LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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: VX025154.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	60	rBV2	744930	930390	3.43%	0.917%
2	1.666	91	95	104	rVB	65066	79574	0.29%	0.078%
3	2.306	194	200	210	rBV	152256	239573	0.88%	0.236%
4	2.709	261	266	273	rBV	15408	25607	0.09%	0.025%
5	2.782	275	278	285	rVB5	2209	4522	0.02%	0.004%
6	3.020	297	317	343	rBV	66199	394811	1.46%	0.389%
7	4.465	544	554	567	rBV	54894	161326	0.60%	0.159%
8	5.062	639	652	673	rBV	93933	277039	1.02%	0.273%
9	5.970	786	801	818	rBV2	232763	702670	2.59%	0.693%
10	6.354	855	864	871	rBV5	2251	6420	0.02%	0.006%
11	6.611	899	906	915	rBV6	2325	7230	0.03%	0.007%
12	6.763	920	931	949	rBV	200697	481483	1.78%	0.475%
13	7.098	977	986	1000	rVB3	51175	135818	0.50%	0.134%
14	7.312	1012	1021	1029	rBV	140303	314784	1.16%	0.310%
15	7.440	1029	1042	1049	rVV	11870686	27097427	100.00%	26.705%
16	7.501	1049	1052	1061	rVB	83950	147717	0.55%	0.146%
17	7.781	1092	1098	1106	rVB5	2965	7602	0.03%	0.007%
18	7.958	1118	1127	1136	rVB5	4553	11365	0.04%	0.011%
19	8.196	1160	1166	1171	rBV4	2687	6331	0.02%	0.006%
20	8.275	1174	1179	1183	rVV	16598	28133	0.10%	0.028%
21	8.324	1183	1187	1195	rVB	116649	192947	0.71%	0.190%
22	8.439	1201	1206	1210	rBV	13482	21582	0.08%	0.021%
23	8.598	1225	1232	1236	rBV	60383	111652	0.41%	0.110%
24	8.653	1236	1241	1248	rVB	380265	611137	2.26%	0.602%
25	8.720	1248	1252	1257	rVB	15843	23590	0.09%	0.023%
26	8.775	1257	1261	1265	rBV3	8561	11934	0.04%	0.012%
27	8.848	1270	1273	1278	rVB2	10567	15583	0.06%	0.015%
28	8.915	1278	1284	1287	rBV	110057	155733	0.57%	0.153%
29	8.952	1287	1290	1293	rBV	66425	94183	0.35%	0.093%
30	9.104	1306	1315	1321	rBV	42108	65265	0.24%	0.064%
31	9.165	1321	1325	1328	rBV4	3332	5142	0.02%	0.005%
32	9.208	1328	1332	1334	rBV2	4001	6146	0.02%	0.006%
33	9.293	1339	1346	1352	rVB	16466	26963	0.10%	0.027%
34	9.391	1352	1362	1371	rBV	330999	480420	1.77%	0.473%
35	9.506	1375	1381	1387	rBV3	281009	465258	1.72%	0.459%
36	9.567	1387	1391	1395	rVB	140483	193536	0.71%	0.191%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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	121048	188602	0.70%	0.186%
38	9.762	1418	1423	1428	rVB	38700	59769	0.22%	0.059%
39	9.836	1428	1435	1440	rBV2	495445	809644	2.99%	0.798%
40	9.909	1440	1447	1451	rVB3	252429	482994	1.78%	0.476%
41	9.951	1451	1454	1457	rVB2	9252	10910	0.04%	0.011%
42	10.012	1457	1464	1467	rBV	257630	351493	1.30%	0.346%
43	10.055	1467	1471	1476	rVB	441676	572541	2.11%	0.564%
44	10.122	1476	1482	1487	rVB4	30830	61067	0.23%	0.060%
45	10.189	1487	1493	1497	rBV3	311066	572278	2.11%	0.564%
46	10.238	1497	1501	1505	rBV	562318	797838	2.94%	0.786%
47	10.281	1505	1508	1510	rVV2	248870	324339	1.20%	0.320%
48	10.323	1511	1515	1518	rVV	513205	685503	2.53%	0.676%
49	10.366	1518	1522	1532	rVB2	2103740	2735226	10.09%	2.696%
50	10.457	1532	1537	1543	rBV2	127580	185681	0.69%	0.183%
51	10.537	1546	1550	1551	rBV	38663	44333	0.16%	0.044%
52	10.592	1551	1559	1563	rBV	1081429	1863629	6.88%	1.837%
53	10.671	1570	1572	1576	rVB	165818	175798	0.65%	0.173%
54	10.787	1582	1591	1595	rBV2	1420625	2195915	8.10%	2.164%
55	10.860	1595	1603	1607	rBV3	1514380	2627276	9.70%	2.589%
56	10.896	1607	1609	1614	rVB	736176	905022	3.34%	0.892%
57	10.951	1614	1618	1623	rVB3	481830	709992	2.62%	0.700%
58	11.006	1623	1627	1629	rBV2	286964	420359	1.55%	0.414%
59	11.030	1629	1631	1635	rVB	395575	434547	1.60%	0.428%
60	11.091	1635	1641	1643	rBV3	1190380	1955867	7.22%	1.928%
61	11.110	1643	1644	1651	rVB	1186939	1291335	4.77%	1.273%
62	11.195	1651	1658	1661	rBV2	1704170	2619302	9.67%	2.581%
63	11.305	1673	1676	1678	rBV	156605	176867	0.65%	0.174%
64	11.347	1678	1683	1686	rVV2	532108	844835	3.12%	0.833%
65	11.384	1686	1689	1694	rVV3	793666	1263160	4.66%	1.245%
66	11.433	1694	1697	1701	rVV	1933457	2816897	10.40%	2.776%
67	11.482	1701	1705	1710	rVB	9188417	11681798	43.11%	11.513%
68	11.530	1710	1713	1716	rVB3	248660	317166	1.17%	0.313%
69	11.573	1717	1720	1723	rBV3	266542	368202	1.36%	0.363%
70	11.610	1723	1726	1729	rBV3	646068	1074995	3.97%	1.059%
71	11.683	1735	1738	1741	rBV3	456148	602311	2.22%	0.594%
72	11.719	1741	1744	1747	rVV	1949948	2199157	8.12%	2.167%
73	11.756	1747	1750	1760	rVB	1641887	3196118	11.79%	3.150%
74	11.841	1760	1764	1765	rBV	346423	405268	1.50%	0.399%
75	11.866	1766	1768	1770	rBV	259573	285972	1.06%	0.282%
76	11.896	1770	1773	1778	rVB3	769546	1179923	4.35%	1.163%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C0V15

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	11.951	1778	1782	1785	rBV	2088940	2591705	9.56%	2.554%
78	12.079	1800	1803	1805	rBV	667498	949778	3.51%	0.936%
79	12.177	1816	1819	1826	rVB2	722900	1082894	4.00%	1.067%
80	12.250	1826	1831	1832	rBV3	331923	461133	1.70%	0.454%
81	12.268	1832	1834	1838	rVV	445272	554910	2.05%	0.547%
82	12.317	1838	1842	1849	rVB3	1486139	2614019	9.65%	2.576%
83	12.427	1849	1860	1864	rBV	3820252	5018734	18.52%	4.946%
84	12.469	1864	1867	1873	rVB4	691607	1095594	4.04%	1.080%
85	12.555	1875	1881	1885	rBV2	524244	1042020	3.85%	1.027%
86	12.719	1899	1908	1912	rBV6	234457	705122	2.60%	0.695%
87	12.762	1912	1915	1918	rVV2	180503	236359	0.87%	0.233%
88	12.823	1922	1925	1928	rVV2	125601	160942	0.59%	0.159%
89	12.890	1932	1936	1940	rBV2	346816	491841	1.82%	0.485%
90	12.963	1945	1948	1955	rVB2	184667	387601	1.43%	0.382%
91	13.042	1955	1961	1964	rBV4	70453	136205	0.50%	0.134%
92	13.158	1974	1980	1986	rVV4	64238	129684	0.48%	0.128%
93	13.213	1986	1989	1992	rVV2	43283	50286	0.19%	0.050%
94	13.292	1992	2002	2007	rVV3	195563	424236	1.57%	0.418%
95	13.335	2007	2009	2013	rVB	31328	35598	0.13%	0.035%
96	13.426	2020	2024	2033	rVB2	60853	113274	0.42%	0.112%
97	13.506	2034	2037	2041	rBV5	15020	21952	0.08%	0.022%
98	13.585	2046	2050	2055	rBV3	18961	33398	0.12%	0.033%
99	13.780	2077	2082	2089	rVB	61214	89911	0.33%	0.089%
100	14.213	2150	2153	2161	rVB6	2632	5602	0.02%	0.006%

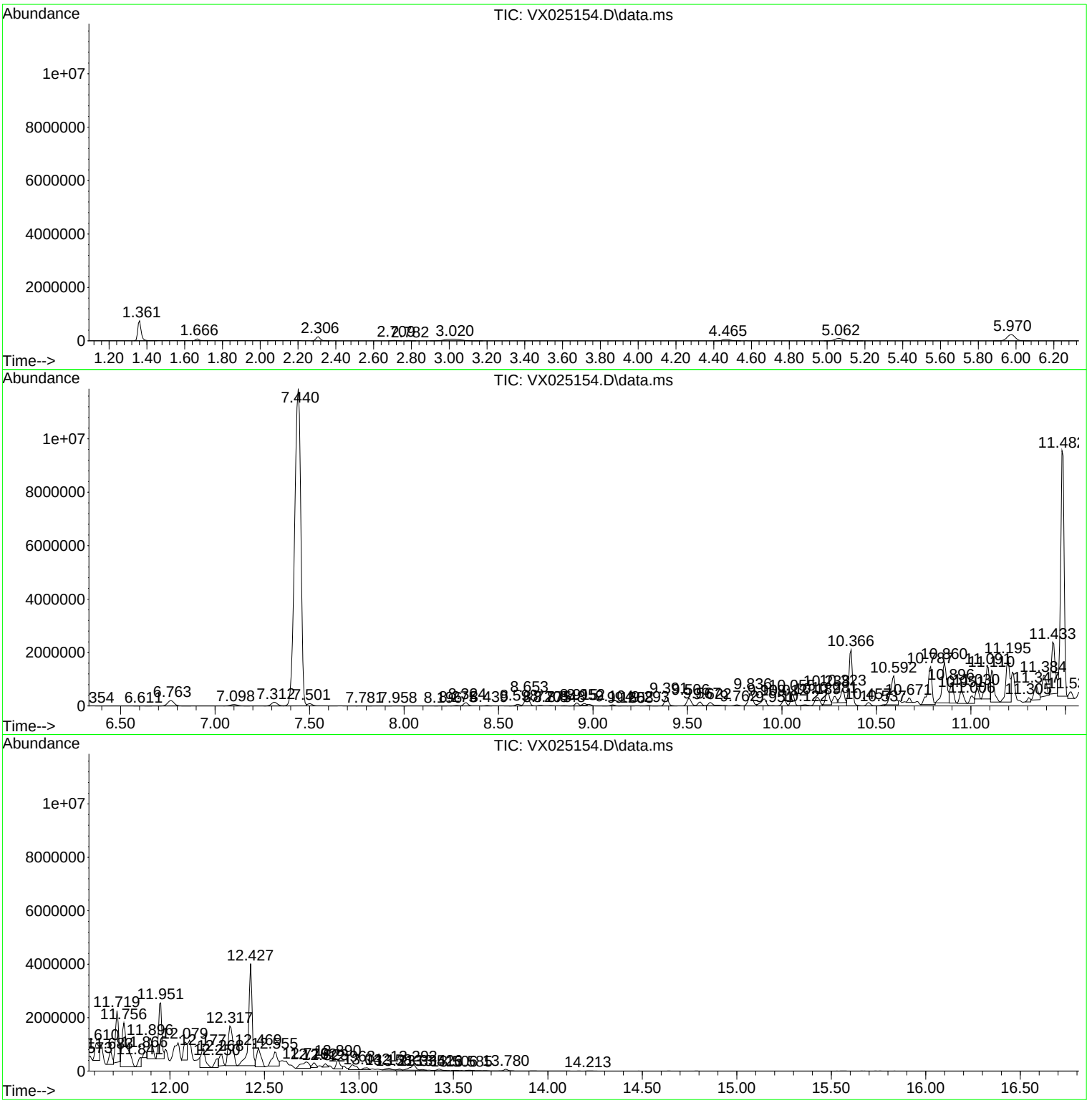
Sum of corrected areas: 101467620

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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 : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

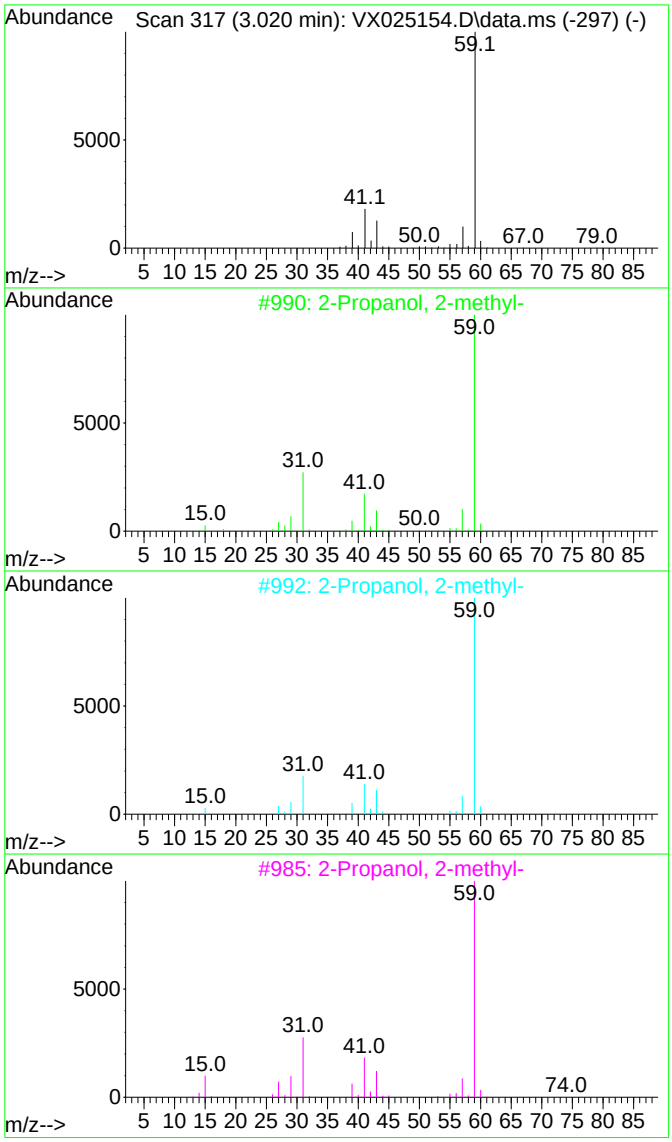
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

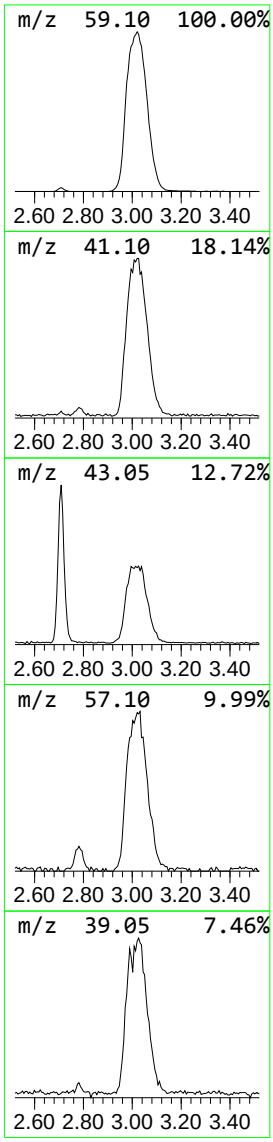
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Propanol, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.020	41.00 ug/L	394811	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	83
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	64
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	40
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

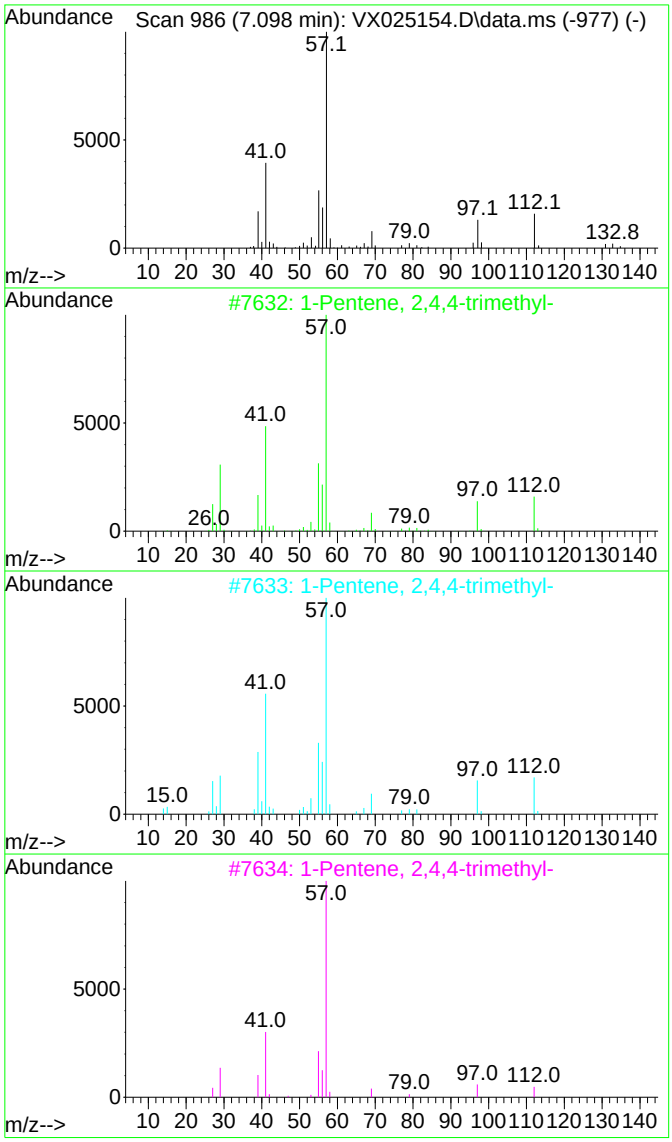
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

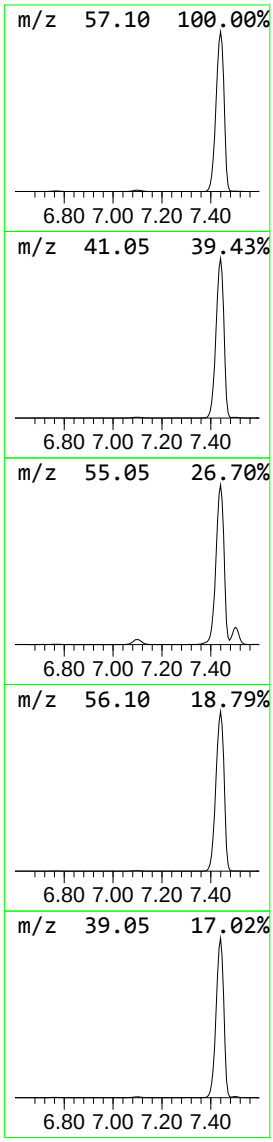
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.098	14.10 ug/L	135818	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	87
2	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	72
3	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	64
4	2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	64
5	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

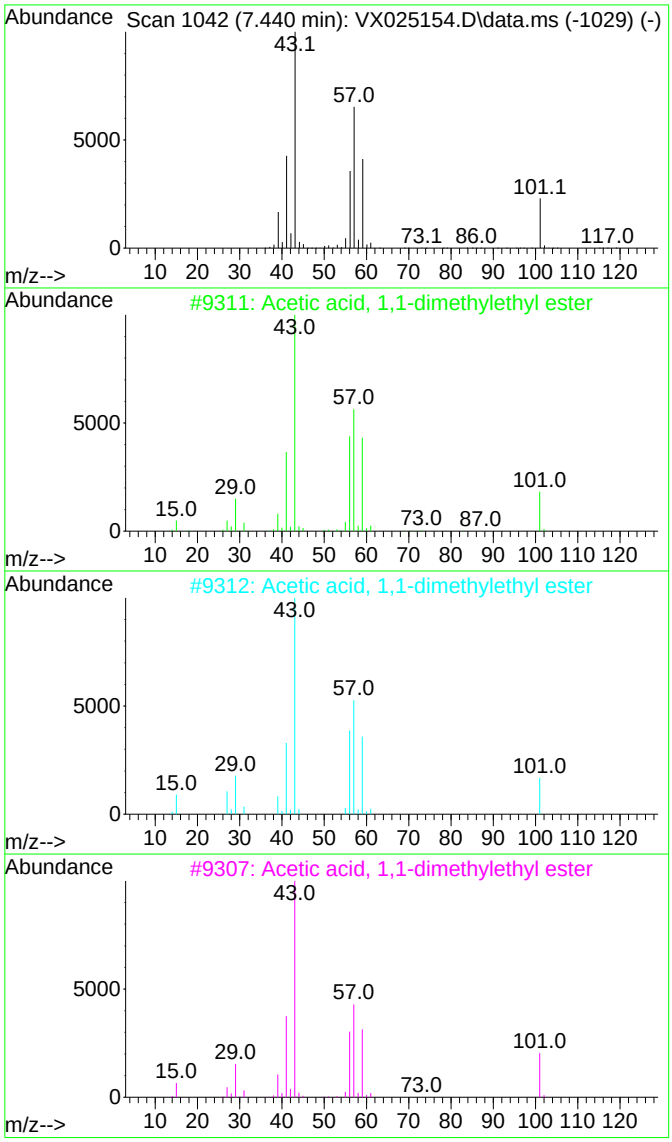
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

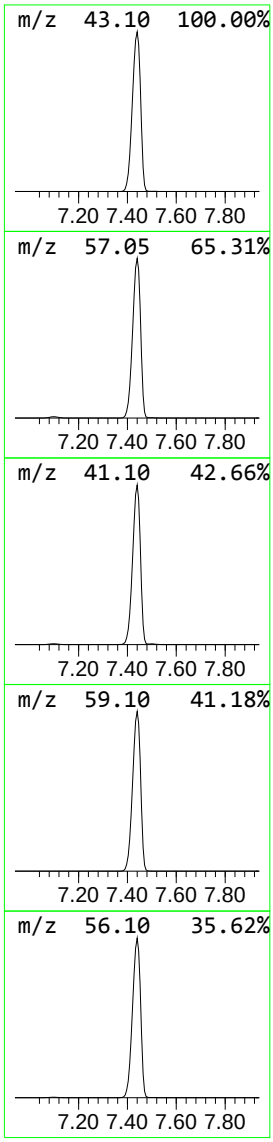
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.440	2813.95 ug/L	27097400	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 : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

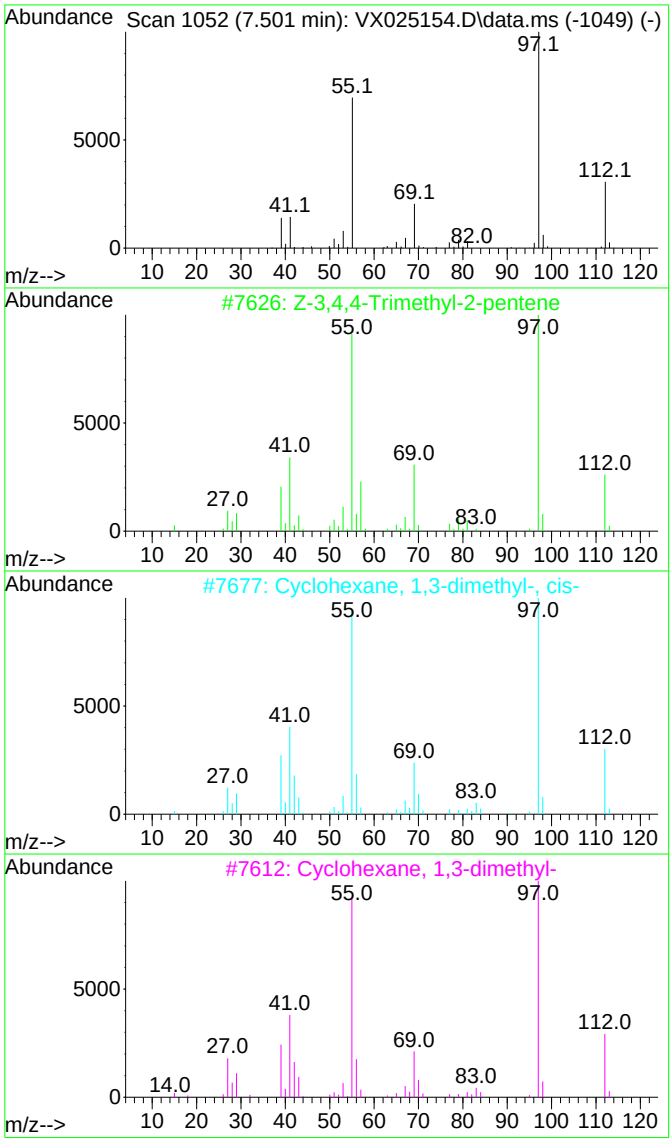
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

