LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

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\SFAMXLM122321WMA.M
Title : VOC Analysis

Signal : TIC: VX026092.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.270	26	30	41	rVV	128877	122085	0.56%	0.140%
2	1.361	41	45	46	rVV	354659	393897	1.82%	0.452%
3	1.373	46	47	53	rVV2	411830	357945	1.65%	0.411%
4	1.672	91	96	97	rBV	93393	106744	0.49%	0.122%
5	1.691	97	99	105	rVB	125137	143200	0.66%	0.164%
6	1.751	105	109	120	rVB	63474	88691	0.41%	0.102%
7	1.971	139	145	154	rVB3	63008	129975	0.60%	0.149%
8	2.221	181	186	194	rVB	176682	273377	1.26%	0.314%
9	2.318	194	202	209	rBV3	276248	631098	2.92%	0.724%
10	2.386	209	213	219	rVB	79403	121550	0.56%	0.139%
11	2.794	276	280	289	rVV2	64579	141299	0.65%	0.162%
12	2.873	289	293	304	rVV5	31336	92400	0.43%	0.106%
13	3.617	402	415	429	rBV	1266605	2996012	13.84%	3.436%
14	3.739	429	435	445	rVB	34539	85201	0.39%	0.098%
15	4.312	521	529	534	rBV2	34036	99534	0.46%	0.114%
16	4.495	543	559	585	rVB2	808680	2570889	11.88%	2.948%
17	5.062	641	652	664	rBV	122536	377911	1.75%	0.433%
18	5.202	664	675	690	rVB2	71315	233856	1.08%	0.268%
19	5.391	693	706	717	rBV	1118052	3480264	16.08%	3.991%
20	5.976	789	802	807	rBV2	298169	886779	4.10%	1.017%
21	6.043	807	813	829	rVB	417069	1103325	5.10%	1.265%
22	6.202	829	839	855	rVB	41790	146667	0.68%	0.168%
23	6.360	855	865	879	rVB6	29746	116257	0.54%	0.133%
24	6.769	923	932	940	rBV	216800	548413	2.53%	0.629%
25	7.129	984	991	997	rBV2	222334	515875	2.38%	0.592%
26	7.311	1013	1021	1028	rBV	196722	432369	2.00%	0.496%
27	7.385	1028	1033	1040	rVV2	50665	107908	0.50%	0.124%
28	7.799	1092	1101	1109	rBV	996233	1714767	7.92%	1.967%
29	8.147	1152	1158	1163	rVB	60012	94616	0.44%	0.109%
30	8.330	1181	1188	1200	rVB	146970	260313	1.20%	0.299%
31	8.506	1210	1217	1220	rBV2	71534	118378	0.55%	0.136%
32	8.580	1220	1229	1235	rVB2	536366	1123862	5.19%	1.289%
33	8.653	1235	1241	1246	rBV	453711	716591	3.31%	0.822%
34	8.726	1246	1253	1260	rBV	13780626	21643544	100.00%	24.822%
35	8.951	1283	1290	1296	rBV2	108879	158627	0.73%	0.182%
36	9.012	1296	1300	1307	rVB	106483	166468	0.77%	0.191%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
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Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

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\SFAMXLM122321WMA.M
Title : VOC Analysis

