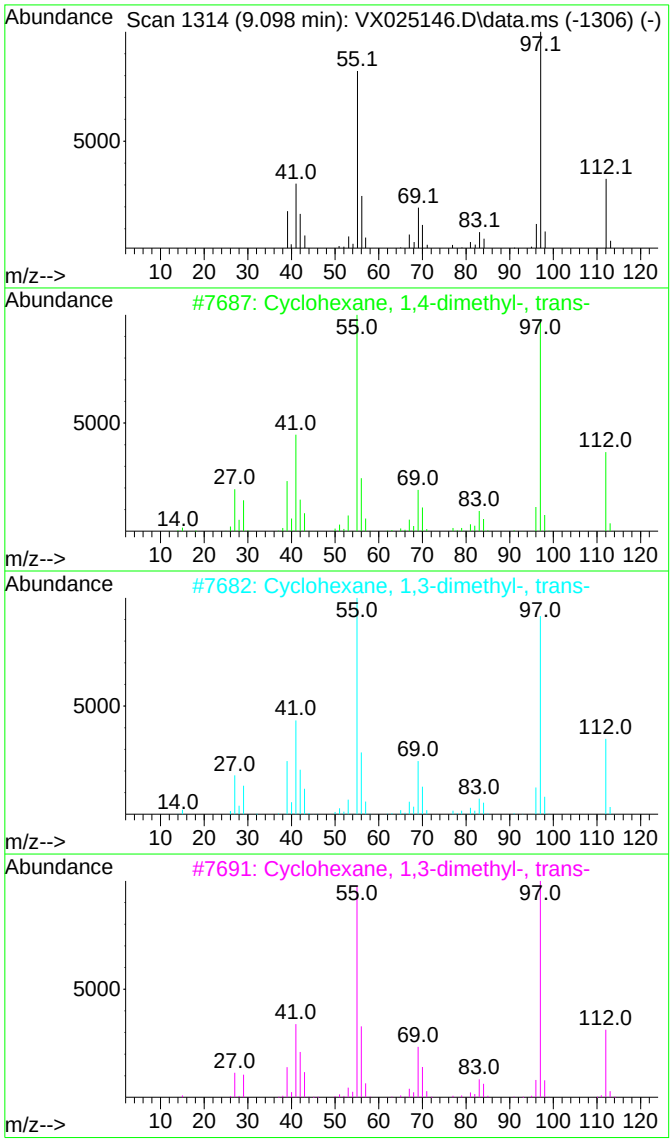
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

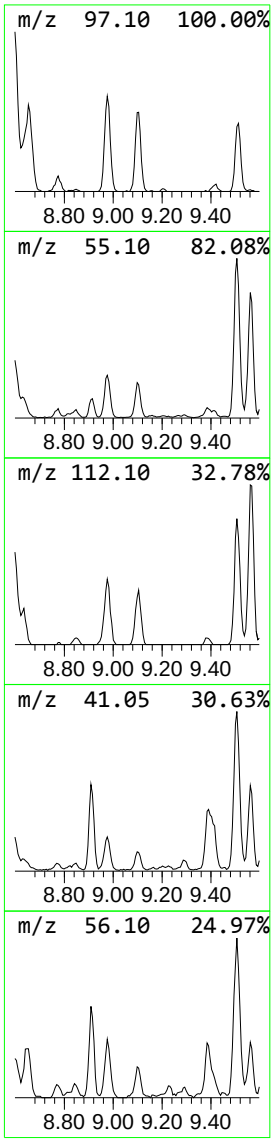
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic-9.098 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.098	4.07 ug/L	42006	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

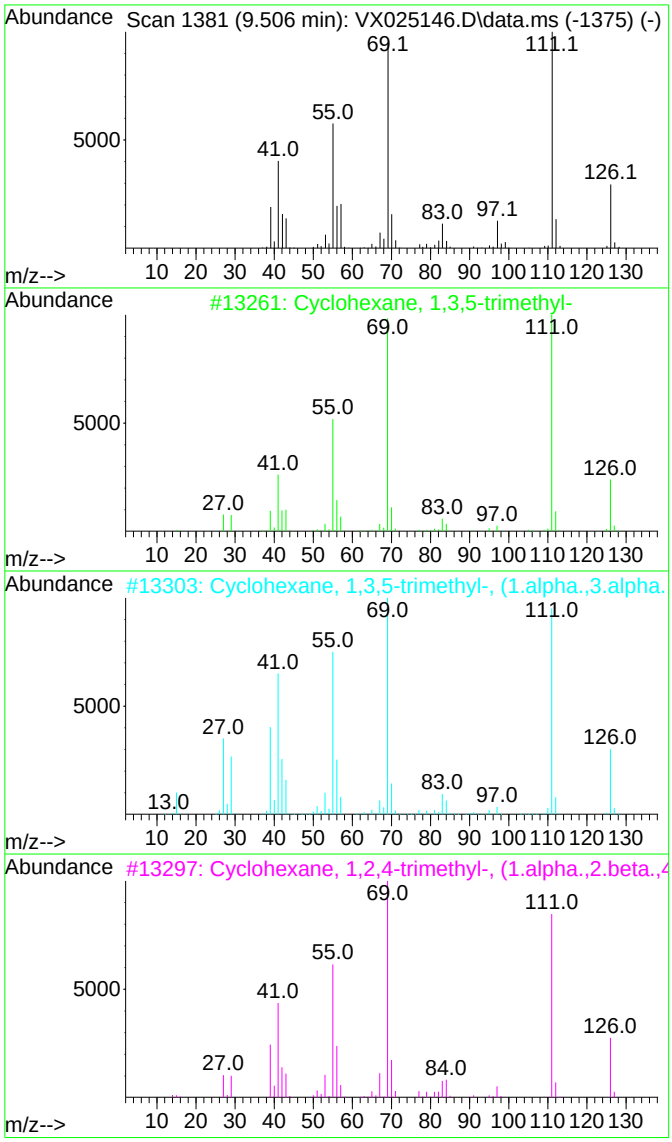
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

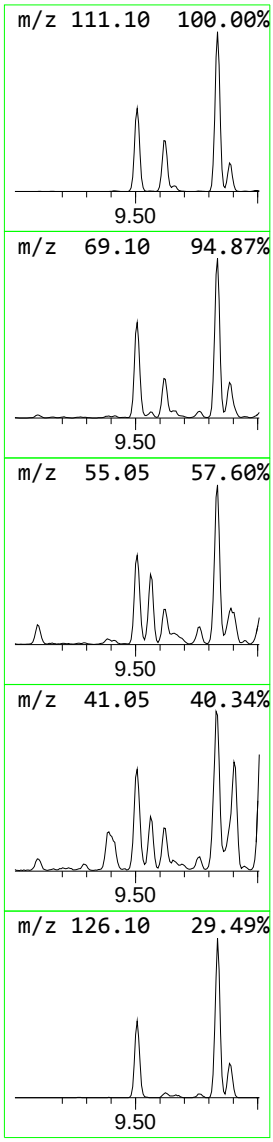
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic-9.506 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.506	30.75 ug/L	317650	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	93
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

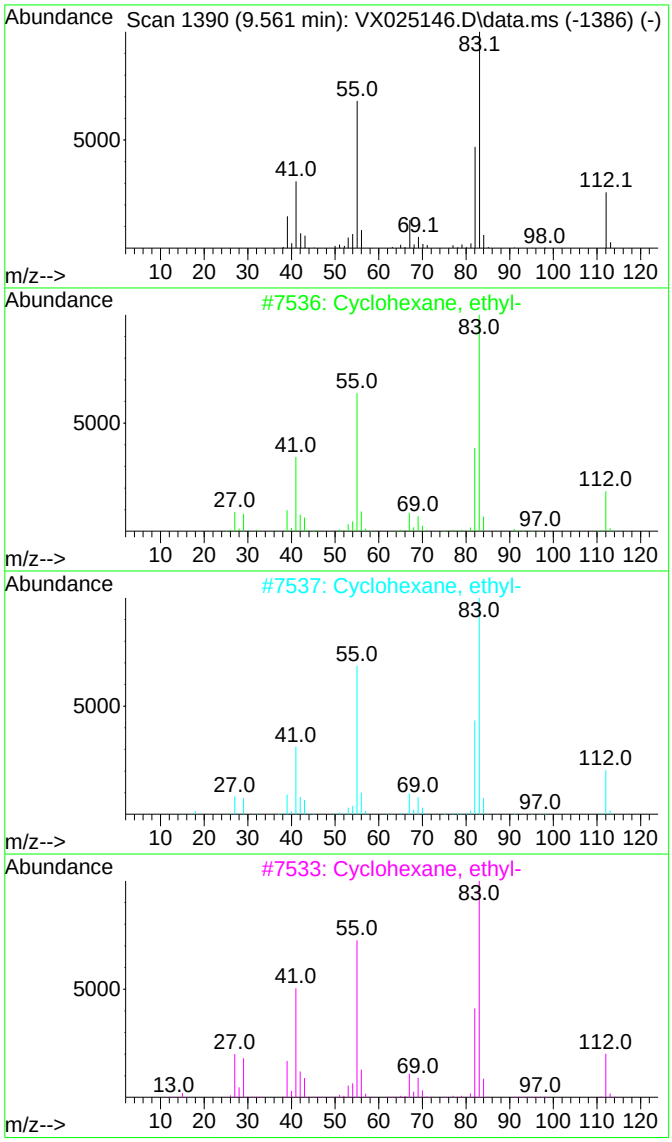
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

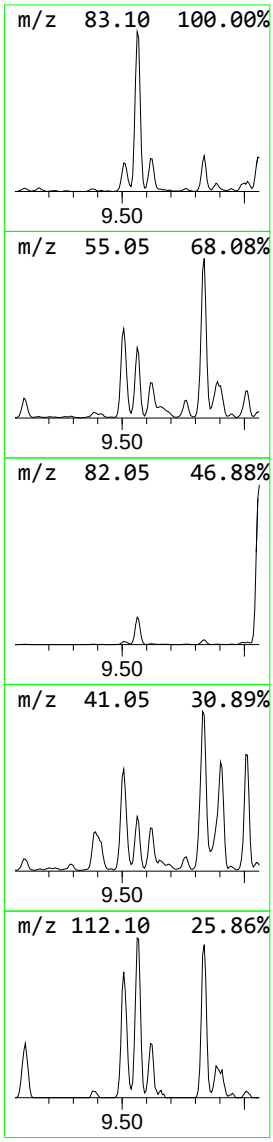
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic-9.561 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.561	12.62 ug/L	130341	Chlorobenzene-d5	10.061

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	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

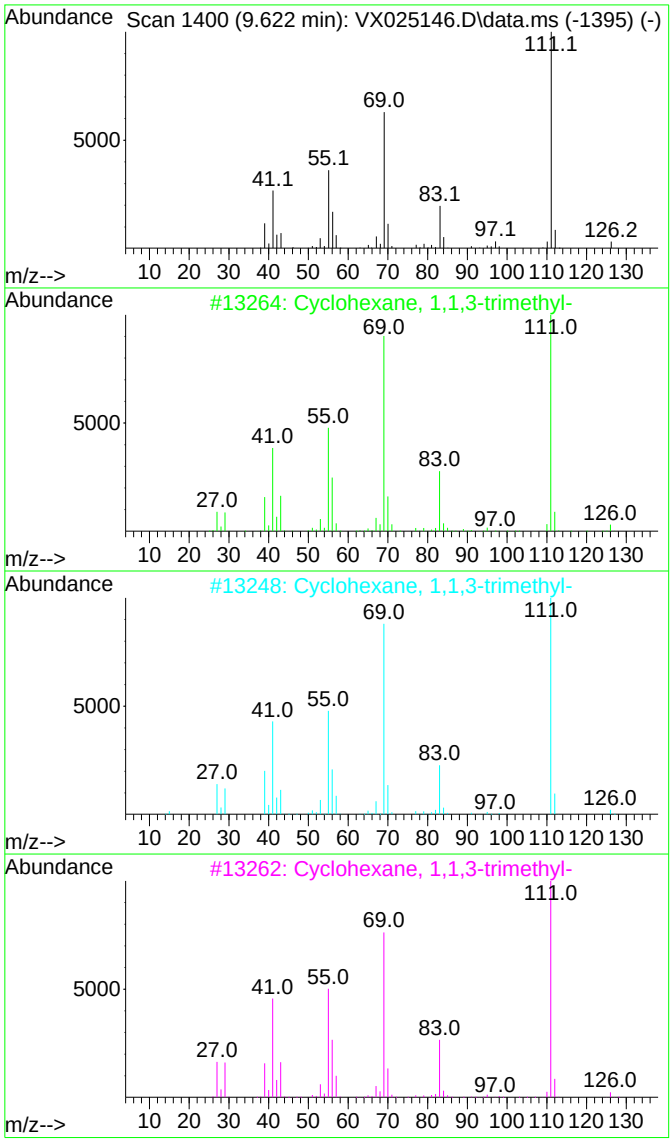
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

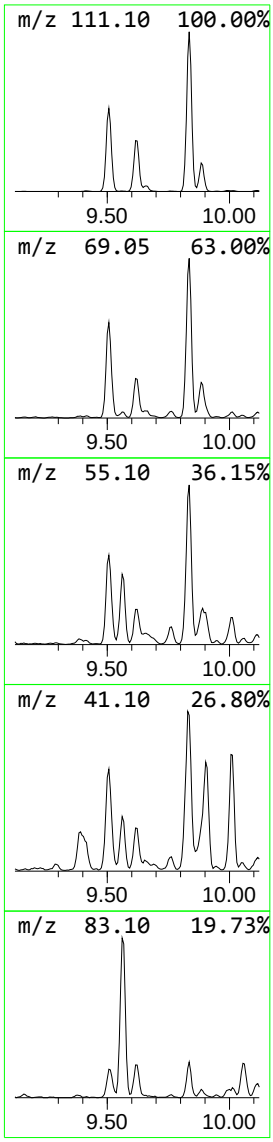
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic-9.622 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	12.78 ug/L	132004	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	Isocytosine	111	C4H5N3O	000108-53-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

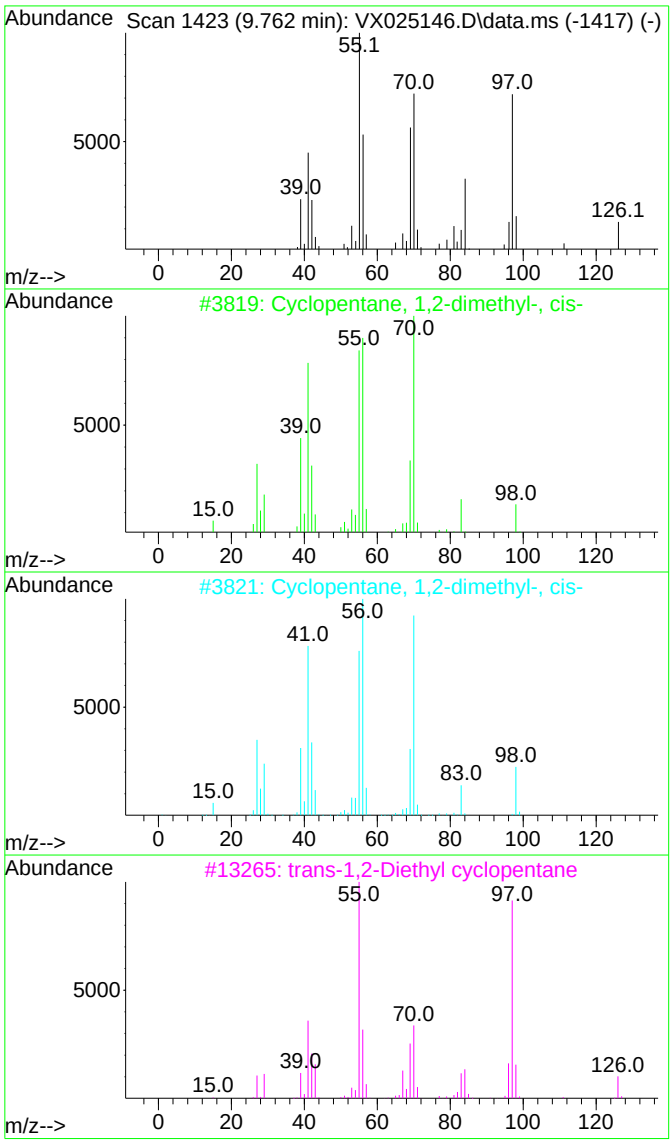
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

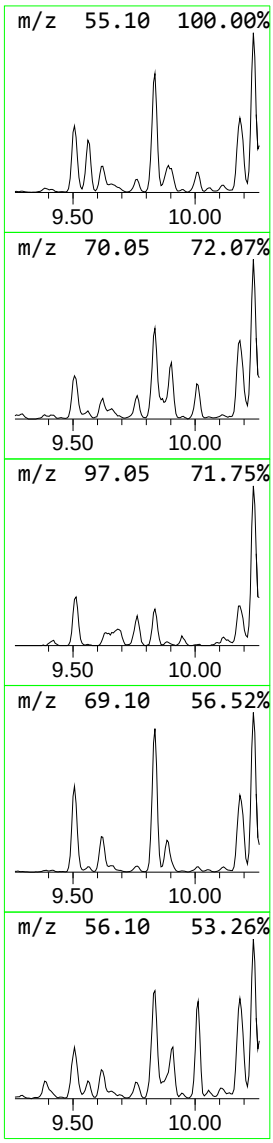
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic-.9.762 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	3.89 ug/L	40167	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	53
3	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	50
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	49
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

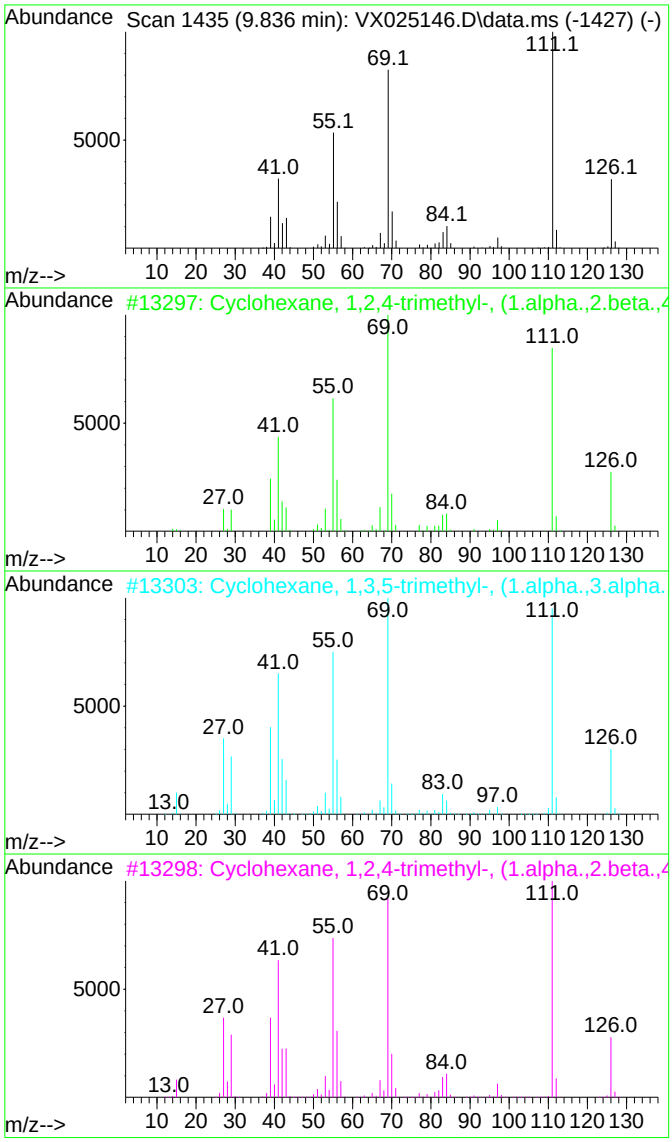
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

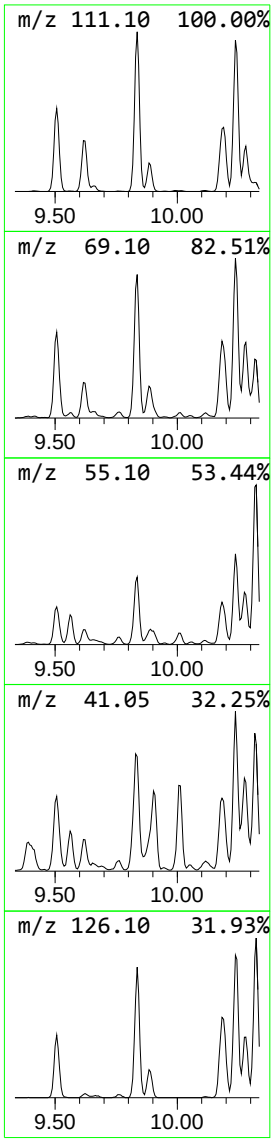
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic-.9.836 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.836	53.46 ug/L	552186	Chlorobenzene-d5	10.061

