LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

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\SFAMXLM112221WMA.M
Title : VOC Analysis

Signal : TIC: VX025568.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.368	43	46	53	rVB	33971	39779	12.20%	1.179%
2	1.648	89	92	98	rVB	20479	24885	7.63%	0.738%
3	1.709	99	102	106	rVB	10210	10741	3.29%	0.318%
4	2.282	190	196	206	rBV	65134	112279	34.44%	3.329%
5	2.758	265	274	276	rBV4	2228	5698	1.75%	0.169%
6	2.947	297	305	317	rBV	6141	16210	4.97%	0.481%
7	3.422	376	383	389	rVV3	1597	3273	1.00%	0.097%
8	4.282	515	524	534	rBV	5551	15424	4.73%	0.457%
9	4.489	548	558	583	rBV	14390	67337	20.66%	1.997%
10	5.062	638	652	671	rBV2	40858	133176	40.85%	3.949%
11	5.452	708	716	730	rVV6	6553	23482	7.20%	0.696%
12	5.605	733	741	750	rVB5	2713	8196	2.51%	0.243%
13	5.818	767	776	783	rVB4	2220	6735	2.07%	0.200%
14	5.964	789	800	818	rVV2	112011	325981	100.00%	9.665%
15	6.141	821	829	839	rVB7	2546	7003	2.15%	0.208%
16	6.245	839	846	853	rVB4	2414	6185	1.90%	0.183%
17	6.355	853	864	874	rBV6	6448	19725	6.05%	0.585%
18	6.598	897	904	914	rVB4	2182	5362	1.64%	0.159%
19	6.763	921	931	948	rBV	78803	201280	61.75%	5.968%
20	7.220	1001	1006	1012	rVB5	702	1652	0.51%	0.049%
21	7.312	1012	1021	1026	rBV2	61590	144434	44.31%	4.282%
22	7.495	1044	1051	1056	rBV3	765	1505	0.46%	0.045%
23	7.647	1071	1076	1082	rVB3	2082	3865	1.19%	0.115%
24	7.769	1090	1096	1103	rBV3	3525	7144	2.19%	0.212%
25	7.952	1120	1126	1133	rVB5	3832	7686	2.36%	0.228%
26	8.183	1159	1164	1167	rBV4	1233	2056	0.63%	0.061%
27	8.275	1174	1179	1182	rBV2	3771	5553	1.70%	0.165%
28	8.330	1182	1188	1201	rVB	35886	67777	20.79%	2.010%
29	8.433	1201	1205	1210	rBV3	1496	2311	0.71%	0.069%
30	8.598	1224	1232	1234	rBV2	6950	10960	3.36%	0.325%
31	8.647	1234	1240	1247	rVB	163922	277868	85.24%	8.239%
32	8.720	1247	1252	1257	rBV	12974	19122	5.87%	0.567%
33	8.769	1257	1260	1264	rVB3	3402	5121	1.57%	0.152%
34	8.817	1264	1268	1269	rBV2	1439	1873	0.57%	0.056%
35	8.909	1278	1283	1286	rBV2	4576	6682	2.05%	0.198%
36	8.958	1286	1291	1303	rVV2	24619	53136	16.30%	1.575%

LSC Area Percent Report

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Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

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\SFAMXLM112221WMA.M
Title : VOC Analysis

37	9.098	1310	1314	1319	rBV2	1997	3158	0.97%	0.094%
38	9.275	1338	1343	1350	rVB5	2297	3338	1.02%	0.099%
39	9.397	1356	1363	1377	rBV	87260	154437	47.38%	4.579%
40	9.512	1377	1382	1386	rBV5	2542	4632	1.42%	0.137%
41	9.561	1386	1390	1394	rVB2	8850	12031	3.69%	0.357%
42	9.616	1394	1399	1404	rBV2	14511	23029	7.06%	0.683%
43	9.756	1419	1422	1427	rVB3	1546	1910	0.59%	0.057%
44	9.817	1427	1432	1438	rVV3	8542	13512	4.15%	0.401%
45	9.903	1441	1446	1451	rVB3	2469	3565	1.09%	0.106%
46	10.006	1457	1463	1466	rBV3	2230	3306	1.01%	0.098%
47	10.055	1466	1471	1478	rVV	157551	236439	72.53%	7.010%
48	10.128	1480	1483	1487	rVB2	2502	3459	1.06%	0.103%
49	10.195	1487	1494	1499	rBV	4379	6619	2.03%	0.196%
50	10.305	1501	1512	1517	rVV	23870	40768	12.51%	1.209%
51	10.360	1517	1521	1529	rVV3	10044	14904	4.57%	0.442%
52	10.585	1551	1558	1564	rBV7	3621	7290	2.24%	0.216%
53	10.646	1564	1568	1576	rVB	22894	30708	9.42%	0.910%
54	10.781	1587	1590	1596	rVB2	10466	13291	4.08%	0.394%
55	10.854	1599	1602	1605	rVV2	5666	7728	2.37%	0.229%
56	10.896	1605	1609	1614	rVB	10489	14102	4.33%	0.418%
57	10.963	1615	1620	1624	rBV	4513	6385	1.96%	0.189%
58	11.037	1628	1632	1636	rVB3	2978	4107	1.26%	0.122%
59	11.085	1636	1640	1641	rBV3	1203	1351	0.41%	0.040%
60	11.116	1642	1645	1650	rVB5	4643	8263	2.53%	0.245%
61	11.195	1653	1658	1669	rBV	124355	169377	51.96%	5.022%
62	11.305	1672	1676	1680	rBV2	4616	7171	2.20%	0.213%
63	11.384	1685	1689	1694	rVB3	9146	13172	4.04%	0.391%
64	11.457	1694	1701	1702	rBV2	5969	8762	2.69%	0.260%
65	11.476	1702	1704	1710	rVB	14789	16859	5.17%	0.500%
66	11.616	1723	1727	1734	rBV	7824	10864	3.33%	0.322%
67	11.719	1739	1744	1746	rVV	11417	14713	4.51%	0.436%
68	11.756	1746	1750	1759	rVB	22755	32366	9.93%	0.960%
69	11.847	1759	1765	1766	rBV3	1677	2529	0.78%	0.075%
70	11.896	1770	1773	1776	rVB2	3087	3760	1.15%	0.111%
71	12.024	1789	1794	1800	rBV	195808	244194	74.91%	7.240%
72	12.091	1801	1805	1812	rVB2	12179	18581	5.70%	0.551%
73	12.268	1825	1834	1837	rBV4	3267	6566	2.01%	0.195%
74	12.323	1837	1843	1849	rVB	207815	267066	81.93%	7.918%
75	12.427	1855	1860	1864	rBV	18502	23039	7.07%	0.683%
76	12.469	1864	1867	1872	rVB4	4179	6380	1.96%	0.189%

LSC Area Percent Report

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Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

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\SFAMXLM112221WMA.M
Title : VOC Analysis

77	12.530	1875	1877	1879	rBV3	2406	2471	0.76%	0.073%
78	12.719	1905	1908	1913	rBV4	2799	4204	1.29%	0.125%
79	12.890	1932	1936	1939	rBV5	2679	4652	1.43%	0.138%
80	12.975	1945	1950	1956	rVB5	6736	10178	3.12%	0.302%
81	13.036	1956	1960	1965	rBV5	2288	4670	1.43%	0.138%
82	13.158	1974	1980	1984	rBV6	1667	3392	1.04%	0.101%
83	13.268	1994	1998	2007	rVB2	16939	25760	7.90%	0.764%
84	13.384	2013	2017	2021	rBV	8380	10790	3.31%	0.320%
85	13.512	2034	2038	2040	rBV3	1262	1842	0.57%	0.055%
86	13.585	2046	2050	2053	rBV5	2328	3552	1.09%	0.105%
87	13.780	2077	2082	2088	rVB	27409	39524	12.12%	1.172%
88	13.847	2088	2093	2096	rVB	11468	14376	4.41%	0.426%
89	14.042	2120	2125	2127	rBV	12156	14347	4.40%	0.425%
90	14.103	2133	2135	2138	rVB3	2799	2735	0.84%	0.081%
91	14.505	2197	2201	2207	rVB4	4000	6609	2.03%	0.196%
92	14.640	2216	2223	2226	rBV	24989	35277	10.82%	1.046%
93	14.755	2239	2242	2244	rBV2	8664	11736	3.60%	0.348%
94	14.780	2244	2246	2252	rVB	23423	27991	8.59%	0.830%
95	14.841	2254	2256	2261	rVB3	2502	3441	1.06%	0.102%
96	15.213	2314	2317	2322	rVB2	7464	10055	3.08%	0.298%
97	15.615	2379	2383	2386	rBV	4515	6713	2.06%	0.199%
98	15.652	2386	2389	2393	rVV5	3338	4784	1.47%	0.142%
99	15.841	2412	2420	2431	rVB6	1692	5370	1.65%	0.159%
100	16.377	2502	2508	2514	rVB4	1517	2993	0.92%	0.089%