37	9.098	1308	1314	1321	rBV	82292	145597	0.67%	0.167%
38	9.274	1340	1343	1347	rVB	95474	115660	0.53%	0.133%
39	9.342	1351	1354	1357	rBV	112600	135899	0.63%	0.156%
40	9.384	1357	1361	1366	rVB	464142	606310	2.80%	0.695%
41	9.433	1366	1369	1373	rBV2	72859	102040	0.47%	0.117%
42	9.482	1373	1377	1384	rVB	1913565	2577866	11.91%	2.956%
43	9.579	1389	1393	1403	rVB	124594	199503	0.92%	0.229%
44	9.915	1443	1448	1458	rBV	1113702	1391886	6.43%	1.596%
45	10.055	1459	1471	1475	rBV	470908	807203	3.73%	0.926%
46	10.091	1475	1477	1483	rVB2	141185	191650	0.89%	0.220%
47	10.195	1489	1494	1500	rBV	1760121	2282215	10.54%	2.617%
48	10.305	1504	1512	1519	rVB	5243124	7152874	33.05%	8.203%
49	10.402	1519	1528	1531	rBV2	171283	314809	1.45%	0.361%
50	10.439	1531	1534	1541	rVB	354553	522139	2.41%	0.599%
51	10.646	1563	1568	1572	rBV	3117996	4074781	18.83%	4.673%
52	10.768	1581	1588	1597	rBV2	644376	1043292	4.82%	1.196%
53	10.902	1605	1610	1615	rVB3	152663	263196	1.22%	0.302%
54	10.963	1615	1620	1625	rVB	172995	233830	1.08%	0.268%
55	11.085	1634	1640	1644	rBV5	70342	138596	0.64%	0.159%
56	11.189	1649	1657	1662	rVB2	404391	848086	3.92%	0.973%
57	11.274	1667	1671	1673	rBV	199825	246590	1.14%	0.283%
58	11.305	1673	1676	1680	rVB	267148	319852	1.48%	0.367%
59	11.378	1681	1688	1695	rVB	982384	1770943	8.18%	2.031%
60	11.451	1695	1700	1712	rVB	601215	861990	3.98%	0.989%
61	11.573	1712	1720	1723	rBV3	75105	125193	0.58%	0.144%
62	11.616	1723	1727	1735	rVB	587260	799682	3.69%	0.917%
63	11.701	1736	1741	1745	rBV4	64080	100267	0.46%	0.115%
64	11.756	1745	1750	1754	rBV	2089045	2542196	11.75%	2.916%
65	11.798	1754	1757	1760	rBV	196247	207335	0.96%	0.238%
66	11.841	1760	1764	1767	rBV	89588	101405	0.47%	0.116%
67	11.890	1767	1772	1776	rVB4	139040	240230	1.11%	0.276%
68	11.969	1779	1785	1789	rBV2	753213	909825	4.20%	1.043%
69	12.024	1789	1794	1800	rVB2	561909	813238	3.76%	0.933%
70	12.091	1800	1805	1811	rBV	1083974	1492371	6.90%	1.712%
71	12.152	1811	1815	1822	rVB2	166373	232279	1.07%	0.266%
72	12.243	1822	1830	1833	rBV4	604767	996070	4.60%	1.142%
73	12.323	1838	1843	1851	rVB3	798343	1223048	5.65%	1.403%
74	12.414	1854	1858	1862	rVV3	61530	87289	0.40%	0.100%
75	12.463	1862	1866	1871	rVB	123705	178967	0.83%	0.205%
76	12.530	1871	1877	1879	rBV2	166915	235803	1.09%	0.270%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

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\SFAMXLM122321WMA.M
Title : VOC Analysis