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

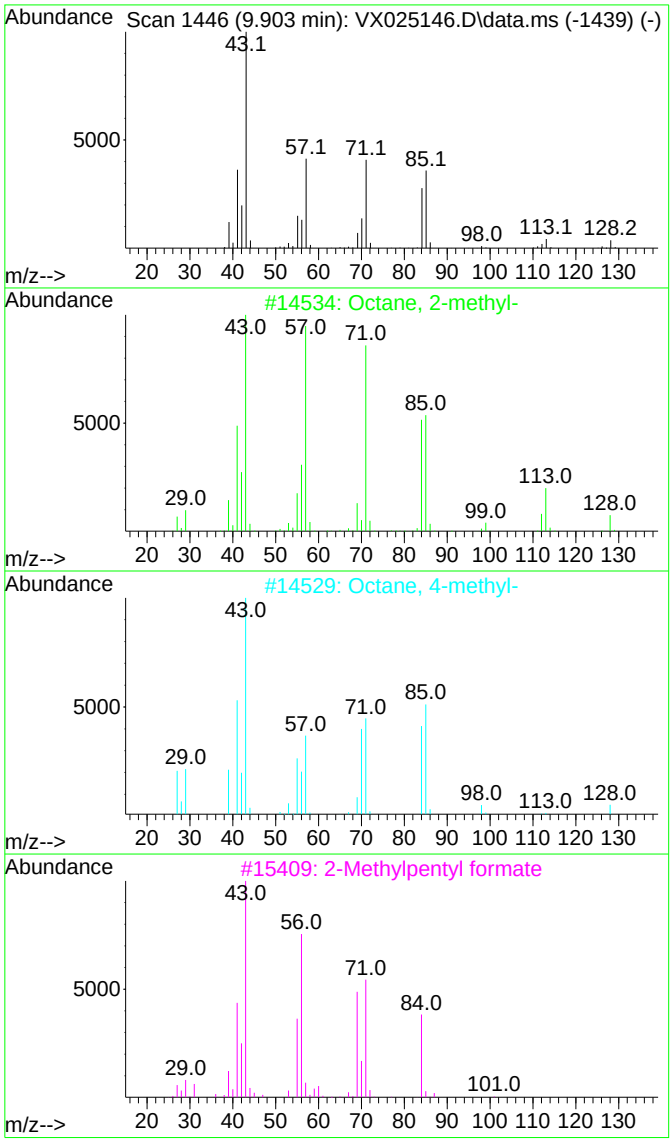
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

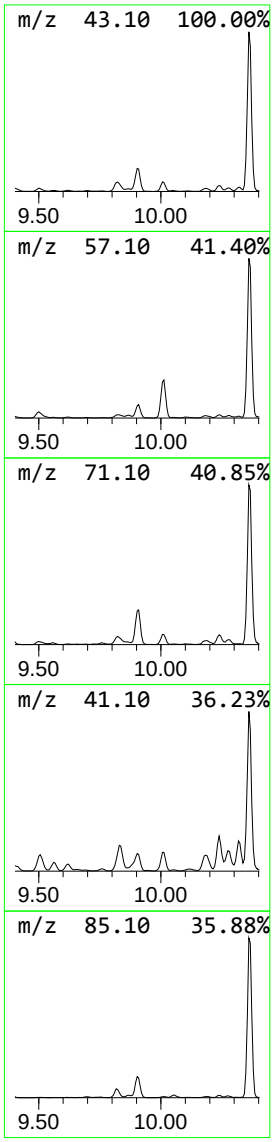
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.903	33.27 ug/L	343637	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	59
2	Octane, 4-methyl-	128	C9H20	002216-34-4	58
3	2-Methylpentyl formate	130	C7H14O2	381670-34-4	53
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

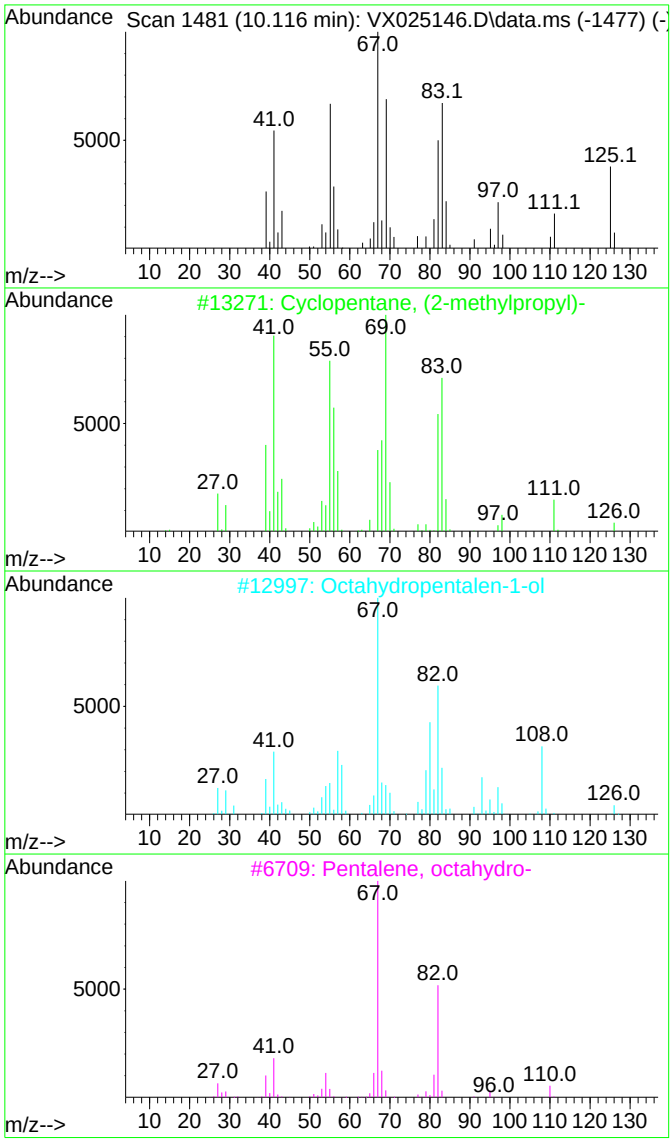
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

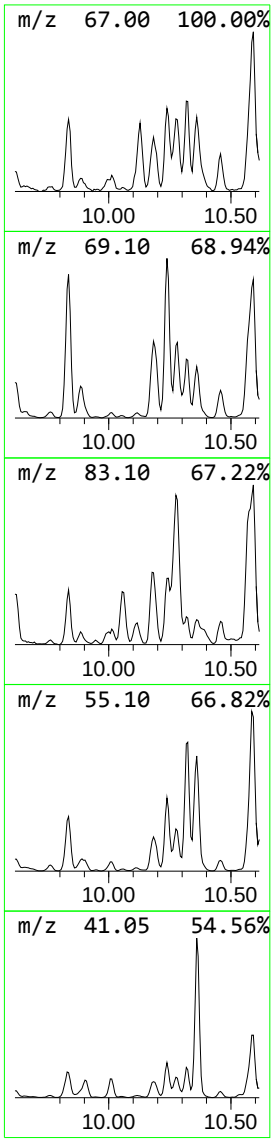
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic-10.116 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	3.79 ug/L	39179	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	45
2	Octahydropentalen-1-ol	126	C8H14O	037465-25-1	43
3	Pentalene, octahydro-	110	C8H14	000694-72-4	43
4	4-Penten-1-ol, 3-methyl-	100	C6H12O	051174-44-8	38
5	4-Methyl-2-pentyne	82	C6H10	021020-27-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

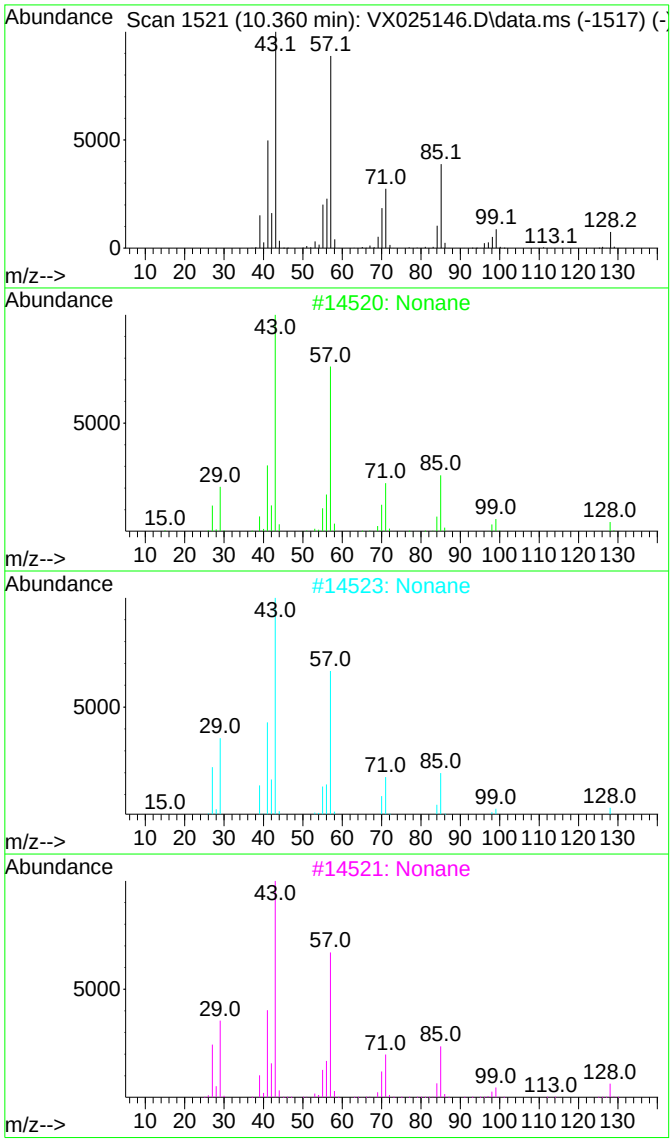
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

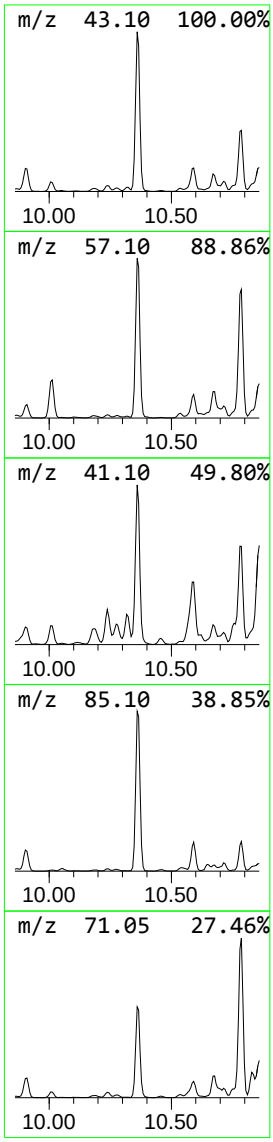
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.360	183.87 ug/L	1899260	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	94
2	Nonane	128	C9H20	000111-84-2	94
3	Nonane	128	C9H20	000111-84-2	91
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 : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

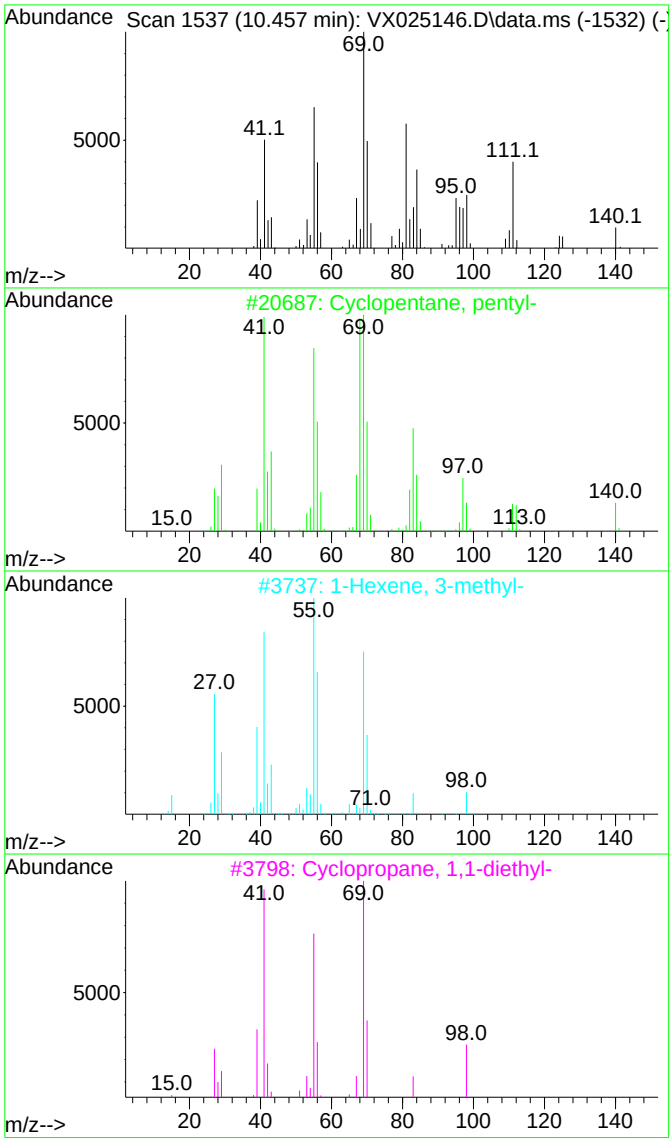
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

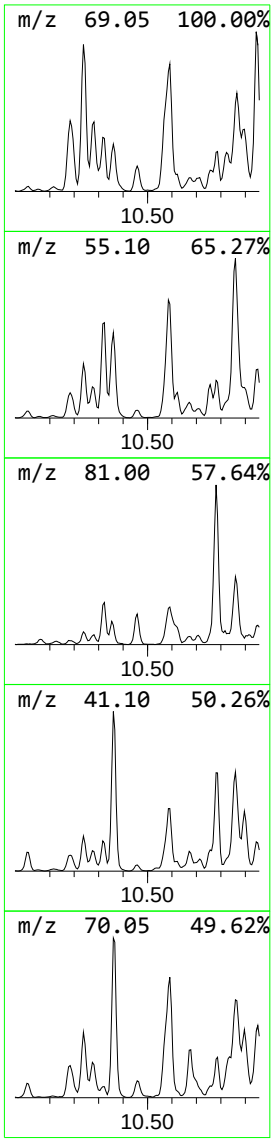
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic-10.457 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	12.65 ug/L	130622	Chlorobenzene-d5	10.061

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	45
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

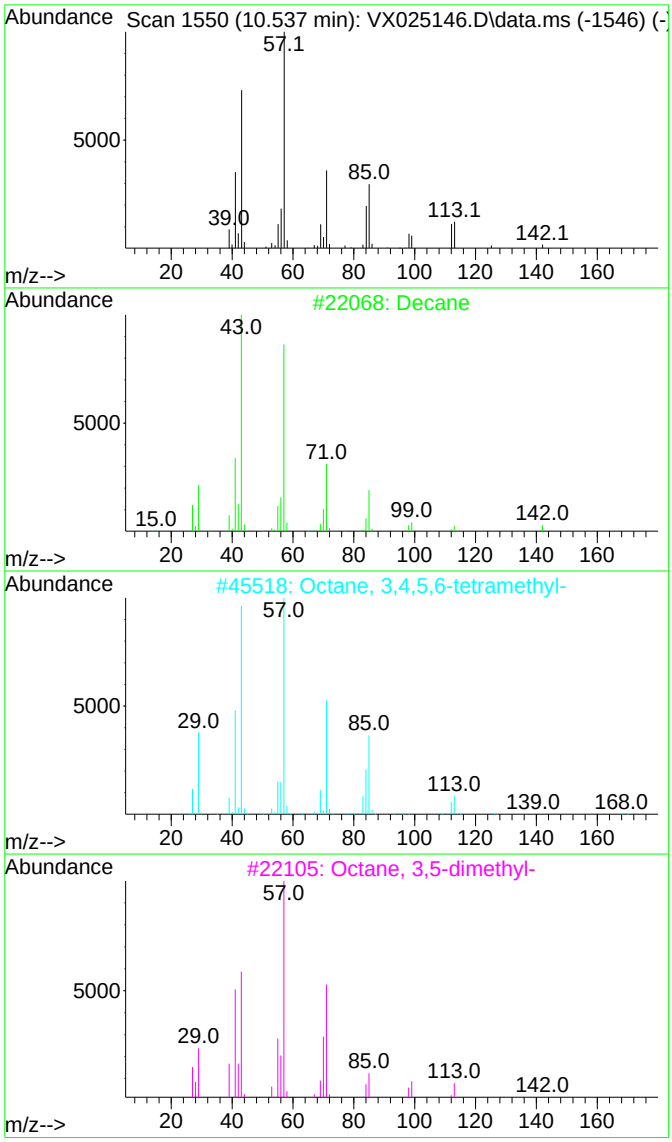
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

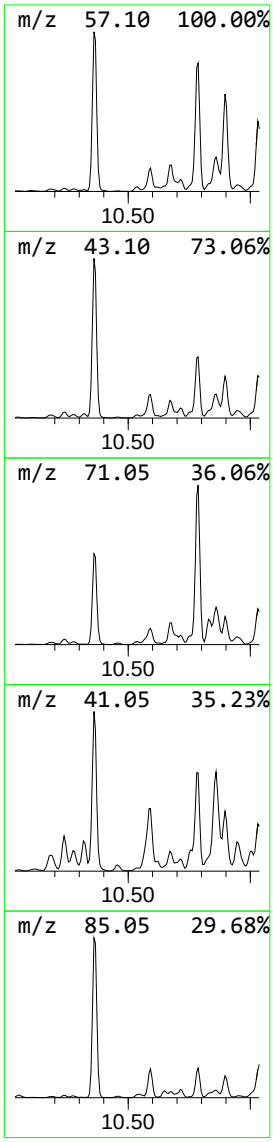
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.537	3.33 ug/L	34412	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	58
2	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

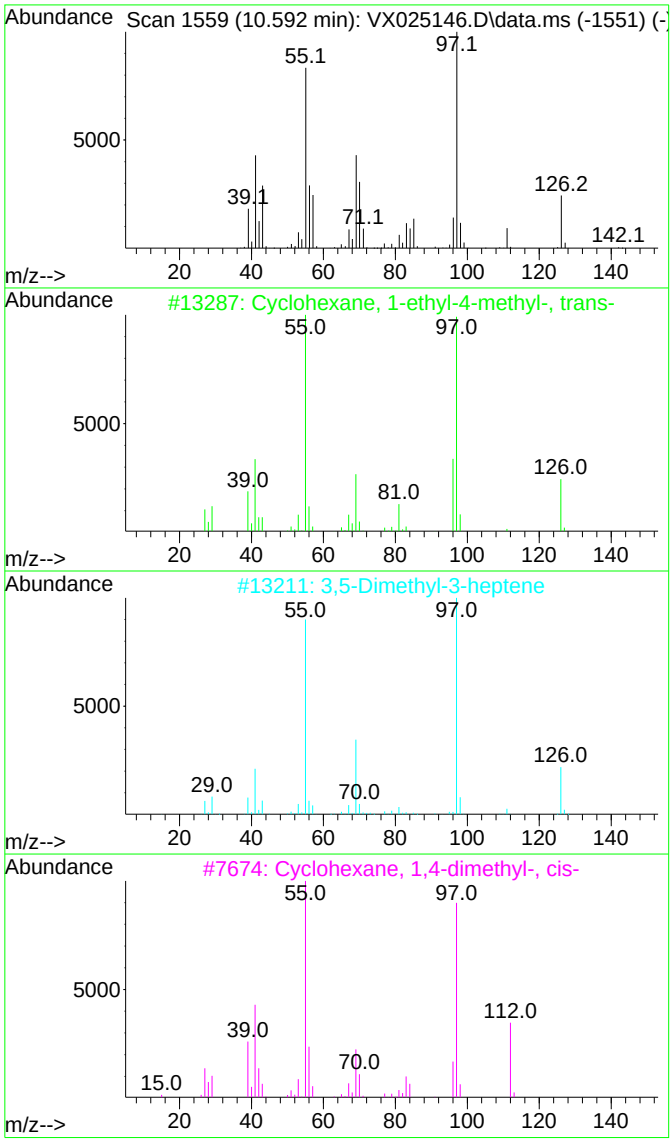
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