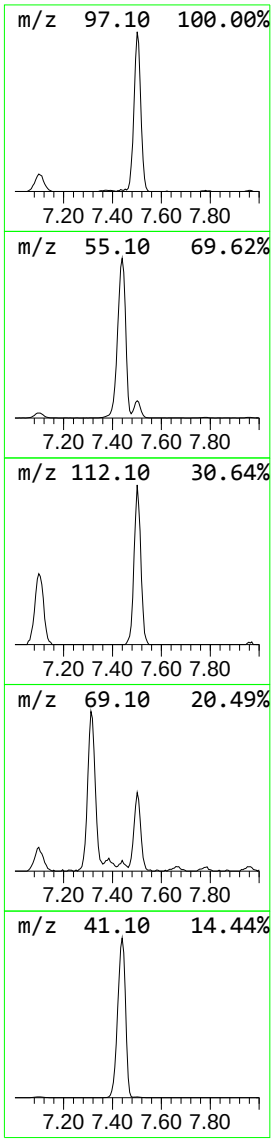
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	15.34 ug/L	147717	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	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	90
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

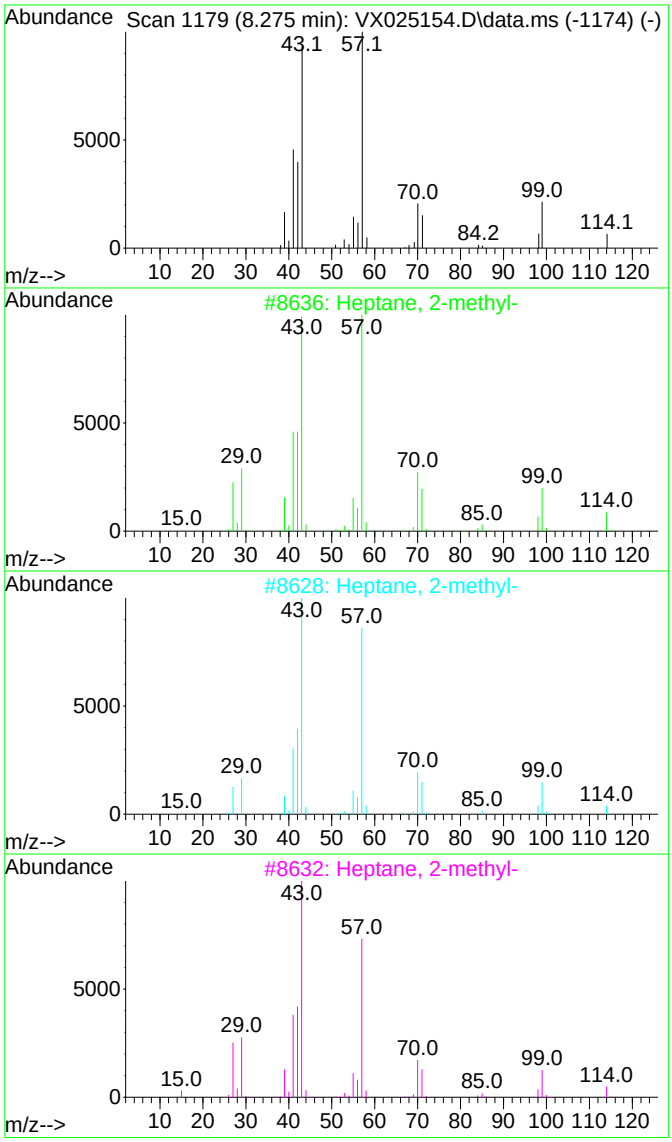
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

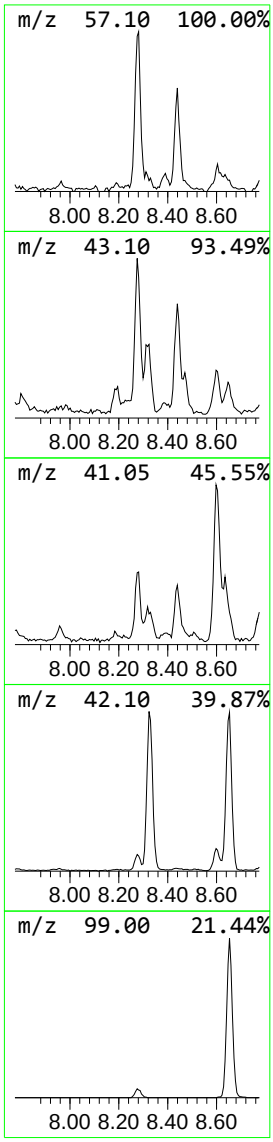
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	2.92 ug/L	28133	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

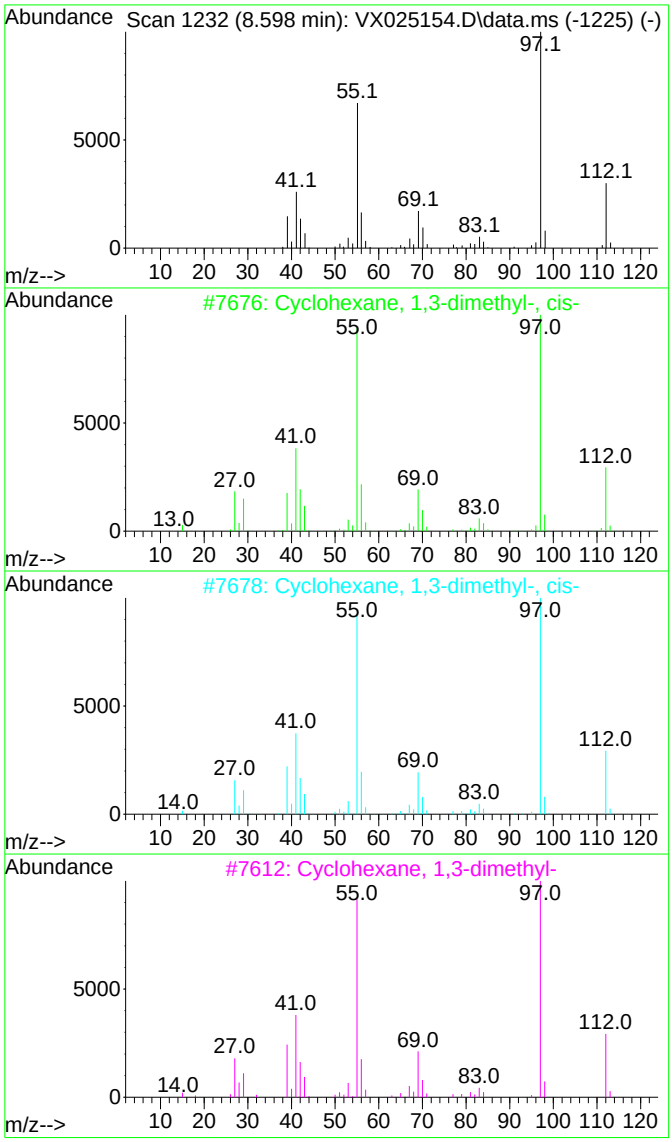
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

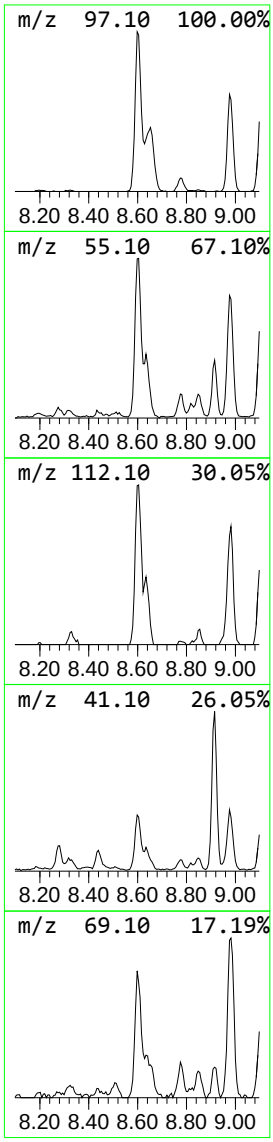
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic8.598 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	9.75 ug/L	111652	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	97
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	95
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

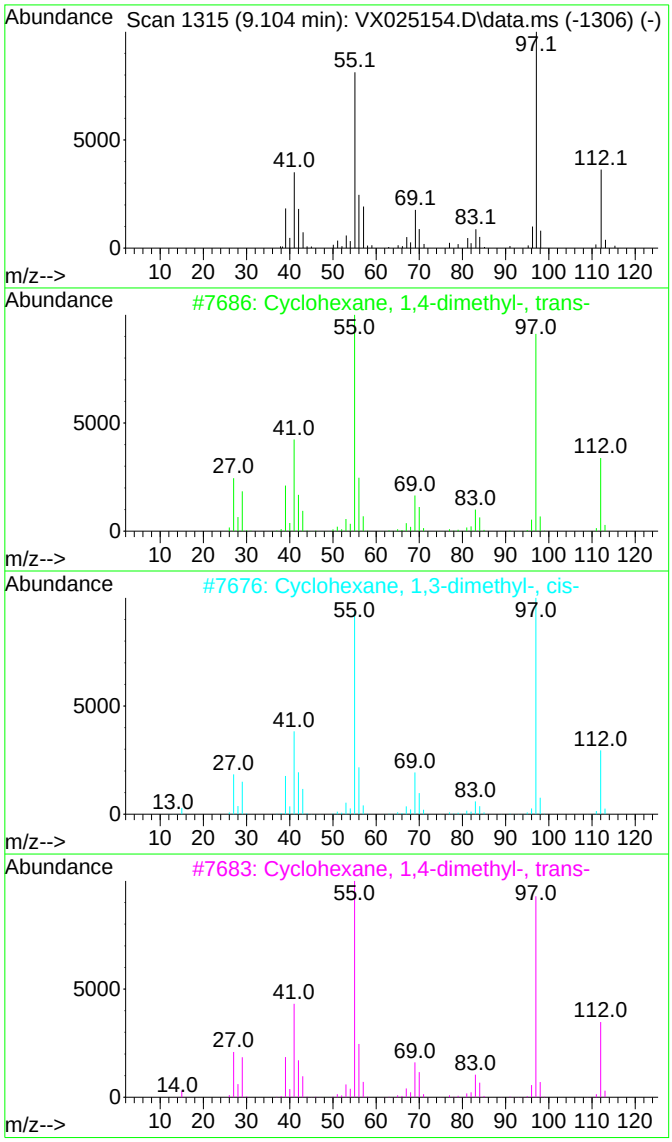
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

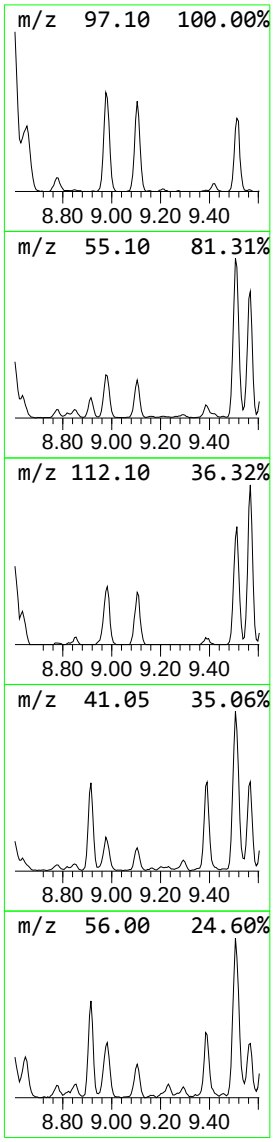
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic9.104 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	5.70 ug/L	65265	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

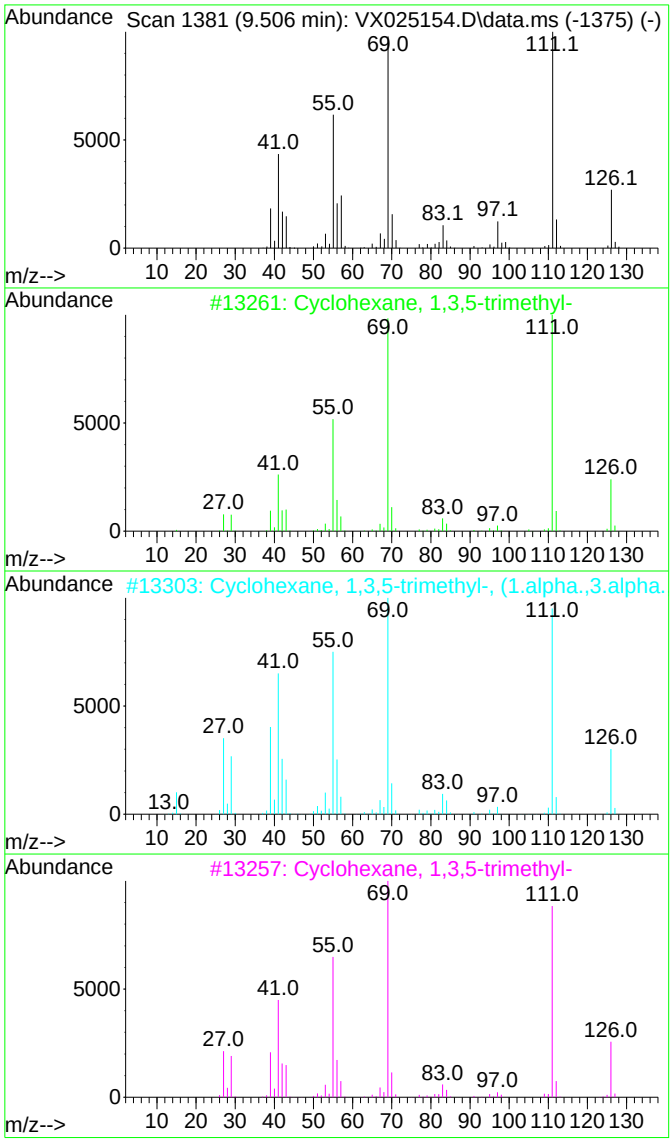
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

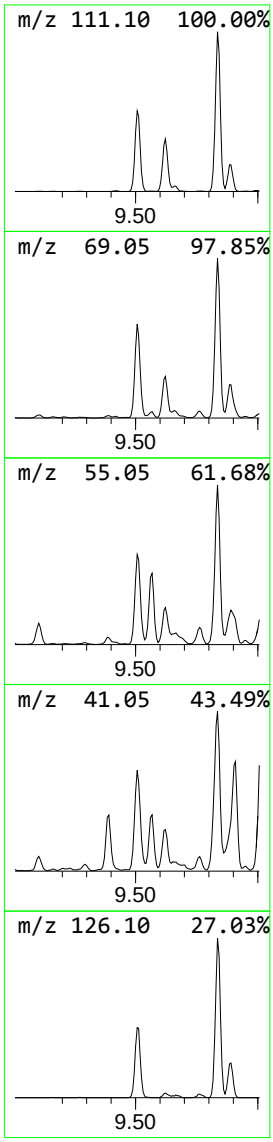
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic9.506 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.506	40.63 ug/L	465258	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	95
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

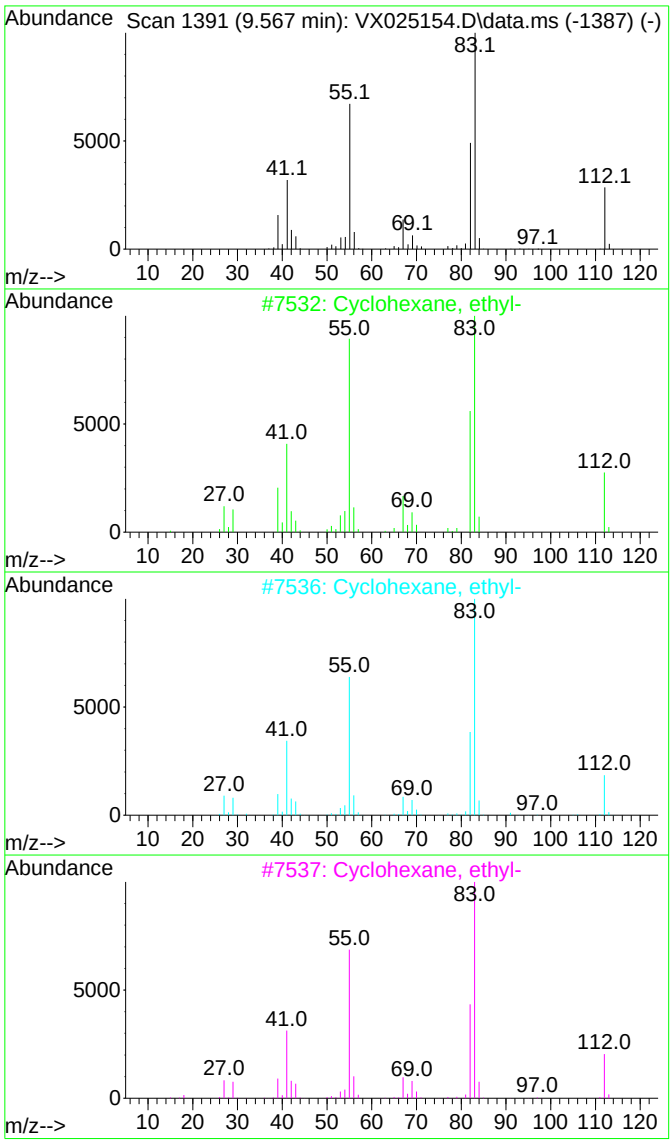
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

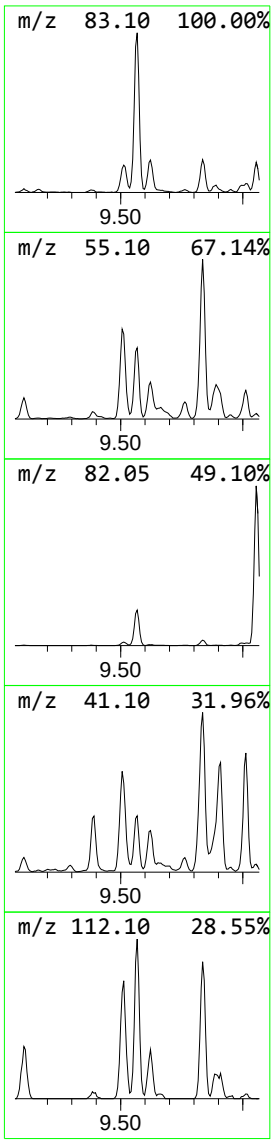
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic9.567 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.567	16.90 ug/L	193536	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	91
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

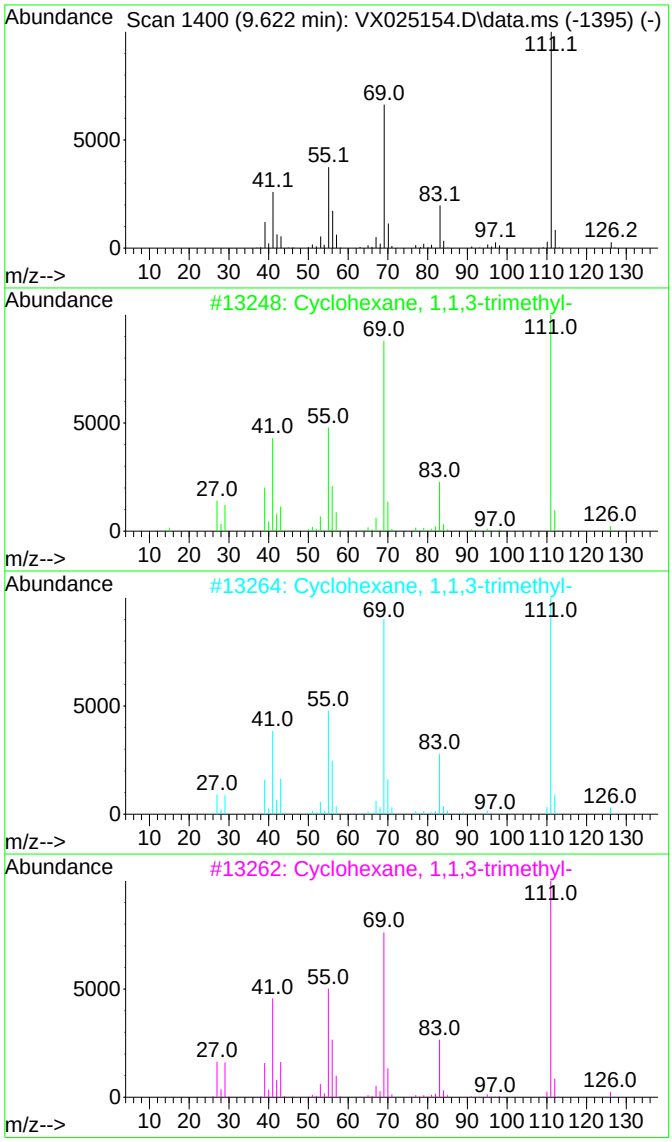
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

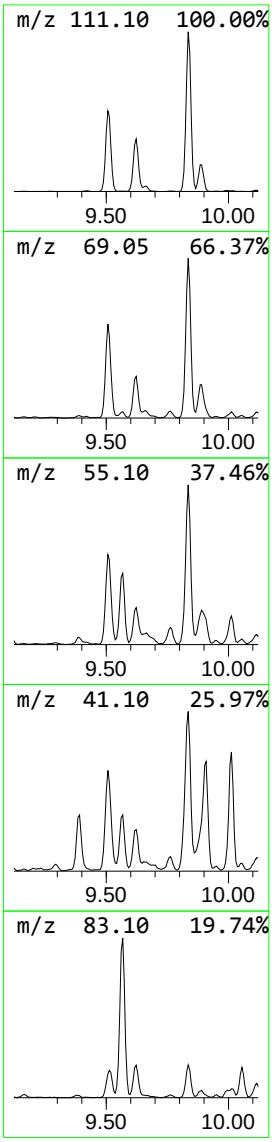
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic9.622 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	16.47 ug/L	188602	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	92
5	Isocytosine	111	C4H5N3O	000108-53-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

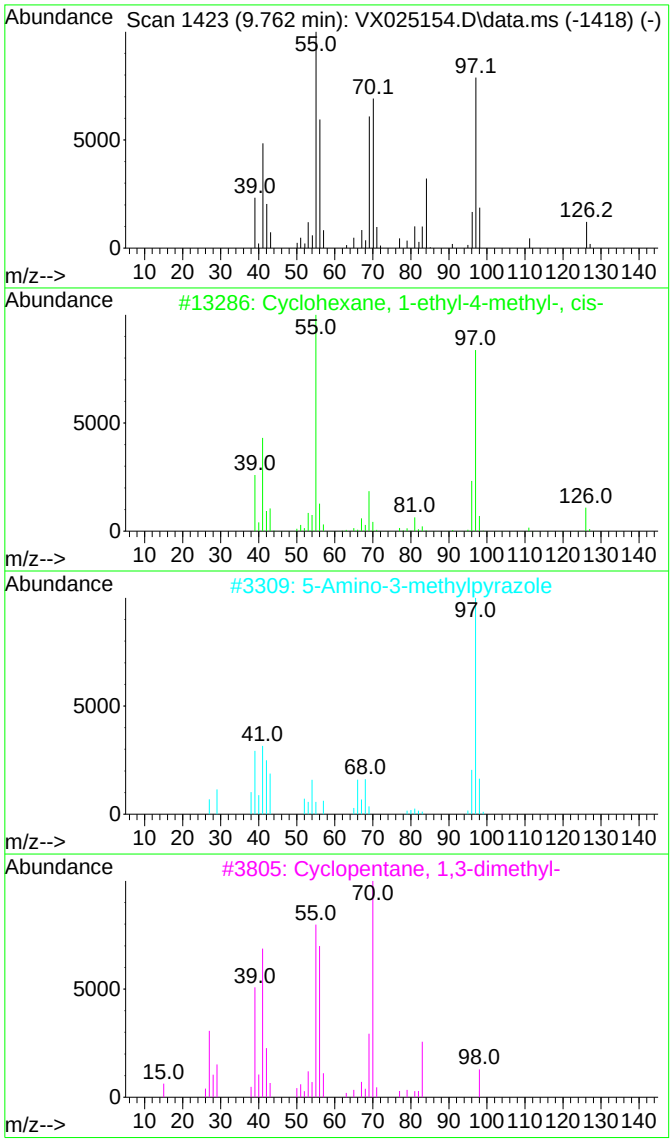
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

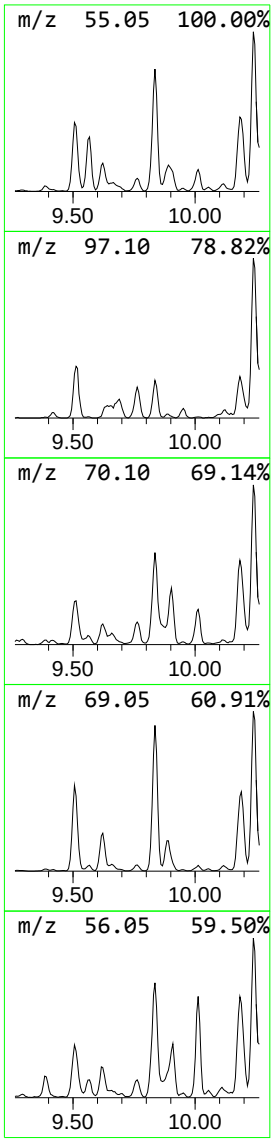
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic9.762 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.762	5.22 ug/L	59769	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
2	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	43
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	41
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	41
5	Isopropylcyclobutane	98	C7H14	000872-56-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