77	12.554	1879	1881	1886	rVV	127913	153921	0.71%	0.177%
78	12.615	1887	1891	1894	rVV	217937	249884	1.15%	0.287%
79	12.701	1898	1905	1912	rVV2	551675	865774	4.00%	0.993%
80	12.762	1912	1915	1918	rVV2	120098	181948	0.84%	0.209%
81	12.798	1918	1921	1924	rVV	189402	219908	1.02%	0.252%
82	12.847	1924	1929	1935	rVB3	114089	177237	0.82%	0.203%
83	12.908	1935	1939	1945	rBV2	313758	538190	2.49%	0.617%
84	12.963	1945	1948	1953	rVV	291137	362439	1.67%	0.416%
85	13.018	1953	1957	1961	rVB2	70148	86688	0.40%	0.099%
86	13.170	1978	1982	1985	rVB	139796	155398	0.72%	0.178%
87	13.292	1992	2002	2009	rBV2	526851	864087	3.99%	0.991%
88	13.426	2016	2024	2026	rBV3	159810	294518	1.36%	0.338%
89	13.579	2046	2049	2056	rVB4	89682	159006	0.73%	0.182%
90	13.664	2057	2063	2070	rVB3	92393	190478	0.88%	0.218%
91	13.780	2074	2082	2086	rBV	1038522	1493167	6.90%	1.712%
92	13.859	2091	2095	2101	rBV3	103543	180414	0.83%	0.207%
93	13.926	2102	2106	2111	rVB2	128534	172644	0.80%	0.198%
94	14.219	2149	2154	2158	rBV3	74106	139587	0.64%	0.160%
95	14.639	2219	2223	2233	rVB	624678	795674	3.68%	0.913%
96	14.780	2242	2246	2252	rBV	449331	568236	2.63%	0.652%
97	15.481	2356	2361	2365	rBV	57629	91303	0.42%	0.105%
98	15.615	2376	2383	2386	rBV	94874	148653	0.69%	0.170%
99	15.651	2386	2389	2396	rVB2	55588	87840	0.41%	0.101%
100	15.840	2409	2420	2432	rVB2	29505	85882	0.40%	0.098%

Sum of corrected areas: 87195568

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
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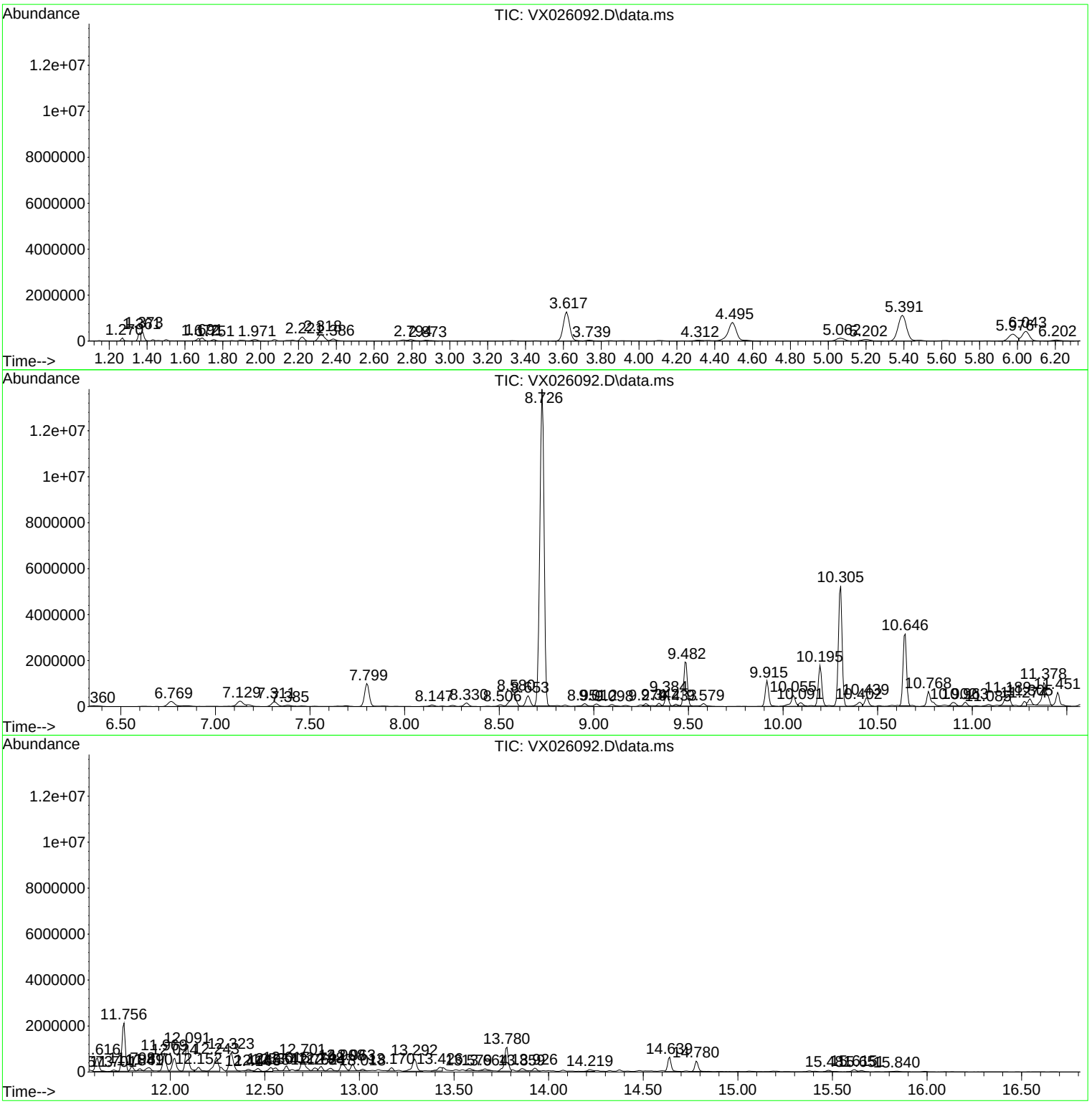
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