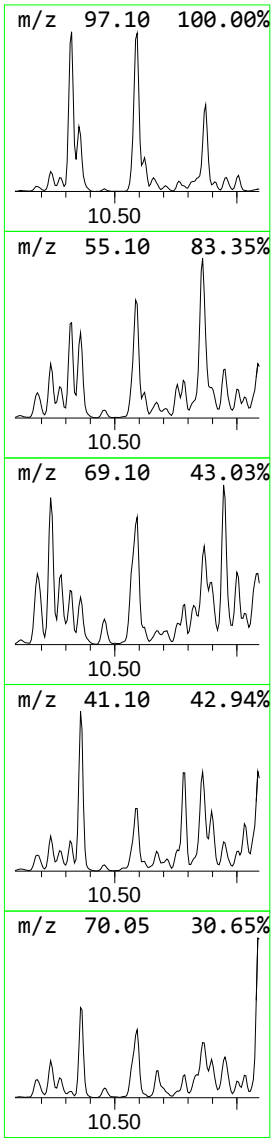
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic-10.592 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	126.94 ug/L	1311160	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	53
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
5	4-Octen-3-one	126	C8H14O	014129-48-7	50





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Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

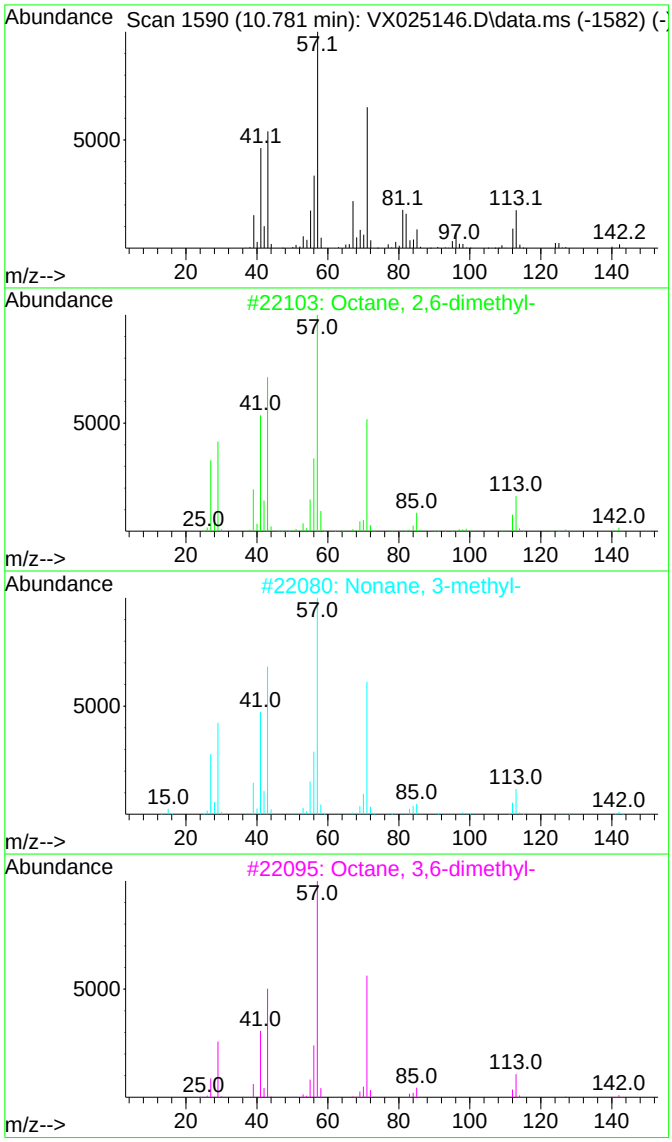
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

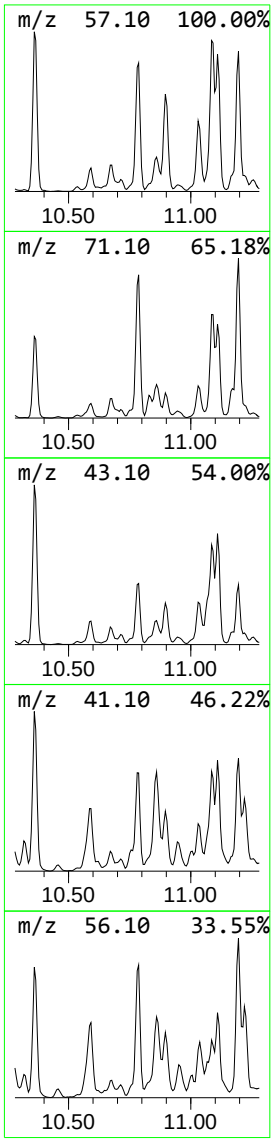
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	152.22 ug/L	1572340	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	81
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	76





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Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

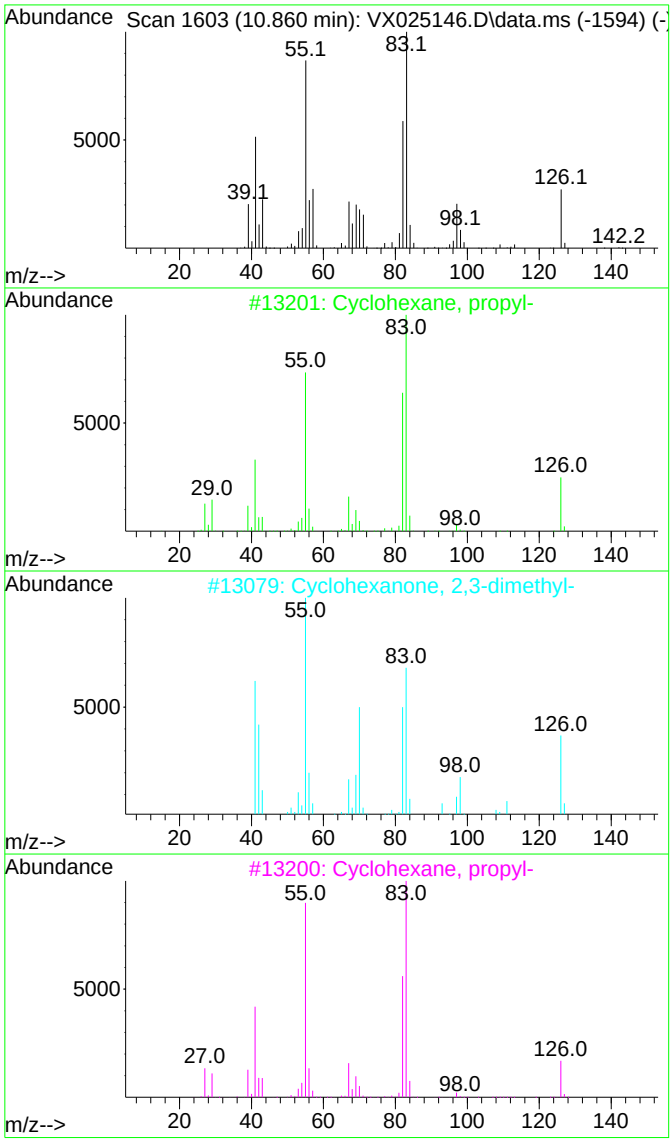
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

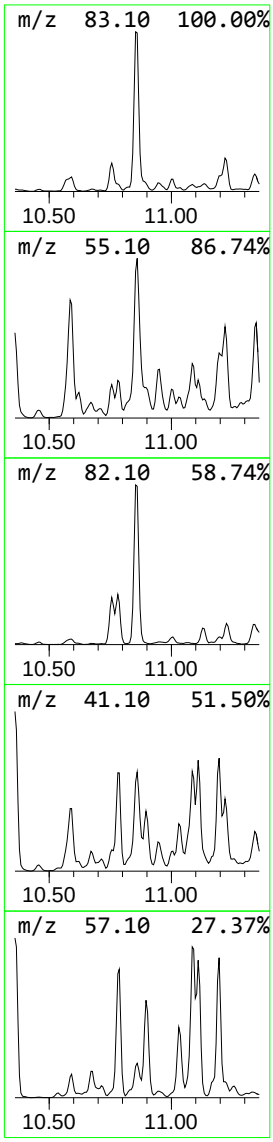
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic-10.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.860	178.36 ug/L	1842300	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	72





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Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

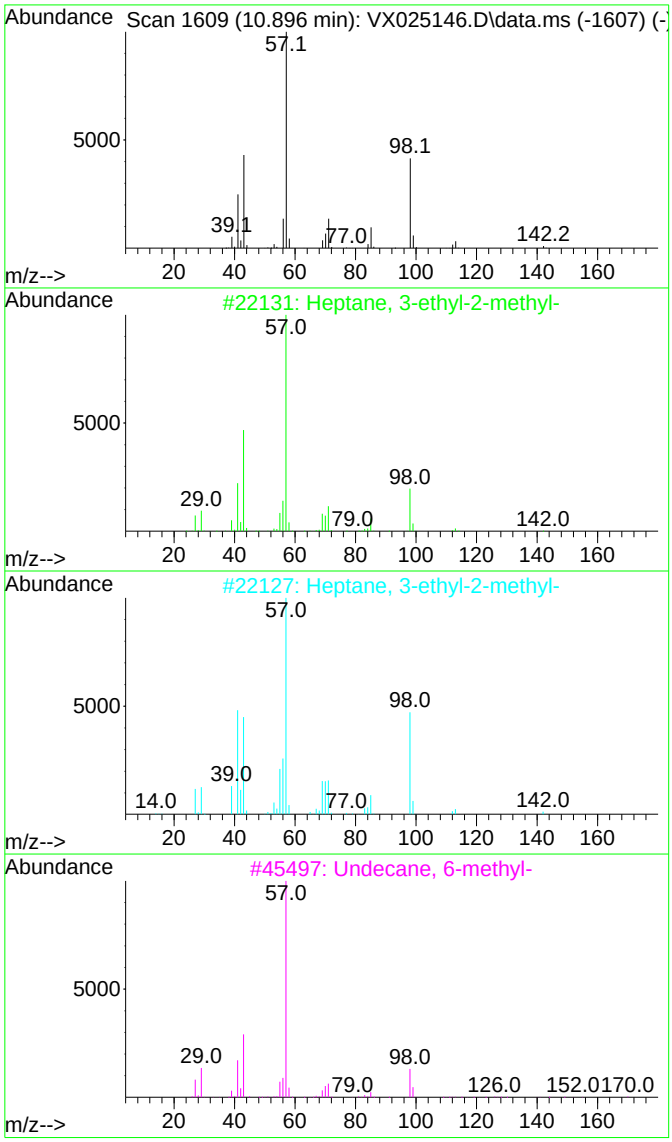
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

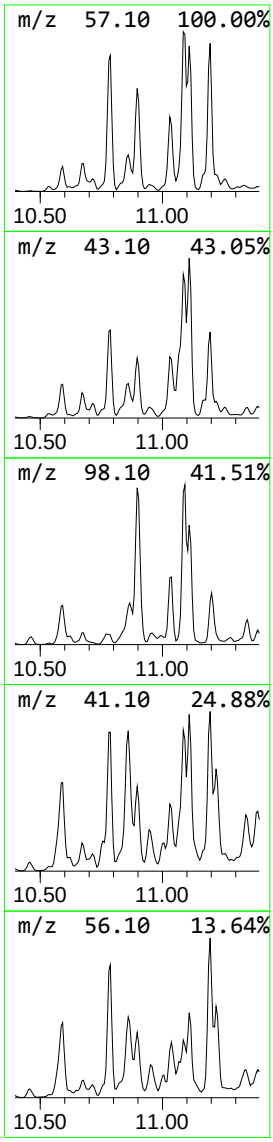
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.896	61.71 ug/L	637426	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50
5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47





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Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

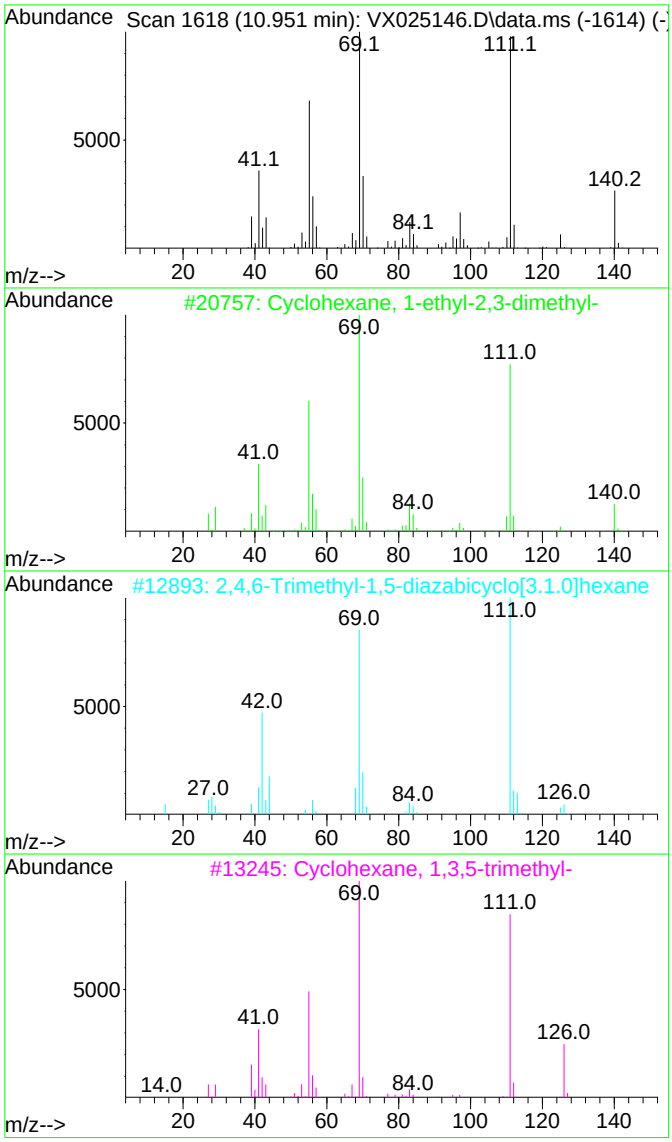
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

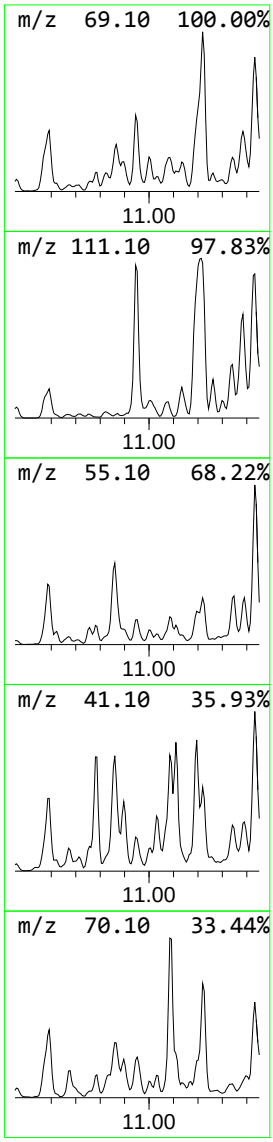
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic-10.951 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.951	48.99 ug/L	506003	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	91
2	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	59
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	59
4	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	47
5	2H-Pyran-2-carboxaldehyde, 3,4-d...	140	C8H12O2	001920-21-4	38





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Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

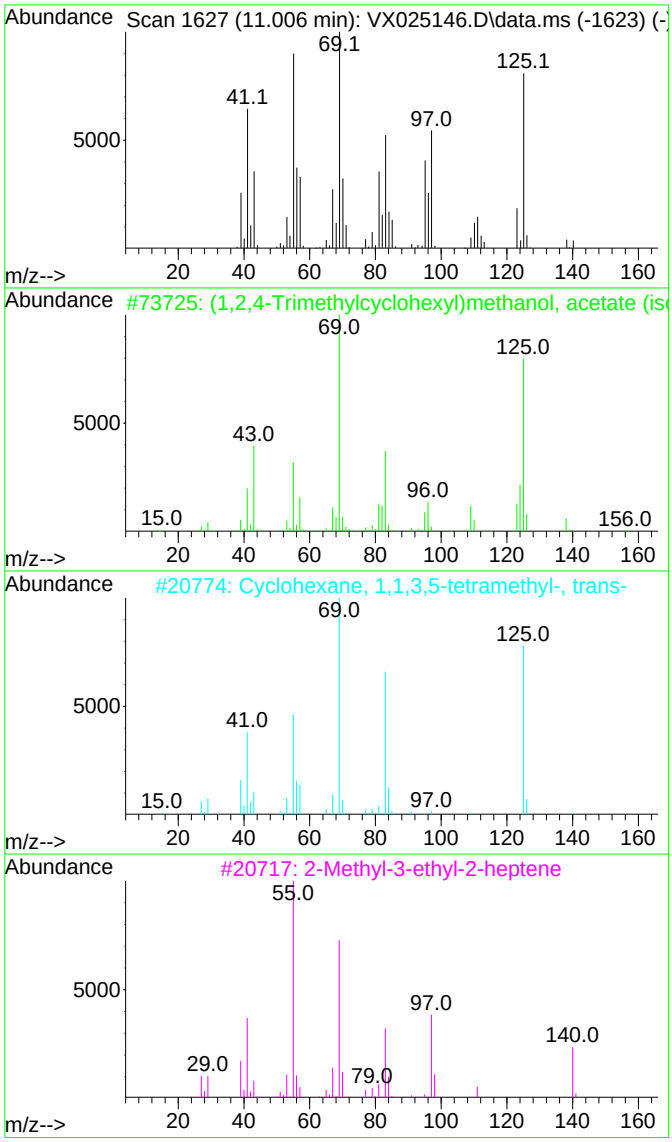
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

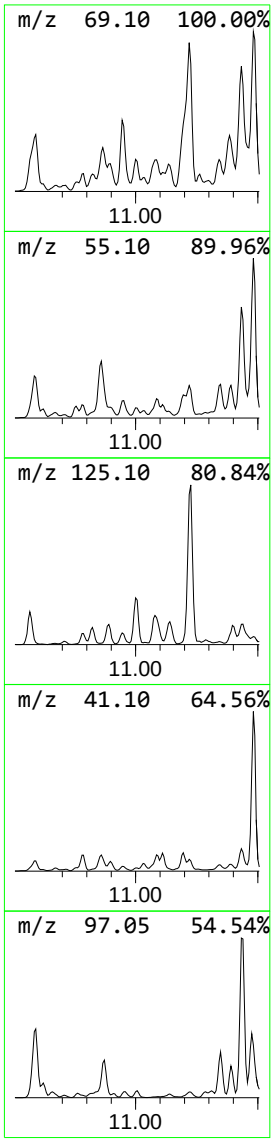
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (1,2,4-Trimethylcyclohexyl)... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.006	24.00 ug/L	247894	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,2,4-Trimethylcyclohexyl)metha...	198	C12H22O2	1010499-04-6	59
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
3	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	38
4	4-Nonene, 2,3,3-trimethyl-, (Z)-	168	C12H24	063830-68-2	27
5	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	25





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Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

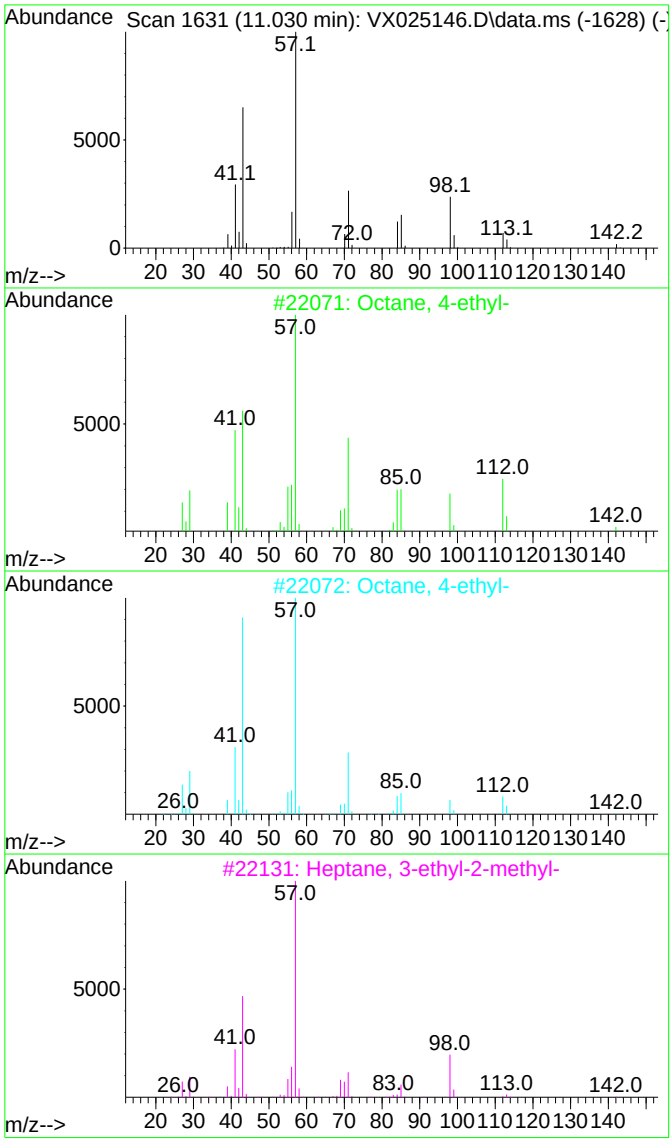
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