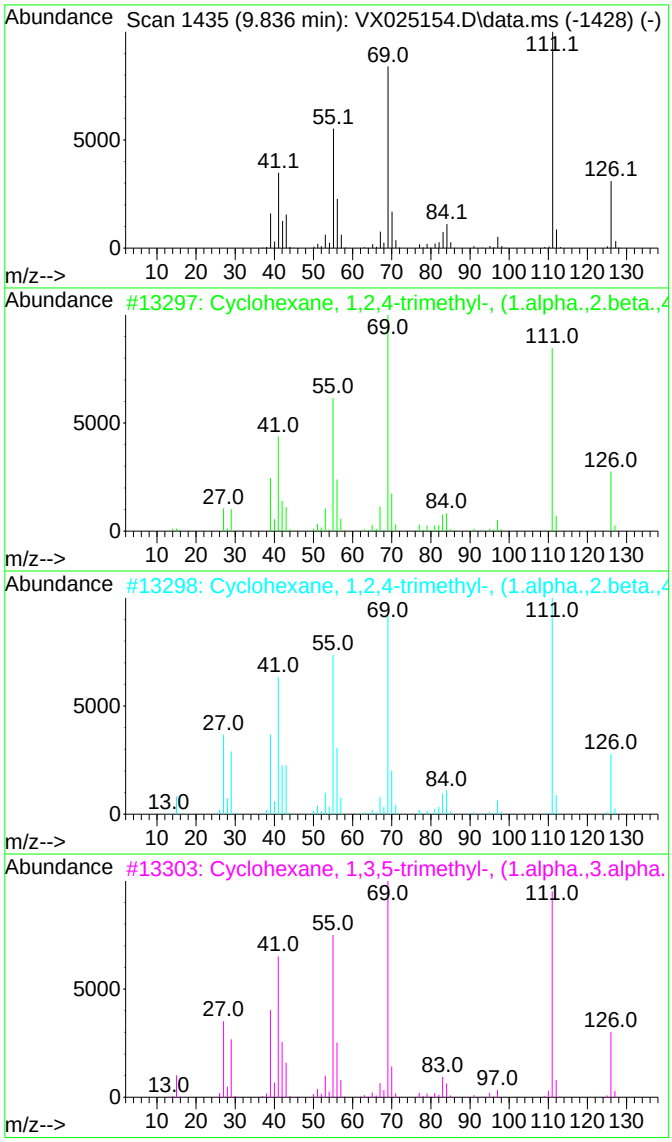
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

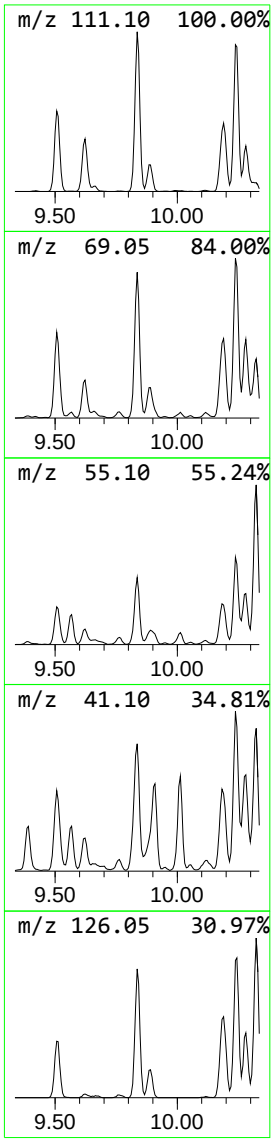
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic9.836 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.836	70.71 ug/L	809644	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	91
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	91
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	90
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

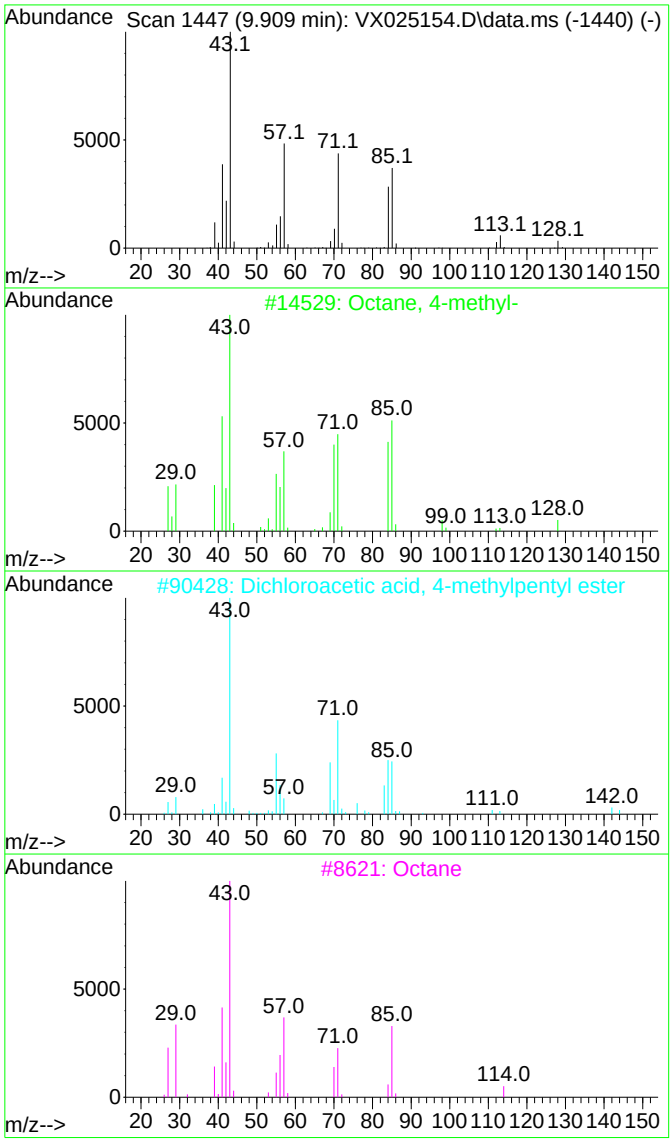
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

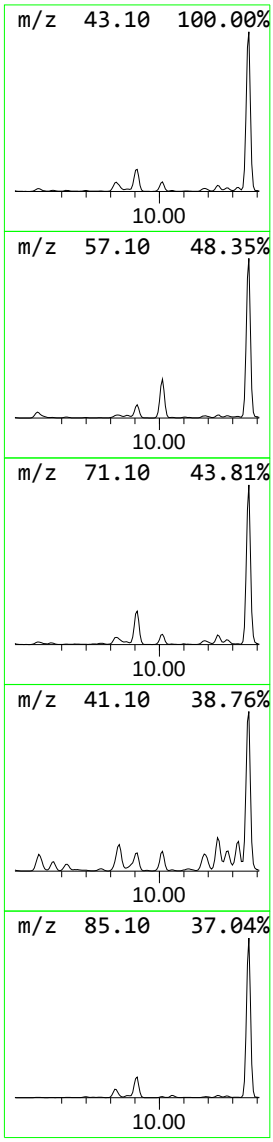
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.909	42.18 ug/L	482994	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	64
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	59
3	Octane	114	C8H18	000111-65-9	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	58
5	Octane, 2-methyl-	128	C9H20	003221-61-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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

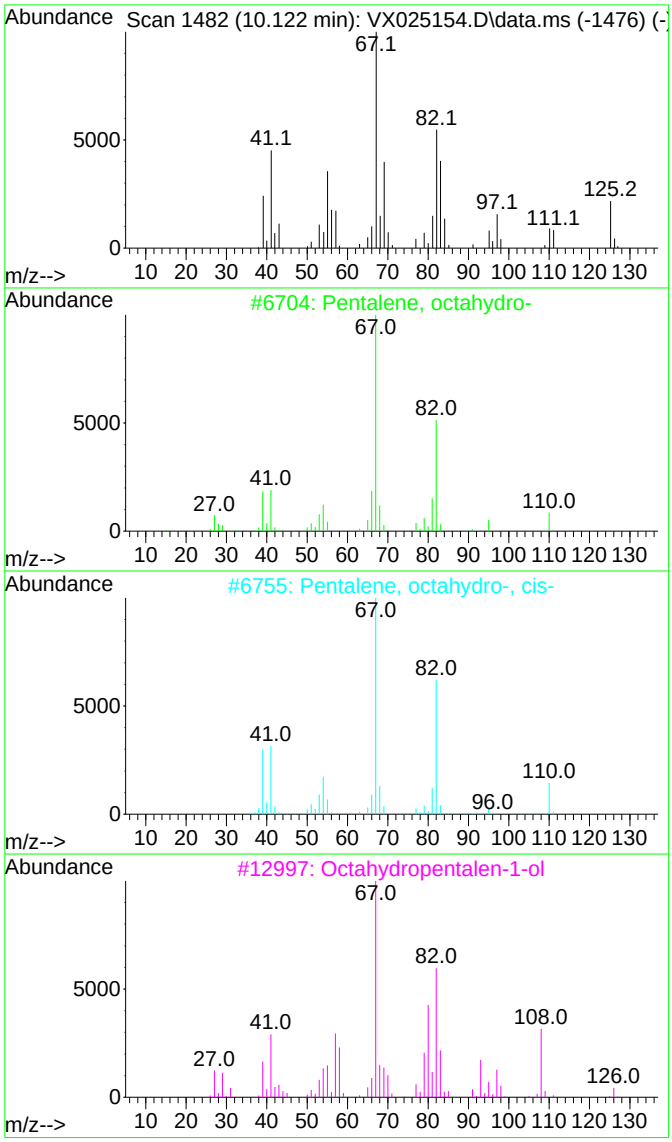
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

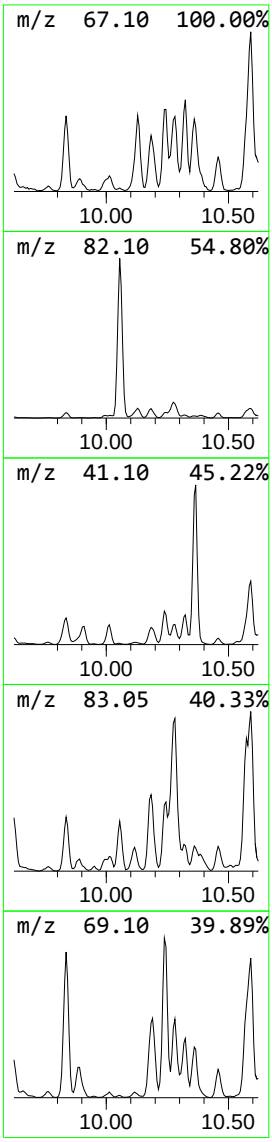
****

Peak Number 15 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	5.33 ug/L	61067	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-	110	C8H14	000694-72-4	49
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	49
3	Octahydropentalen-1-ol	126	C8H14O	037465-25-1	47
4	Cyclohexene	82	C6H10	000110-83-8	43
5	Cyclobutene, 3,3-dimethyl-	82	C6H10	016327-38-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

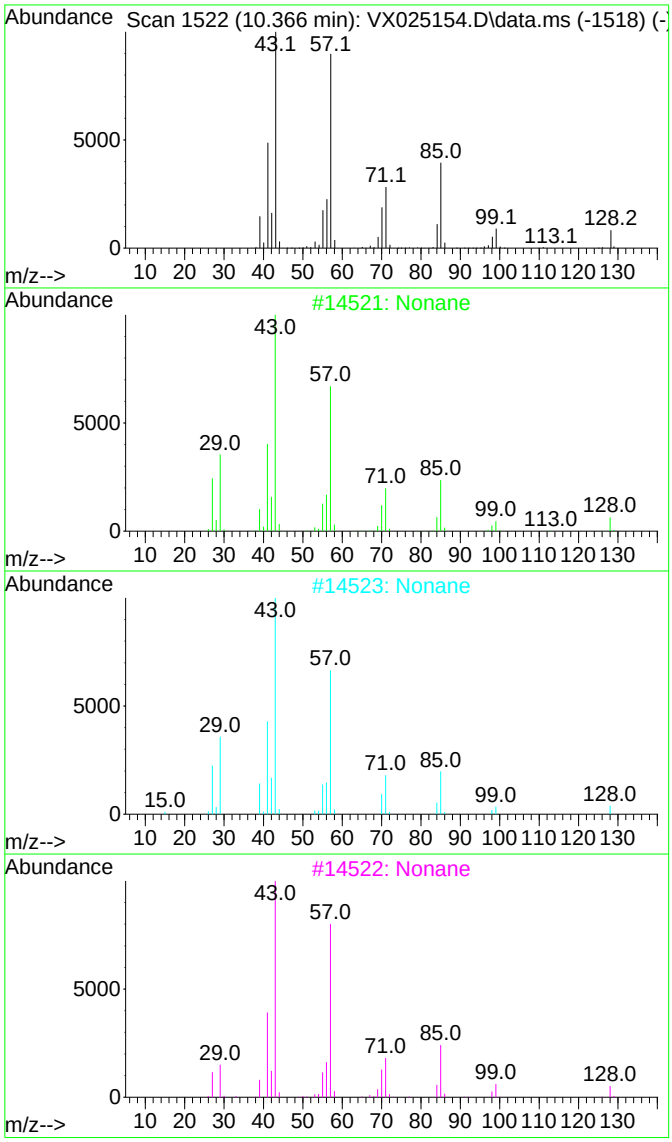
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

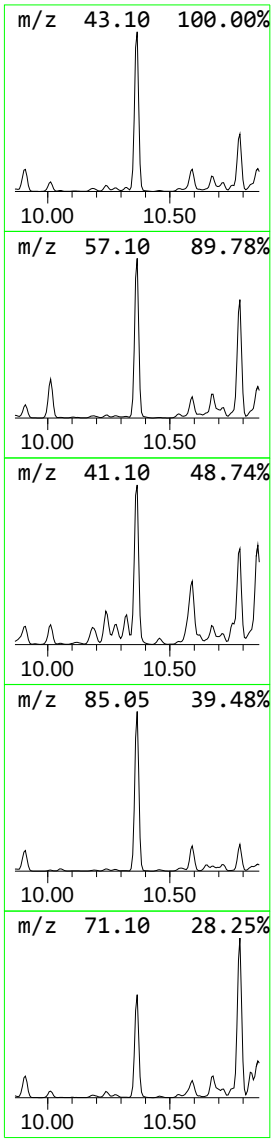
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.366	238.87 ug/L	2735230	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	95
3	Nonane	128	C9H20	000111-84-2	91
4	Nonane	128	C9H20	000111-84-2	87
5	Octane	114	C8H18	000111-65-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

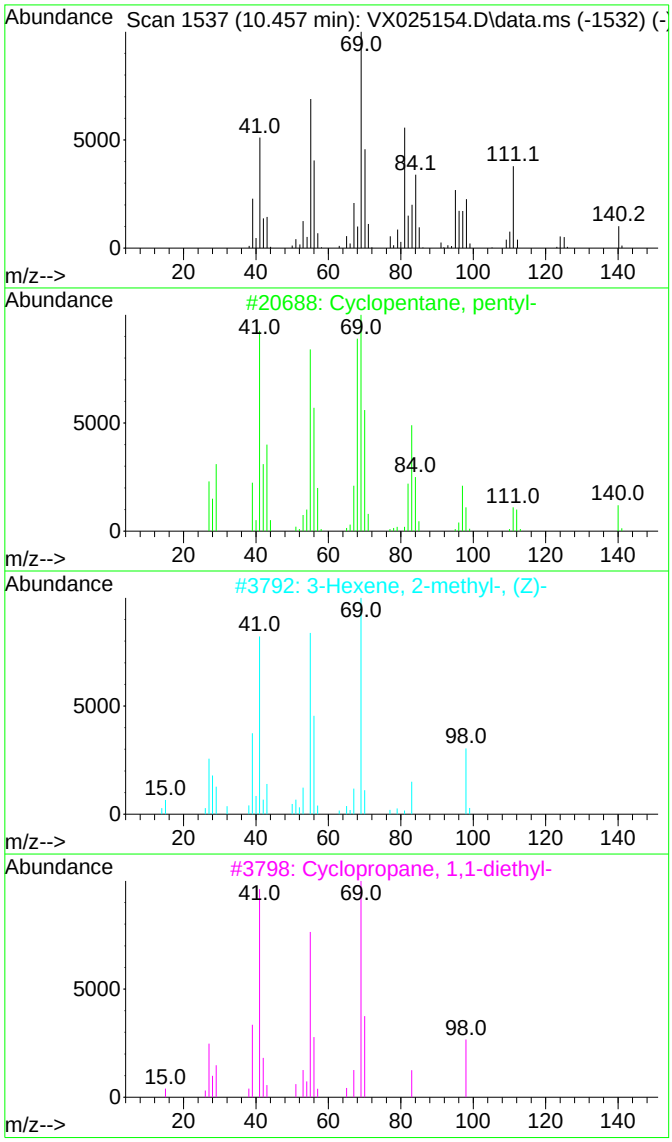
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

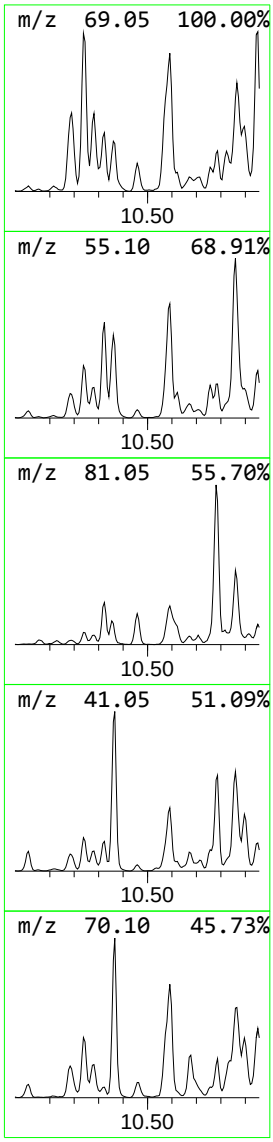
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic10.457 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.457	16.22 ug/L	185681	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, pentyl-	140	C10H20	003741-00-2	64
2	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	55
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	53
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	53
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

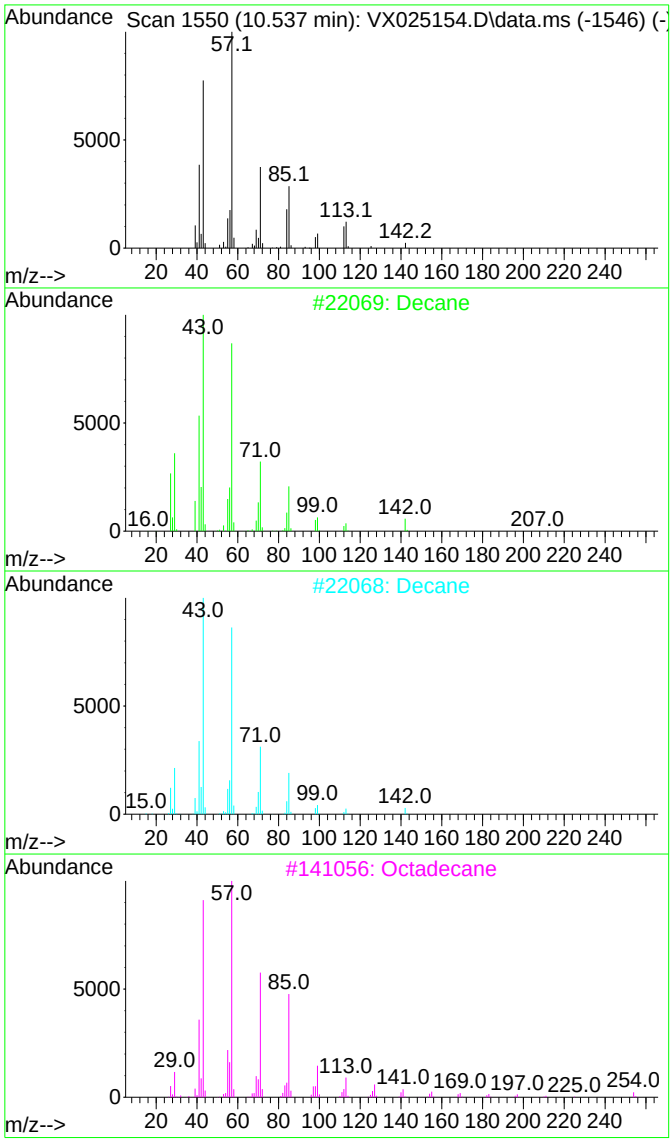
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

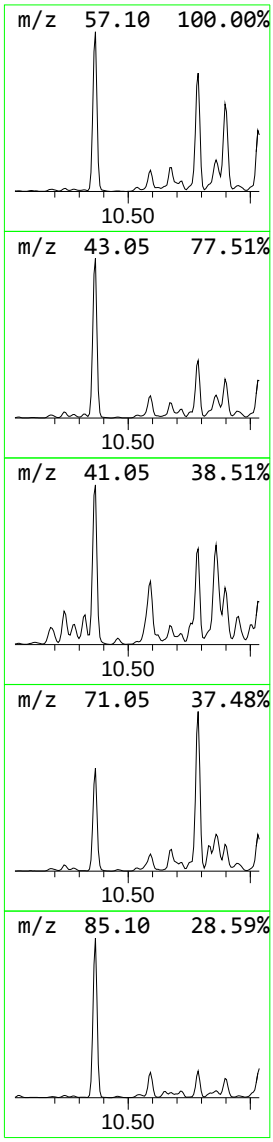
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.537	3.87 ug/L	44333	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	83
2	Decane	142	C10H22	000124-18-5	74
3	Octadecane	254	C18H38	000593-45-3	72
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

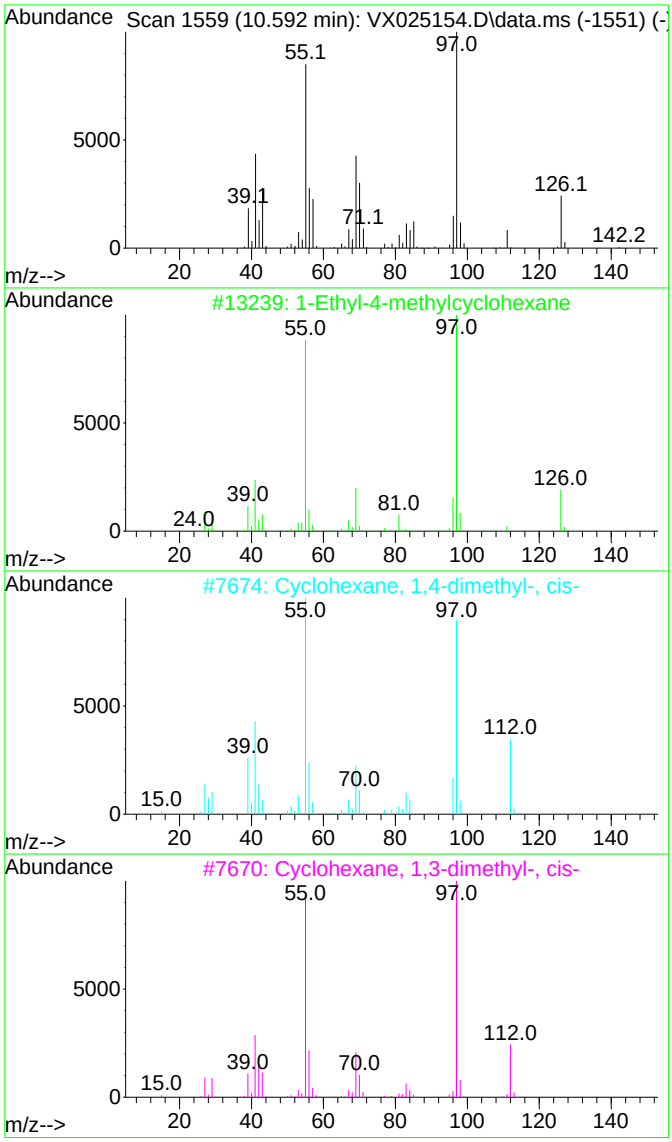
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

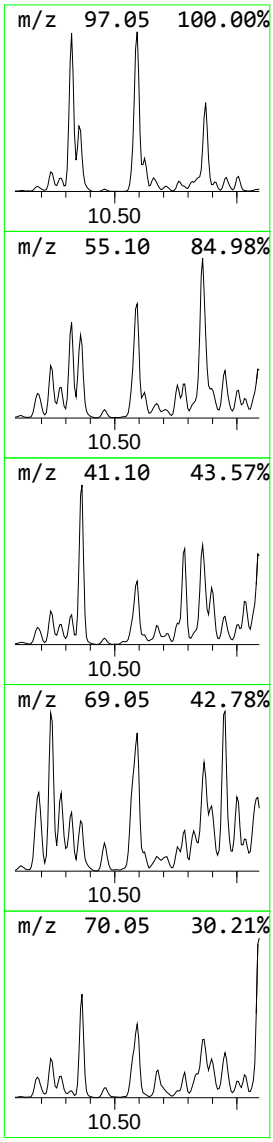
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic10.592 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	162.75 ug/L	1863630	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	76
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	58





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Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

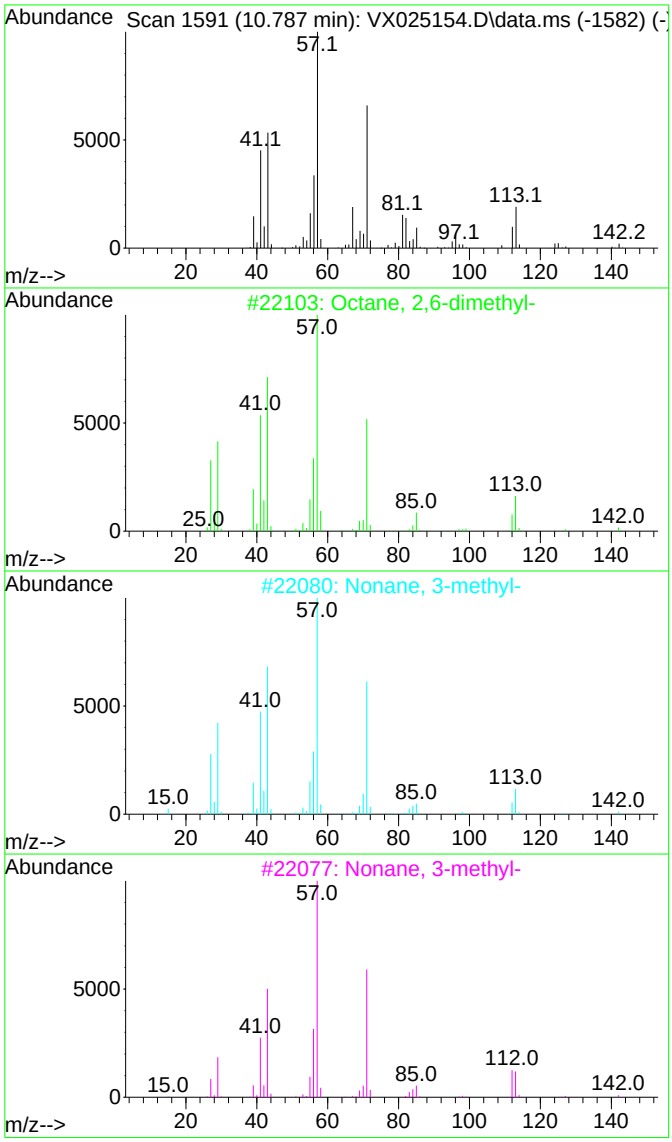
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