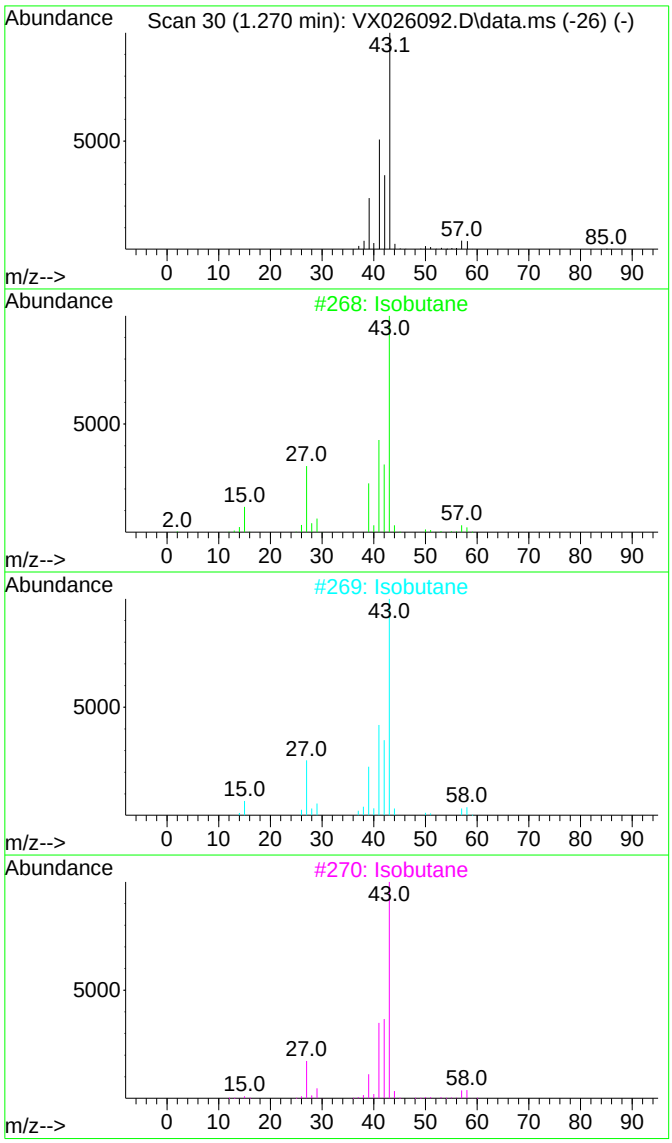
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