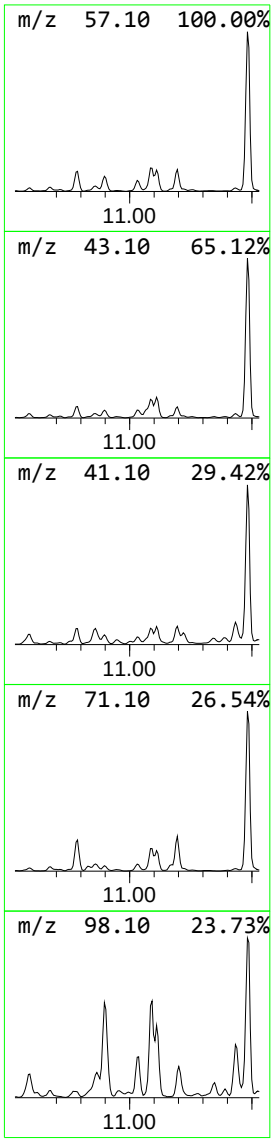
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.031	30.86 ug/L	318796	Chlorobenzene-d5	10.061

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	68
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	50
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50





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Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

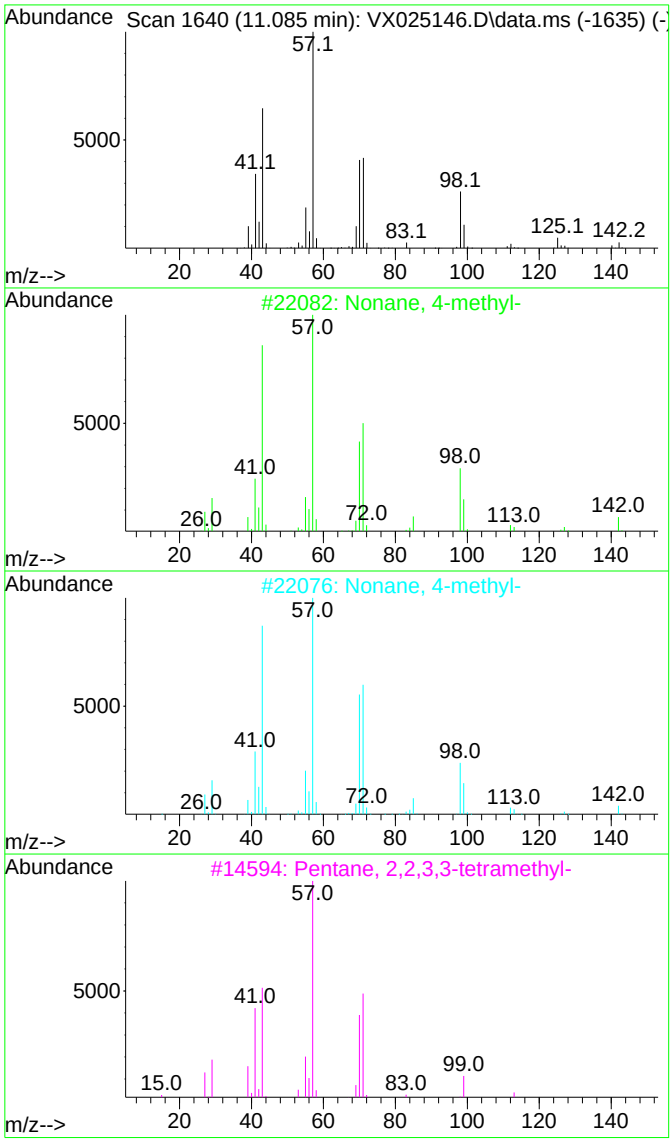
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

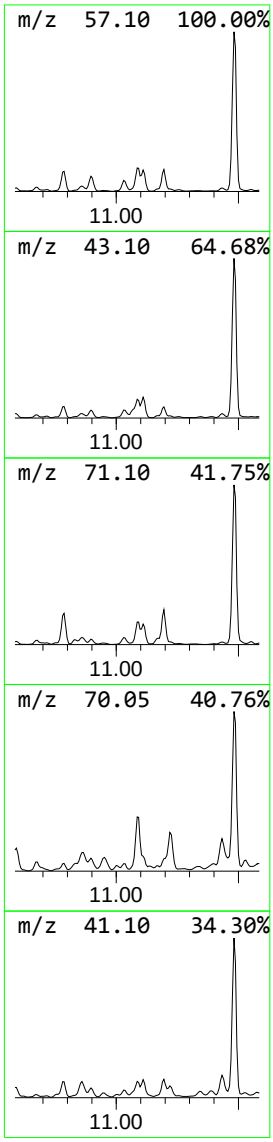
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	52.07 ug/L	1284760	1,4-Dichlorobenzene-d4	12.030

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	53
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

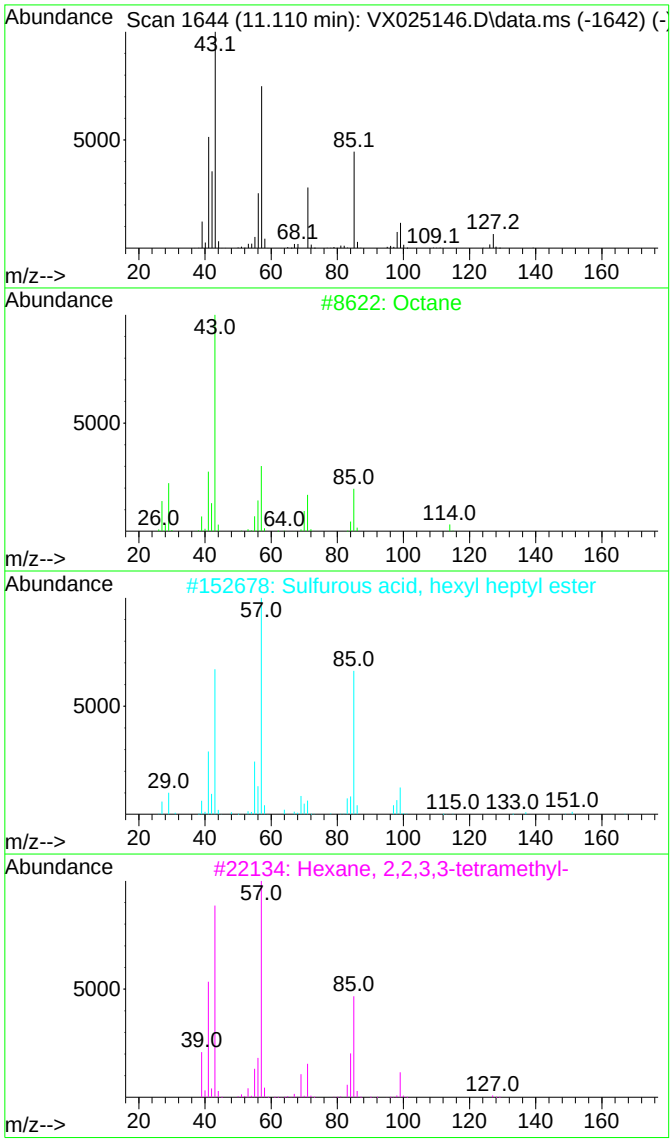
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

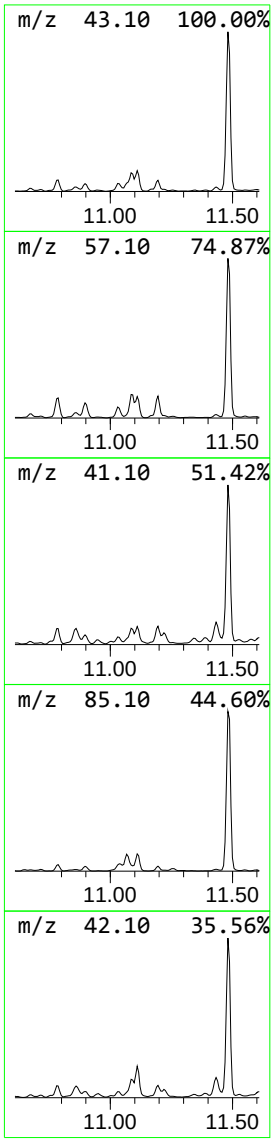
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	47.61 ug/L	1174720	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	53
2	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	53
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	53
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5	4,4-Dimethyl octane	142	C10H22	015869-95-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

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

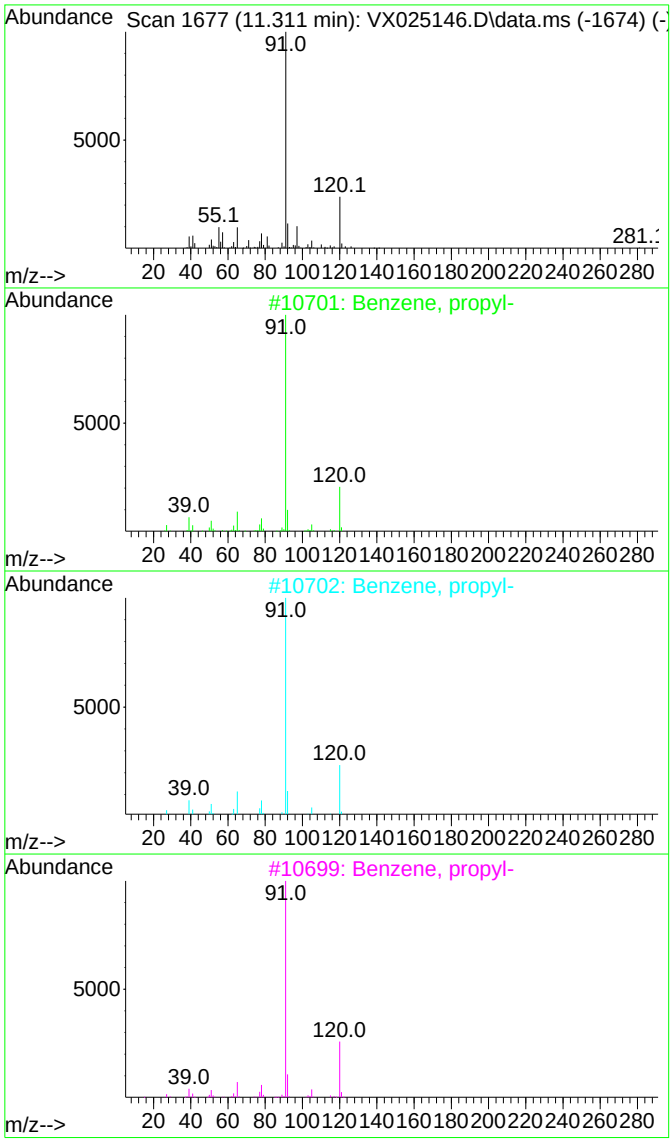
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

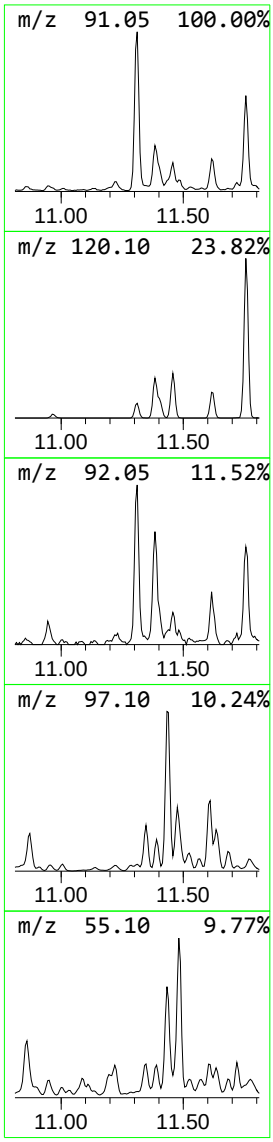
****

Peak Number 26 Benzene, propyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.311	3.63 ug/L	89563	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	81
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59





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Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

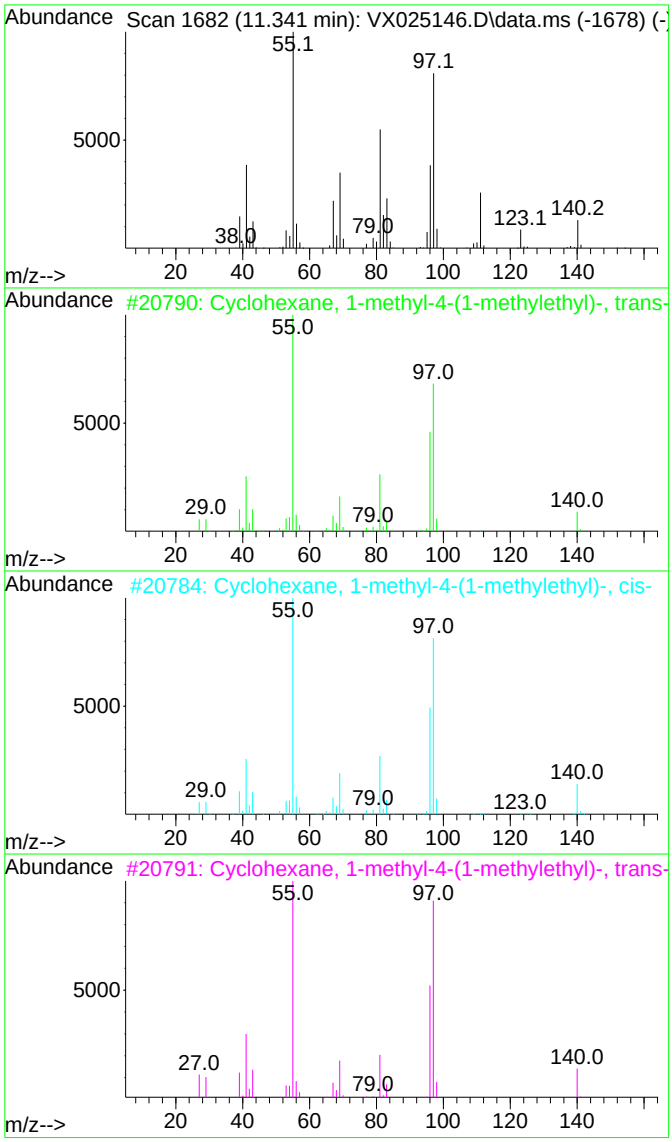
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

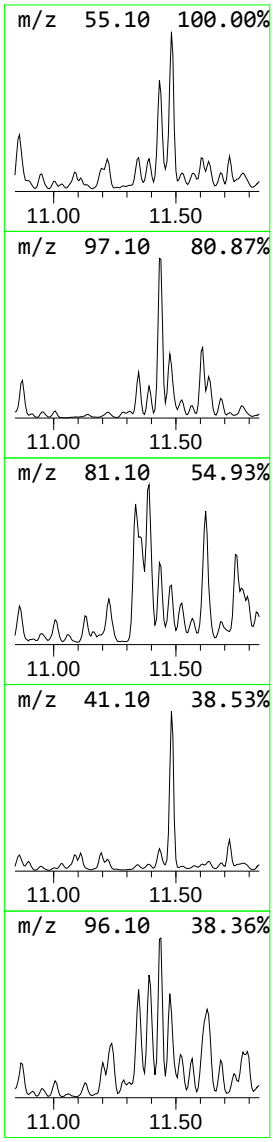
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic-11.341 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.341	25.00 ug/L	616922	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	76
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	76
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	62
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	62
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	62





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Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

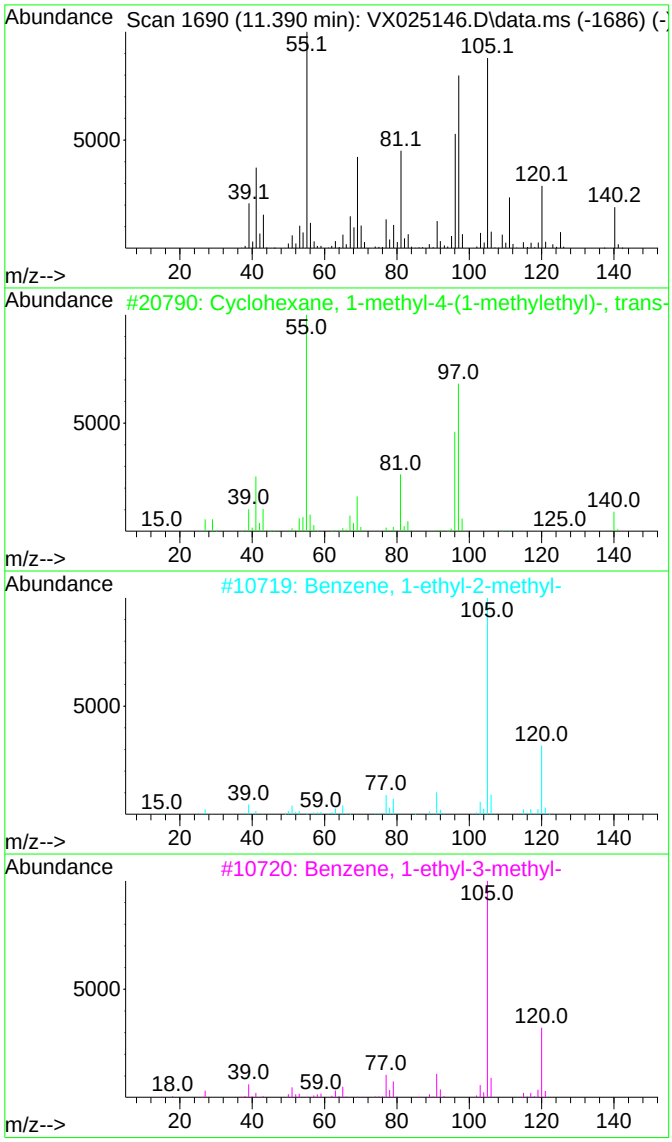
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

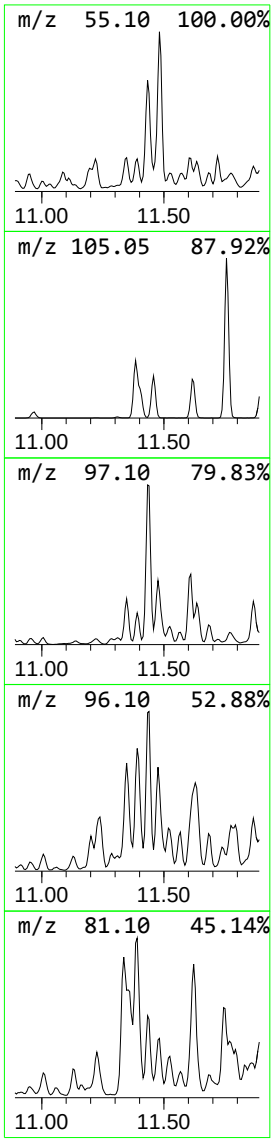
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic-11.39 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.390	31.34 ug/L	773357	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	56
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	56
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	56
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