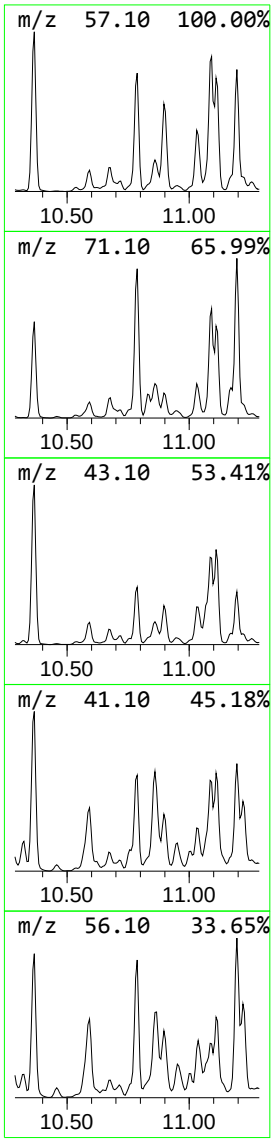
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.787	191.77 ug/L	2195920	Chlorobenzene-d5	10.055

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	76
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	76
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

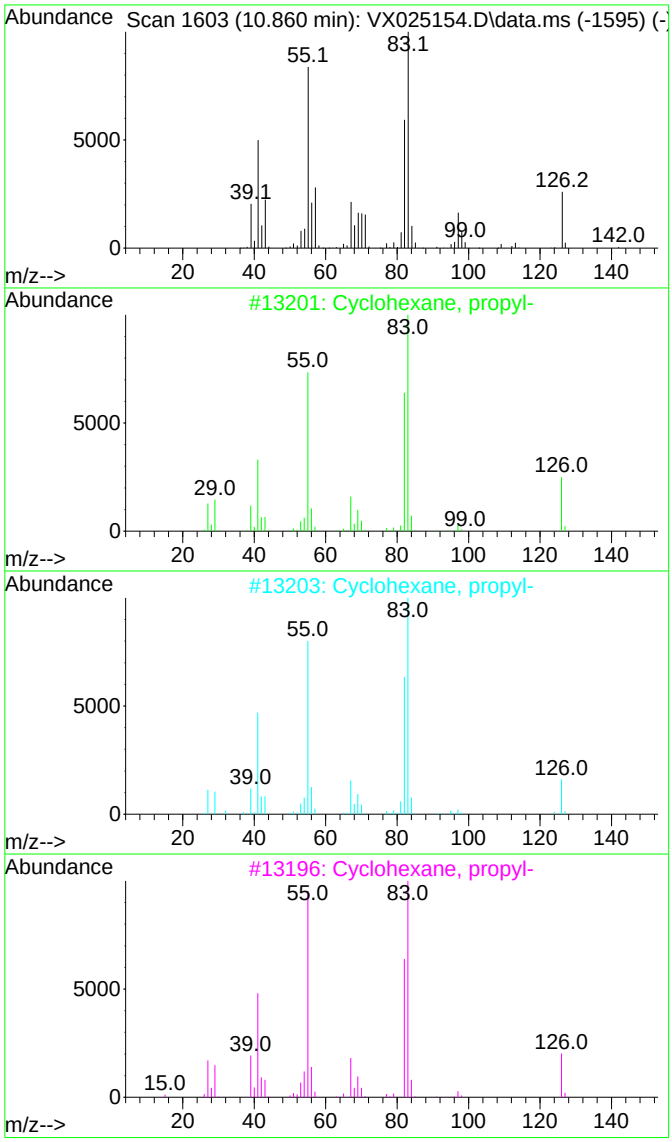
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

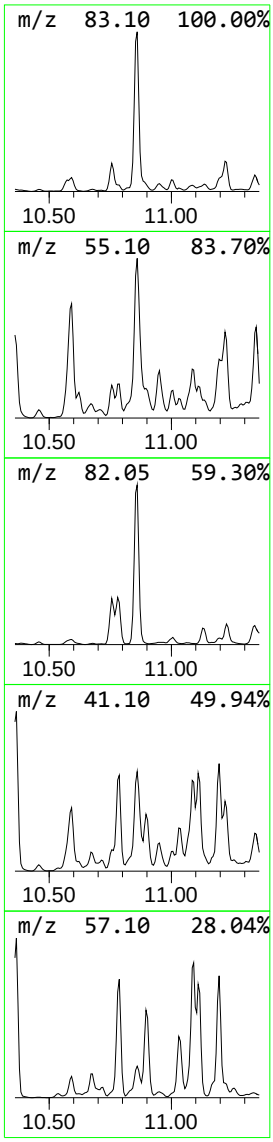
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic10.860 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.860	229.44 ug/L	2627280	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	83
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

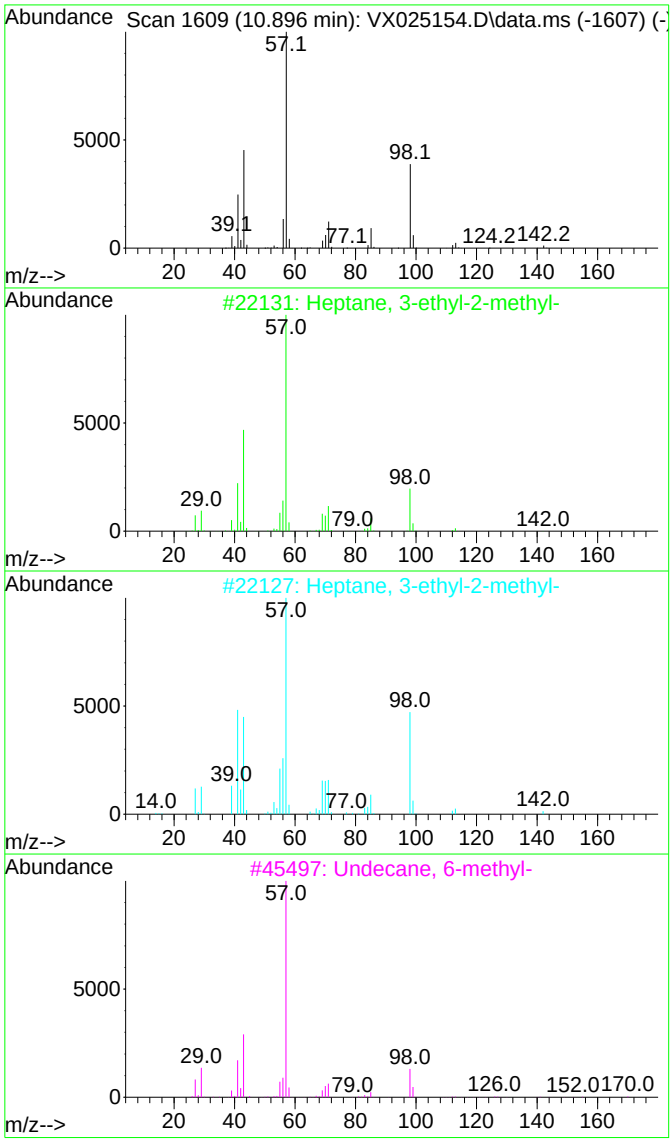
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

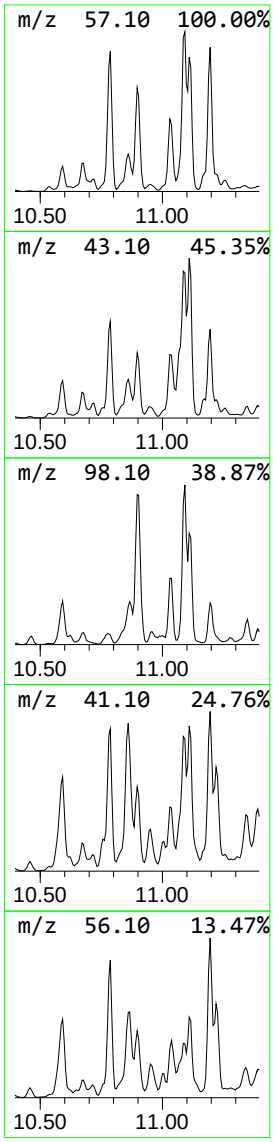
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.896	79.04 ug/L	905022	Chlorobenzene-d5	10.055

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	59
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	50
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

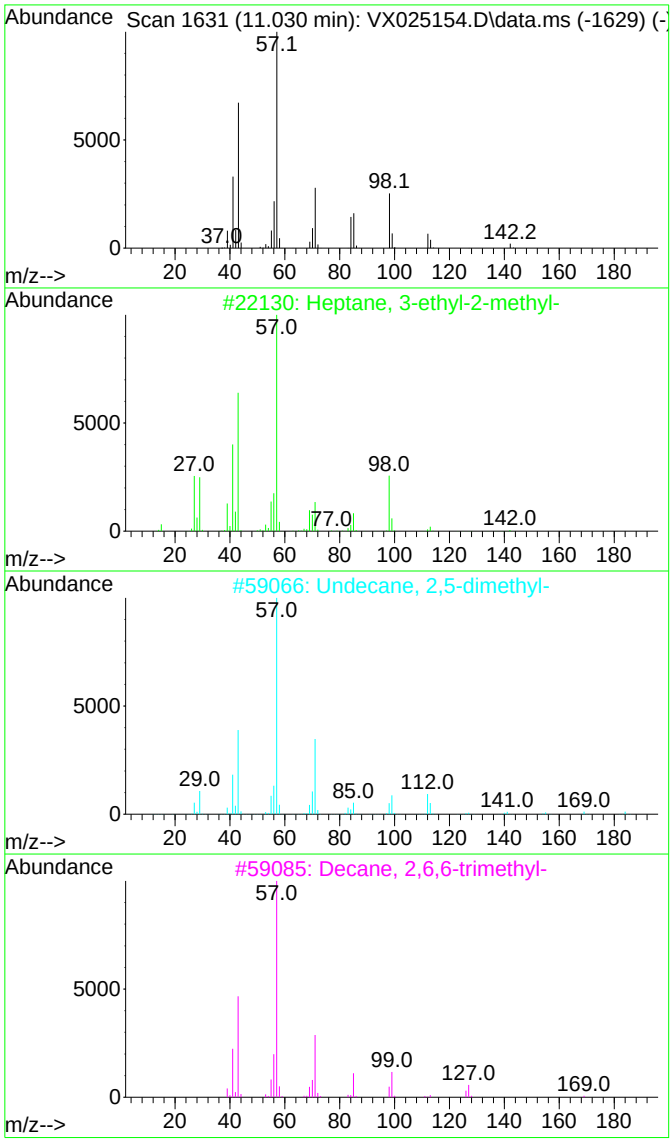
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

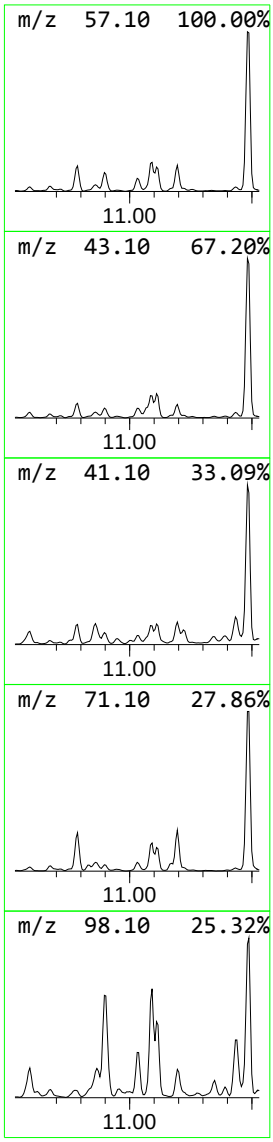
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.031	37.95 ug/L	434547	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	53
3	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	50
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
5	Decane	142	C10H22	000124-18-5	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

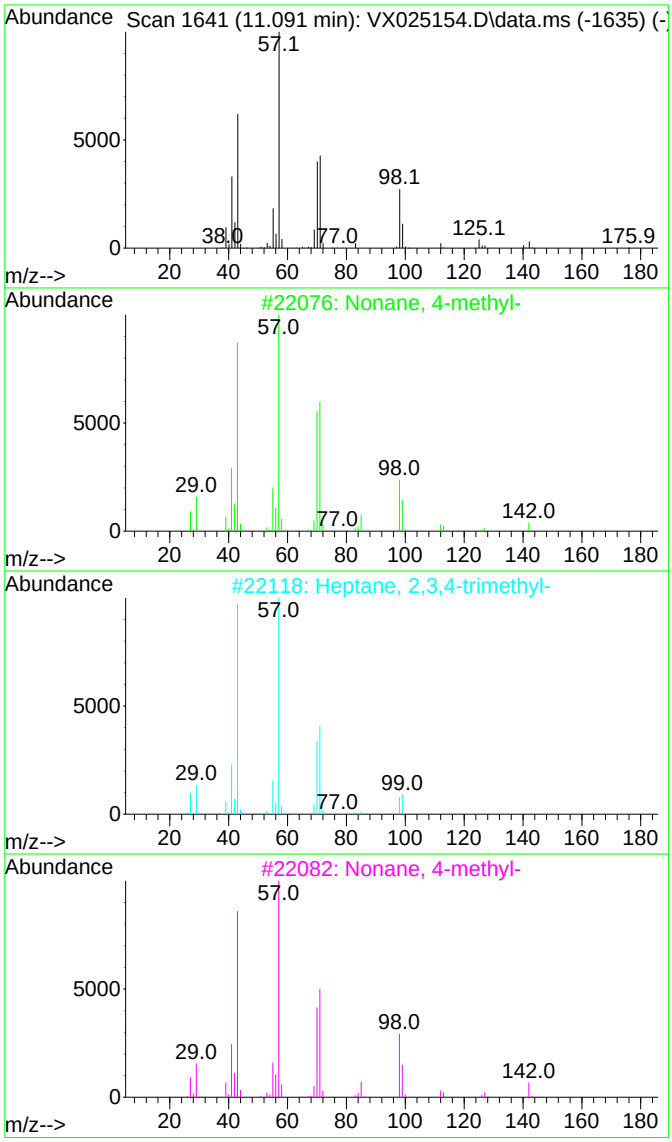
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

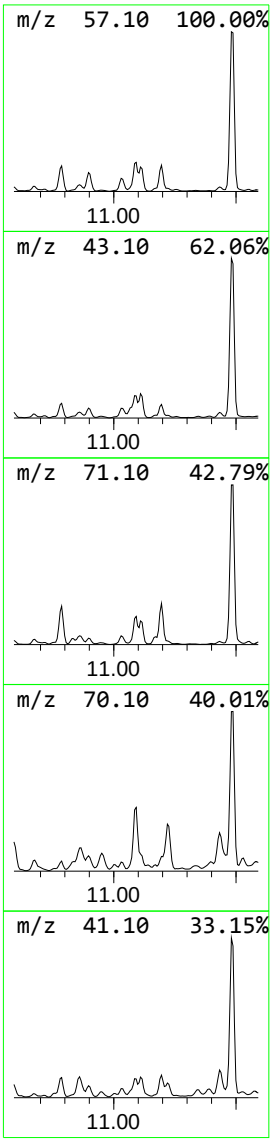
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.091	102.96 ug/L	1955870	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	74
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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

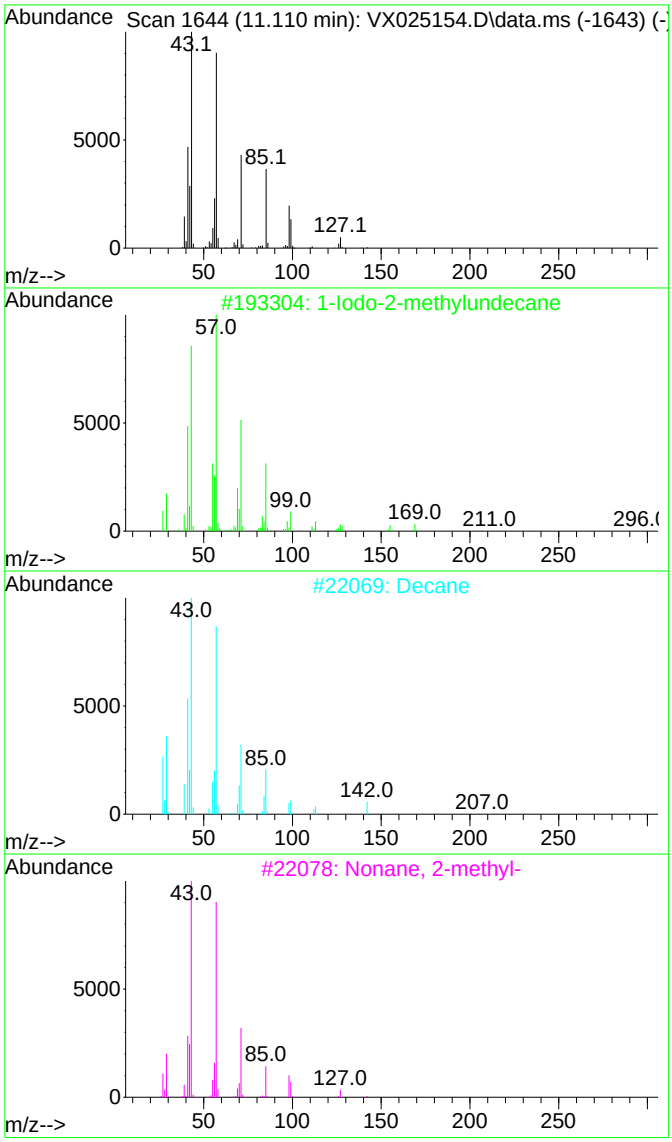
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

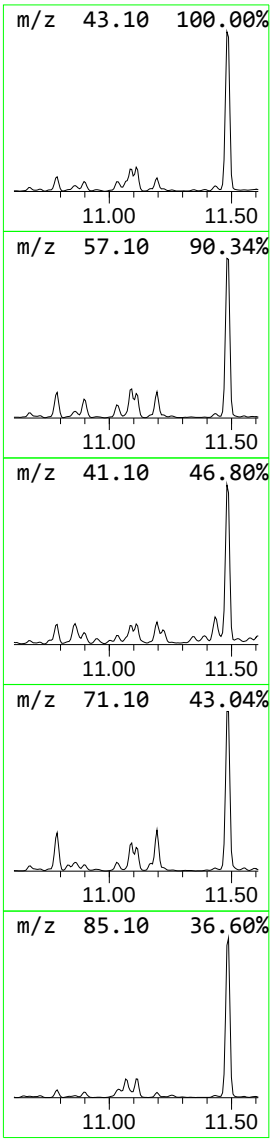
****

Peak Number 25 1-Iodo-2-methylundecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	67.98 ug/L	1291340	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	72
2	Decane	142	C10H22	000124-18-5	72
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
4	Decane	142	C10H22	000124-18-5	59
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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

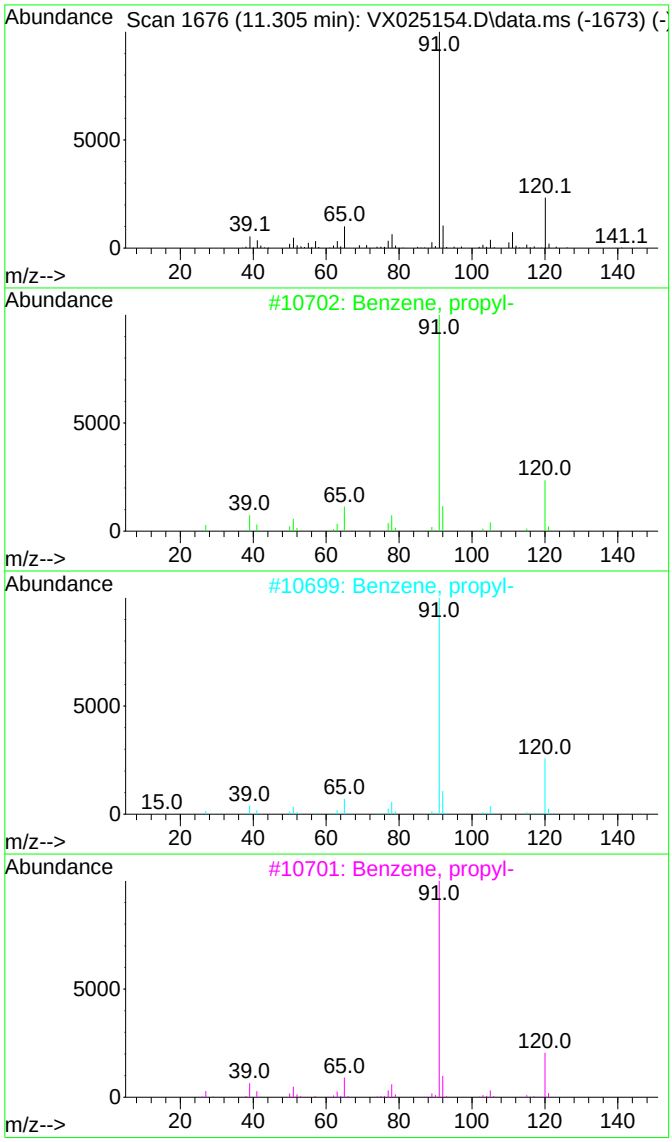
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

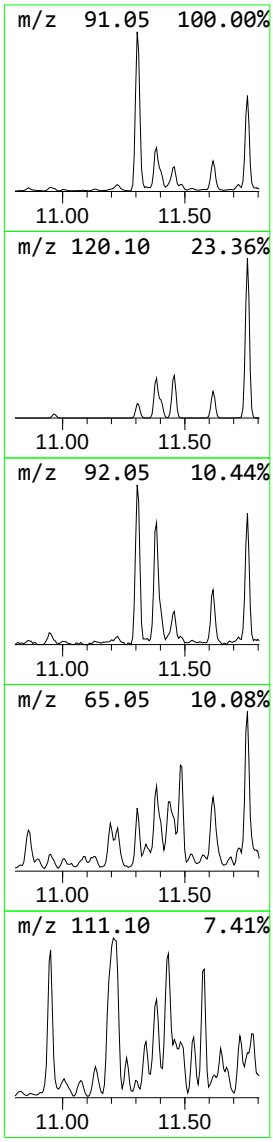
****

Peak Number 26 Benzene, propyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.305	9.31 ug/L	176867	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	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59
5	Benzene, propyl-	120	C9H12	000103-65-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

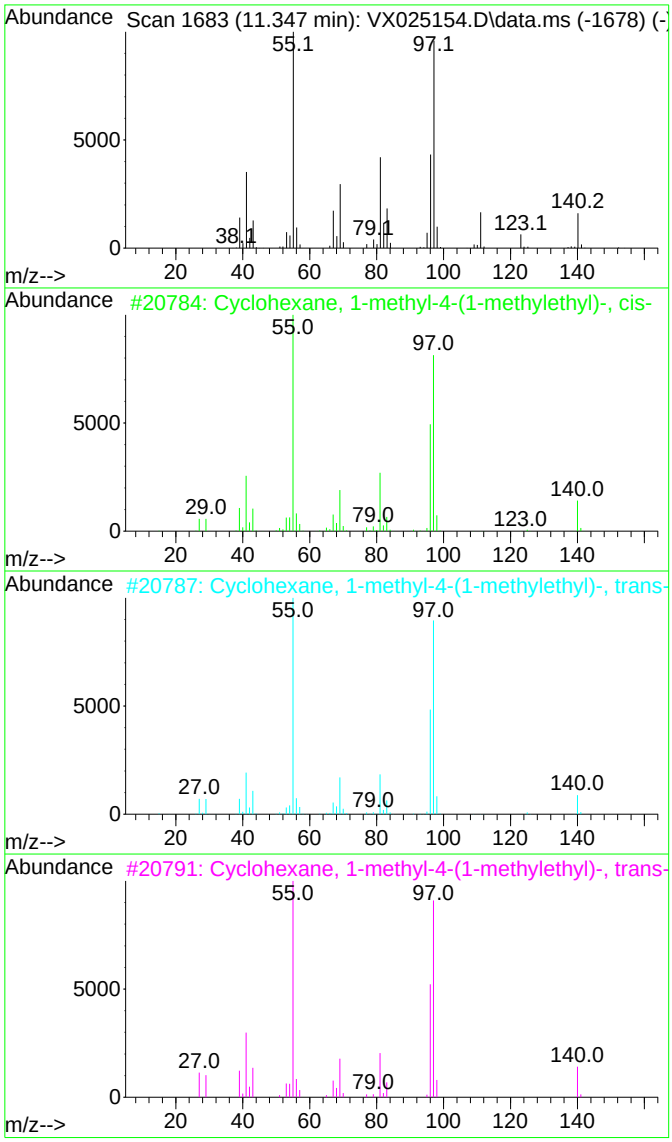
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