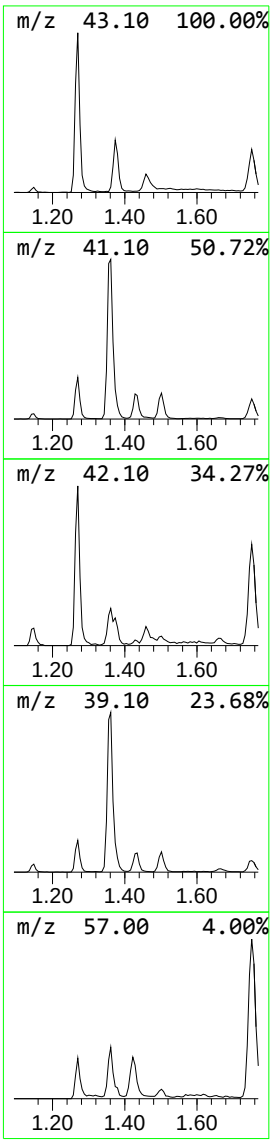
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.270	11.13 ug/L	122085	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	59
3	Isobutane	58	C4H10	000075-28-5	59
4	Isobutane	58	C4H10	000075-28-5	53
5	Isobutane	58	C4H10	000075-28-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

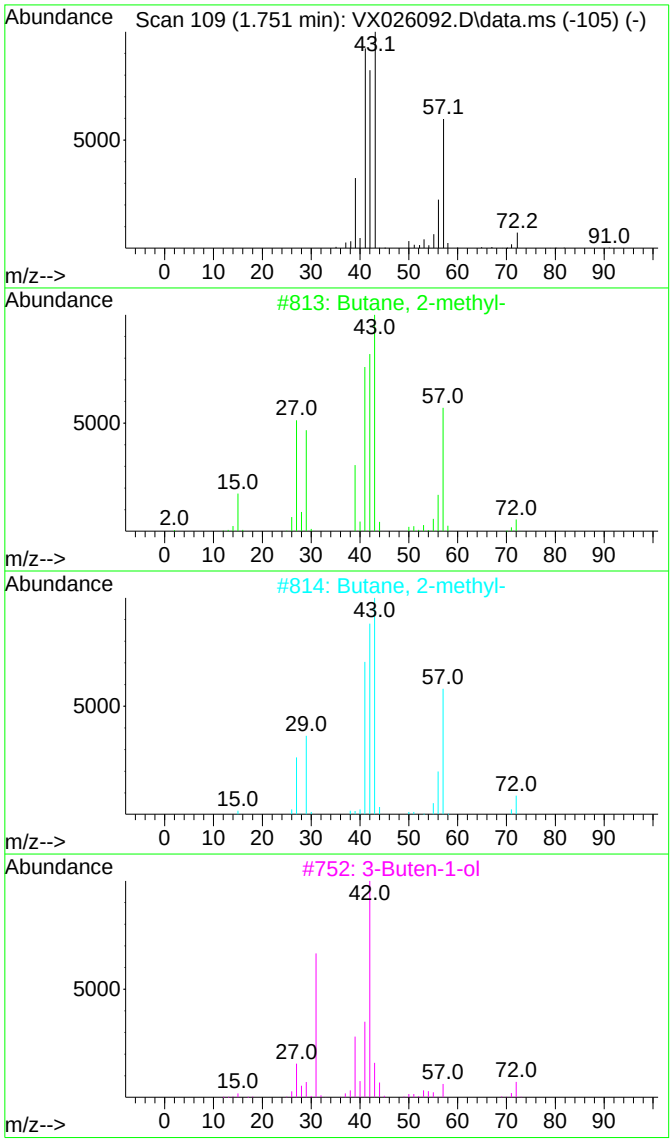
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