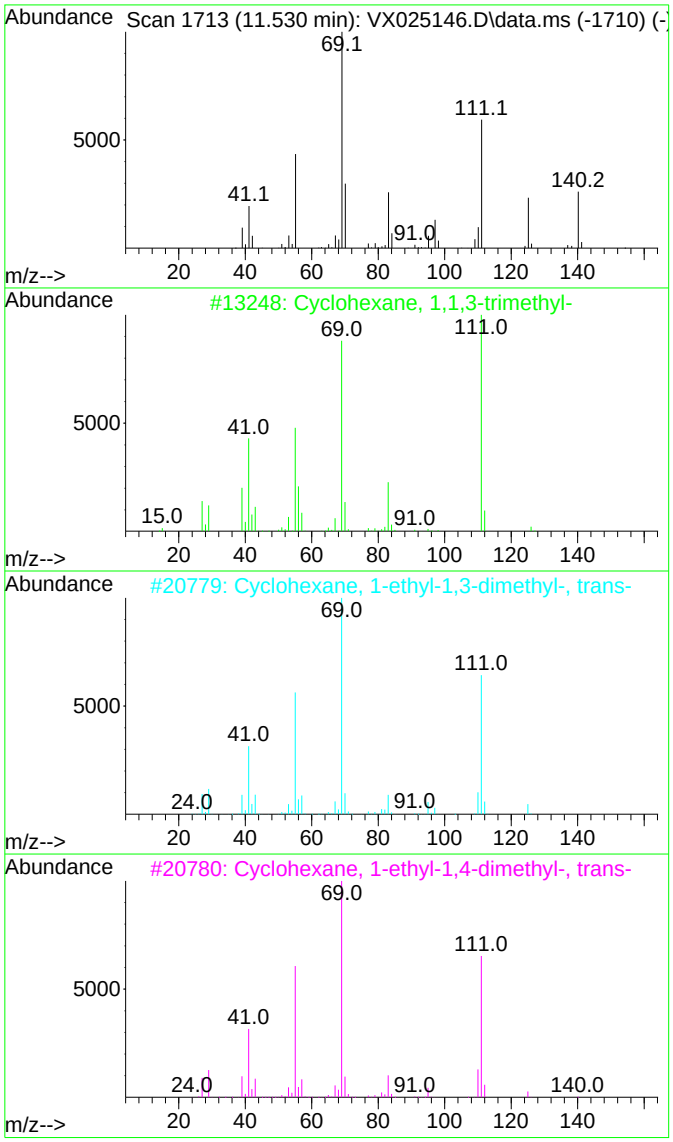
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

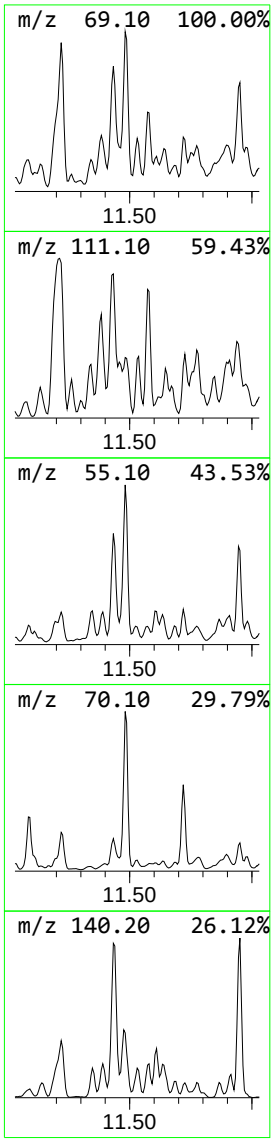
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic-11.53 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.530	8.75 ug/L	216004	1,4-Dichlorobenzene-d4	12.030

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	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	47
4	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	47
5	3,4,4-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	073741-63-6	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

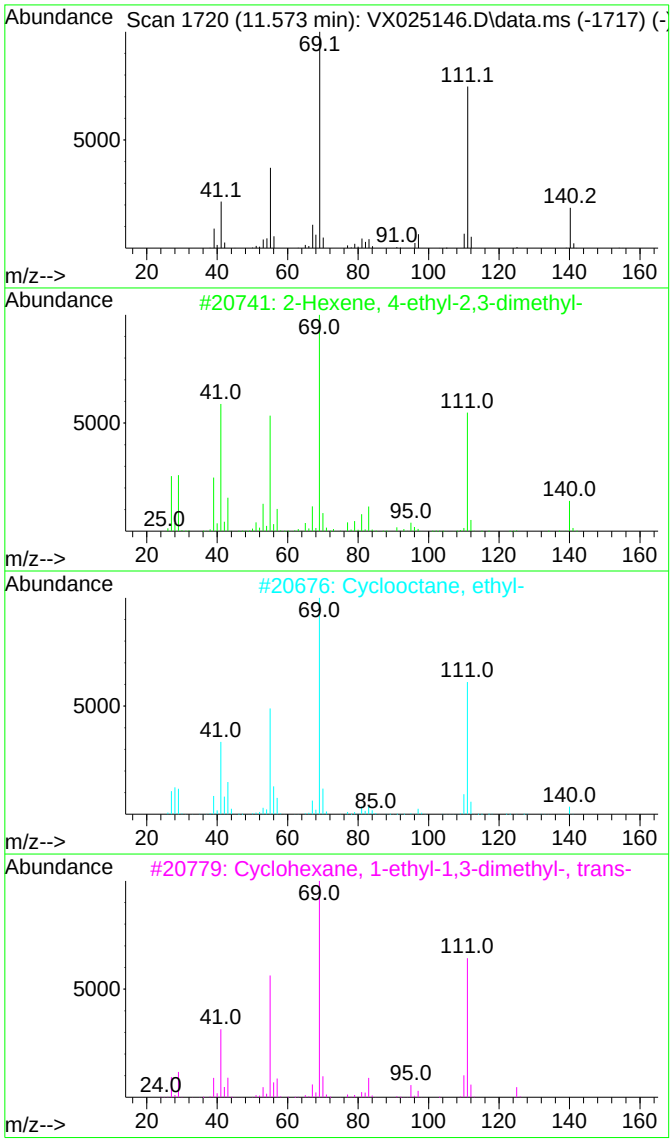
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

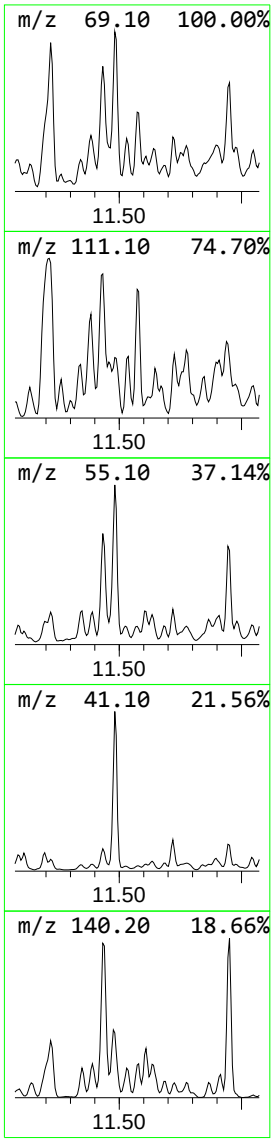
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic-11.57 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.573	10.23 ug/L	252294	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	90
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	78
3	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	72
4	3-Isopropyl-5-methyl-hex-4-en-2-one	154	C10H18O	077142-85-9	56
5	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

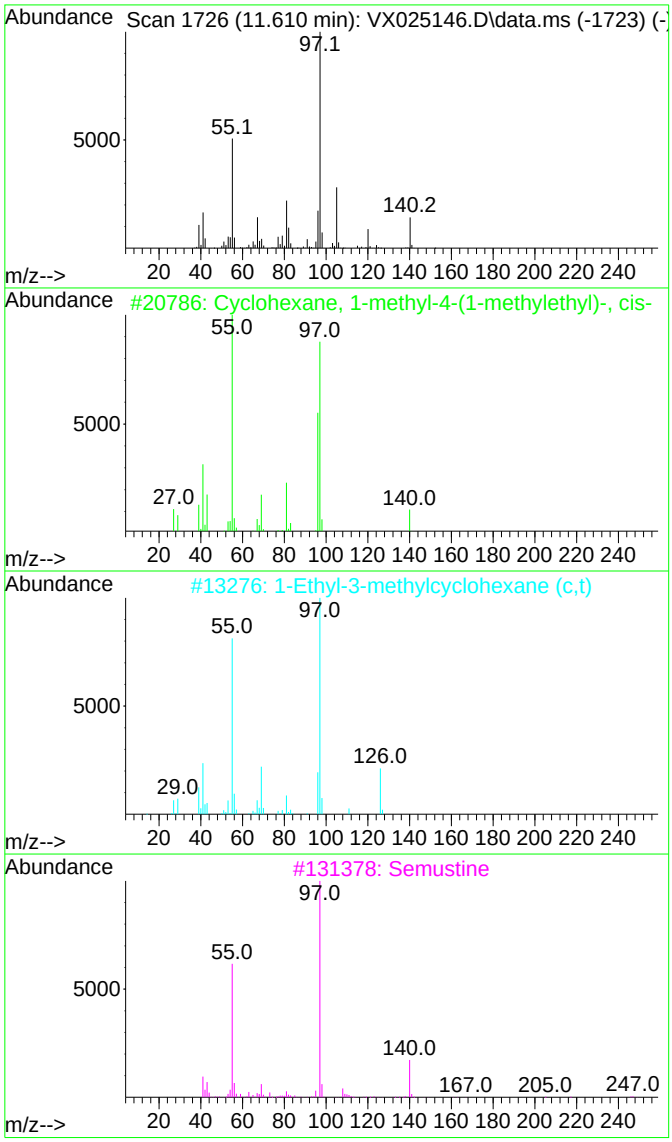
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

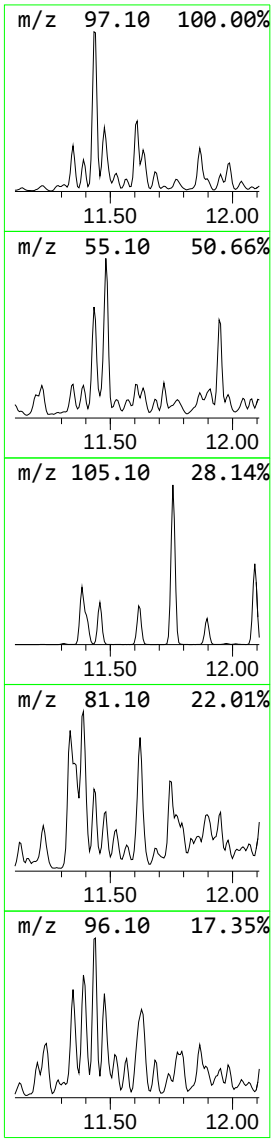
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Cyclic-11.61 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	22.34 ug/L	551328	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
3	Semustine	247	C10H18ClN3O2	013909-09-6	50
4	Ethanone, 1-(3,4-dihydro-6-methy...	140	C8H12O2	028450-02-4	47
5	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

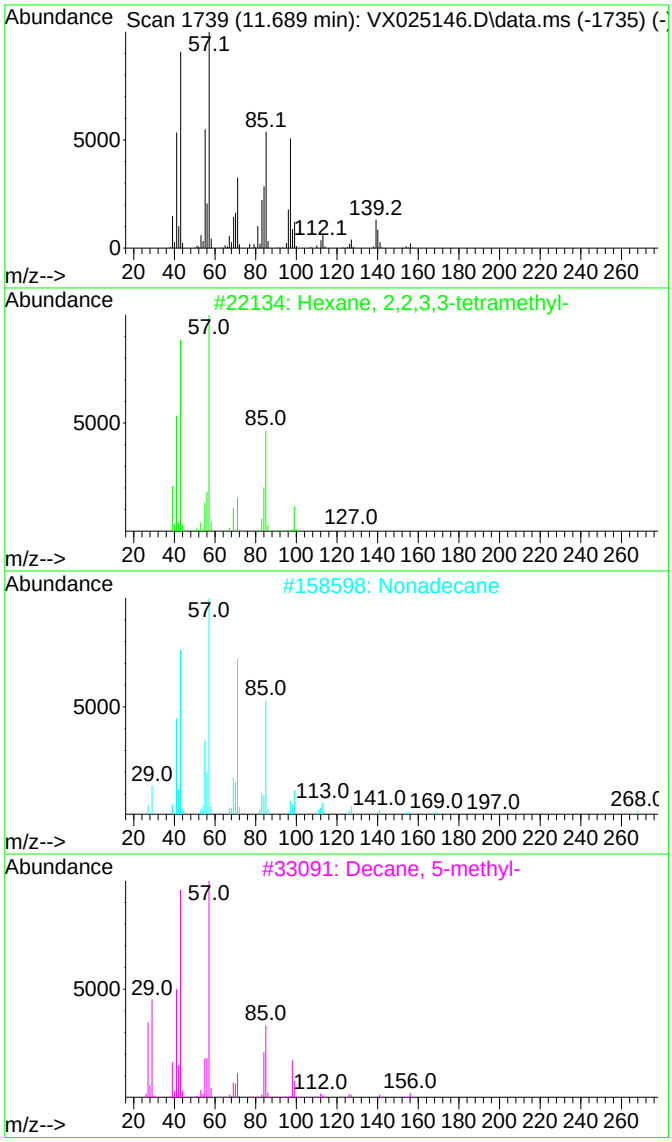
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

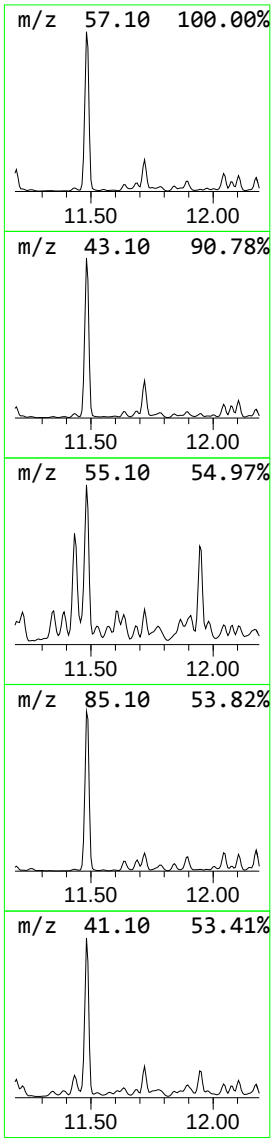
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.689	21.32 ug/L	526072	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	49
2	Nonadecane	268	C19H40	000629-92-5	43
3	Decane, 5-methyl-	156	C11H24	013151-35-4	38
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	38
5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

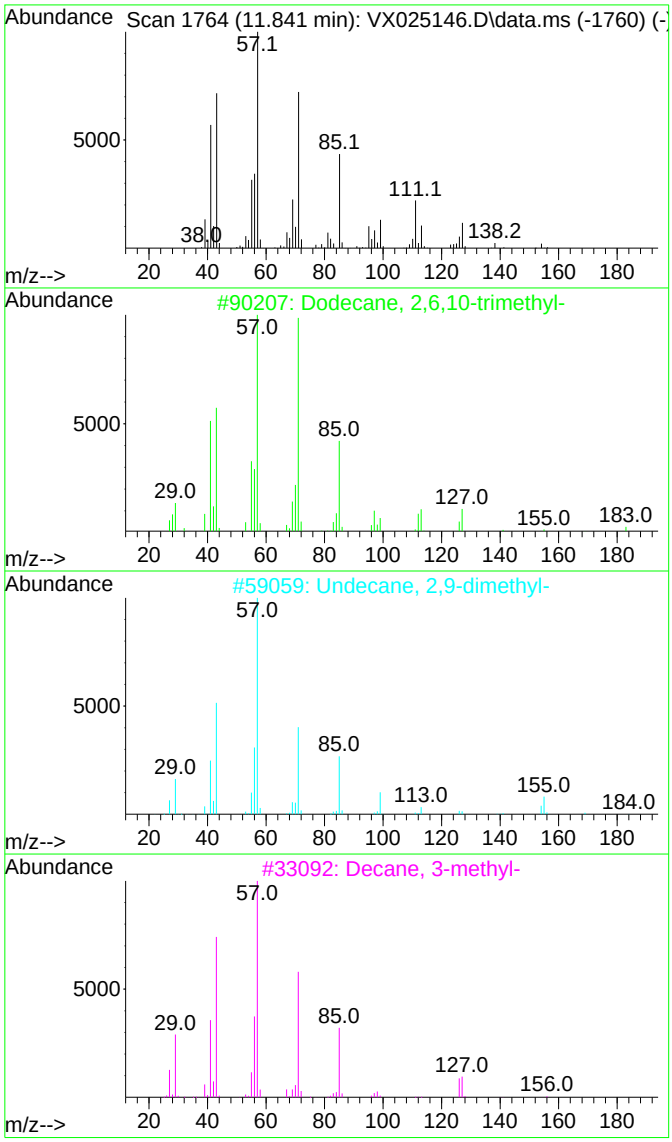
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

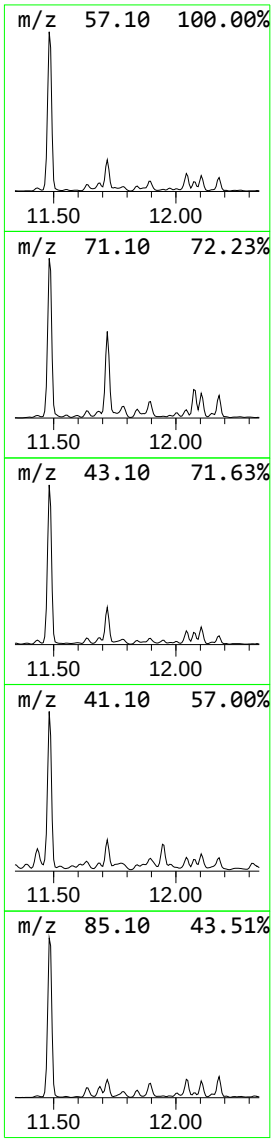
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	19.20 ug/L	473853	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
2	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
3	Decane, 3-methyl-	156	C11H24	013151-34-3	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

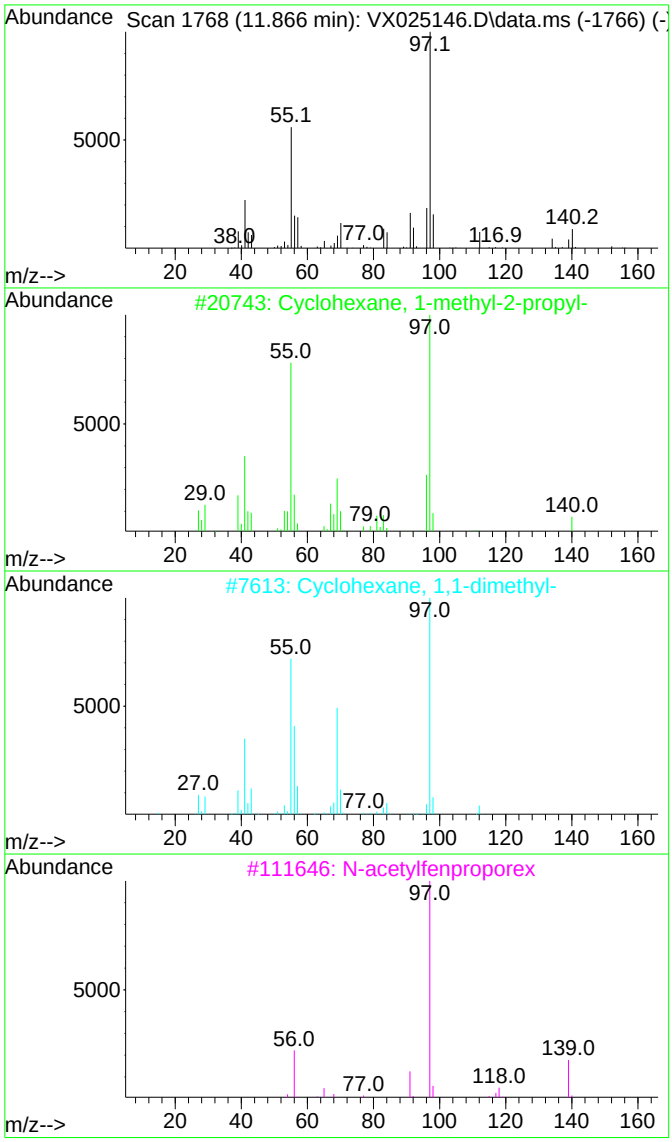
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

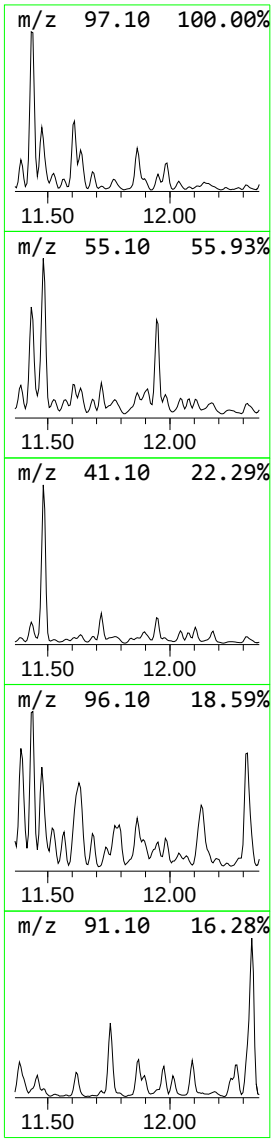
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Cyclic-11.866 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.866	8.10 ug/L	199822	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	58
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
3	N-acetylfenproporex	230	C14H18N2O	1000379-03-6	50
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	50
5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