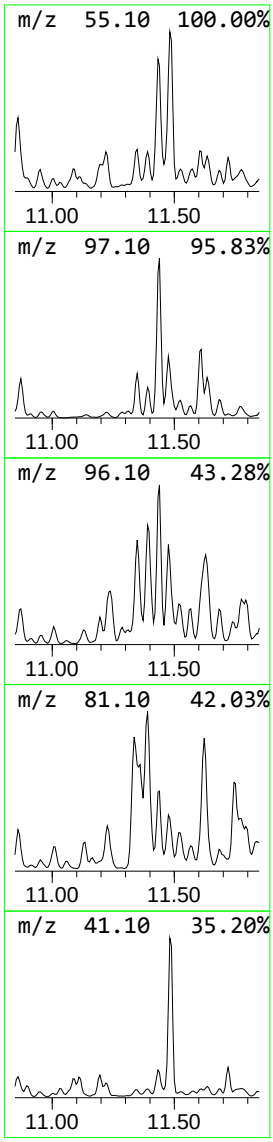
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic11.348 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.348	44.48 ug/L	844835	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	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	74
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	74
5	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

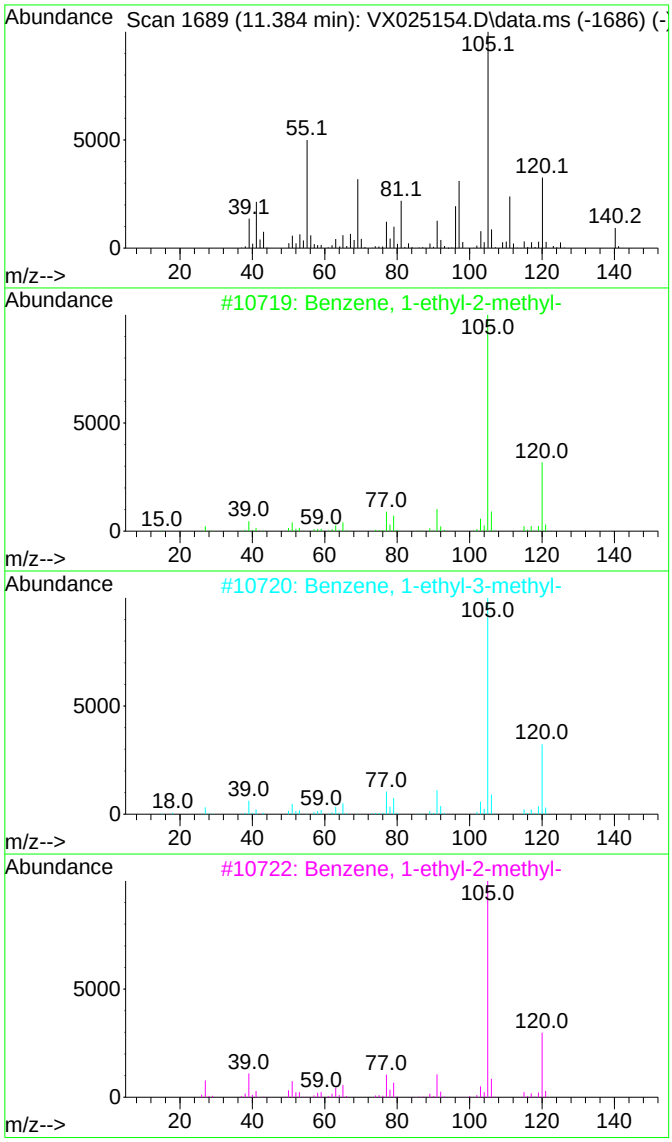
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

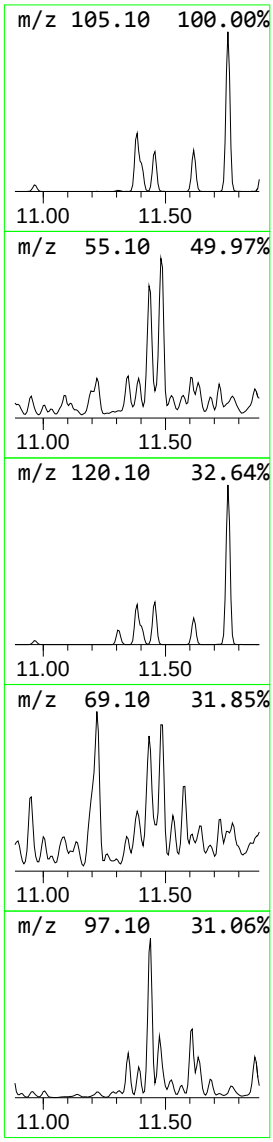
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	66.50 ug/L	1263160	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	86
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46





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Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

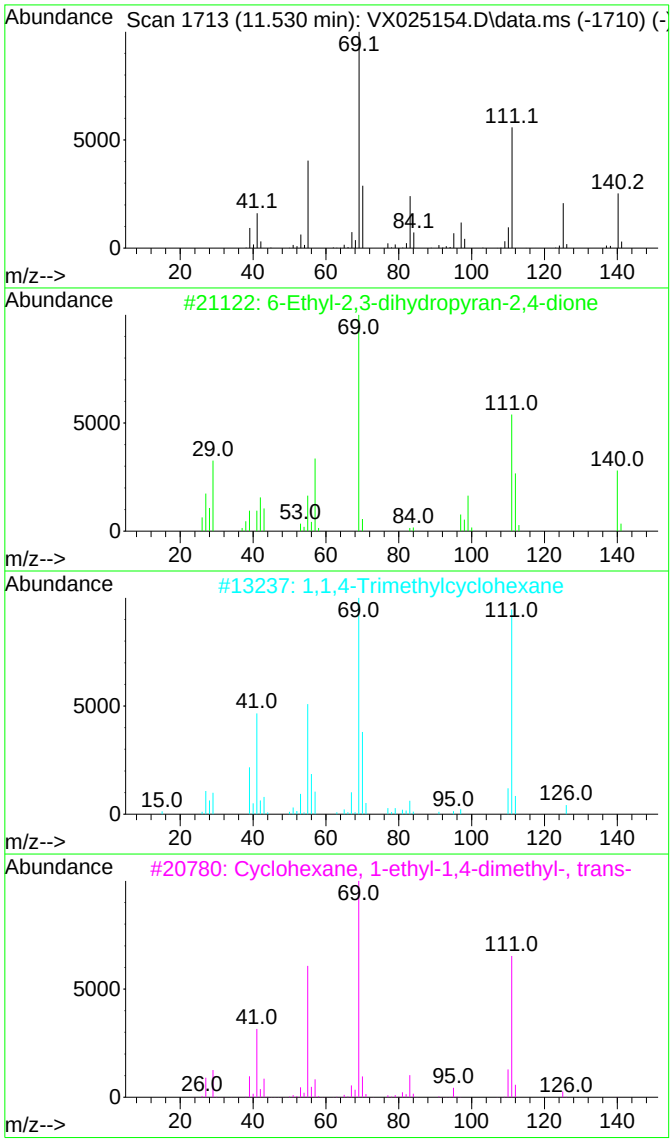
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

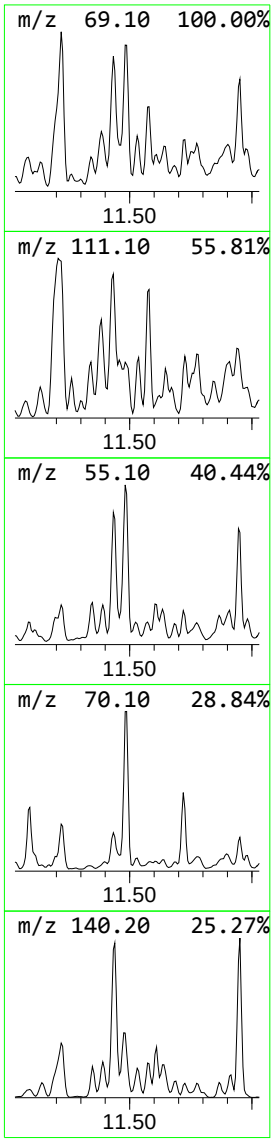
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 6-Ethyl-2,3-dihydropyran-2,... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.530	16.70 ug/L	317166	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Ethyl-2,3-dihydropyran-2,4-dione	140	C7H8O3	004435-30-7	53
2	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	50
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	50
4	Cyclohexane, 1-ethyl-1,3-dimethy...	140	C10H20	062238-29-3	50
5	3,4,4-Trimethyl-cyclohex-2-en-1-ol	140	C9H16O	073741-63-6	47





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Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

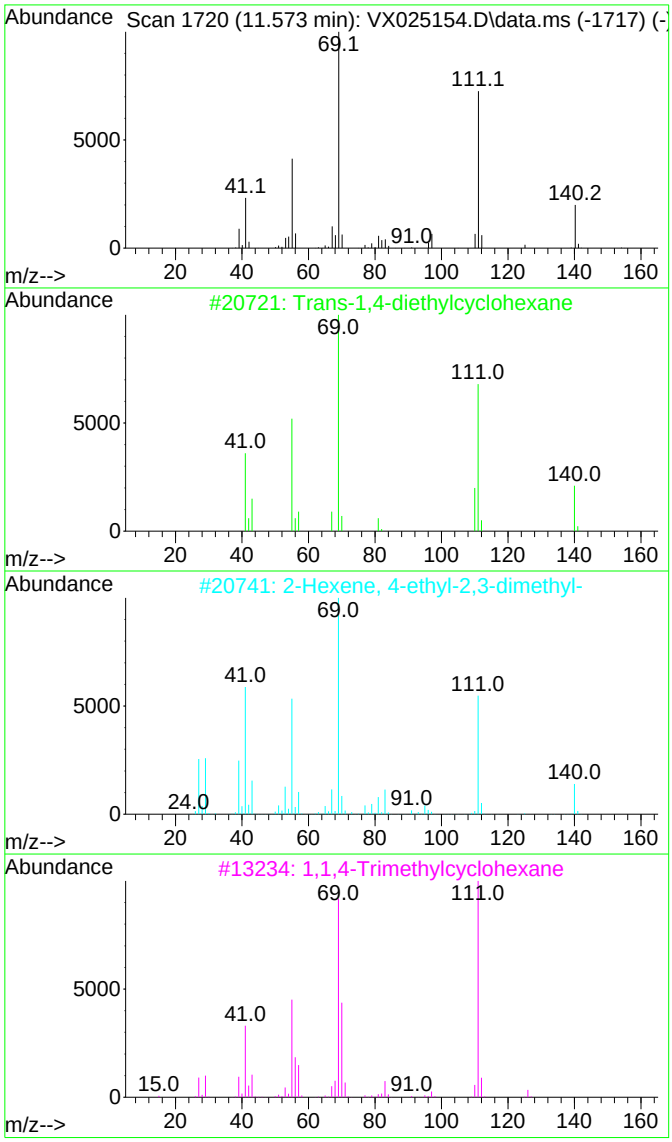
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

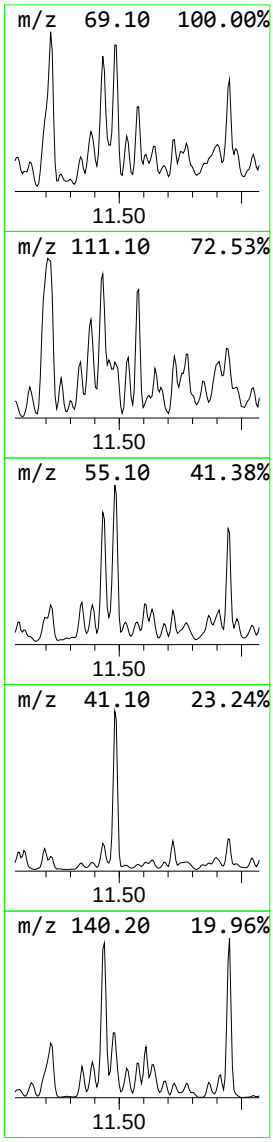
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic11.573 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.573	19.38 ug/L	368202	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	90
2	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	83
3	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64
5	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	64





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Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

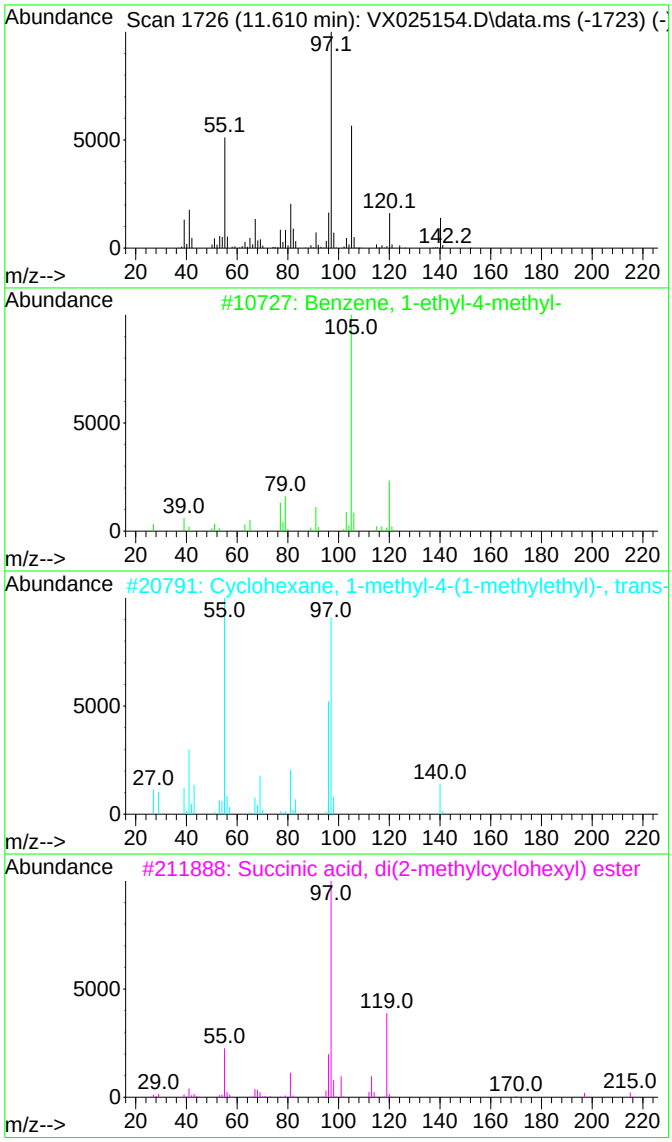
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

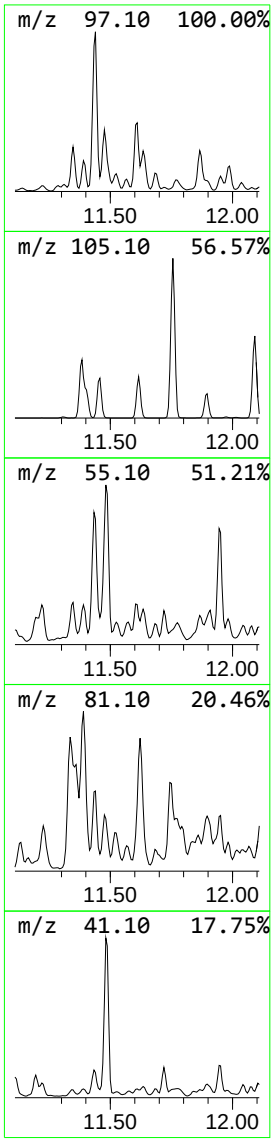
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-ethyl-4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	56.59 ug/L	1075000	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	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
3	Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	50
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
5	Ethanone, 1-(3,4-dihydro-6-methy...	140	C8H12O2	028450-02-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

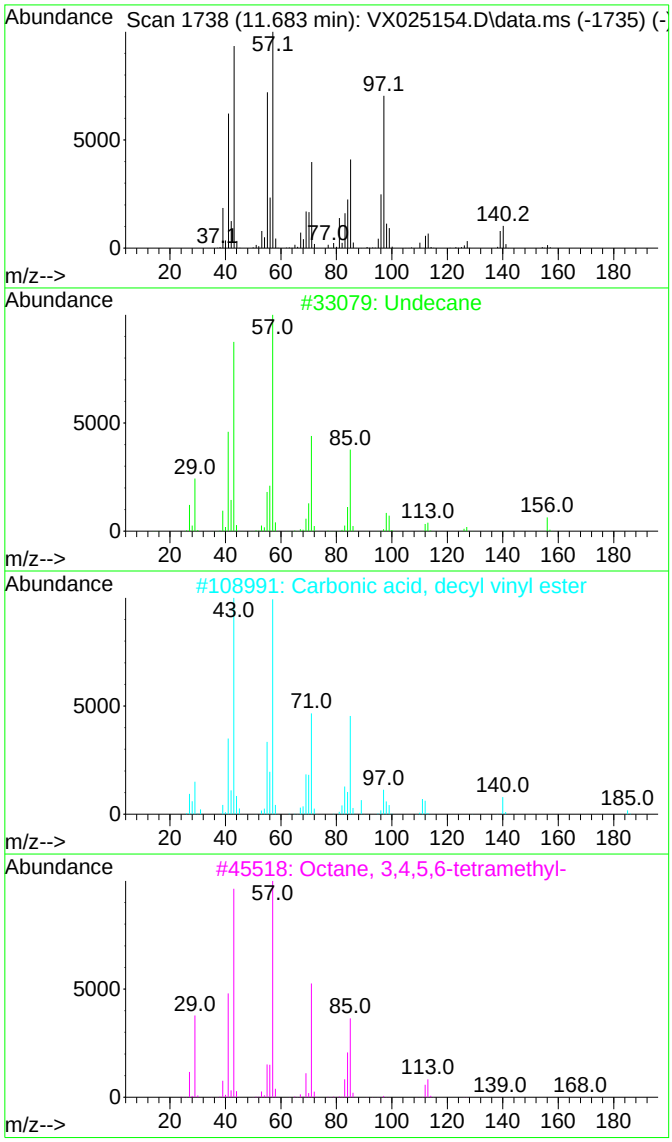
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

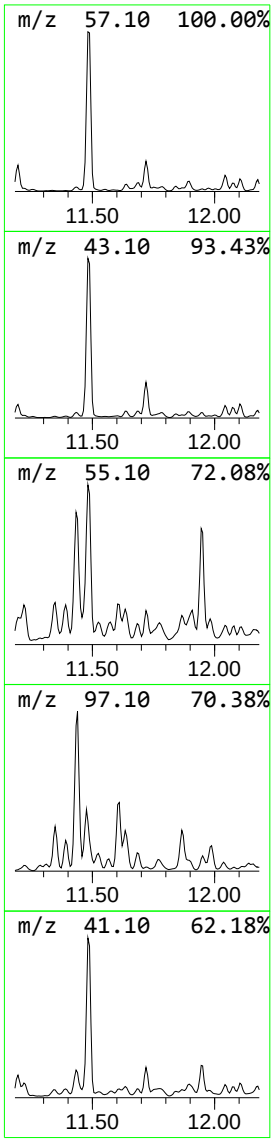
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.683	31.71 ug/L	602311	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	52
2	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	52
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	46
4	Ether, 6-methylheptyl vinyl	156	C10H20O	010573-35-0	30
5	Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

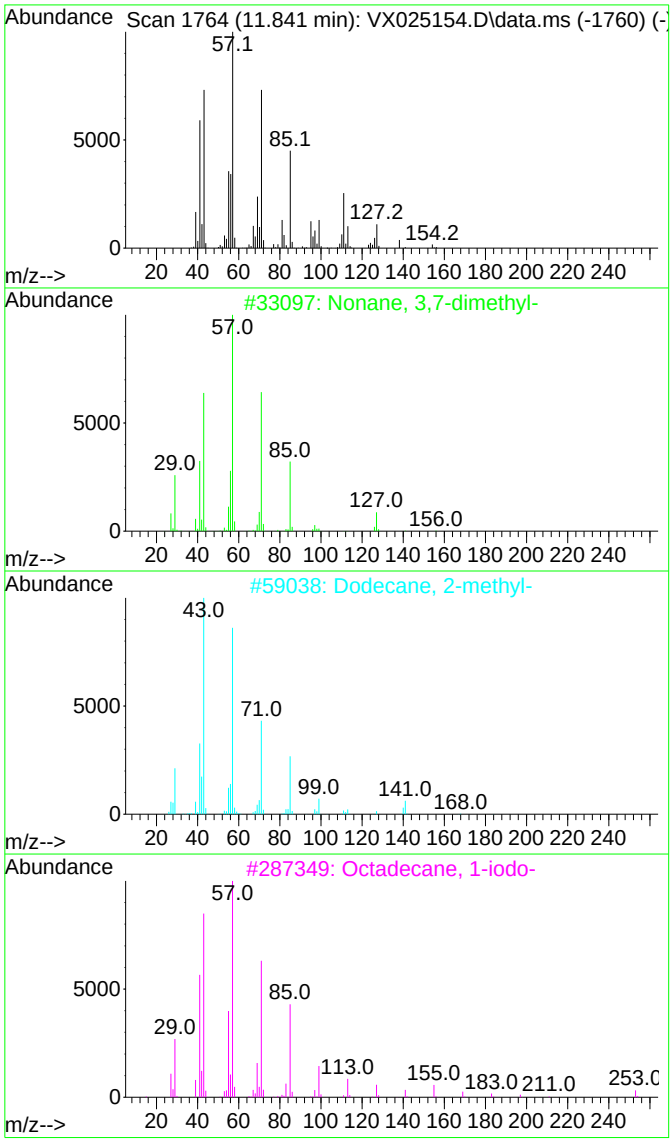
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

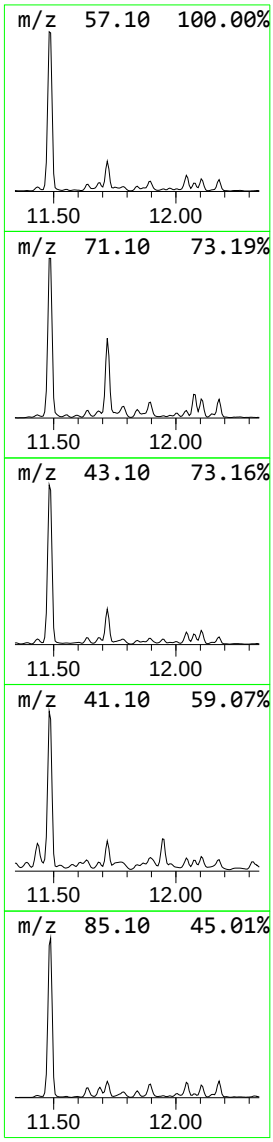
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	21.33 ug/L	405268	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	70
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	59
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
5	Decane, 3-methyl-	156	C11H24	013151-34-3	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

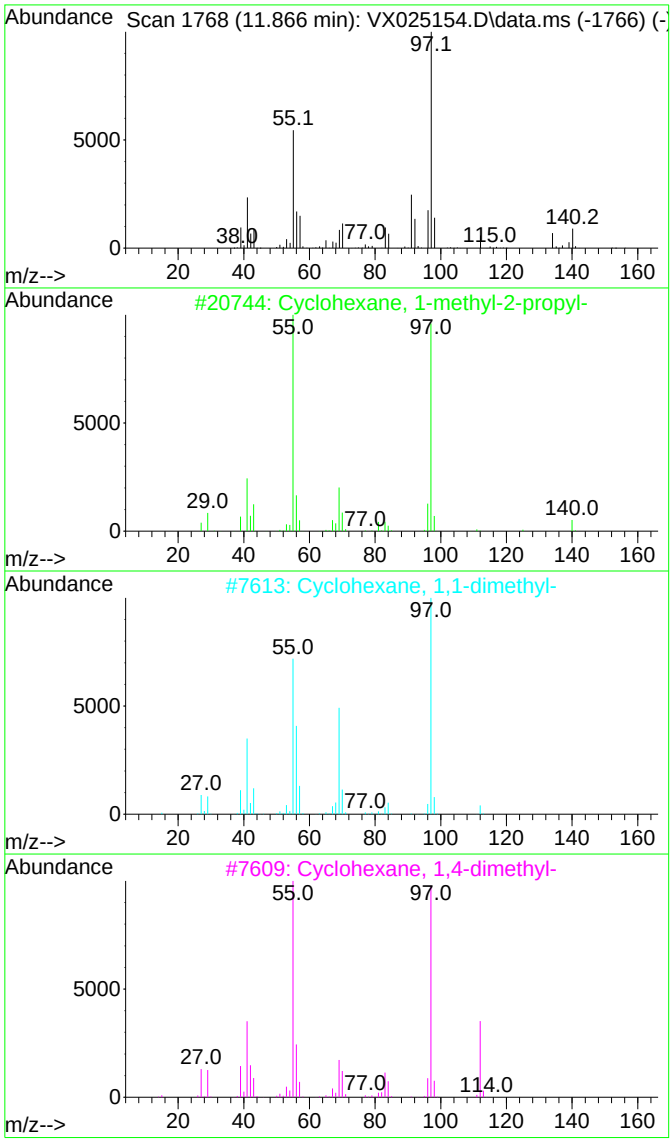
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

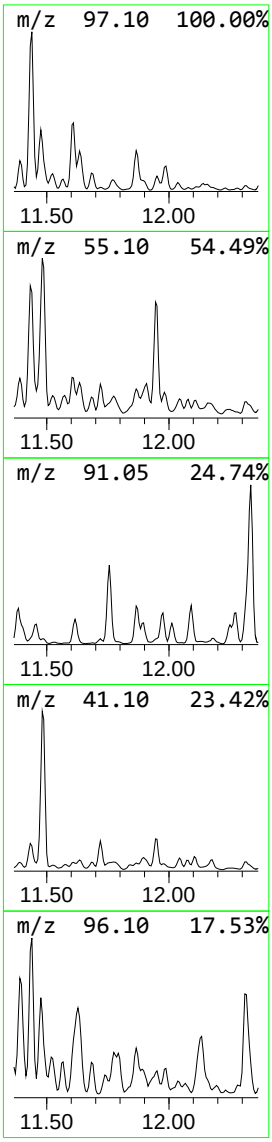
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Cyclic11.866 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.866	15.05 ug/L	285972	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	59
4	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	59
5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