Sum of corrected areas: 3372689

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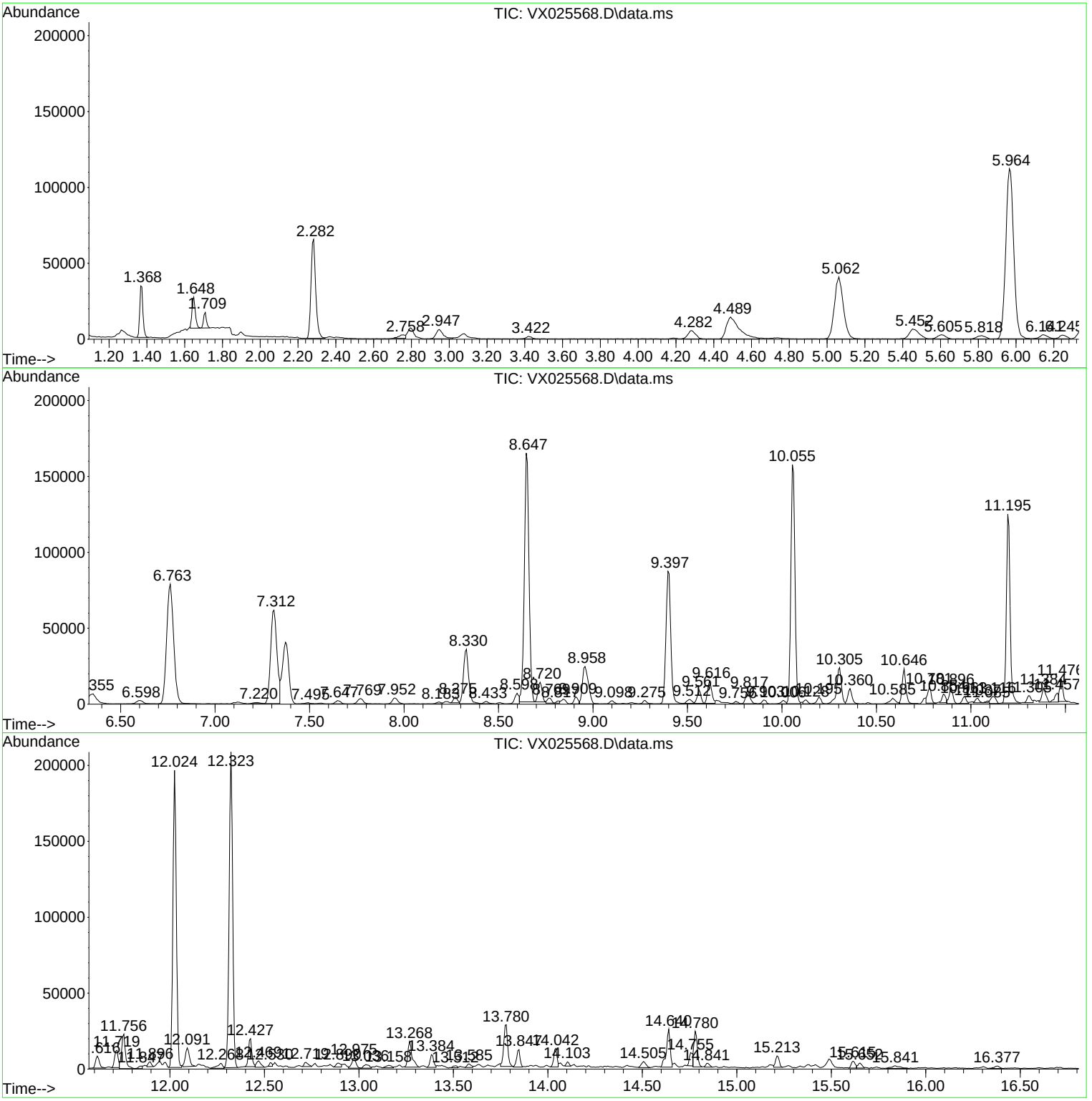
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
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Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

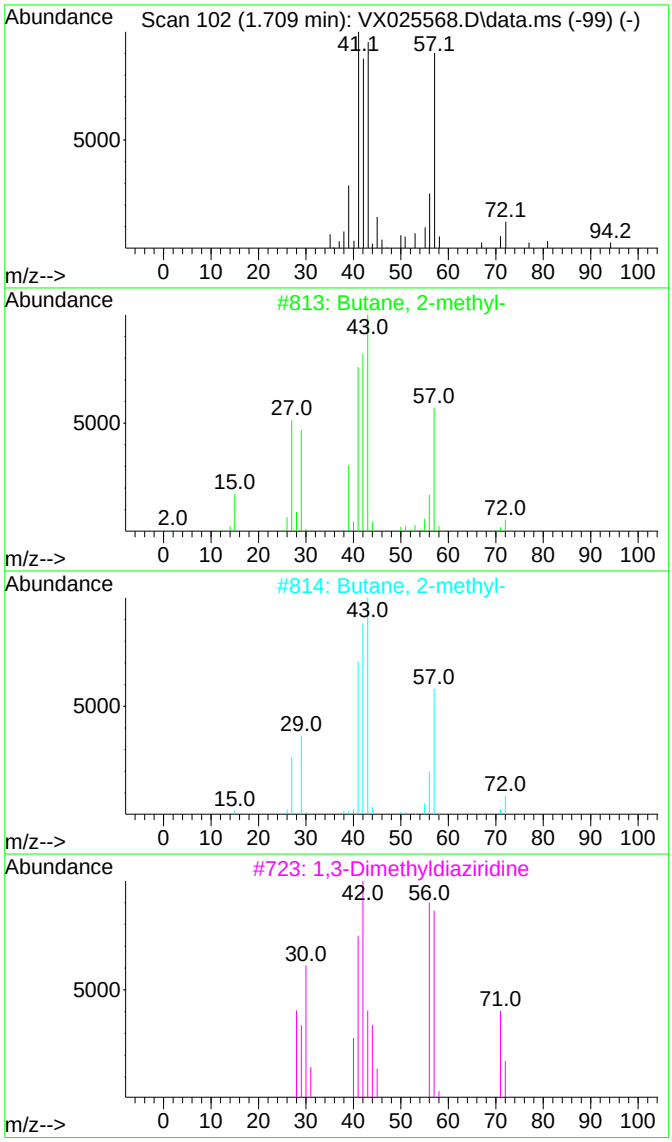
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

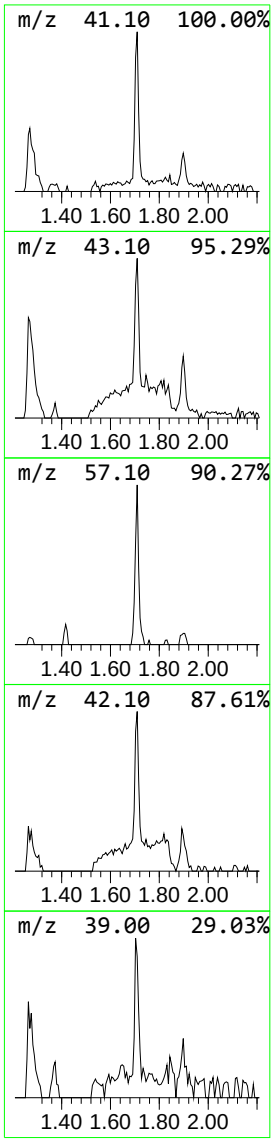
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.709	2.67 ug/L	10741	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	64
2	Butane, 2-methyl-	72	C5H12	000078-78-4	64
3	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	36
4	2-Azidopropane	85	C3H7N3	000691-57-6	33
5	Oxirane, trimethyl-	86	C5H10O	005076-19-7	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

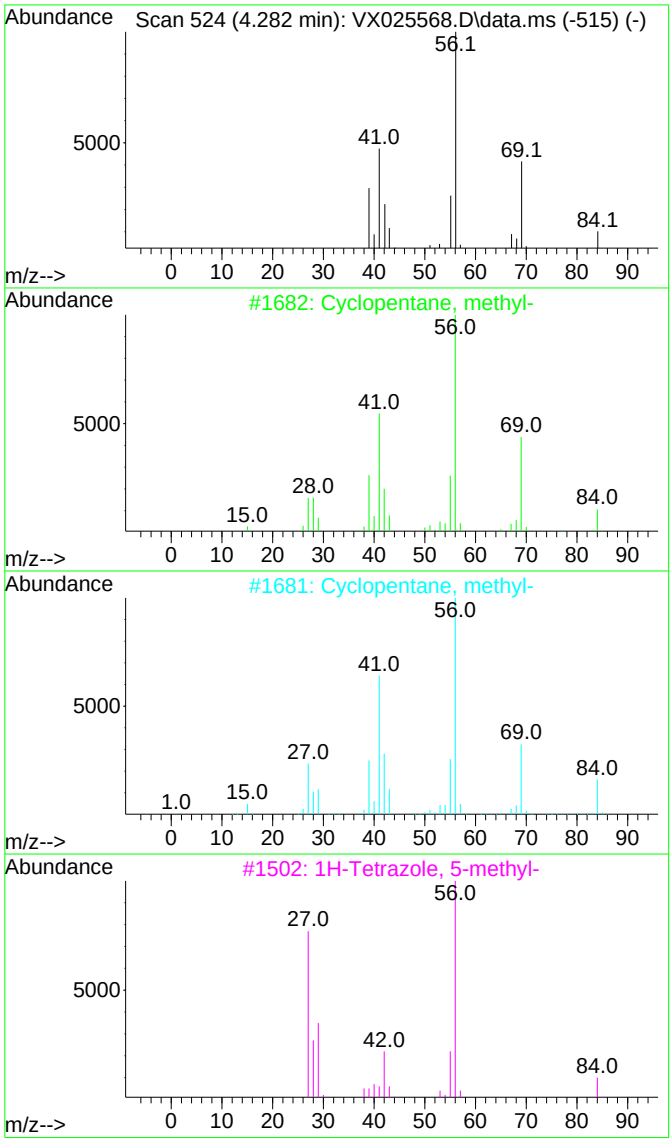
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

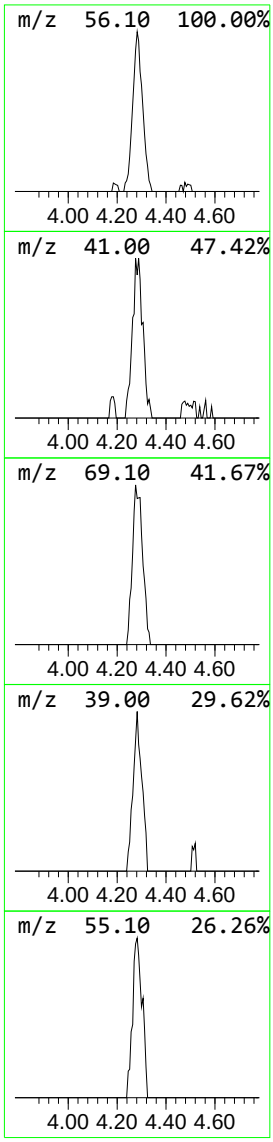
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.282 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.282	3.83 ug/L	15424	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