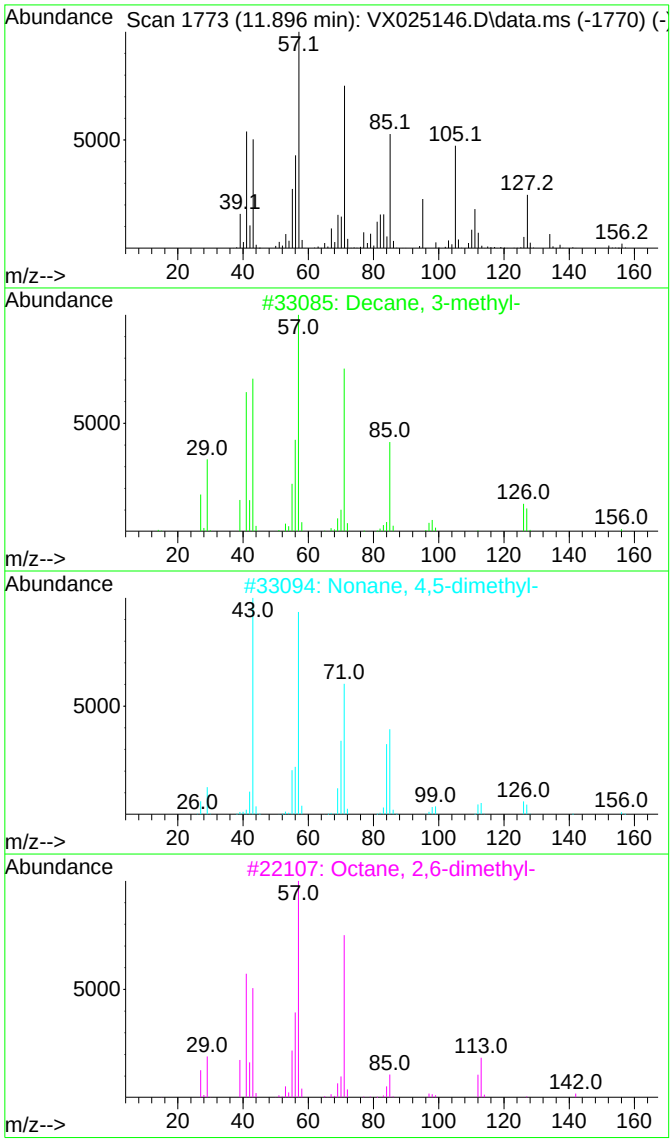
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

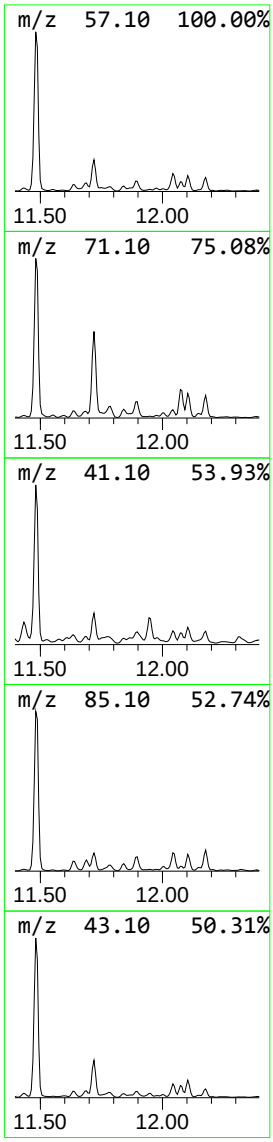
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	37.26 ug/L	919468	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	81
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

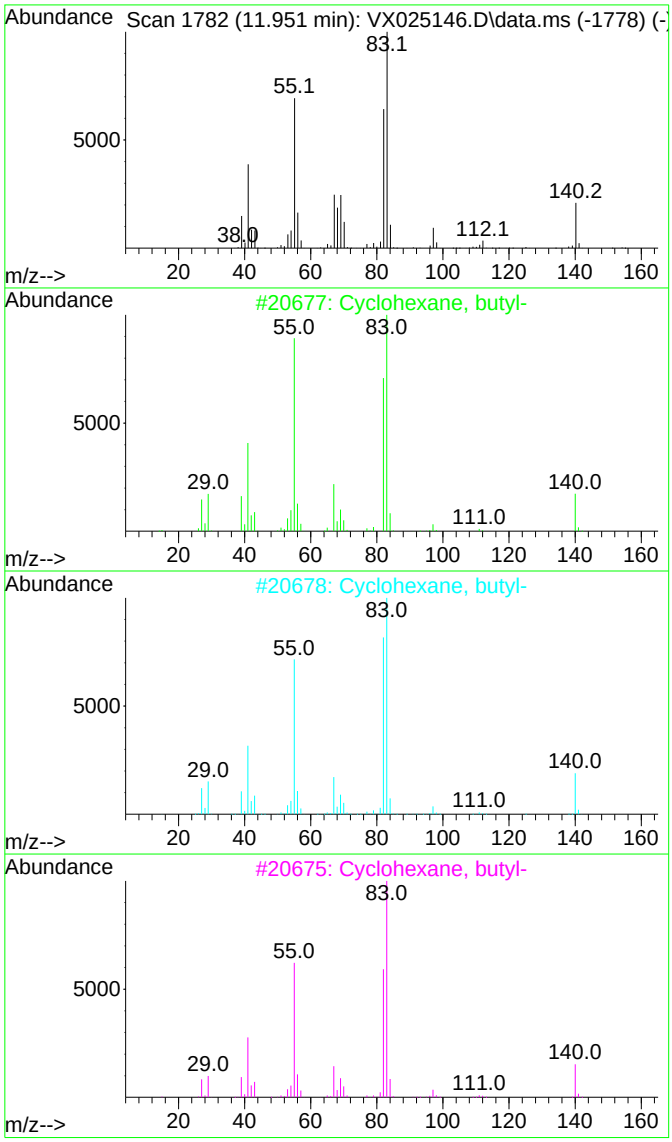
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

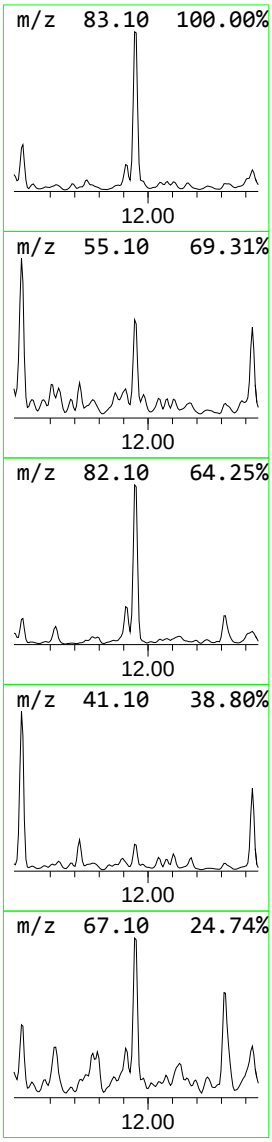
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic-11.951 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	76.89 ug/L	1897080	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

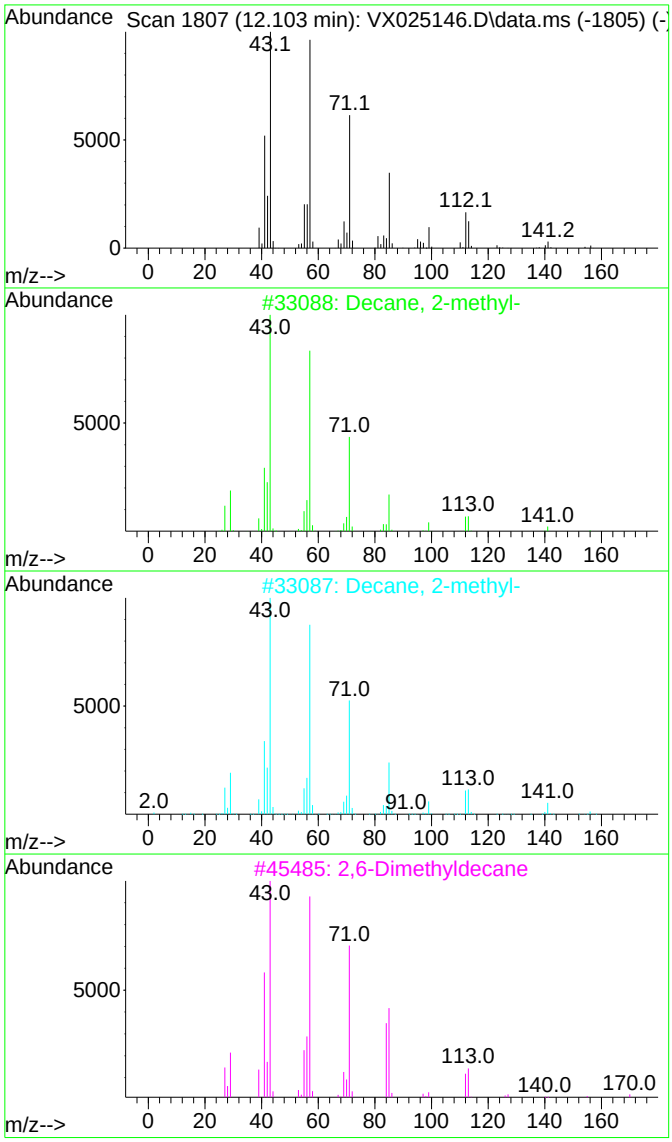
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

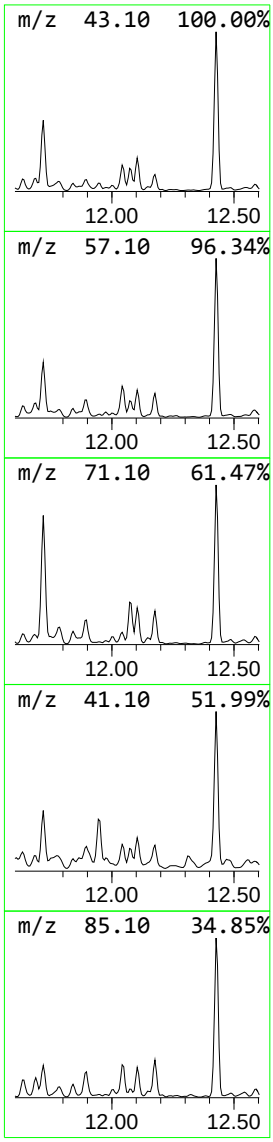
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.103	36.18 ug/L	892690	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	91
2	Decane, 2-methyl-	156	C11H24	006975-98-0	91
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	80
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

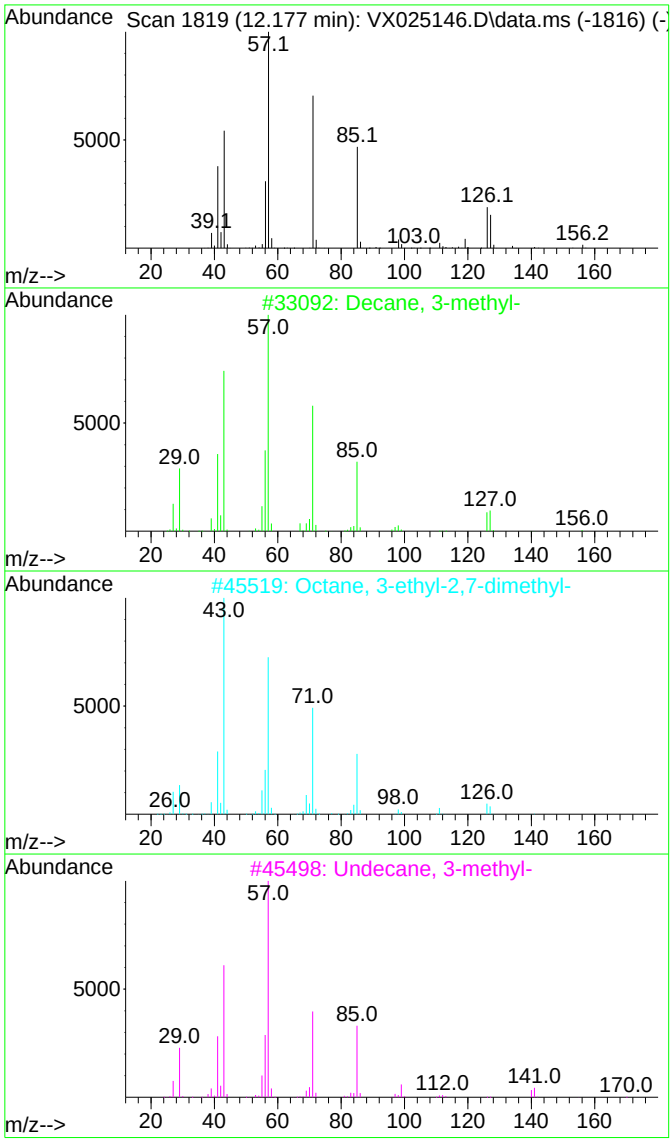
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

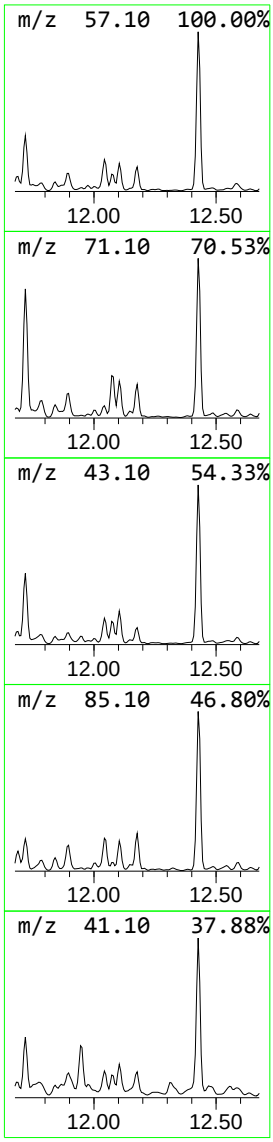
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.177	42.15 ug/L	1040130	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

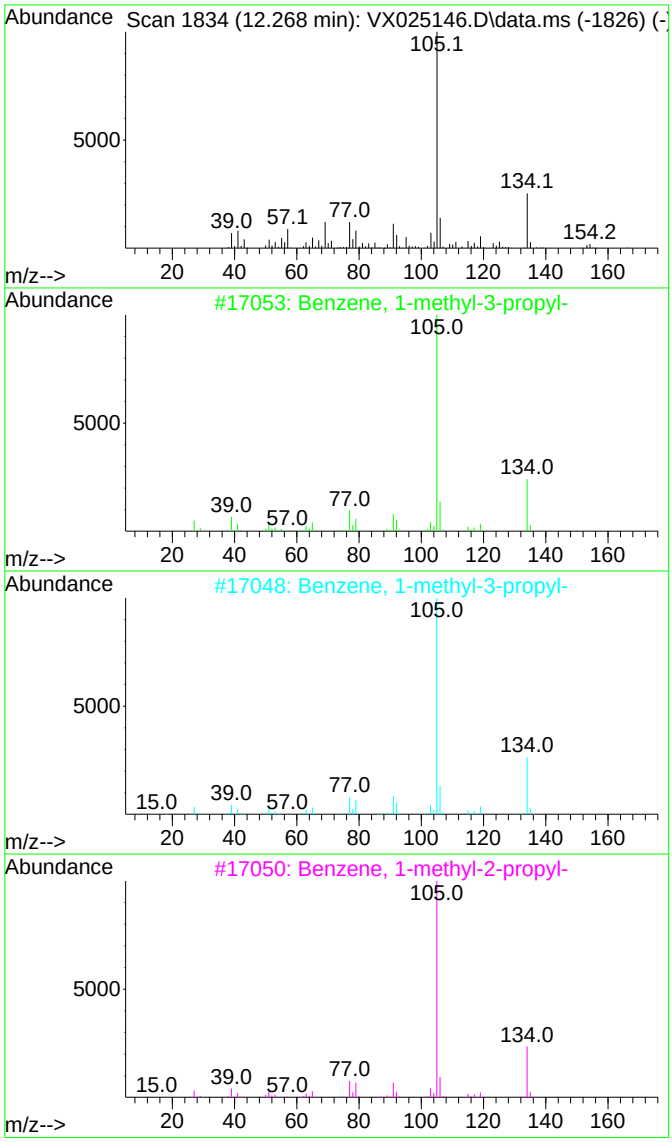
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

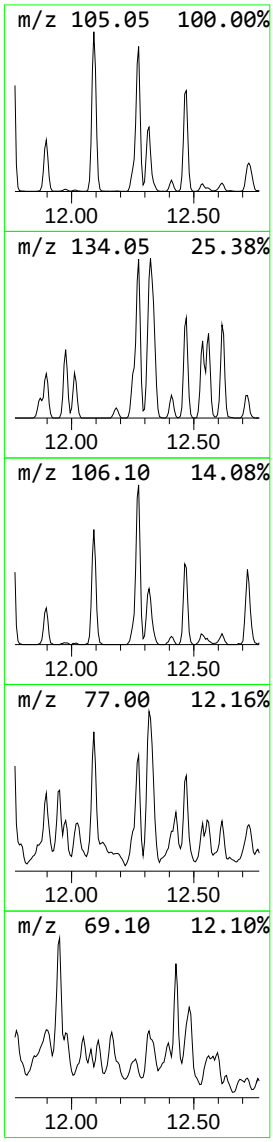
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1-methyl-3-propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.268	29.27 ug/L	722125	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	81
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

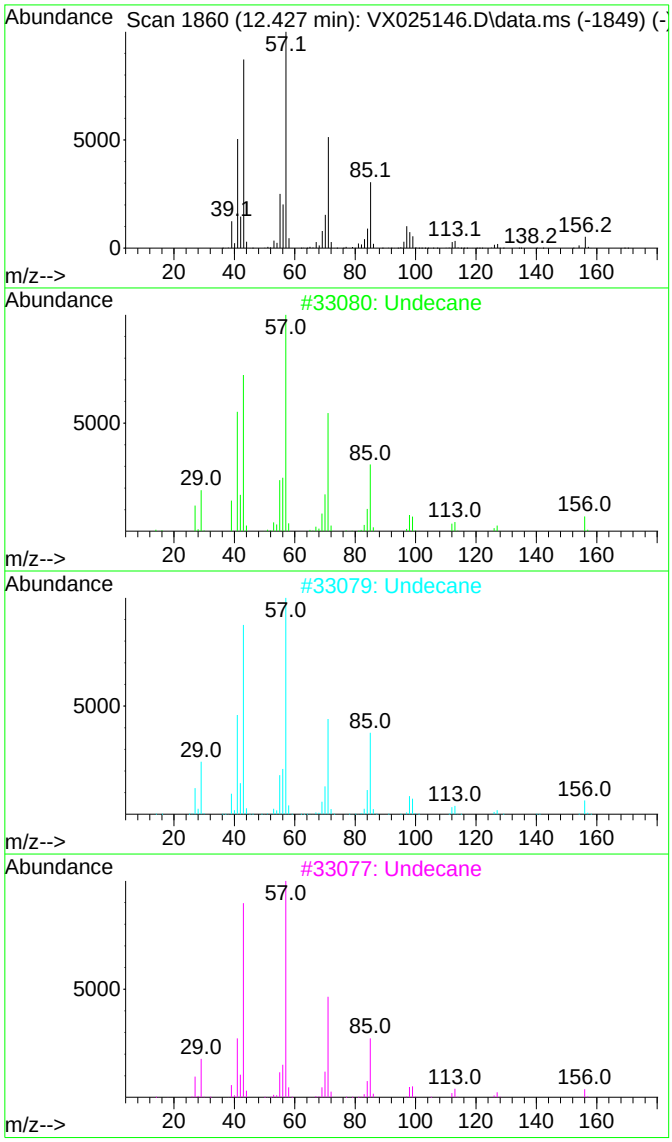
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