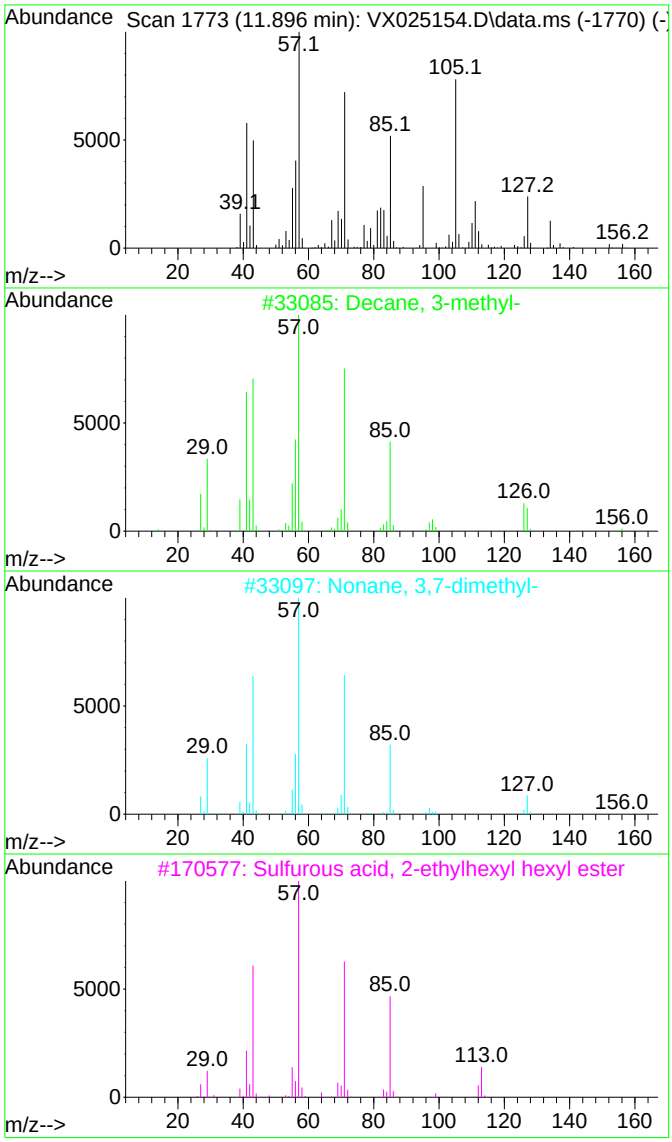
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

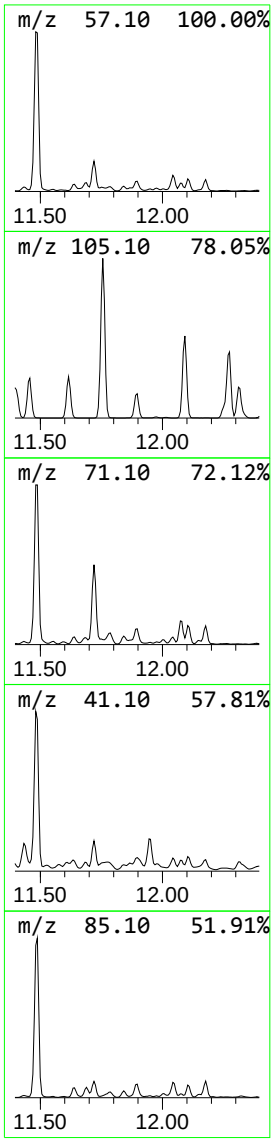
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	62.12 ug/L	1179920	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	60
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	27
4	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	27
5	Butanoic acid, 2-methyl-, 2-meth...	158	C9H18O2	002445-67-2	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

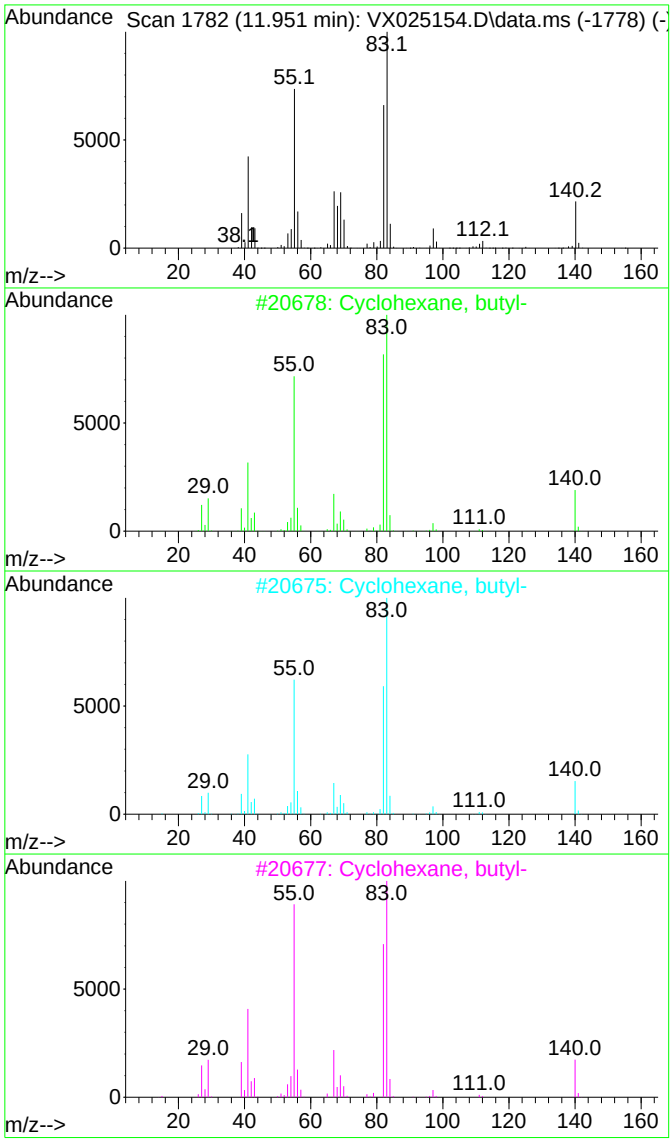
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

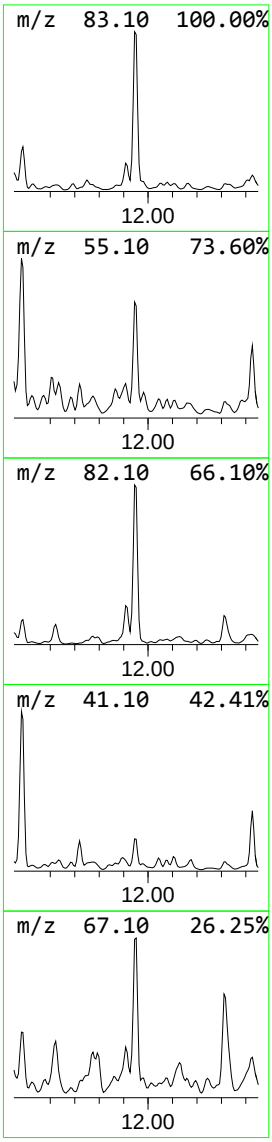
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic11.951 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	136.44 ug/L	2591710	1,4-Dichlorobenzene-d4	12.024

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

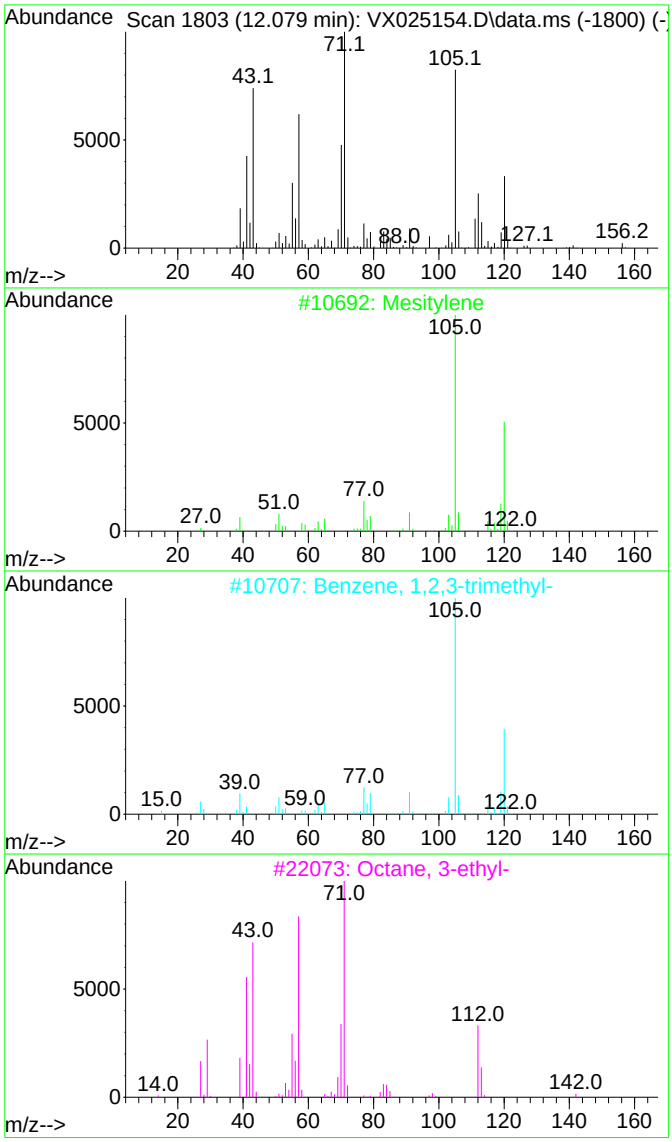
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

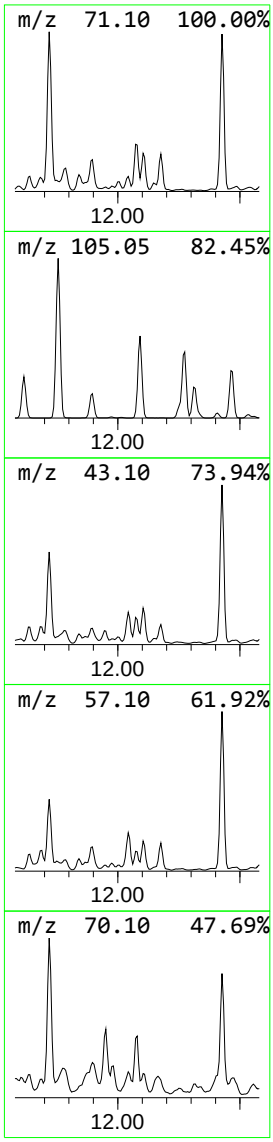
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.079	50.00 ug/L	949778	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	56
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	56
3	Octane, 3-ethyl-	142	C10H22	005881-17-4	47
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	44
5	Carbonic acid, 2-methylbutyl neo...	202	C11H22O3	1010331-42-9	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

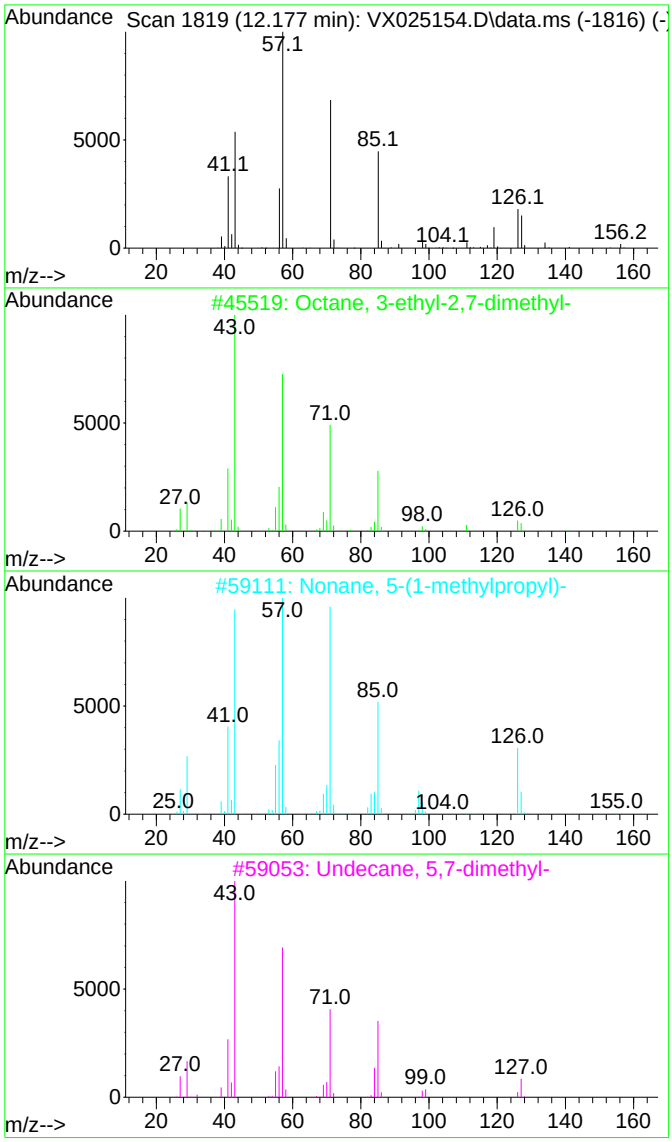
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

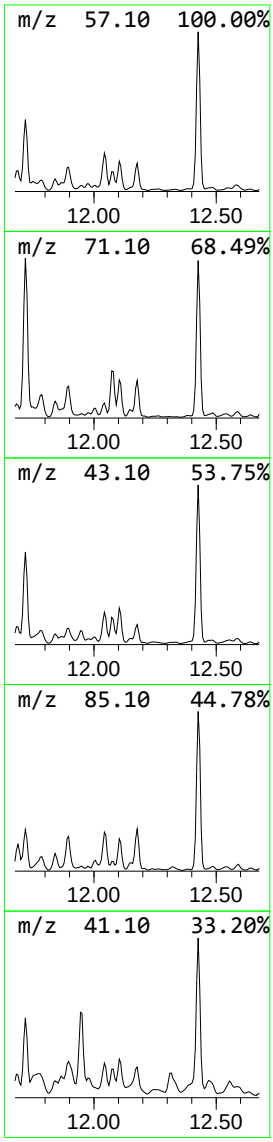
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.177	57.01 ug/L	1082890	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
2	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	64
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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

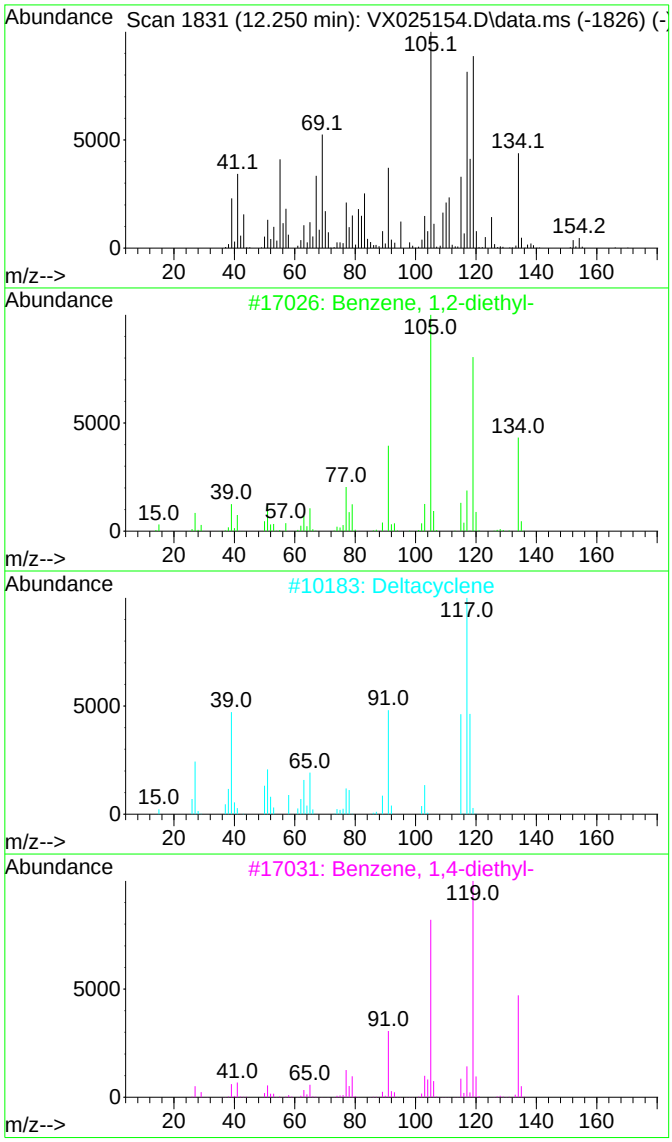
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

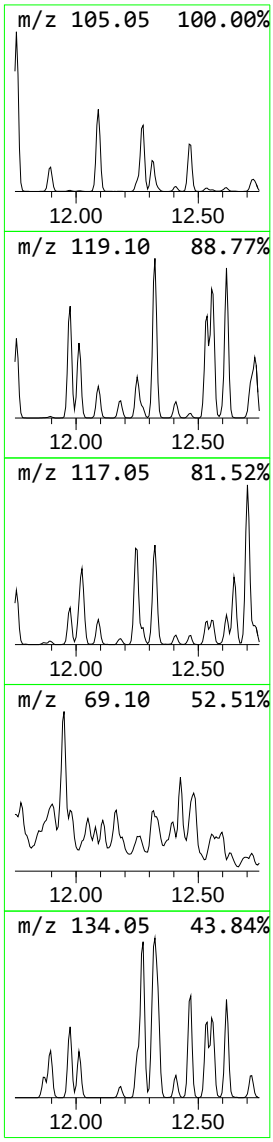
****

Peak Number 39 Benzene, 1,2-diethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	24.28 ug/L	461133	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	86
2	Deltacyclene	118	C9H10	007785-10-6	47
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	46
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	46
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

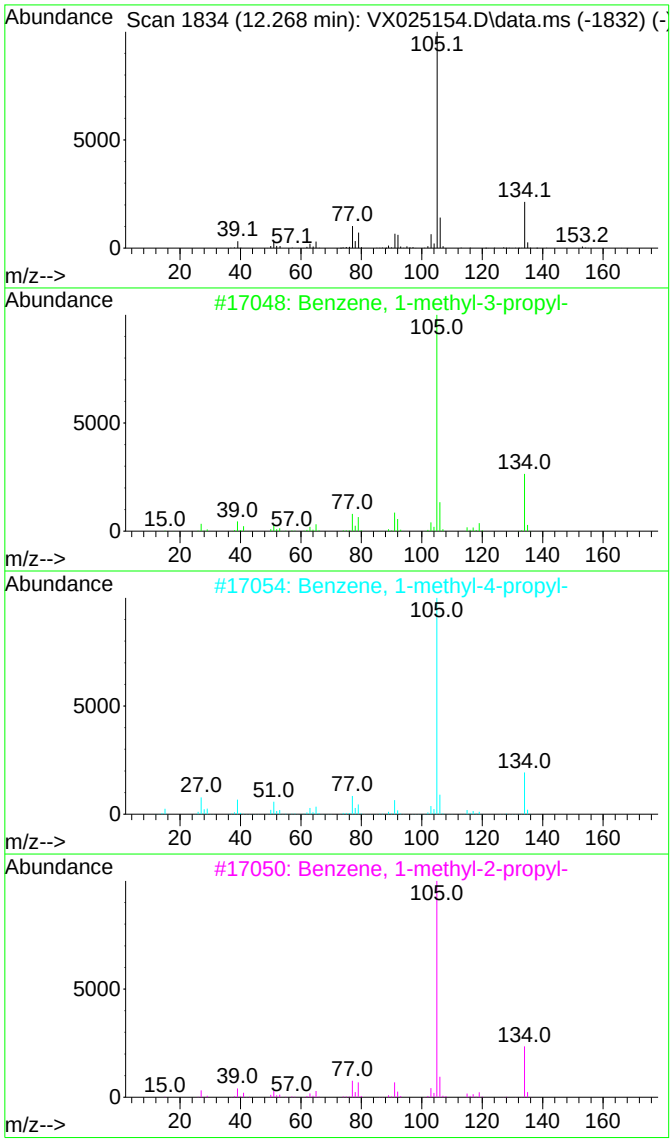
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

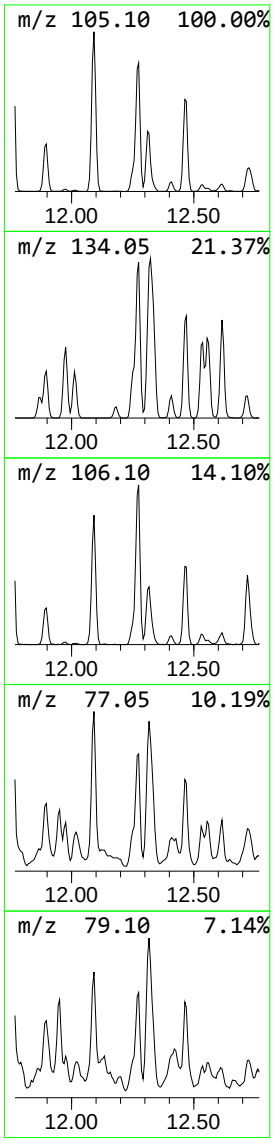
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-methyl-3-propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.268	29.21 ug/L	554910	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	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
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-2-propyl-	134	C10H14	001074-17-5	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

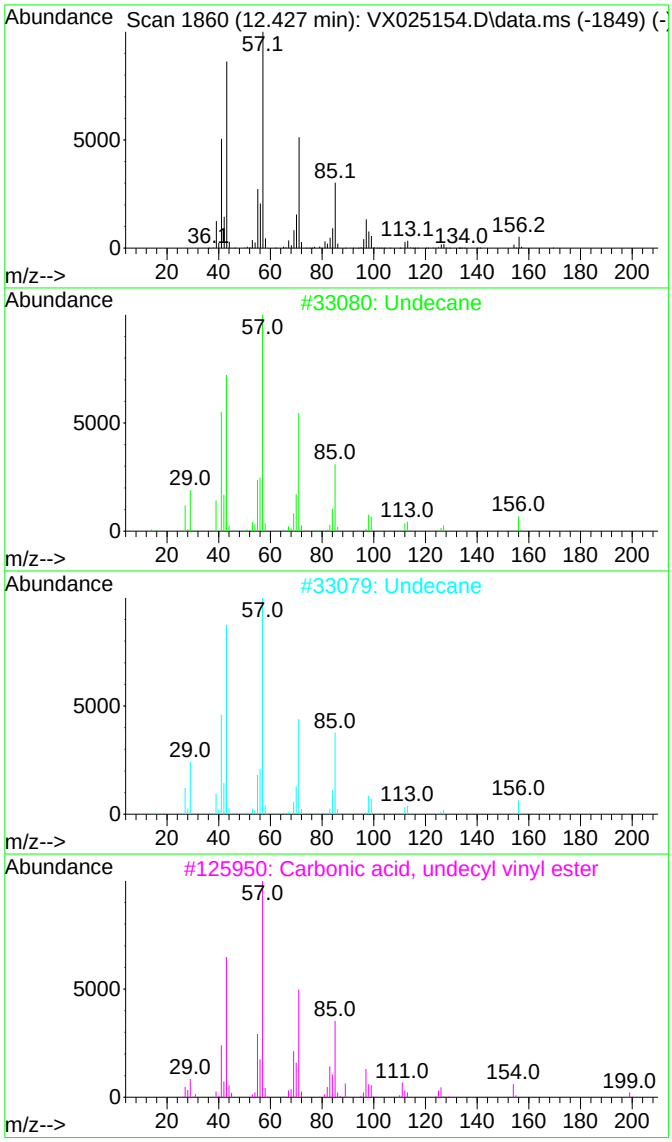
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

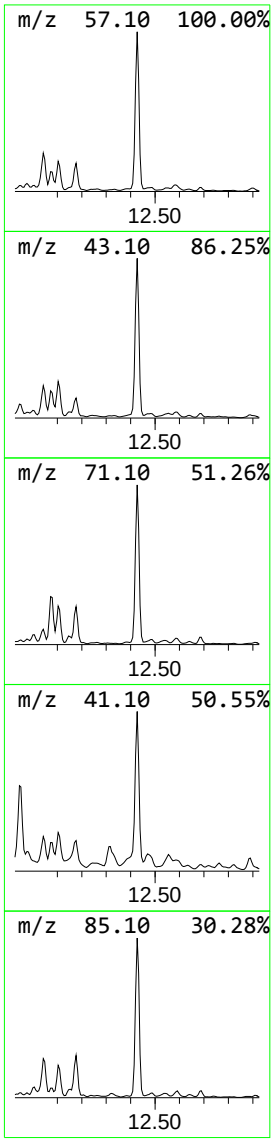
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	264.21 ug/L	5018730	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	94
3	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	83
4	Undecane	156	C11H24	001120-21-4	81
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