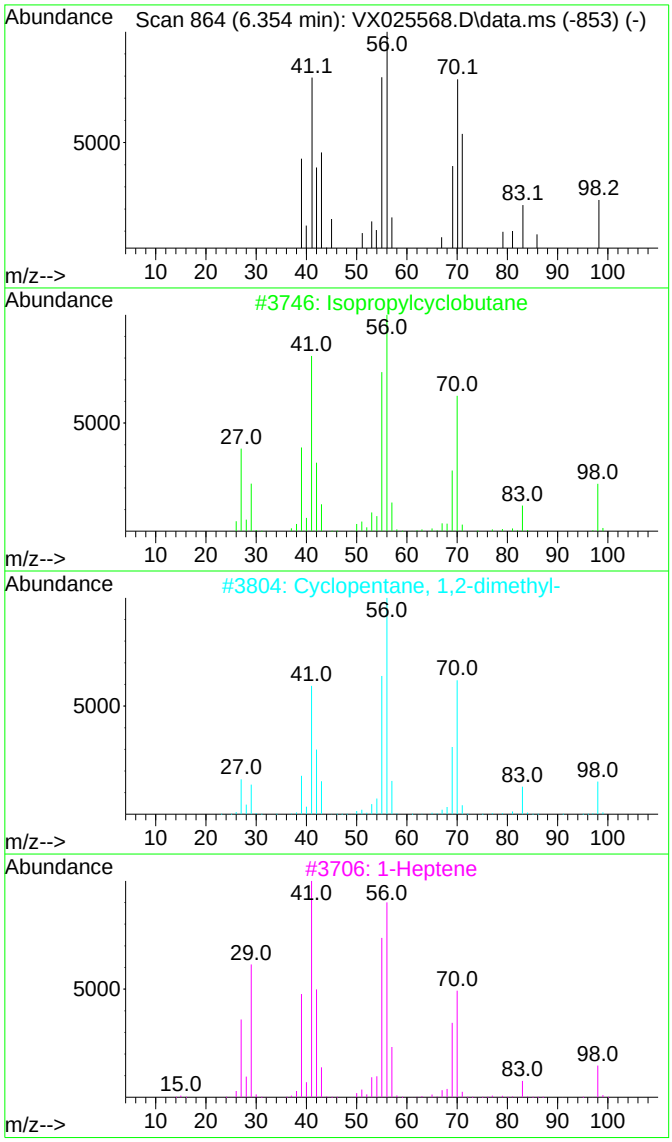
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

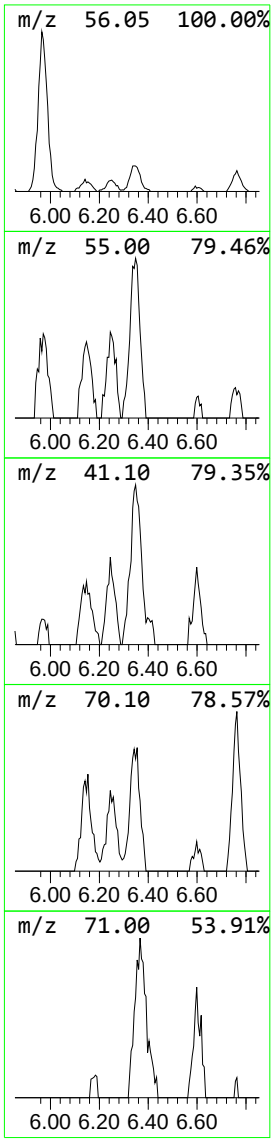
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic6.354 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.354	4.90 ug/L	19725	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	76
3	1-Heptene	98	C7H14	000592-76-7	72
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70
5	1-Heptene	98	C7H14	000592-76-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
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Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

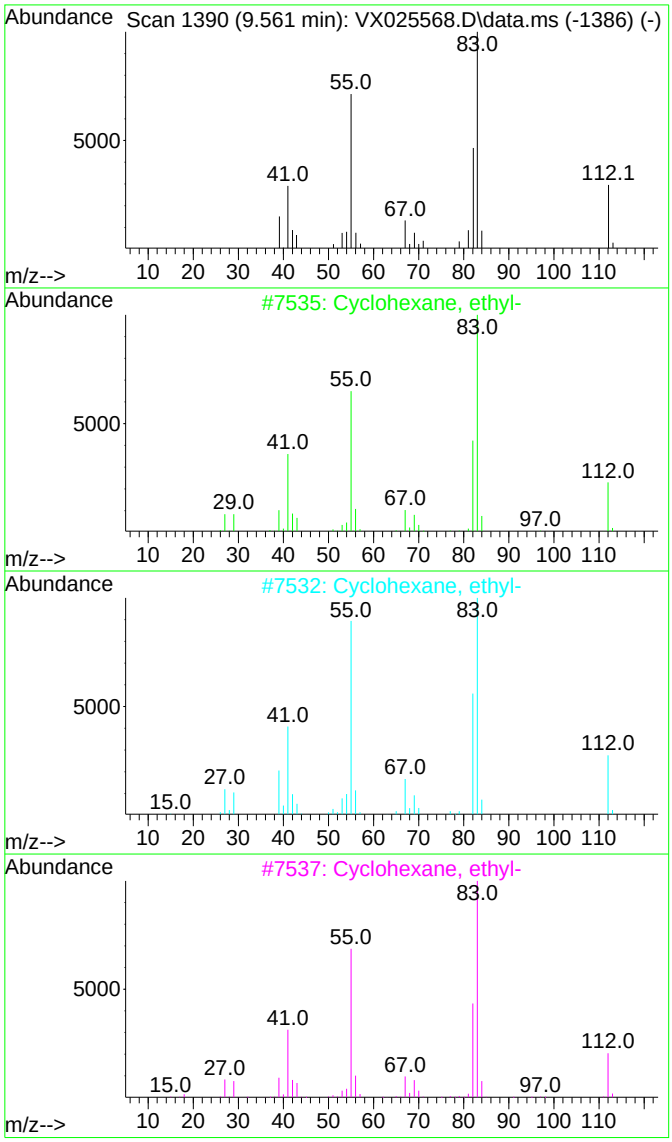
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

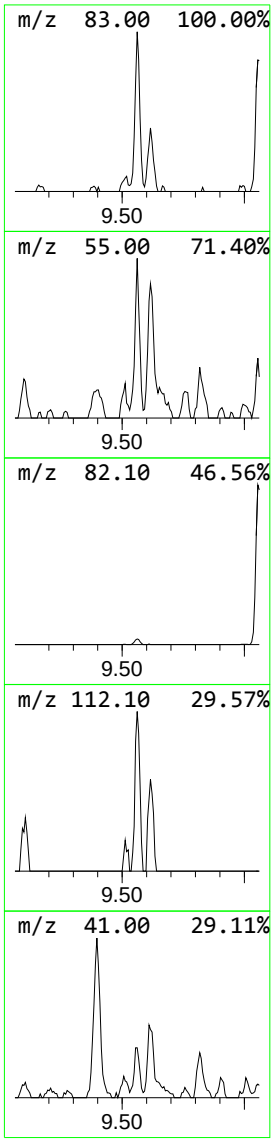
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic9.561 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.561	2.54 ug/L	12031	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

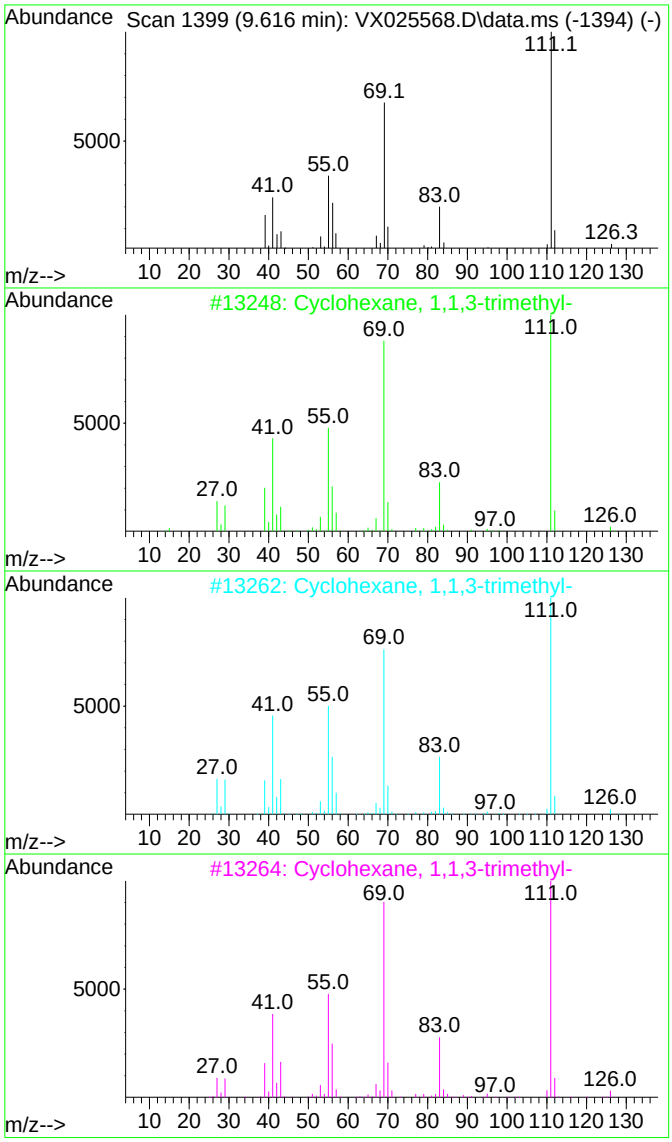
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