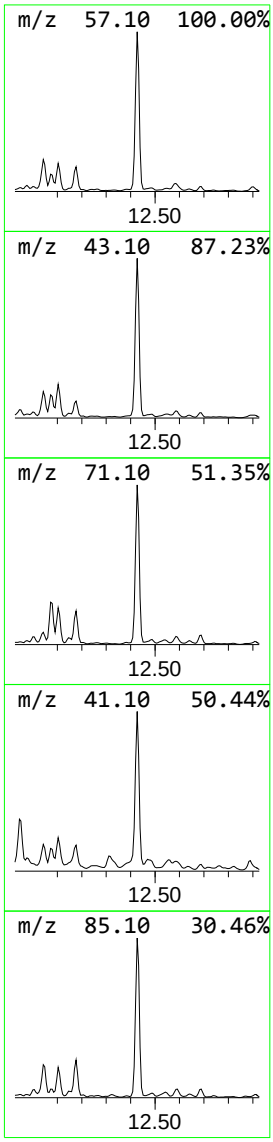
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	232.86 ug/L	5745610	1,4-Dichlorobenzene-d4	12.030

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	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

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

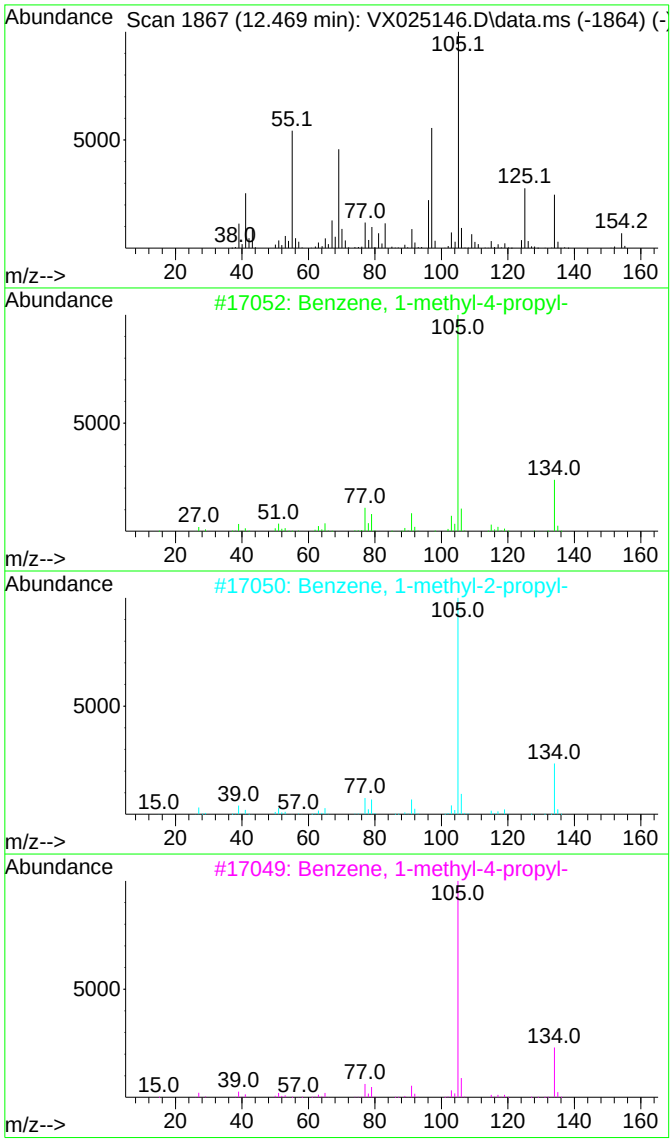
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

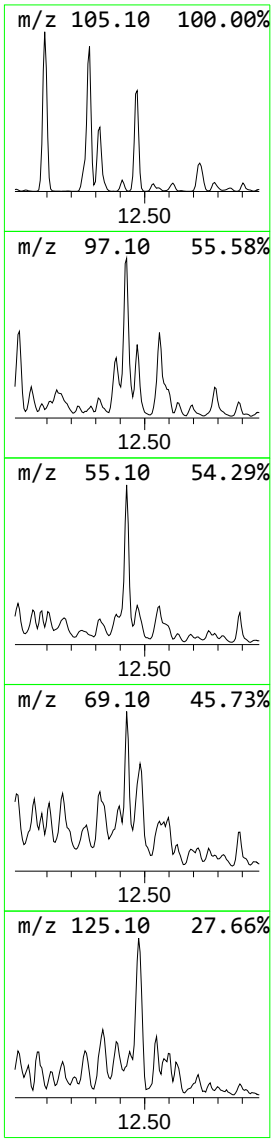
****

Peak Number 41 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	34.25 ug/L	845200	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	74
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

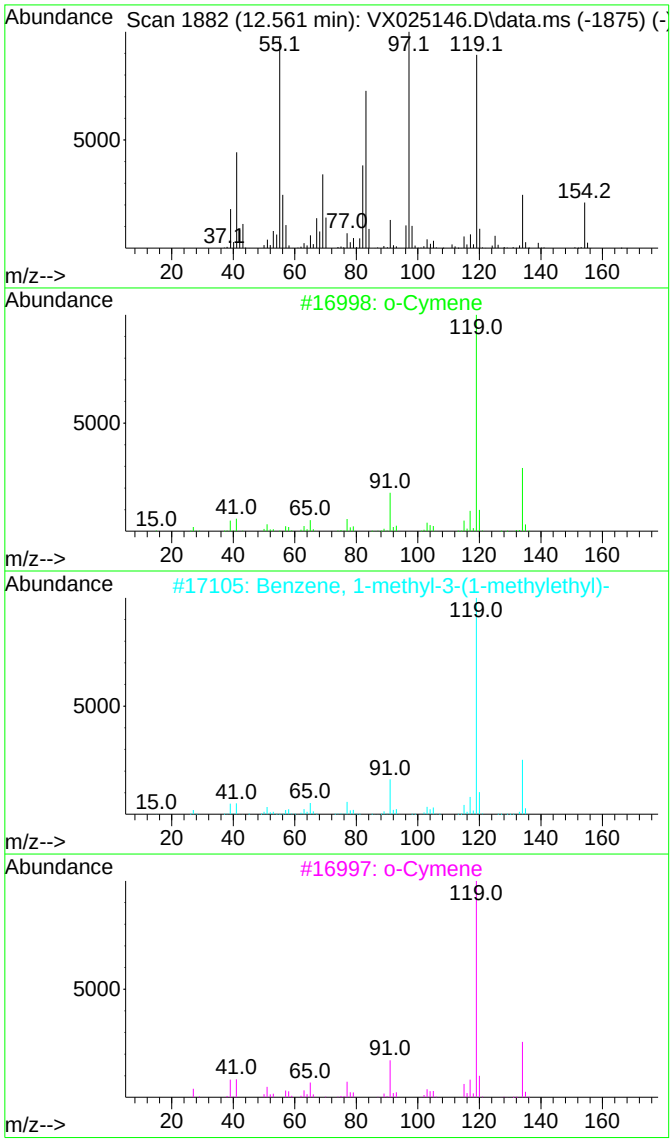
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

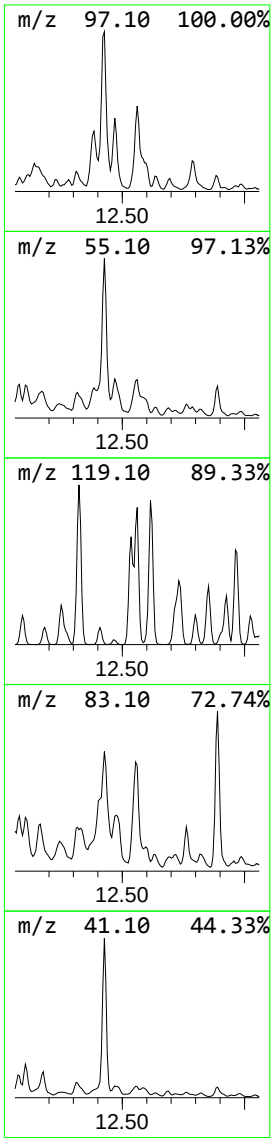
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 o-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.561	30.46 ug/L	751594	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	68
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
3	o-Cymene	134	C10H14	000527-84-4	62
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

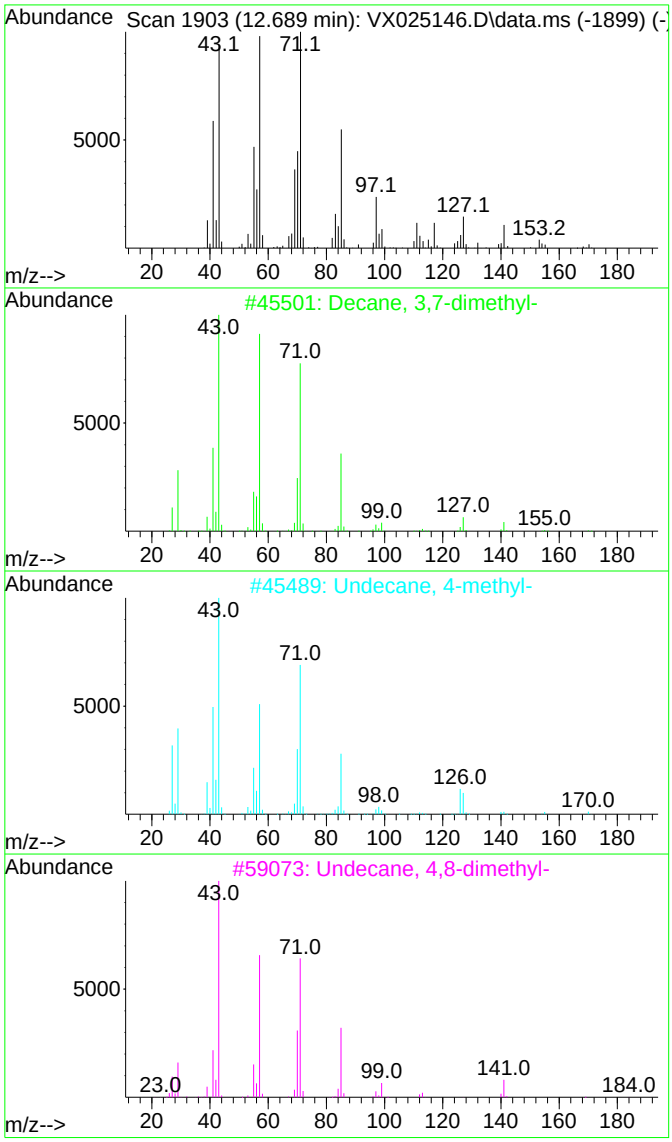
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

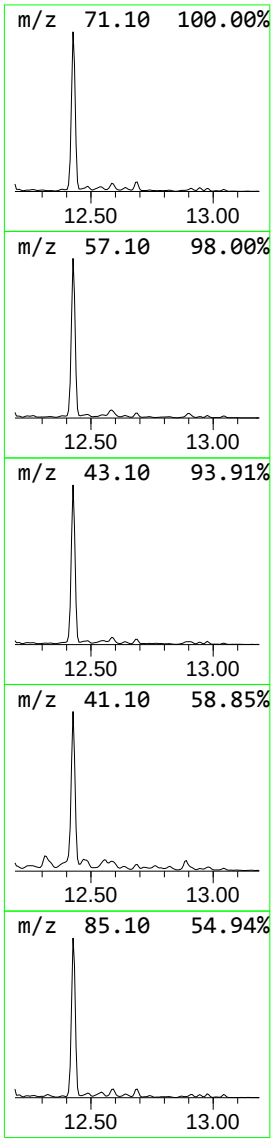
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.689	11.85 ug/L	292452	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	81
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	74
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

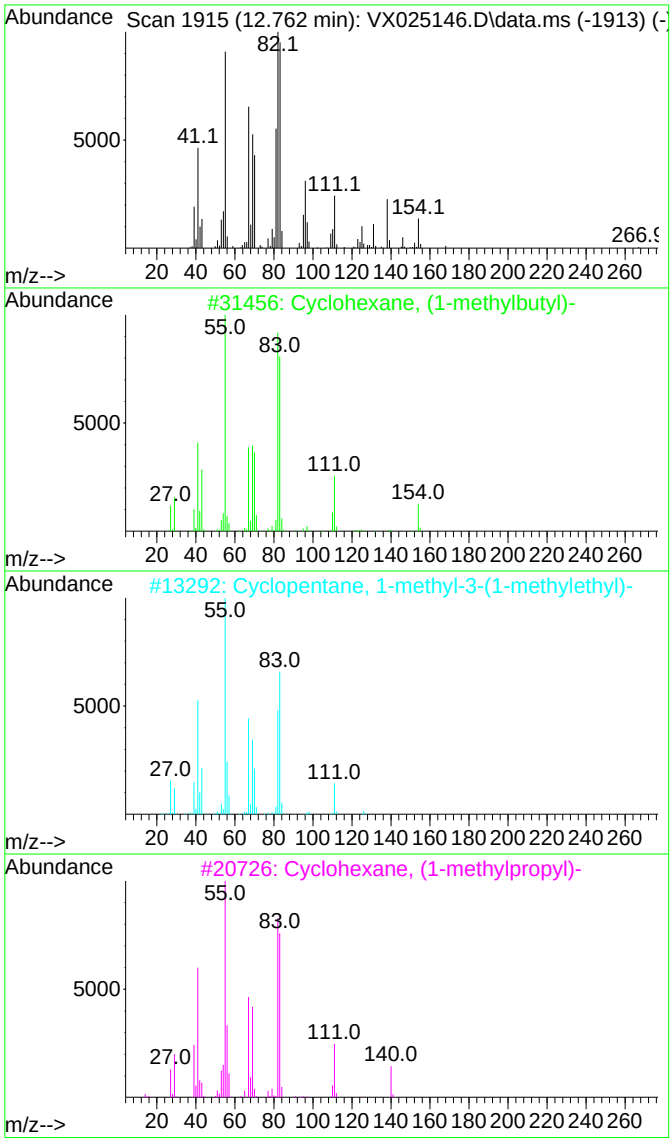
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

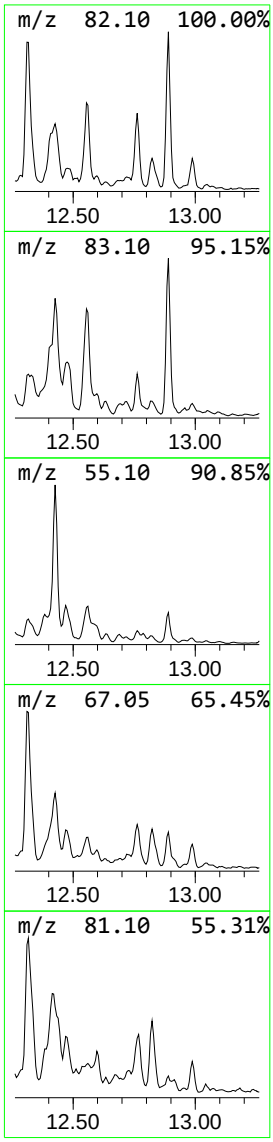
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Cyclic-12.762 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.762	4.07 ug/L	100421	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	93
2	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	68
3	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	50
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	47
5	Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

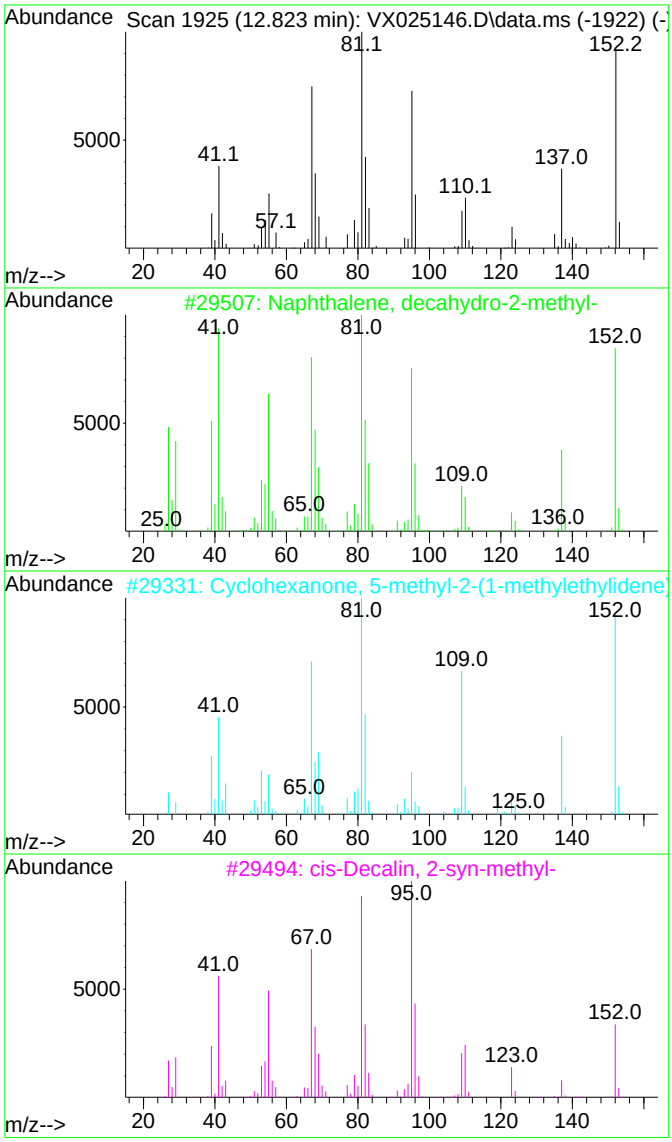
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

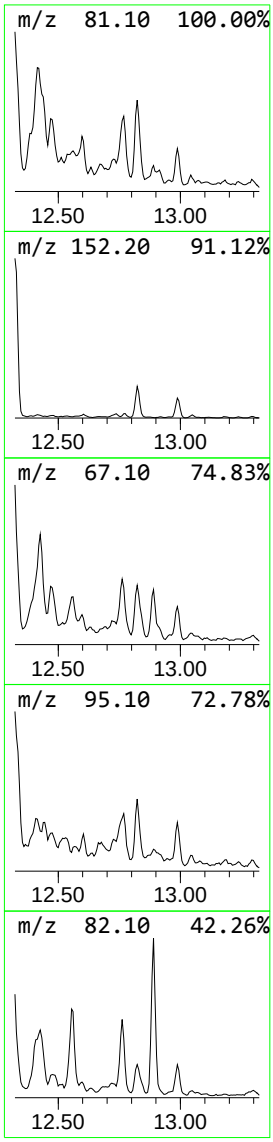
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Naphthalene, decahydro-2-me... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.823	10.74 ug/L	265115	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	87
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
4	Pulegone	152	C10H16O	000089-82-7	74
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

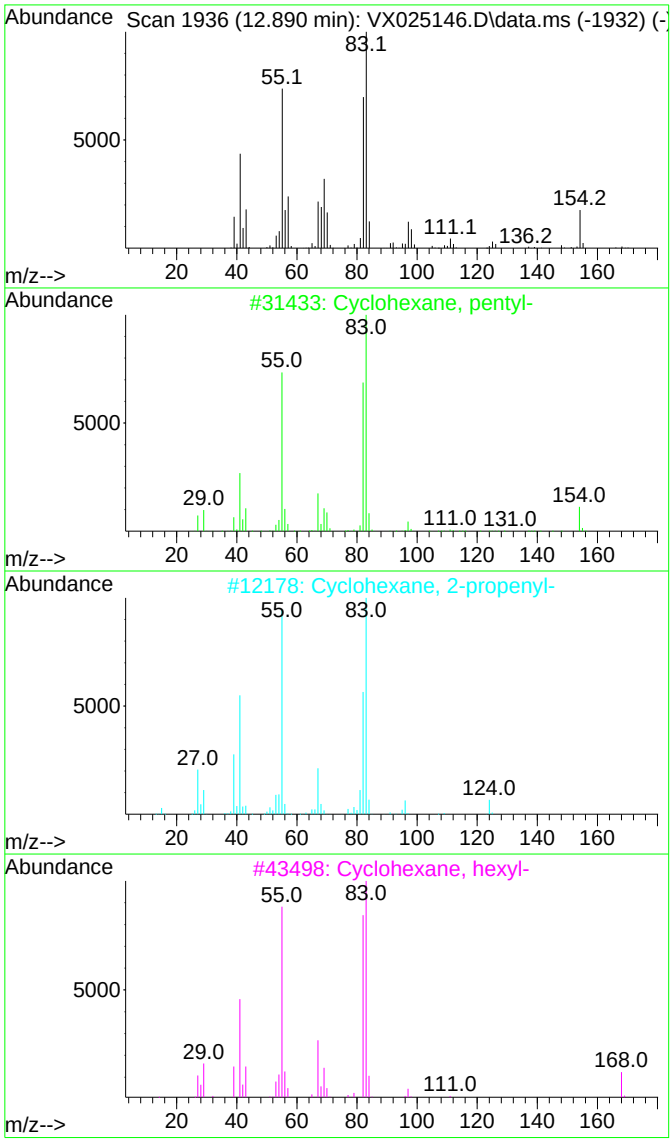
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