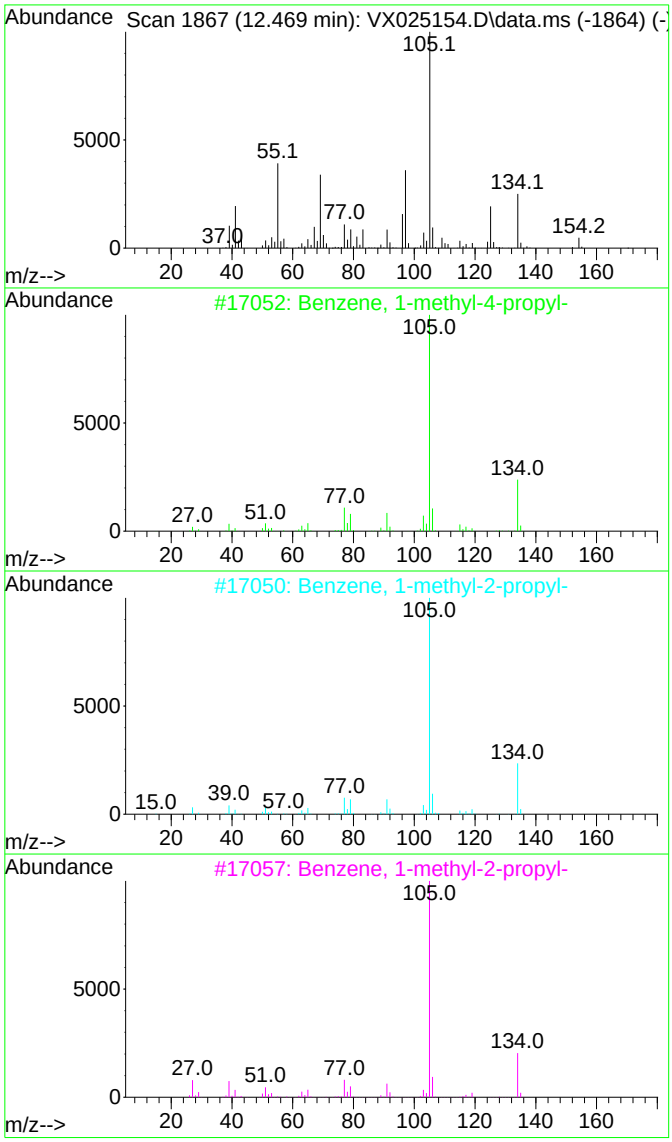
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

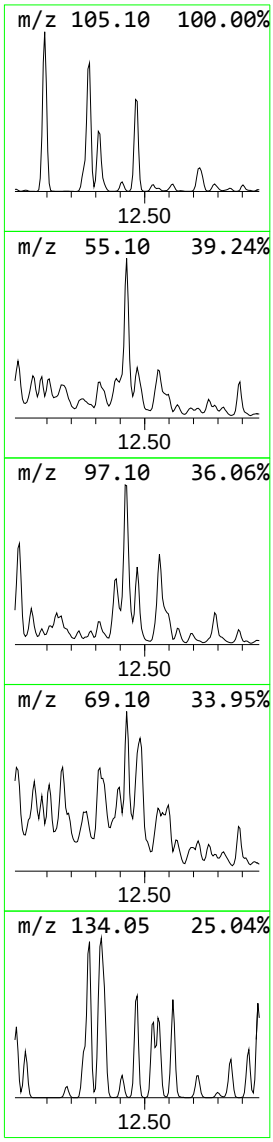
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1-methyl-4-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	57.68 ug/L	1095590	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	89
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	86
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	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 : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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

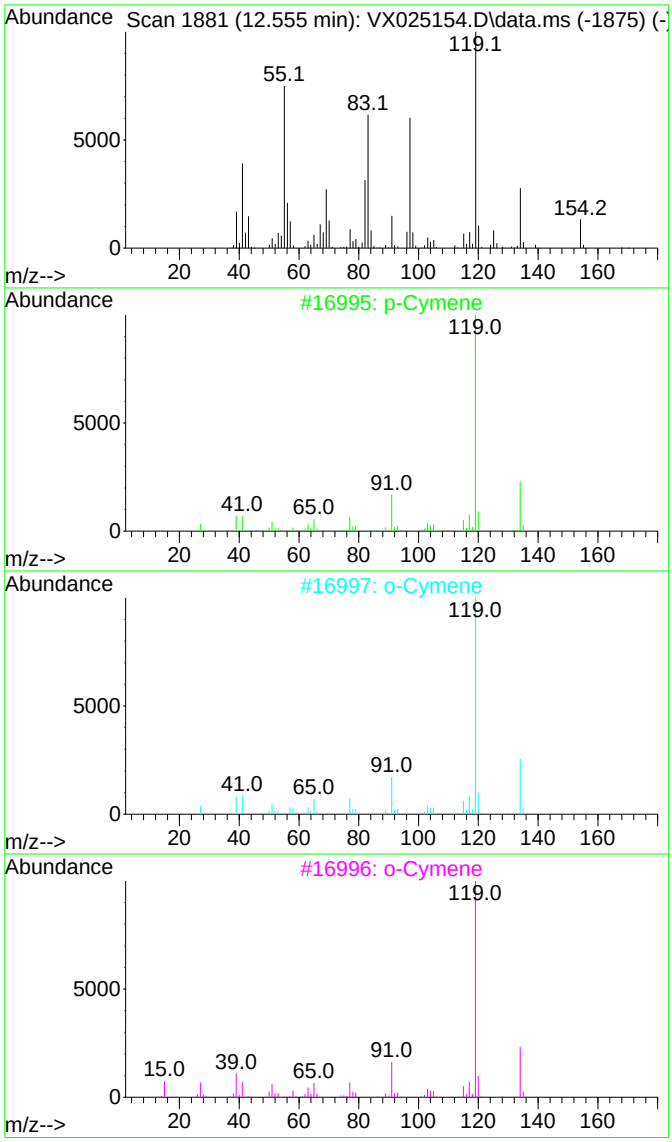
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

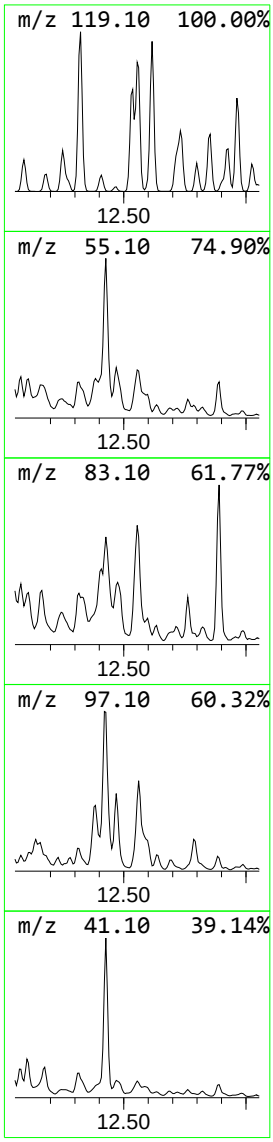
****

Peak Number 43 p-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.555	54.86 ug/L	1042020	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	83
2	o-Cymene	134	C10H14	000527-84-4	83
3	o-Cymene	134	C10H14	000527-84-4	55
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	49
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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

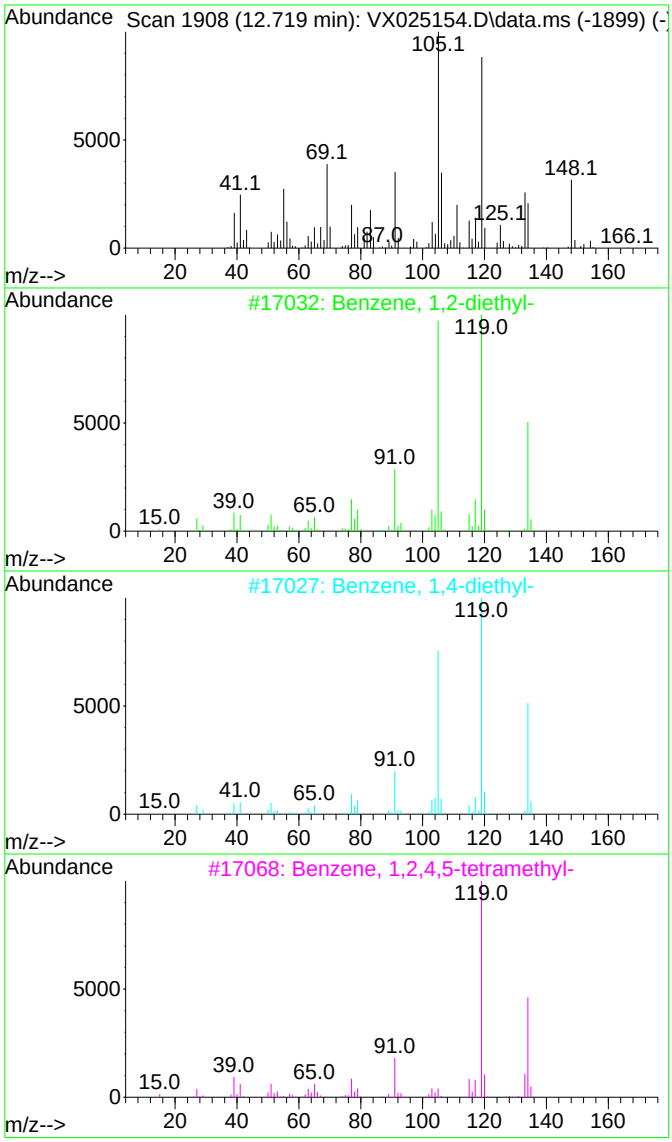
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

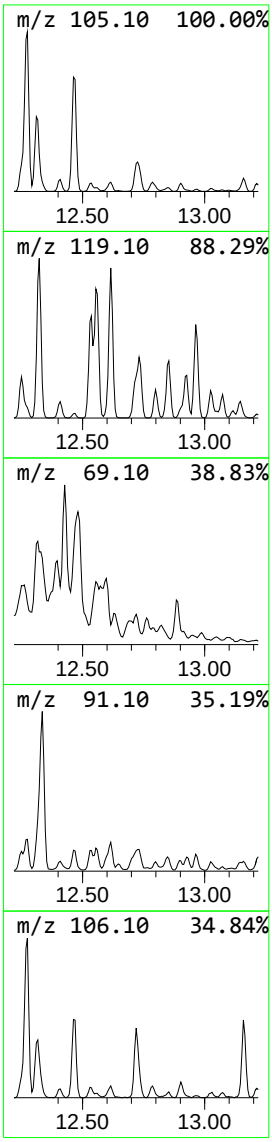
****

Peak Number 44 Benzene, 1,4-diethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.719	37.12 ug/L	705122	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	60
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	58
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

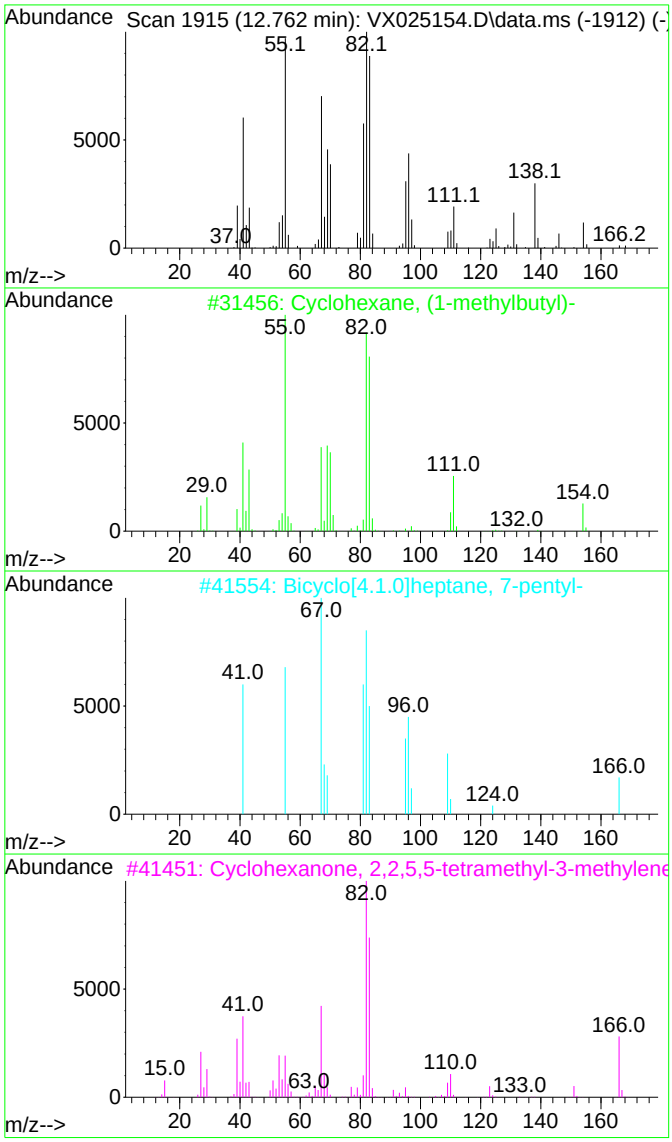
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

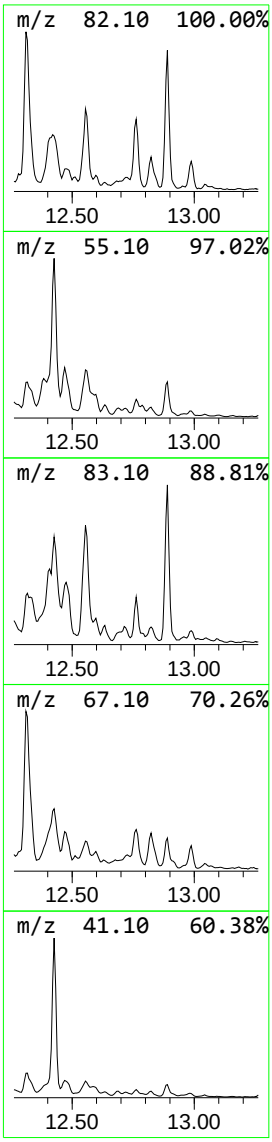
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Cyclic12.762 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.762	12.44 ug/L	236359	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	92
2	Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	43
3	Cyclohexanone, 2,2,5,5-tetrameth...	166	C11H18O	035505-97-6	38
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	30
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

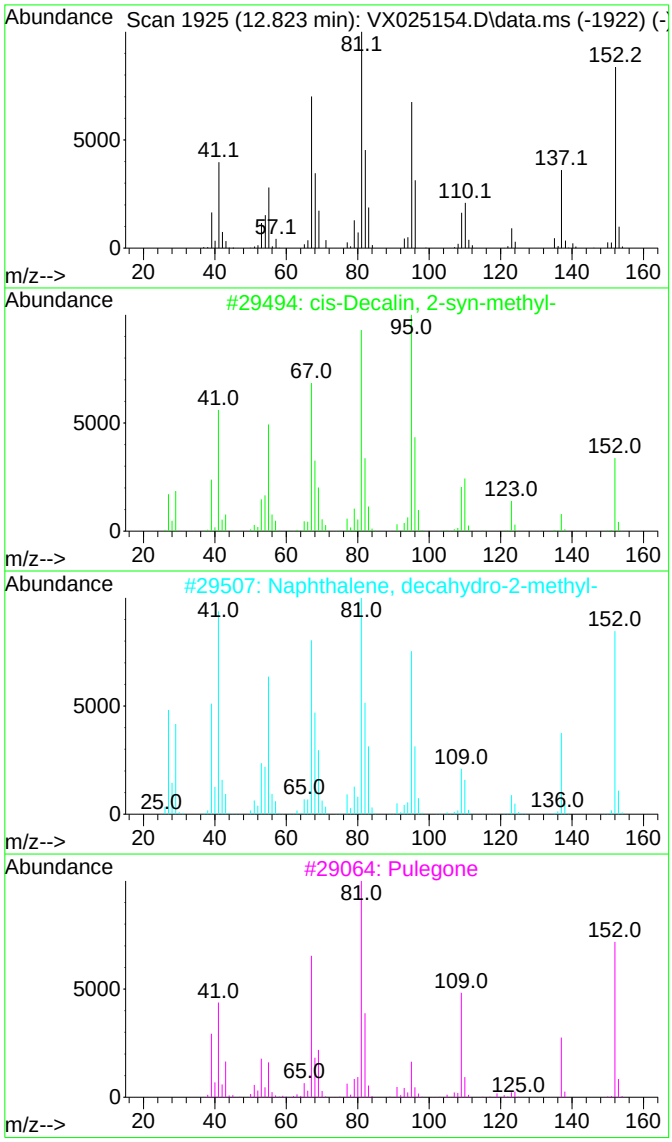
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

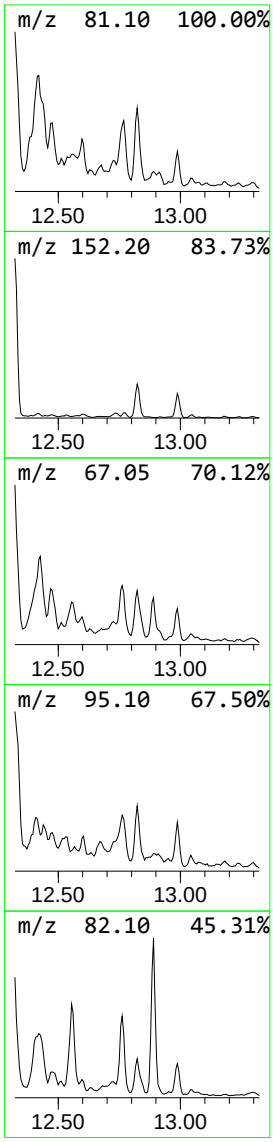
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 cis-Decalin, 2-syn-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.823	8.47 ug/L	160942	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	91
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3	Pulegone	152	C10H16O	000089-82-7	74
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	72
5	Pulegone	152	C10H16O	000089-82-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

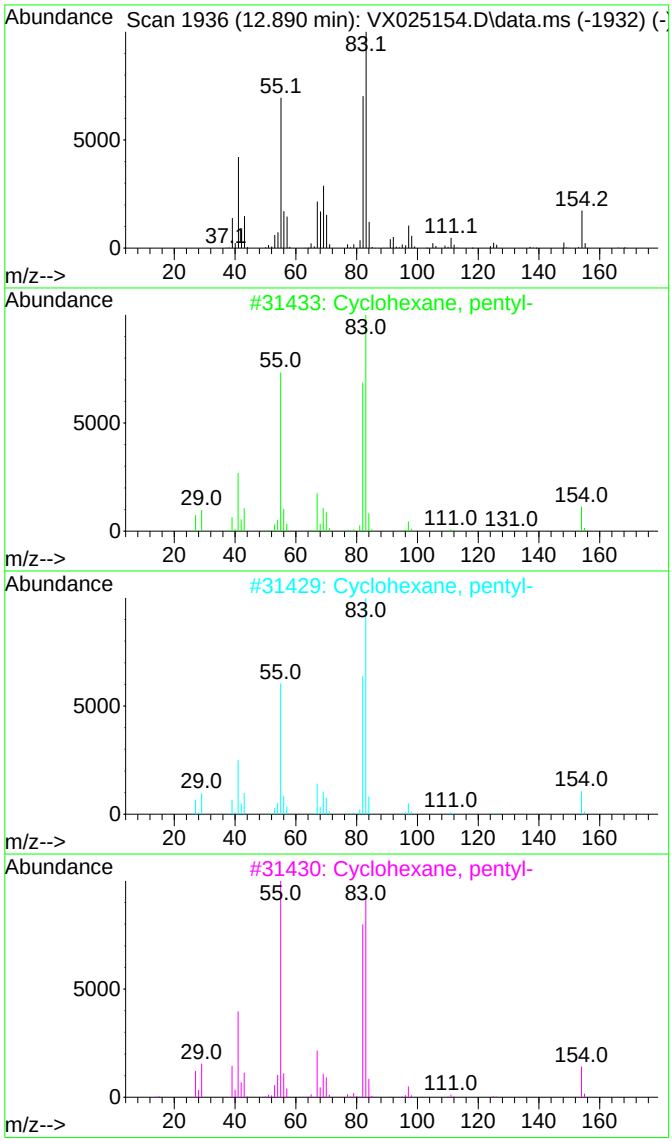
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

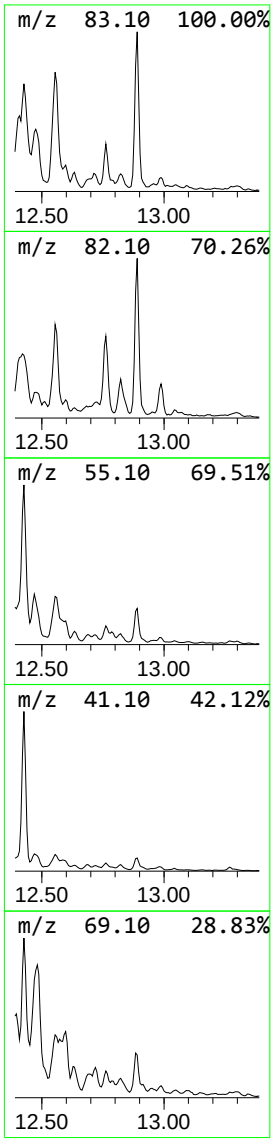
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Cyclic12.890 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	25.89 ug/L	491841	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	87
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

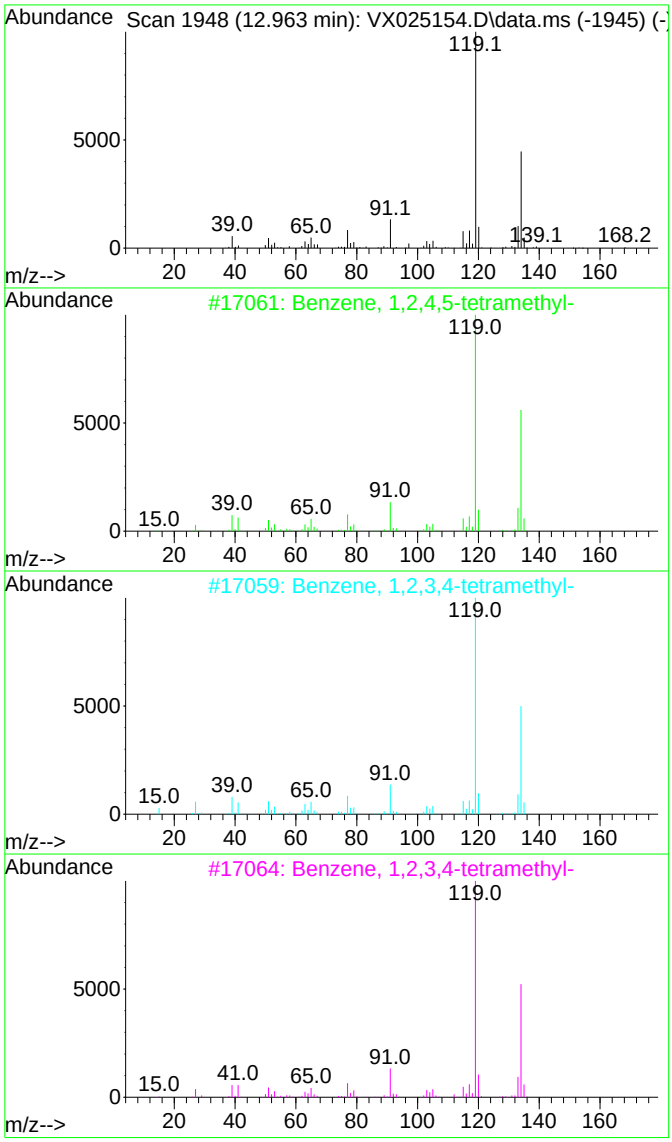
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

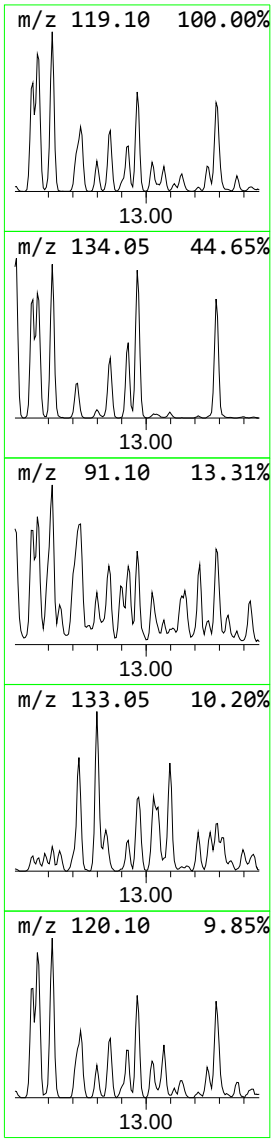
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	20.40 ug/L	387601	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

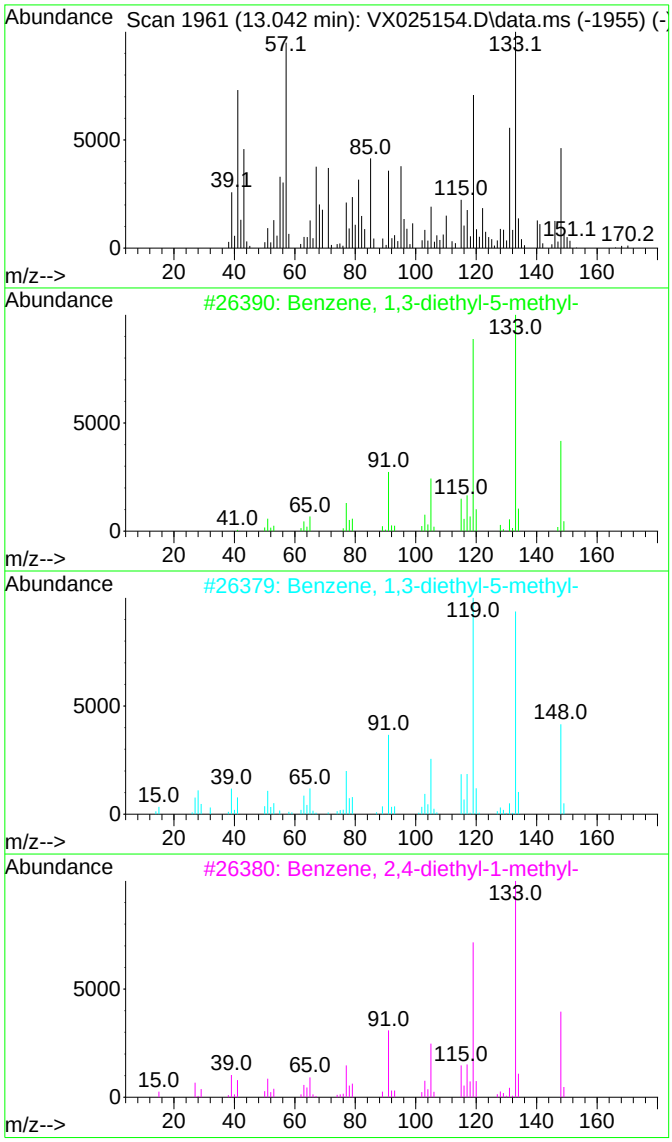
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