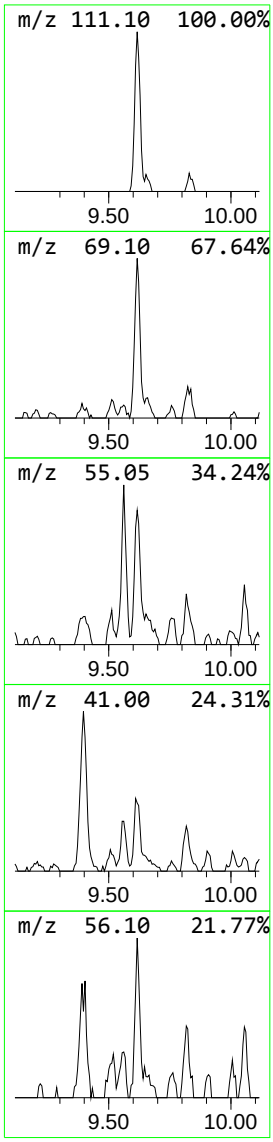
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic9.616 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	4.87 ug/L	23029	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	97
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
5	Isocytosine	111	C4H5N3O	000108-53-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

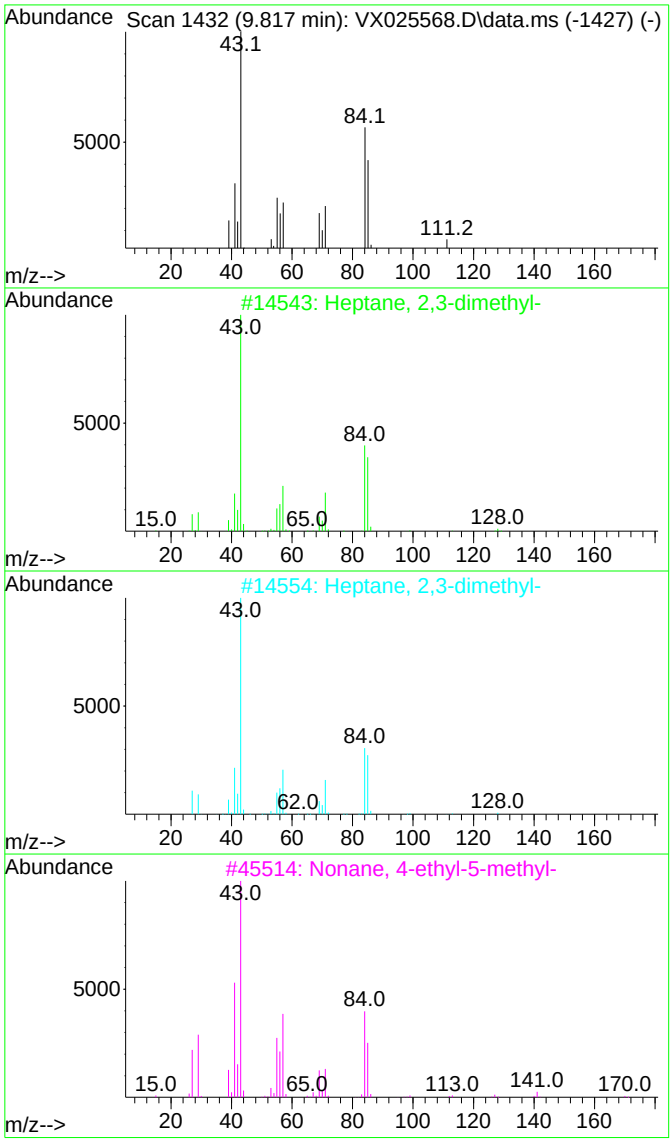
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

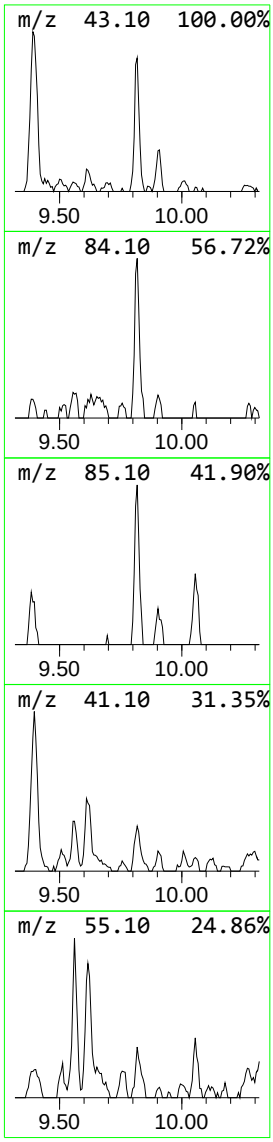
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.817	2.86 ug/L	13512	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	83
3	Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	72
4	1-Octene, 4-methyl-	126	C9H18	013151-12-7	64
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	56





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Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

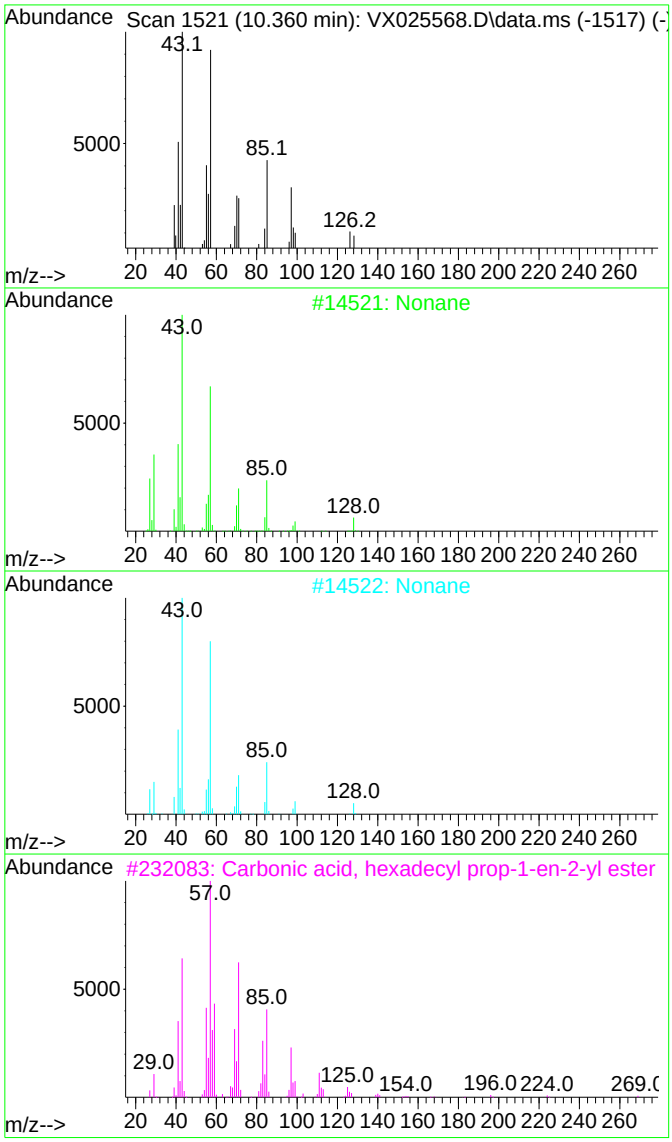
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

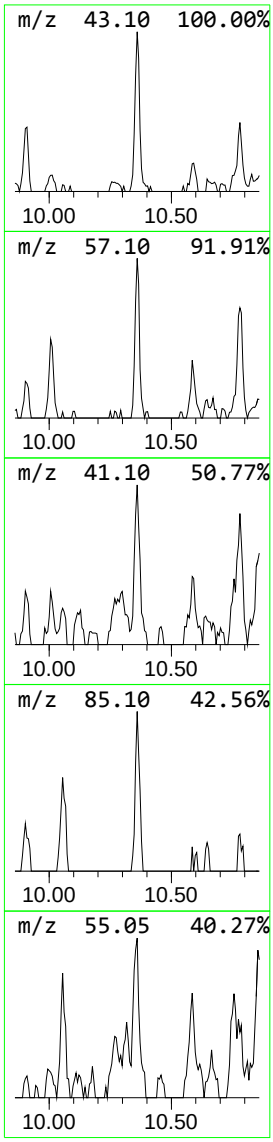
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.360	3.15 ug/L	14904	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	62
2	Nonane	128	C9H20	000111-84-2	58
3	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	53
4	Nonane	128	C9H20	000111-84-2	49
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

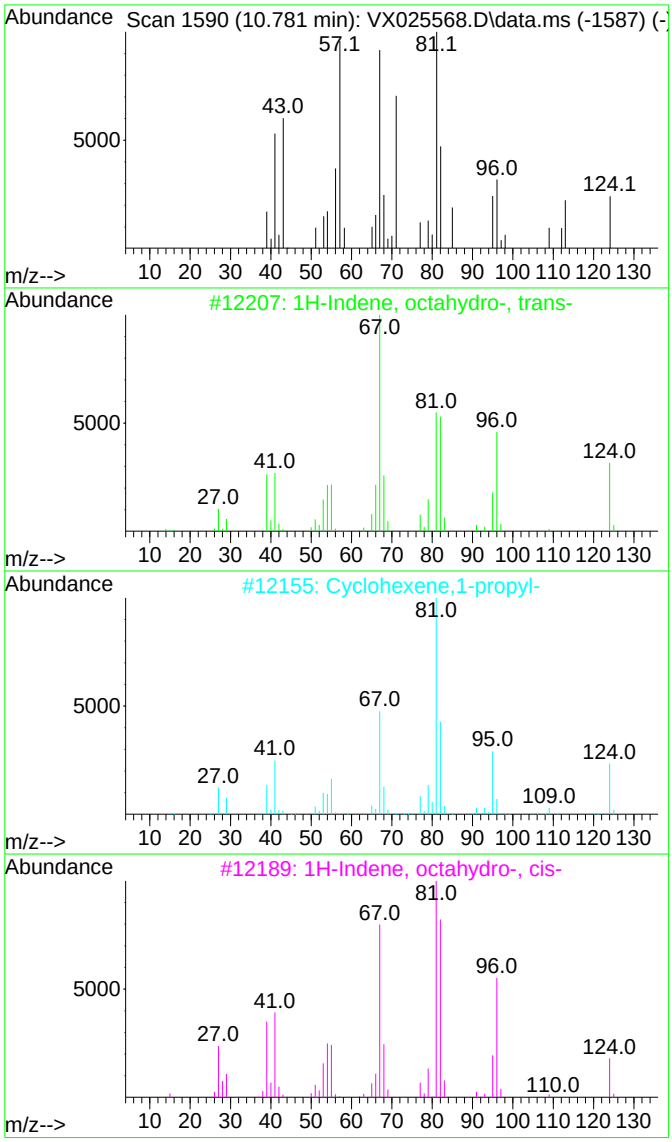
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