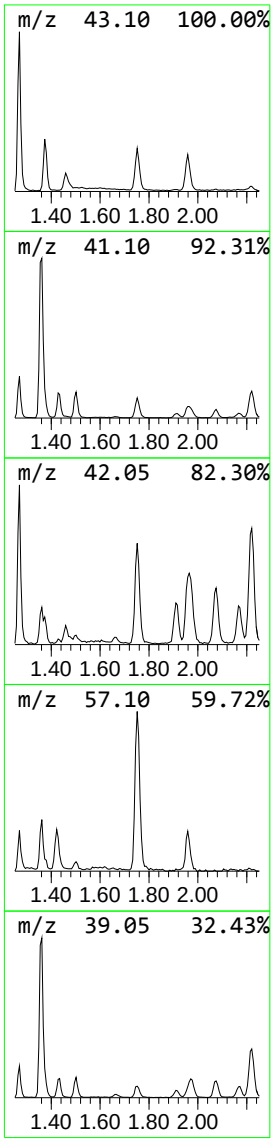
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.751	8.09 ug/L	88691	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	Butane, 2-methyl-	72	C5H12	000078-78-4	80
3	3-Buten-1-ol	72	C4H8O	000627-27-0	47
4	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	33
5	1-Butene	56	C4H8	000106-98-9	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

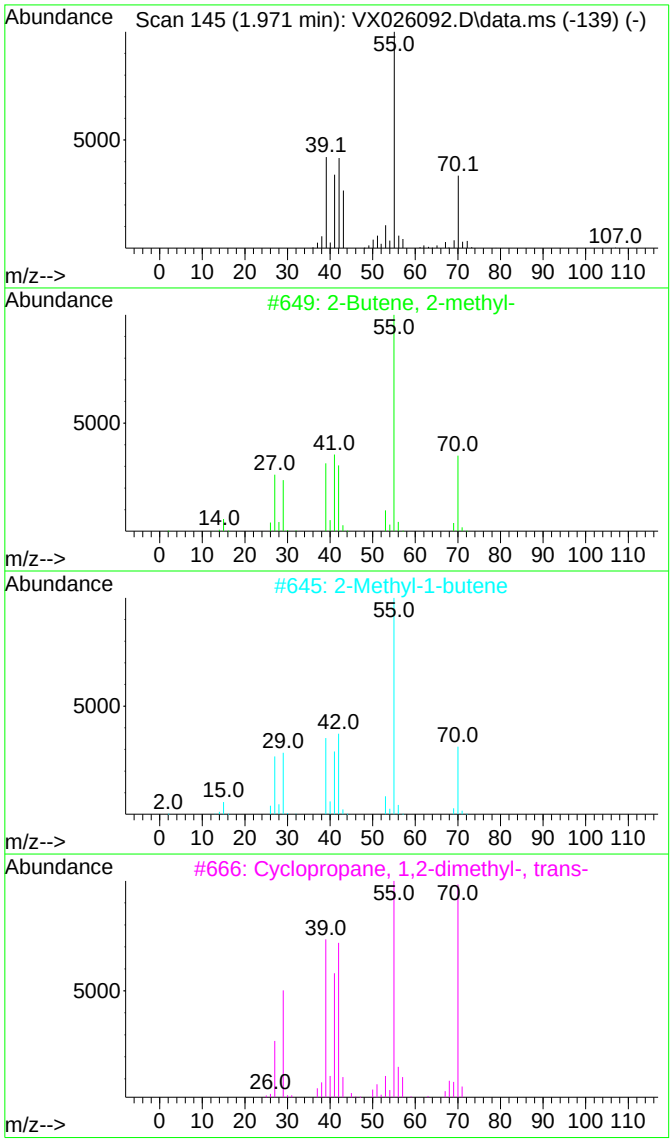
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

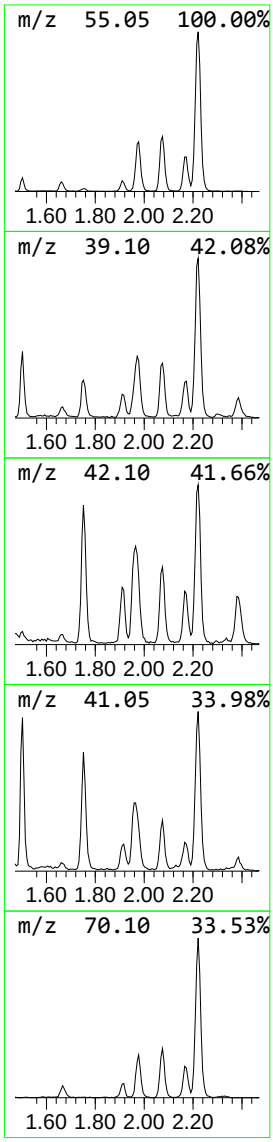
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.971	11.85 ug/L	129975	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
2	2-Methyl-1-butene	70	C5H10	000563-46-2	86
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	70
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