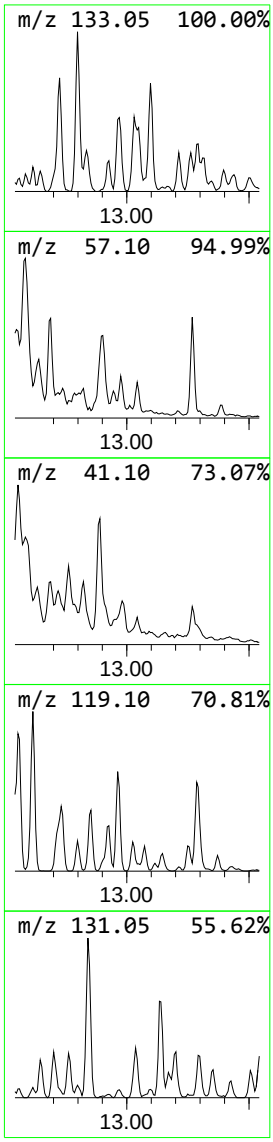
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.042	7.17 ug/L	136205	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	90
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	70
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	55
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	46
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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

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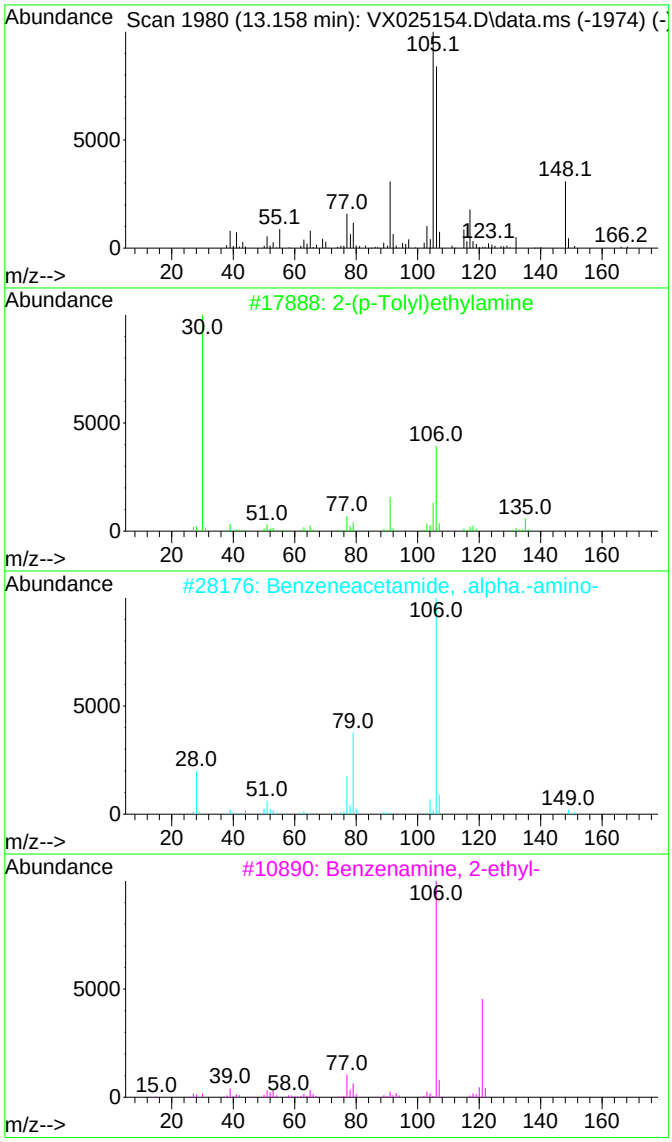
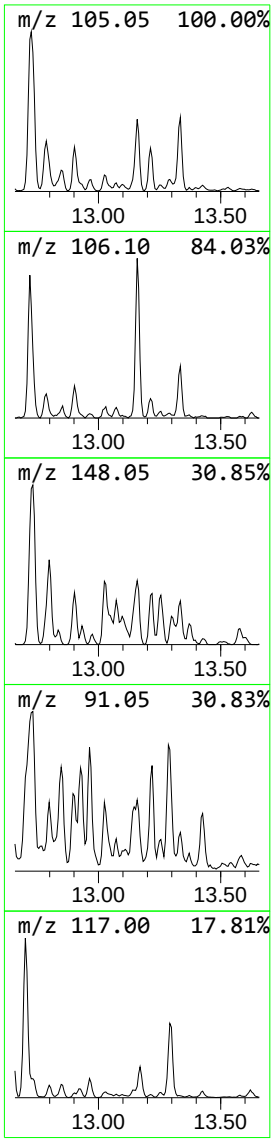
Peak Number 50 2-(p-Tolyl)ethylamine Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.158	6.83 ug/L	129684	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(p-Tolyl)ethylamine	135	C9H13N	003261-62-9	59
2	Benzeneacetamide, .alpha.-amino-	150	C8H10N2O	000700-63-0	47
3	Benzenamine, 2-ethyl-	121	C8H11N	000578-54-1	43
4	Benzenamine, 2-ethyl-	121	C8H11N	000578-54-1	43
5	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

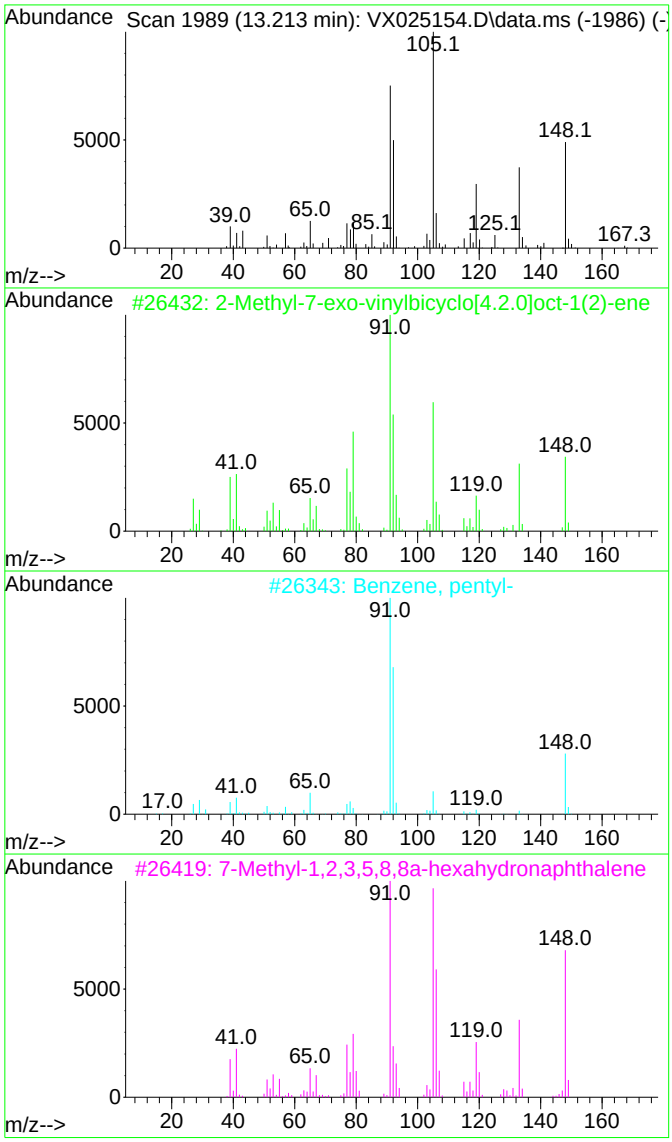
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

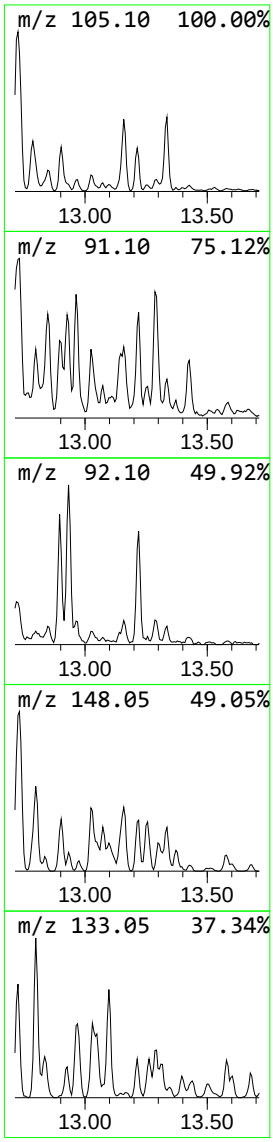
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 2-Methyl-7-exo-vinylbicyclo... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.213	2.65 ug/L	50286	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-7-exo-vinylbicyclo[4.2....	148	C11H16	107914-89-6	74
2	Benzene, pentyl-	148	C11H16	000538-68-1	52
3	7-Methyl-1,2,3,5,8,8a-hexahydron...	148	C11H16	107914-88-5	47
4	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	46
5	2-Methylindan-2-ol	148	C10H12O	033223-84-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

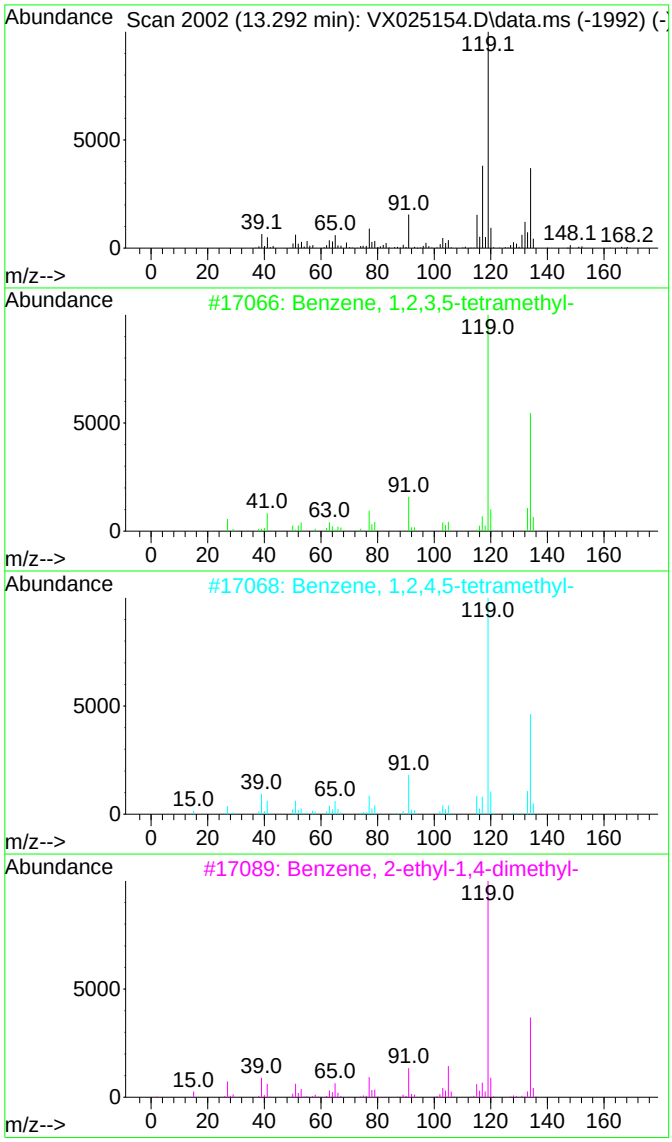
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

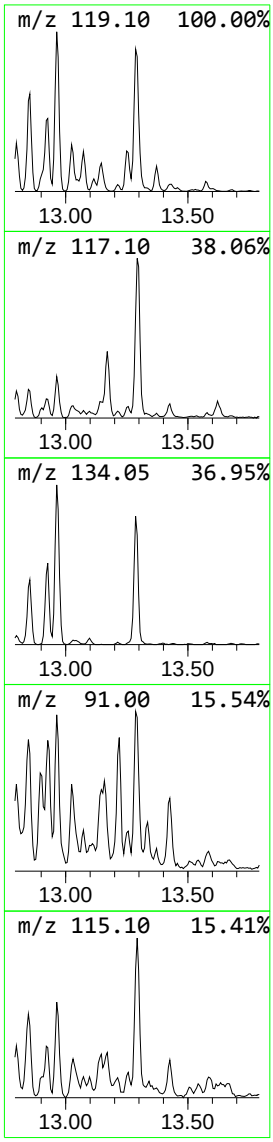
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	22.33 ug/L	424236	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	70
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	64
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	62
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	62
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

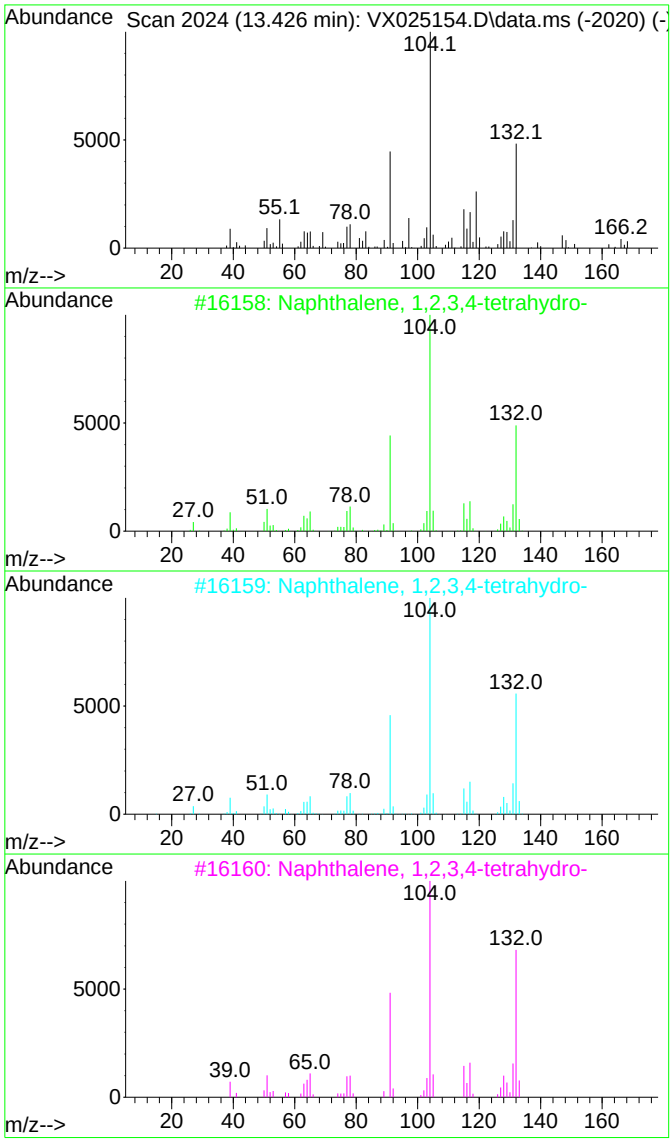
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis

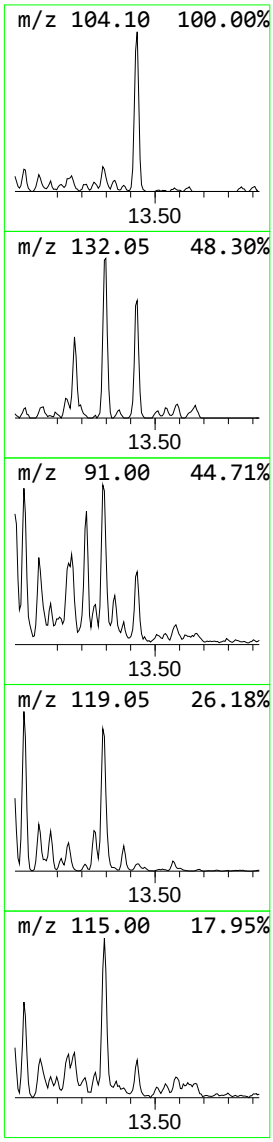
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.426	5.96 ug/L	113274	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	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	81
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	49
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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

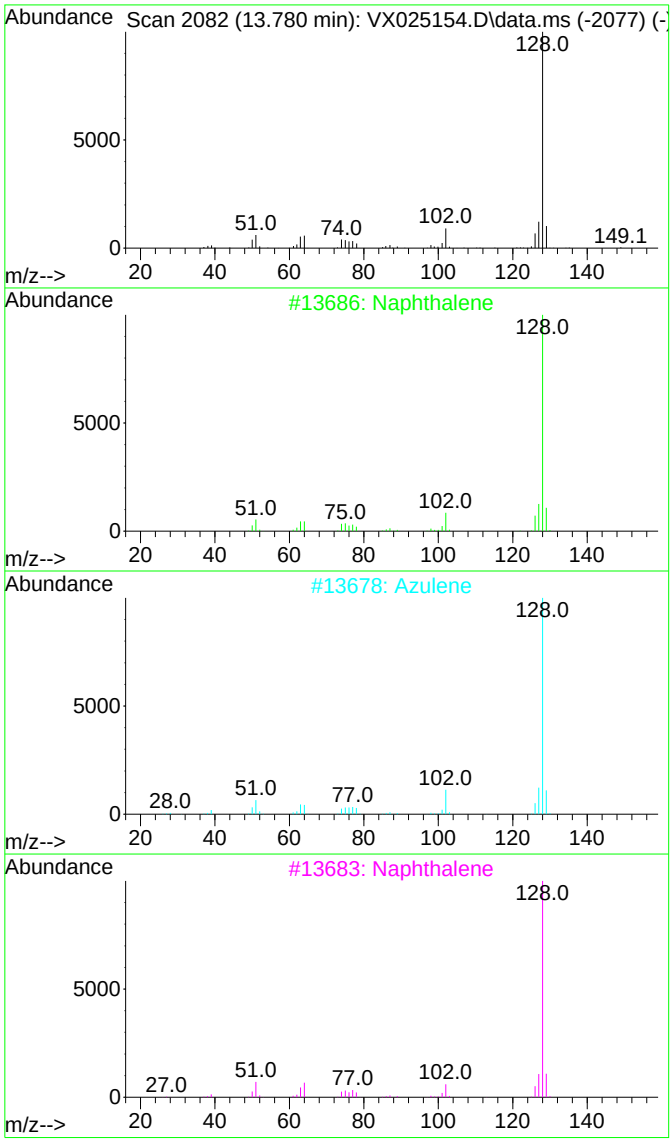
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

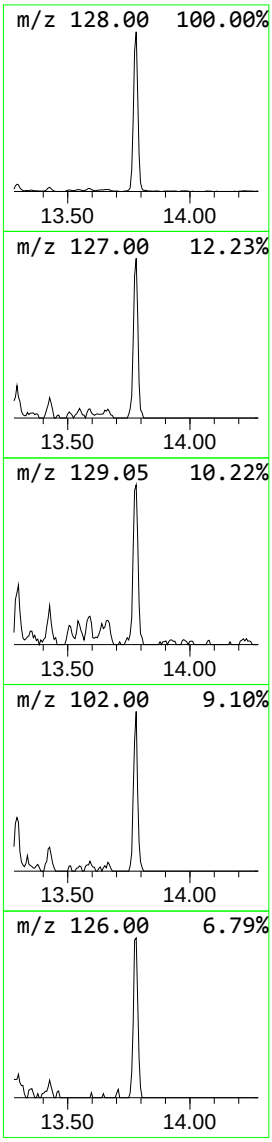
****

Peak Number 54 Azulene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	4.73 ug/L	89911	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	95
3	Naphthalene	128	C10H8	000091-20-3	95
4	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025154.D
Acq On : 12 Nov 2021 15:10
Operator : JC/MD
Sample : M4615-09 10X
Misc : 4.65g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0V15

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...	3.020	41.0	ug/L	394811	1	6.763	481483	50.0
(DEL) Alkane: S...	7.098	14.1	ug/L	135818	1	6.763	481483	50.0
Acetic acid, 1,...	7.440	2813.9	ug/L	27097400	1	6.763	481483	50.0
(DEL) Alkane: S...	7.501	15.3	ug/L	147717	1	6.763	481483	50.0
(DEL) Alkane: S...	8.275	2.9	ug/L	28133	1	6.763	481483	50.0
(DEL) Alkane: C...	8.598	9.8	ug/L	111652	2	10.055	572541	50.0
(DEL) Alkane: C...	9.104	5.7	ug/L	65265	2	10.055	572541	50.0
(DEL) Alkane: C...	9.506	40.6	ug/L	465258	2	10.055	572541	50.0
(DEL) Alkane: C...	9.567	16.9	ug/L	193536	2	10.055	572541	50.0
(DEL) Alkane: C...	9.622	16.5	ug/L	188602	2	10.055	572541	50.0
(DEL) Alkane: C...	9.762	5.2	ug/L	59769	2	10.055	572541	50.0
(DEL) Alkane: C...	9.836	70.7	ug/L	809644	2	10.055	572541	50.0
(DEL) Alkane: S...	9.909	42.2	ug/L	482994	2	10.055	572541	50.0
unknown-01	10.122	5.3	ug/L	61067	2	10.055	572541	50.0
(DEL) Alkane: S...	10.366	238.9	ug/L	2735230	2	10.055	572541	50.0
(DEL) Alkane: C...	10.457	16.2	ug/L	185681	2	10.055	572541	50.0
(DEL) Alkane: S...	10.537	3.9	ug/L	44333	2	10.055	572541	50.0
(DEL) Alkane: C...	10.592	162.8	ug/L	1863630	2	10.055	572541	50.0
(DEL) Alkane: S...	10.787	191.8	ug/L	2195920	2	10.055	572541	50.0
(DEL) Alkane: C...	10.860	229.4	ug/L	2627280	2	10.055	572541	50.0
(DEL) Alkane: S...	10.896	79.0	ug/L	905022	2	10.055	572541	50.0
(DEL) Alkane: S...	11.031	38.0	ug/L	434547	2	10.055	572541	50.0
(DEL) Alkane: S...	11.091	103.0	ug/L	1955870	3	12.024	949778	50.0
1-Iodo-2-methyl...	11.110	68.0	ug/L	1291340	3	12.024	949778	50.0
Benzene, propyl-	11.305	9.3	ug/L	176867	3	12.024	949778	50.0
(DEL) Alkane: C...	11.348	44.5	ug/L	844835	3	12.024	949778	50.0
Benzene, 1-ethy...	11.384	66.5	ug/L	1263160	3	12.024	949778	50.0
6-Ethyl-2,3-dih...	11.530	16.7	ug/L	317166	3	12.024	949778	50.0
(DEL) Alkane: C...	11.573	19.4	ug/L	368202	3	12.024	949778	50.0
Benzene, 1-ethy...	11.610	56.6	ug/L	1075000	3	12.024	949778	50.0
(DEL) Alkane: S...	11.683	31.7	ug/L	602311	3	12.024	949778	50.0
(DEL) Alkane: S...	11.841	21.3	ug/L	405268	3	12.024	949778	50.0
(DEL) Alkane: C...	11.866	15.1	ug/L	285972	3	12.024	949778	50.0
(DEL) Alkane: S...	11.896	62.1	ug/L	1179920	3	12.024	949778	50.0
(DEL) Alkane: C...	11.951	136.4	ug/L	2591710	3	12.024	949778	50.0
Benzene, 1,2,3-...	12.079	50.0	ug/L	949778	3	12.024	949778	50.0
(DEL) Alkane: S...	12.177	57.0	ug/L	1082890	3	12.024	949778	50.0
Benzene, 1,2-di...	12.250	24.3	ug/L	461133	3	12.024	949778	50.0
Benzene, 1-meth...	12.268	29.2	ug/L	554910	3	12.024	949778	50.0
(DEL) Alkane: S...	12.427	264.2	ug/L	5018730	3	12.024	949778	50.0
Benzene, 1-meth...	12.469	57.7	ug/L	1095590	3	12.024	949778	50.0
p-Cymene	12.555	54.9	ug/L	1042020	3	12.024	949778	50.0
Benzene, 1,4-di...	12.719	37.1	ug/L	705122	3	12.024	949778	50.0
(DEL) Alkane: C...	12.762	12.4	ug/L	236359	3	12.024	949778	50.0
cis-Decalin, 2-...	12.823	8.5	ug/L	160942	3	12.024	949778	50.0
(DEL) Alkane: C...	12.890	25.9	ug/L	491841	3	12.024	949778	50.0
Benzene, 1,2,4,...	12.963	20.4	ug/L	387601	3	12.024	949778	50.0
Benzene, 1,3-di...	13.042	7.2	ug/L	136205	3	12.024	949778	50.0
2-(p-Tolyl)ethy...	13.158	6.8	ug/L	129684	3	12.024	949778	50.0
2-Methyl-7-exo-...	13.213	2.6	ug/L	50286	3	12.024	949778	50.0
Benzene, 1,2,3,...	13.292	22.3	ug/L	424236	3	12.024	949778	50.0
Naphthalene, 1,...	13.426	6.0	ug/L	113274	3	12.024	949778	50.0

Azulene	13.780	4.7	ug/L	89911	3	12.024	949778	50.0

Instrument :
MSVOA_X
ClientSampleId :
C0V15