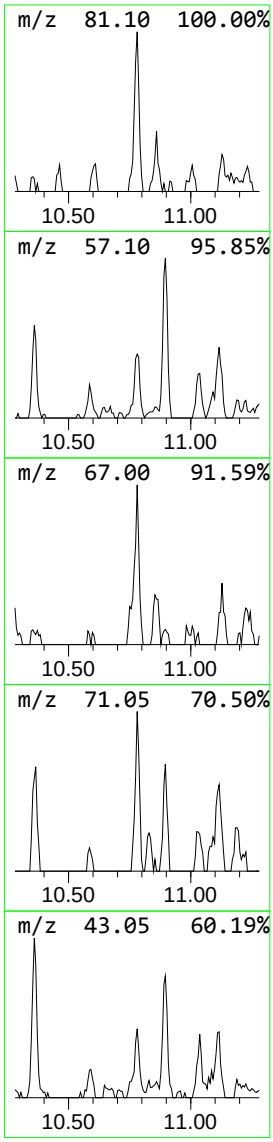
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, octahydro-, trans- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	2.81 ug/L	13291	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	86
2	Cyclohexene,1-propyl-	124	C9H16	002539-75-5	49
3	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	49
4	1H-Indene, octahydro-	124	C9H16	000496-10-6	46
5	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

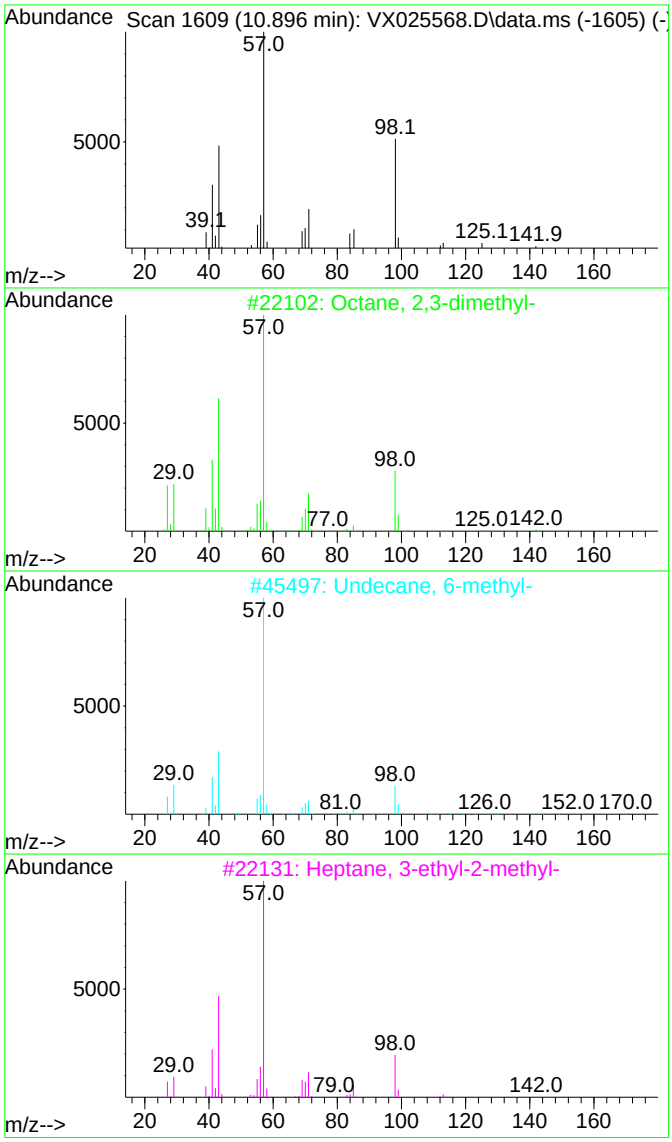
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

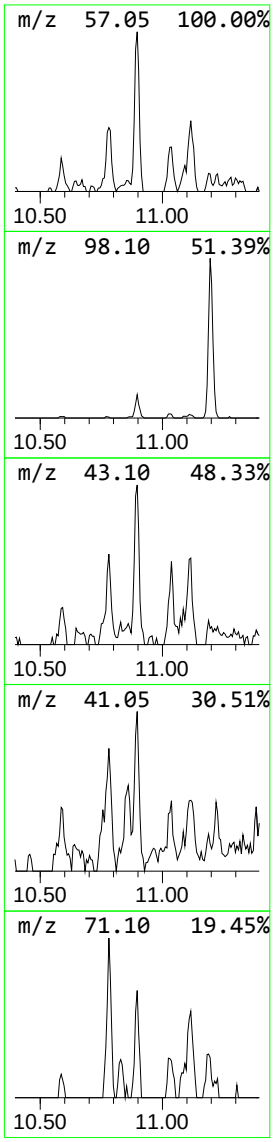
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.896	2.98 ug/L	14102	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	68
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

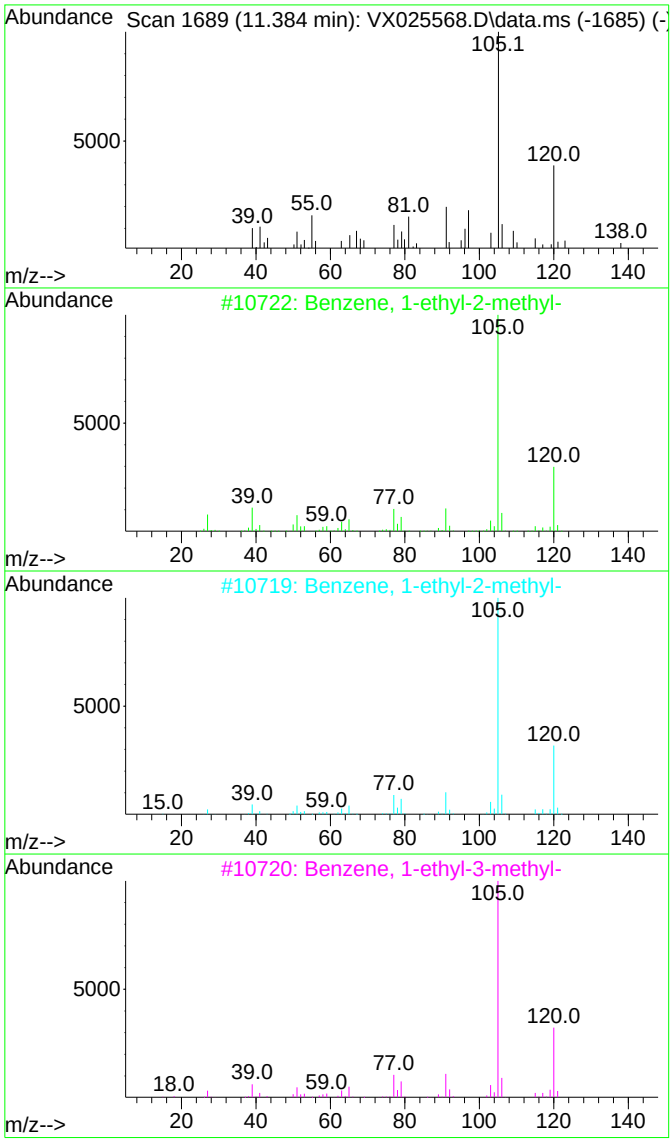
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

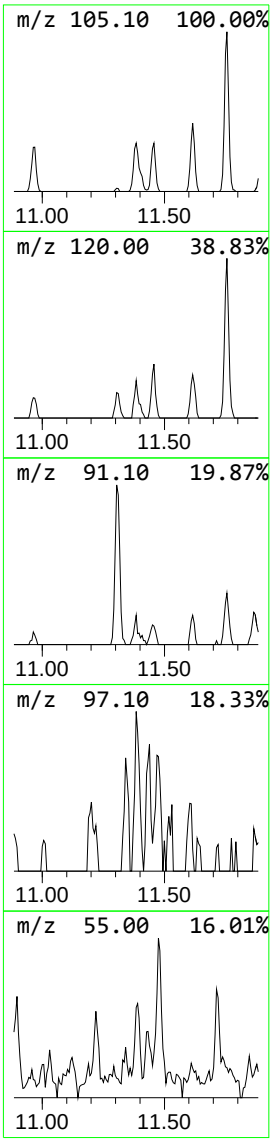
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	2.70 ug/L	13172	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	70
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