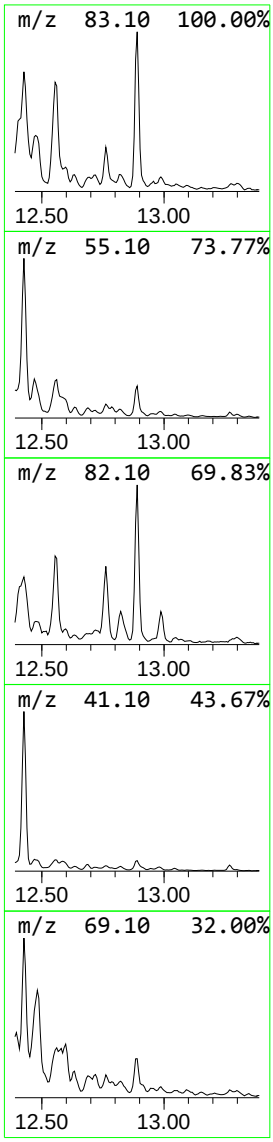
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic-12.890 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	21.57 ug/L	532196	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	83
2	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

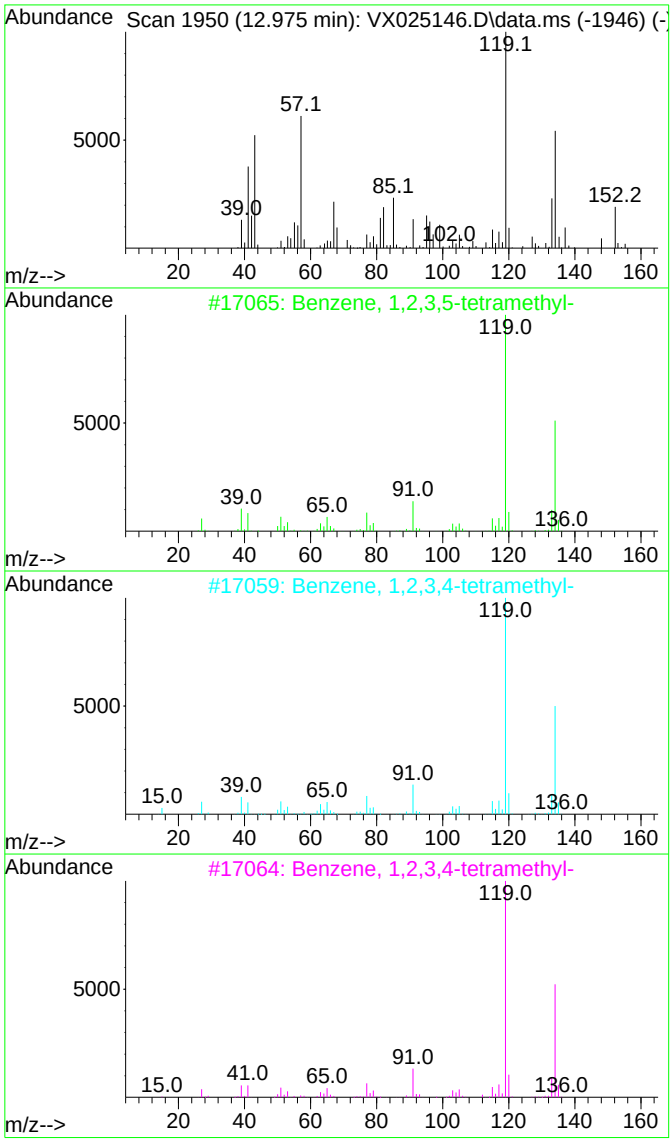
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

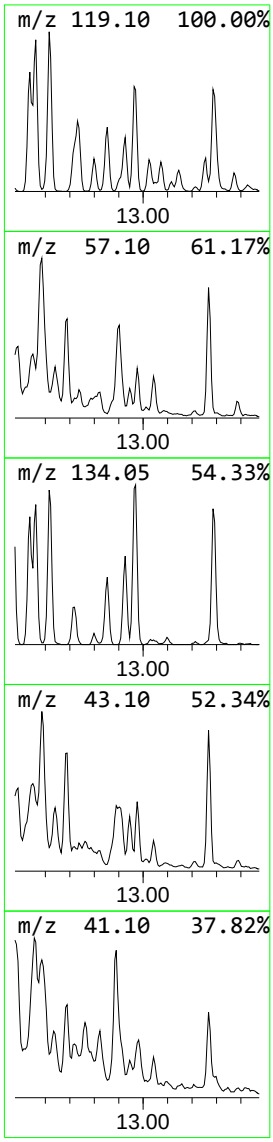
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.975	11.64 ug/L	287185	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

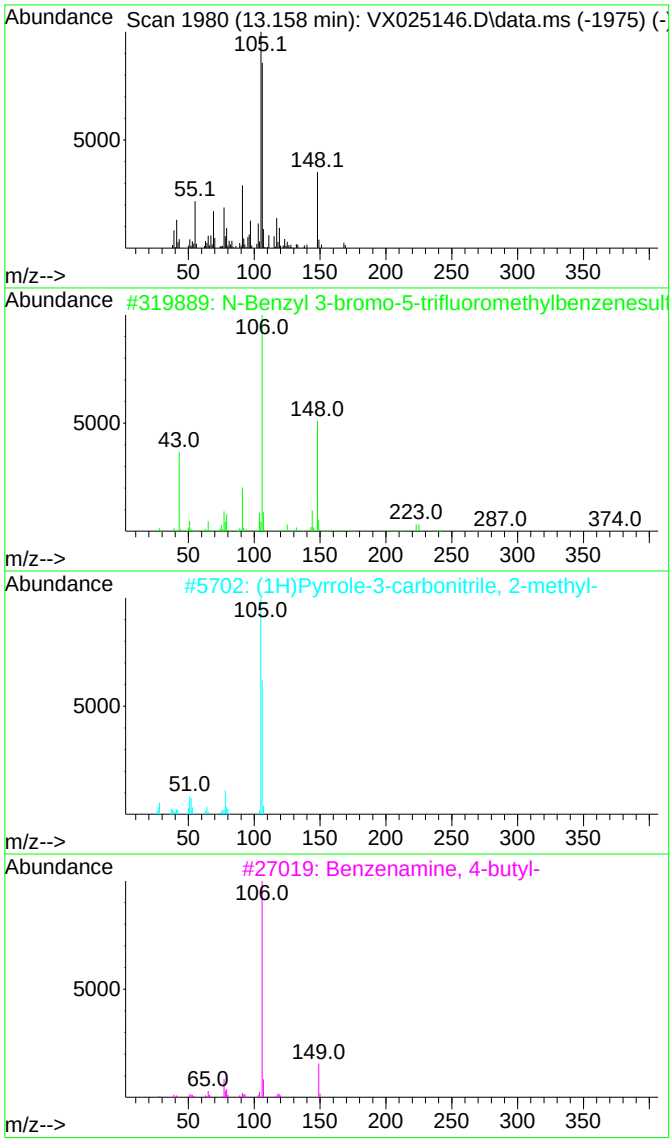
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

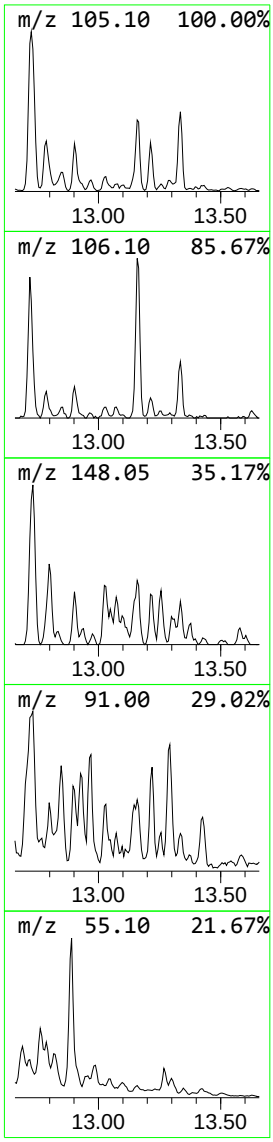
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.158	3.16 ug/L	78026	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzyl 3-bromo-5-trifluorometh...	435	C16H13BrF3NO3S	1000503-04-4	47
2	(1H)Pyrrole-3-carbonitrile, 2-me...	106	C6H6N2	026187-27-9	43
3	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	38
4	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	38
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

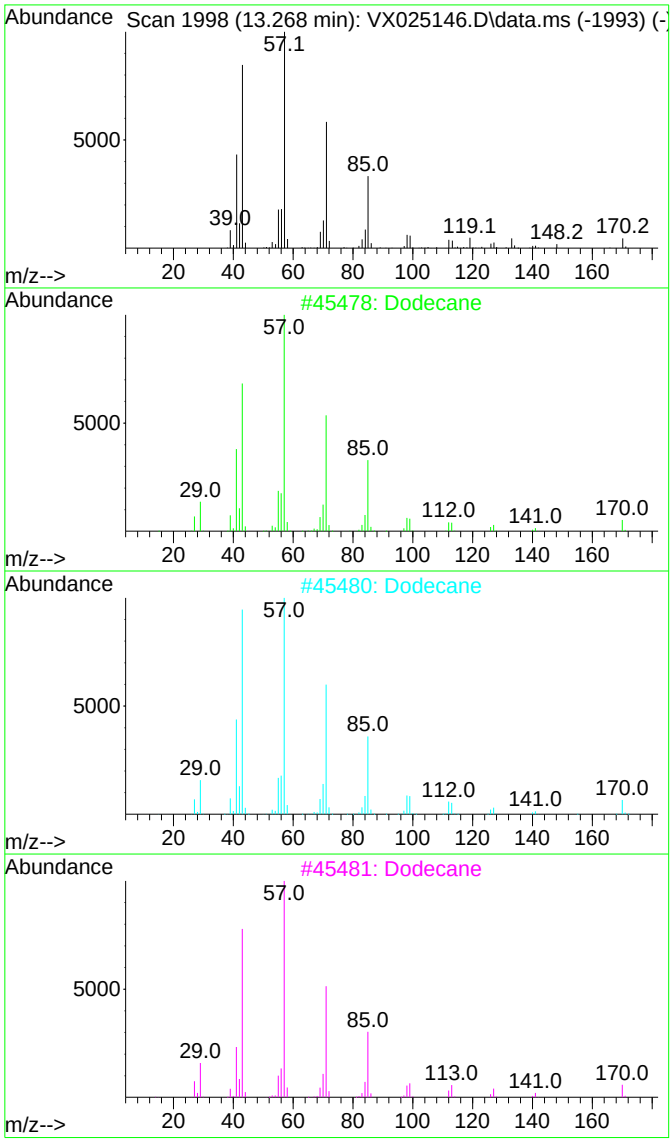
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

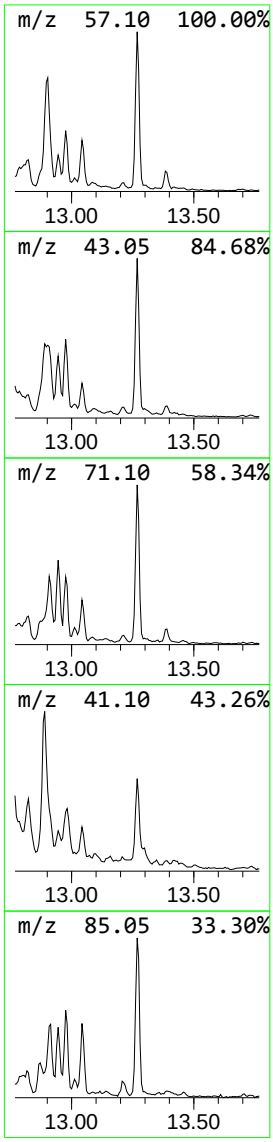
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	8.99 ug/L	221777	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	93
3	Dodecane	170	C12H26	000112-40-3	87
4	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	80
5	Decane	142	C10H22	000124-18-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

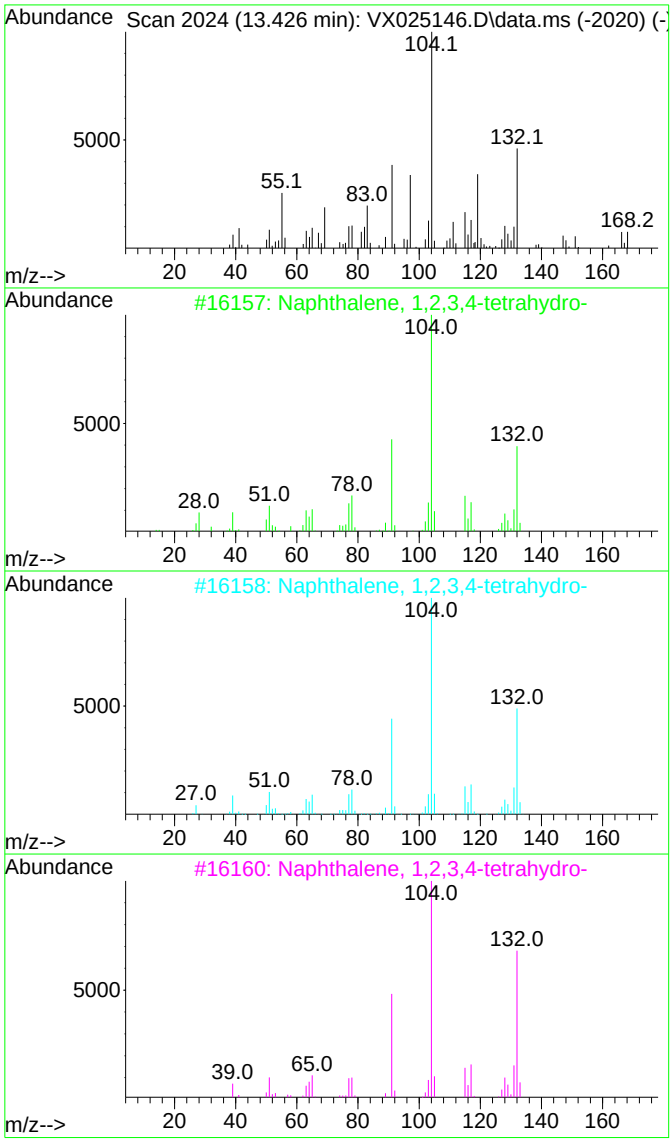
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

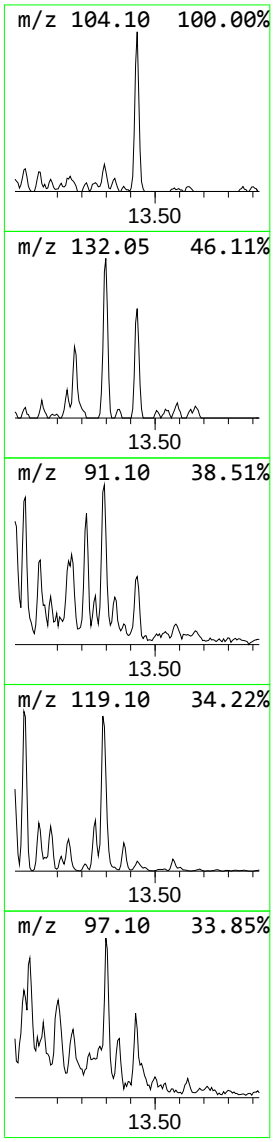
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.426	3.66 ug/L	90414	1,4-Dichlorobenzene-d4	12.030

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	83
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	78
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	53
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025146.D
Acq On : 12 Nov 2021 11:35
Operator : JC/MD
Sample : M4615-02
Misc : 4.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V01

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...	3.209	106.6	ug/L	971435	1	6.763	455707	50.0
(DEL) Alkane: S...	7.092	5.8	ug/L	52688	1	6.763	455707	50.0
Acetic acid, 1,...	7.434	487.7	ug/L	4445230	1	6.763	455707	50.0
(DEL) Alkane: C...	8.598	7.0	ug/L	71781	2	10.061	516458	50.0
(DEL) Alkane: C...	9.098	4.1	ug/L	42006	2	10.061	516458	50.0
(DEL) Alkane: C...	9.506	30.8	ug/L	317650	2	10.061	516458	50.0
(DEL) Alkane: C...	9.561	12.6	ug/L	130341	2	10.061	516458	50.0
(DEL) Alkane: C...	9.622	12.8	ug/L	132004	2	10.061	516458	50.0
(DEL) Alkane: C...	9.762	3.9	ug/L	40167	2	10.061	516458	50.0
(DEL) Alkane: C...	9.836	53.5	ug/L	552186	2	10.061	516458	50.0
(DEL) Alkane: S...	9.903	33.3	ug/L	343637	2	10.061	516458	50.0
(DEL) Alkane: C...	10.116	3.8	ug/L	39179	2	10.061	516458	50.0
(DEL) Alkane: S...	10.360	183.9	ug/L	1899260	2	10.061	516458	50.0
(DEL) Alkane: C...	10.457	12.7	ug/L	130622	2	10.061	516458	50.0
(DEL) Alkane: S...	10.537	3.3	ug/L	34412	2	10.061	516458	50.0
(DEL) Alkane: C...	10.592	126.9	ug/L	1311160	2	10.061	516458	50.0
(DEL) Alkane: S...	10.781	152.2	ug/L	1572340	2	10.061	516458	50.0
(DEL) Alkane: C...	10.860	178.4	ug/L	1842300	2	10.061	516458	50.0
(DEL) Alkane: S...	10.896	61.7	ug/L	637426	2	10.061	516458	50.0
(DEL) Alkane: C...	10.951	49.0	ug/L	506003	2	10.061	516458	50.0
(1,2,4-Trimethy...	11.006	24.0	ug/L	247894	2	10.061	516458	50.0
(DEL) Alkane: S...	11.031	30.9	ug/L	318796	2	10.061	516458	50.0
(DEL) Alkane: S...	11.085	52.1	ug/L	1284760	3	12.030	1233700	50.0
(DEL) Alkane: S...	11.110	47.6	ug/L	1174720	3	12.030	1233700	50.0
Benzene, propyl-	11.311	3.6	ug/L	89563	3	12.030	1233700	50.0
(DEL) Alkane: C...	11.341	25.0	ug/L	616922	3	12.030	1233700	50.0
(DEL) Alkane: C...	11.390	31.3	ug/L	773357	3	12.030	1233700	50.0
(DEL) Alkane: C...	11.530	8.8	ug/L	216004	3	12.030	1233700	50.0
(DEL) Alkane: C...	11.573	10.2	ug/L	252294	3	12.030	1233700	50.0
(DEL) Alkane: C...	11.610	22.3	ug/L	551328	3	12.030	1233700	50.0
(DEL) Alkane: S...	11.689	21.3	ug/L	526072	3	12.030	1233700	50.0
(DEL) Alkane: S...	11.841	19.2	ug/L	473853	3	12.030	1233700	50.0
(DEL) Alkane: C...	11.866	8.1	ug/L	199822	3	12.030	1233700	50.0
(DEL) Alkane: S...	11.896	37.3	ug/L	919468	3	12.030	1233700	50.0
(DEL) Alkane: C...	11.951	76.9	ug/L	1897080	3	12.030	1233700	50.0
(DEL) Alkane: S...	12.103	36.2	ug/L	892690	3	12.030	1233700	50.0
(DEL) Alkane: S...	12.177	42.1	ug/L	1040130	3	12.030	1233700	50.0
Benzene, 1-meth...	12.268	29.3	ug/L	722125	3	12.030	1233700	50.0
(DEL) Alkane: S...	12.427	232.9	ug/L	5745610	3	12.030	1233700	50.0
Benzene, 1-meth...	12.469	34.3	ug/L	845200	3	12.030	1233700	50.0
o-Cymene	12.561	30.5	ug/L	751594	3	12.030	1233700	50.0
(DEL) Alkane: S...	12.689	11.9	ug/L	292452	3	12.030	1233700	50.0
(DEL) Alkane: C...	12.762	4.1	ug/L	100421	3	12.030	1233700	50.0
Naphthalene, de...	12.823	10.7	ug/L	265115	3	12.030	1233700	50.0
(DEL) Alkane: C...	12.890	21.6	ug/L	532196	3	12.030	1233700	50.0
Benzene, 1,2,3,...	12.975	11.6	ug/L	287185	3	12.030	1233700	50.0
unknown-01	13.158	3.2	ug/L	78026	3	12.030	1233700	50.0
(DEL) Alkane: S...	13.268	9.0	ug/L	221777	3	12.030	1233700	50.0
Naphthalene, 1,...	13.426	3.7	ug/L	90414	3	12.030	1233700	50.0