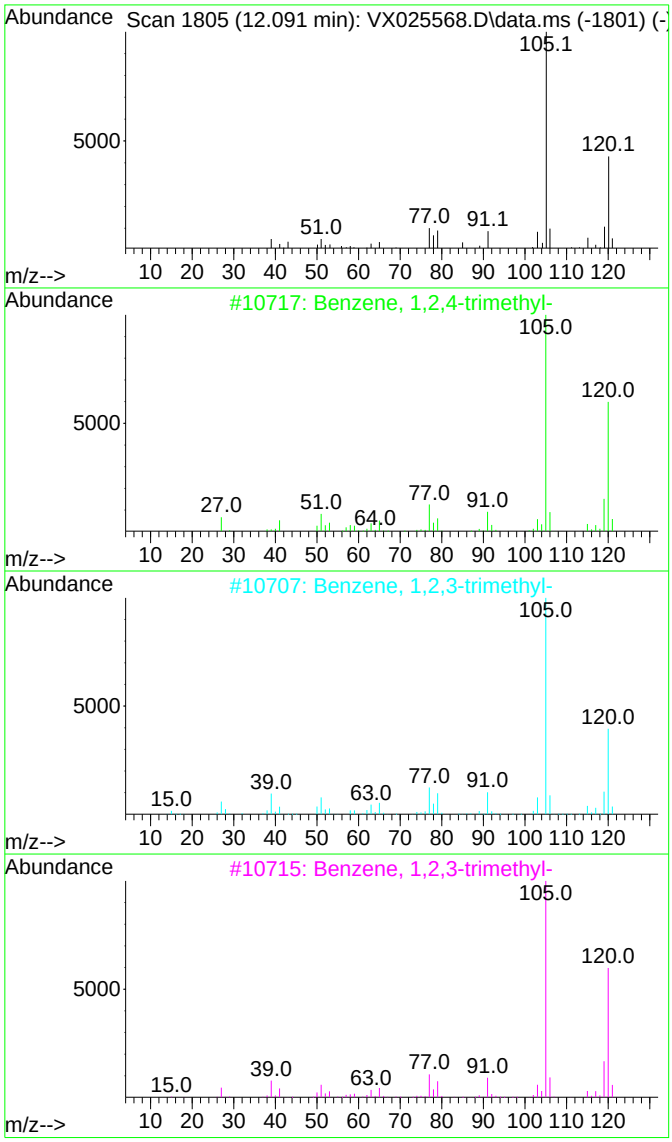
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

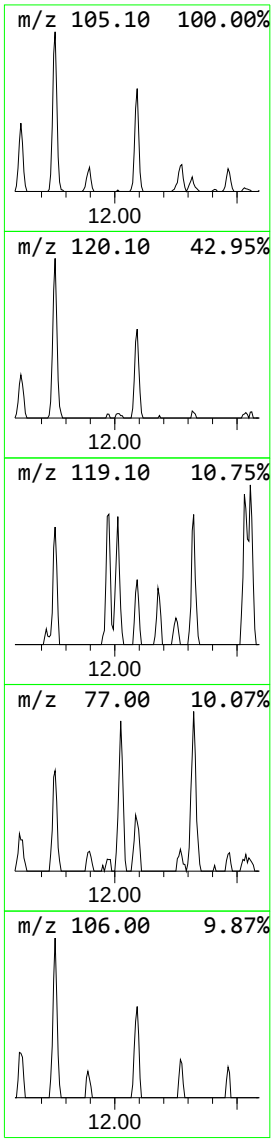
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	3.80 ug/L	18581	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

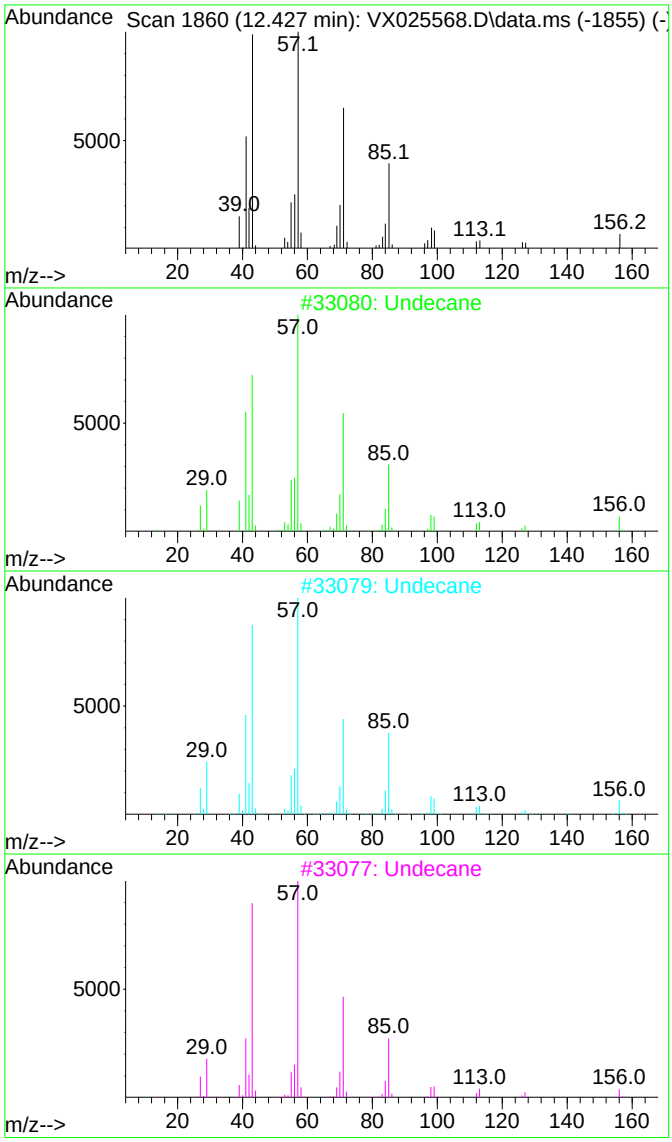
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

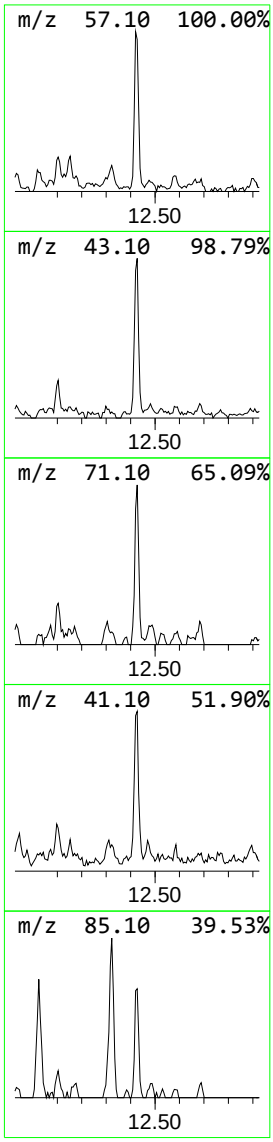
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	4.72 ug/L	23039	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	97
2	Undecane	156	C11H24	001120-21-4	95
3	Undecane	156	C11H24	001120-21-4	87
4	Undecane	156	C11H24	001120-21-4	87
5	Undecane	156	C11H24	001120-21-4	87





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Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

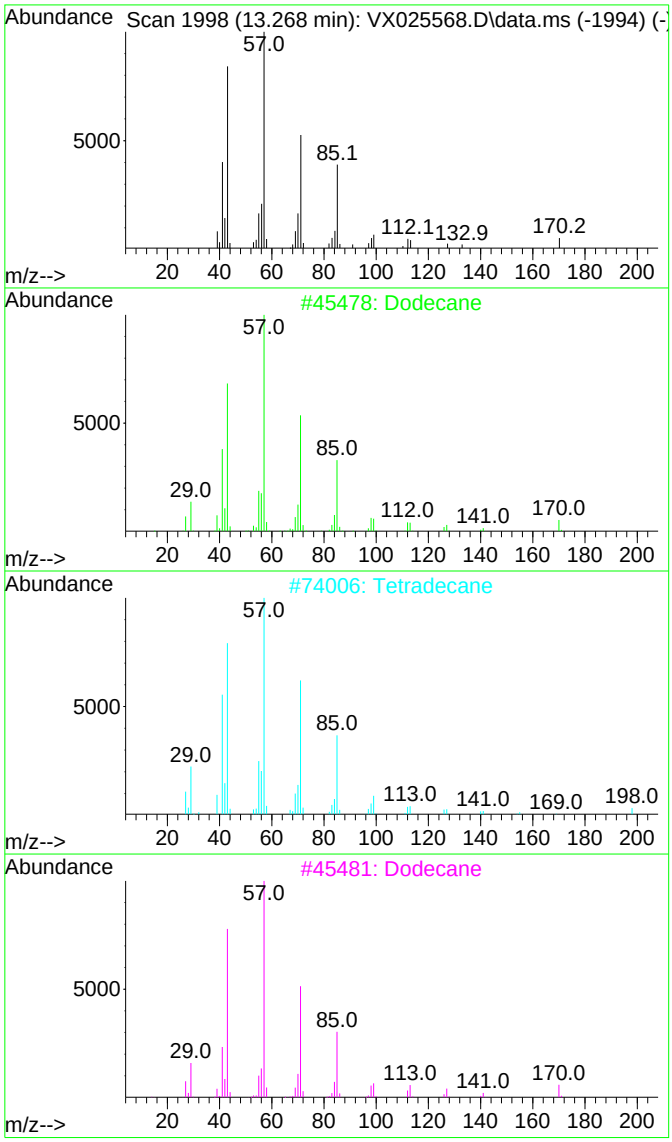
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

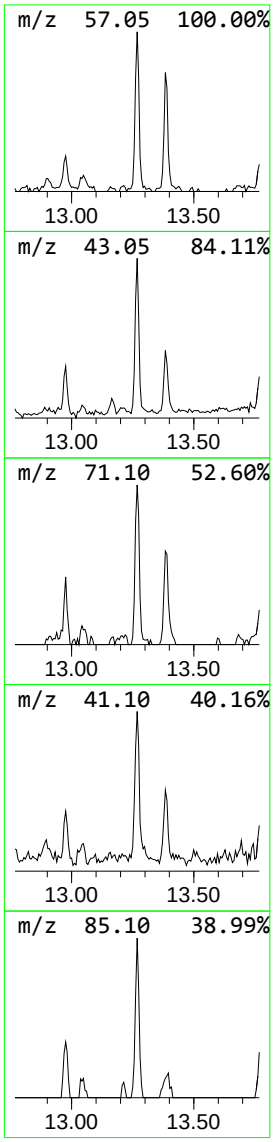
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	5.27 ug/L	25760	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Dodecane	170	C12H26	000112-40-3	87
4	Hexadecane	226	C16H34	000544-76-3	80
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

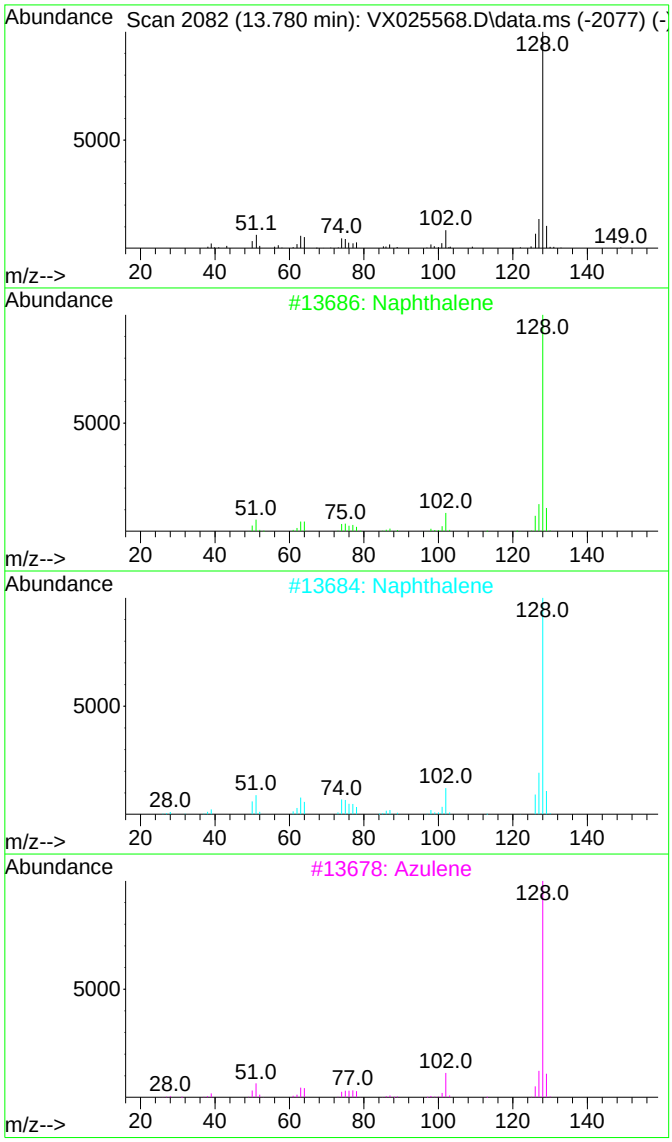
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

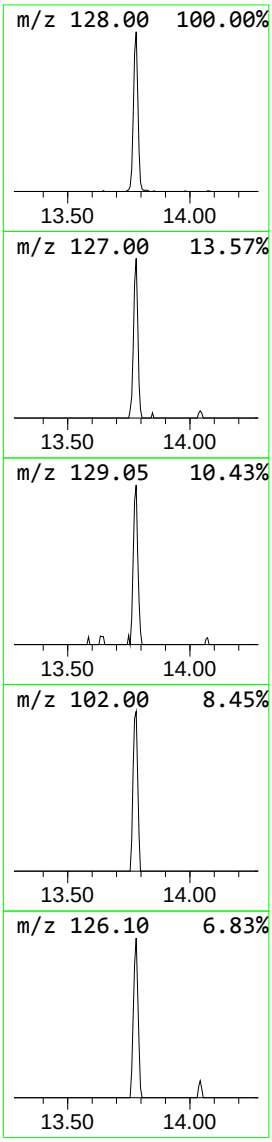
****

Peak Number 16 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	8.09 ug/L	39524	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	93
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

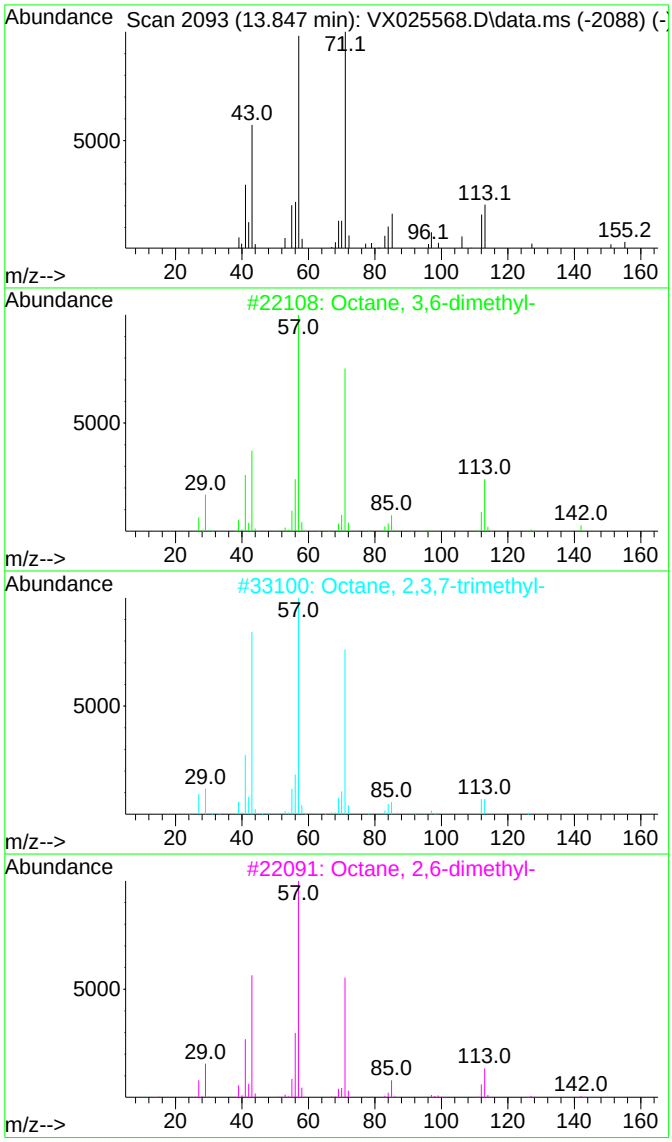
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

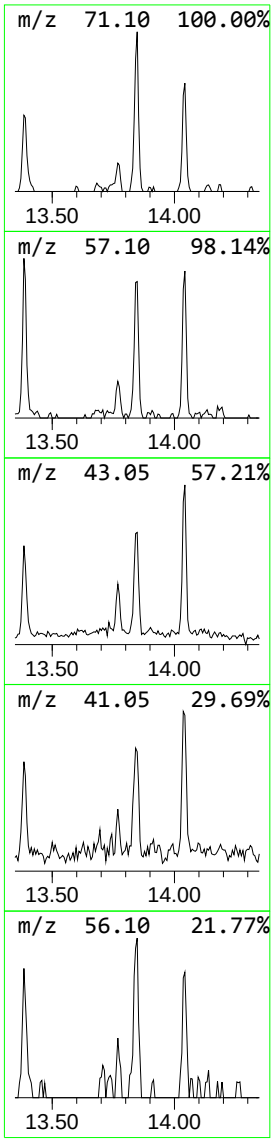
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.847	2.94 ug/L	14376	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	78
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

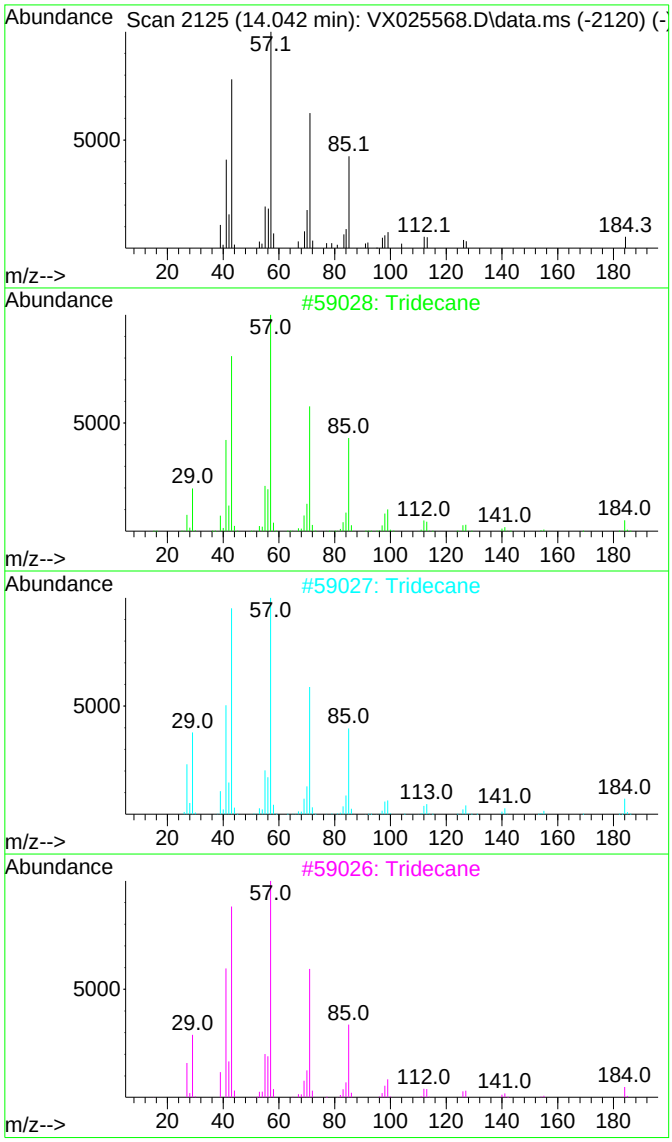
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

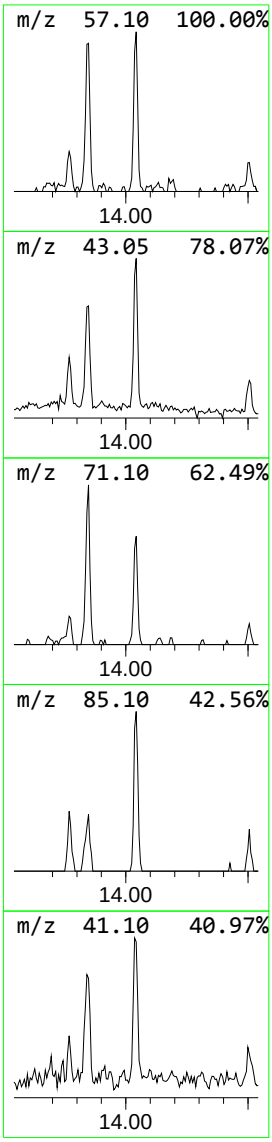
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.042	2.94 ug/L	14347	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	95
3	Tridecane	184	C13H28	000629-50-5	94
4	Dodecane	170	C12H26	000112-40-3	86
5	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

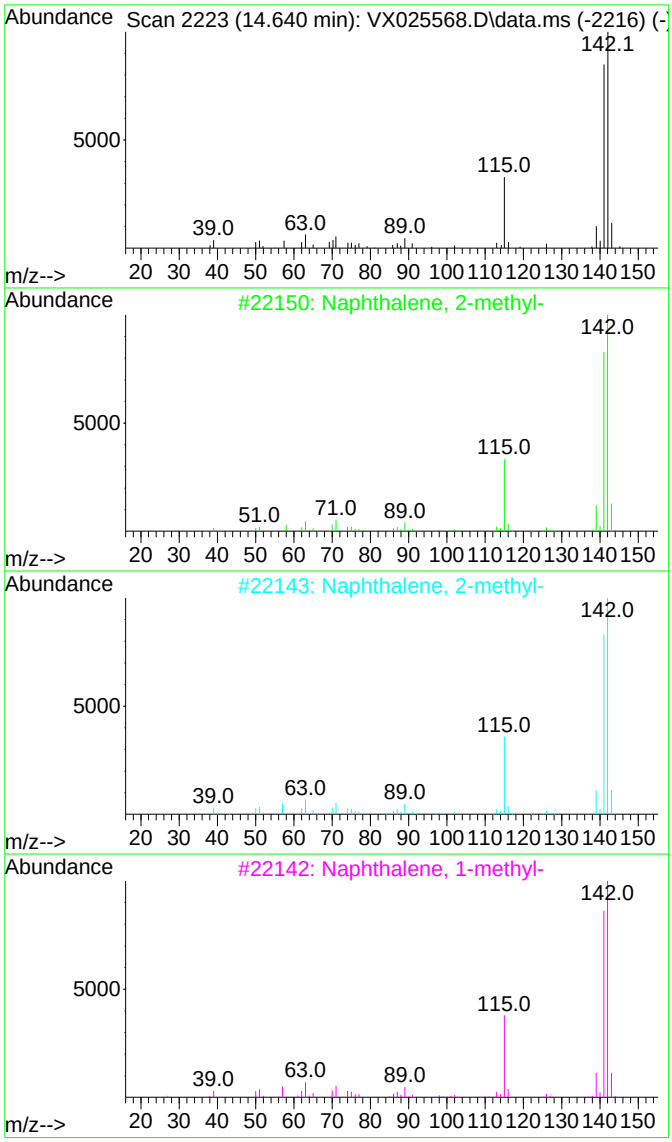
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

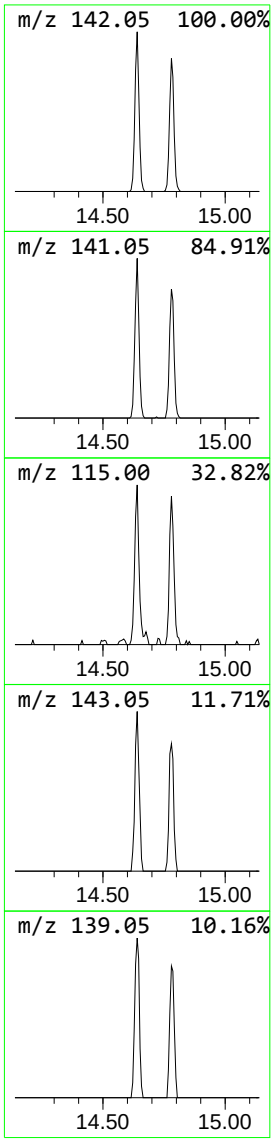
****

Peak Number 19 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.640	7.22 ug/L	35277	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

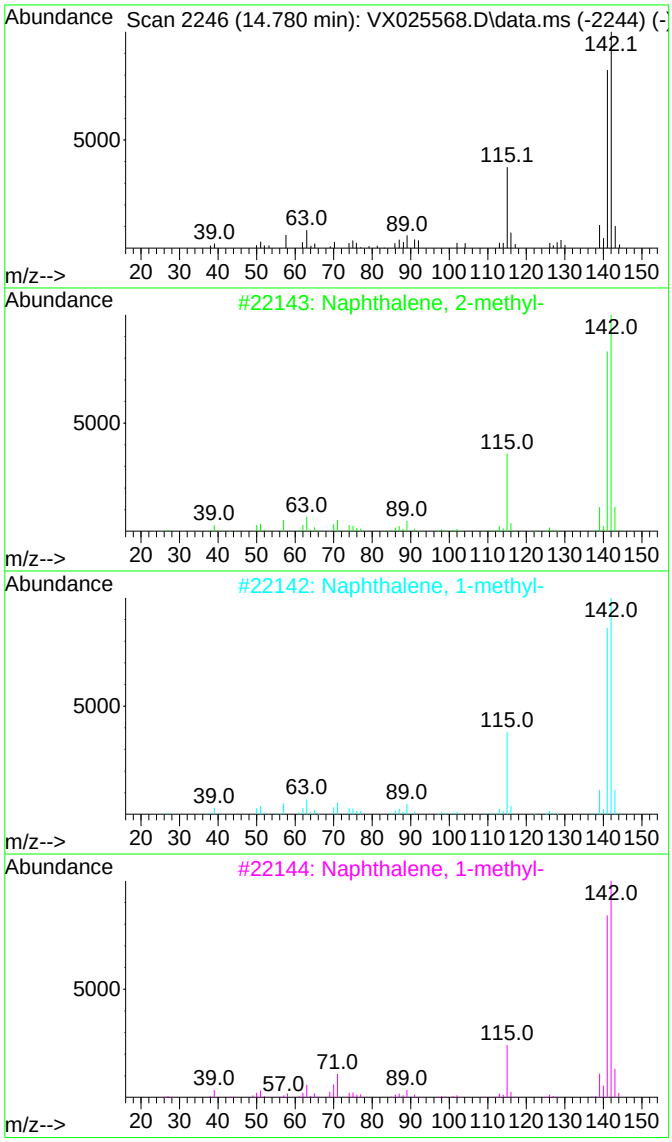
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

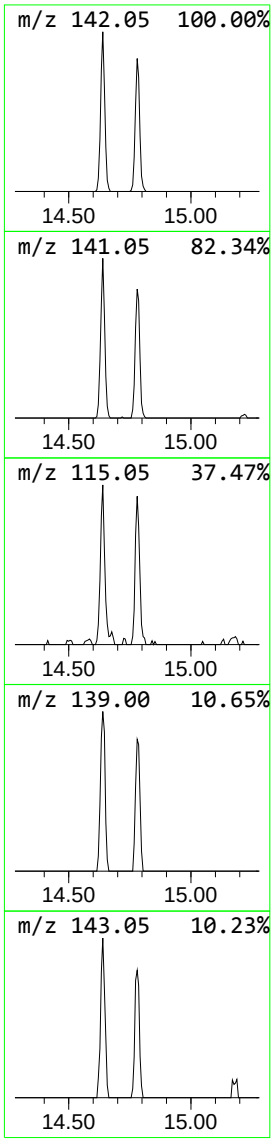
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	5.73 ug/L	27991	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
Data File : VX025568.D
Acq On : 07 Dec 2021 10:42
Operator : JC/MD
Sample : M4881-01ME
Misc : 5.50g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EW9D7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.709	2.7	ug/L	10741	1	6.763	201280	50.0
(DEL) Alkane: C...	4.282	3.8	ug/L	15424	1	6.763	201280	50.0
(DEL) Alkane: C...	6.354	4.9	ug/L	19725	1	6.763	201280	50.0
(DEL) Alkane: C...	9.561	2.5	ug/L	12031	2	10.055	236439	50.0
(DEL) Alkane: C...	9.616	4.9	ug/L	23029	2	10.055	236439	50.0
(DEL) Alkane: S...	9.817	2.9	ug/L	13512	2	10.055	236439	50.0
(DEL) Alkane: S...	10.360	3.1	ug/L	14904	2	10.055	236439	50.0
1H-Indene, octa...	10.781	2.8	ug/L	13291	2	10.055	236439	50.0
(DEL) Alkane: S...	10.896	3.0	ug/L	14102	2	10.055	236439	50.0
Benzene, 1-ethy...	11.384	2.7	ug/L	13172	3	12.024	244194	50.0
Benzene, 1,2,3-...	12.091	3.8	ug/L	18581	3	12.024	244194	50.0
(DEL) Alkane: S...	12.427	4.7	ug/L	23039	3	12.024	244194	50.0
(DEL) Alkane: S...	13.268	5.3	ug/L	25760	3	12.024	244194	50.0
Azulene	13.780	8.1	ug/L	39524	3	12.024	244194	50.0
(DEL) Alkane: S...	13.847	2.9	ug/L	14376	3	12.024	244194	50.0
(DEL) Alkane: S...	14.042	2.9	ug/L	14347	3	12.024	244194	50.0
Naphthalene, 2-...	14.640	7.2	ug/L	35277	3	12.024	244194	50.0
Naphthalene, 1-...	14.780	5.7	ug/L	27991	3	12.024	244194	50.0