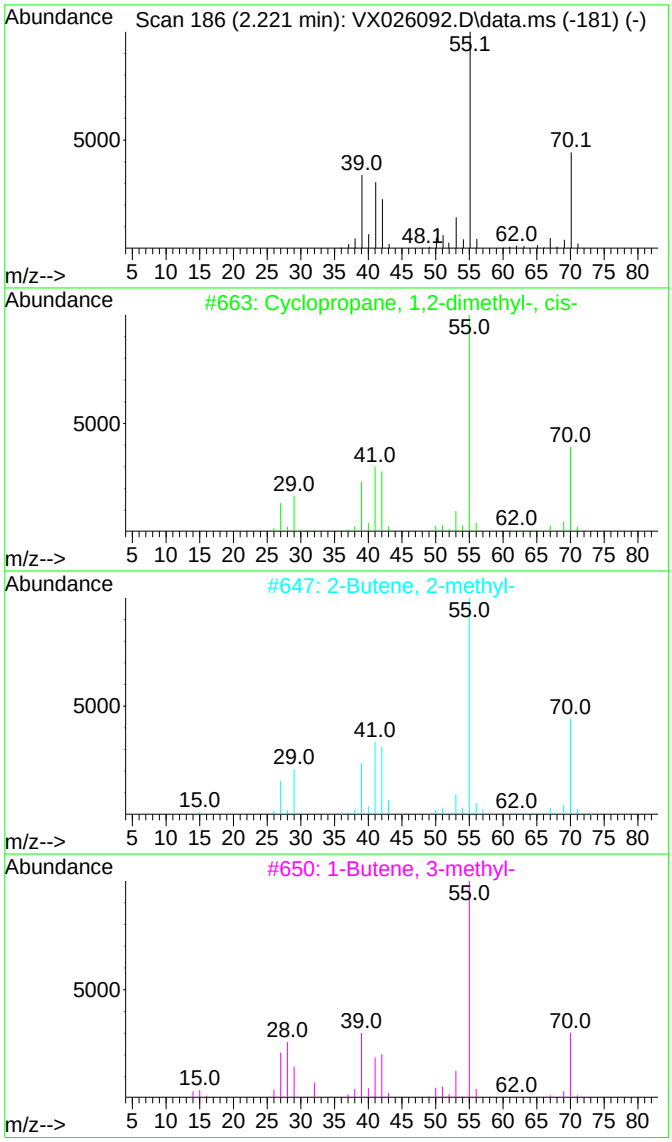
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

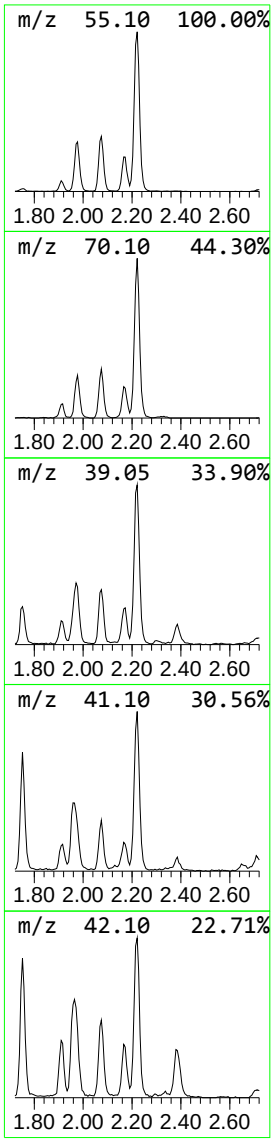
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic2.221 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.221	24.92 ug/L	273377	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

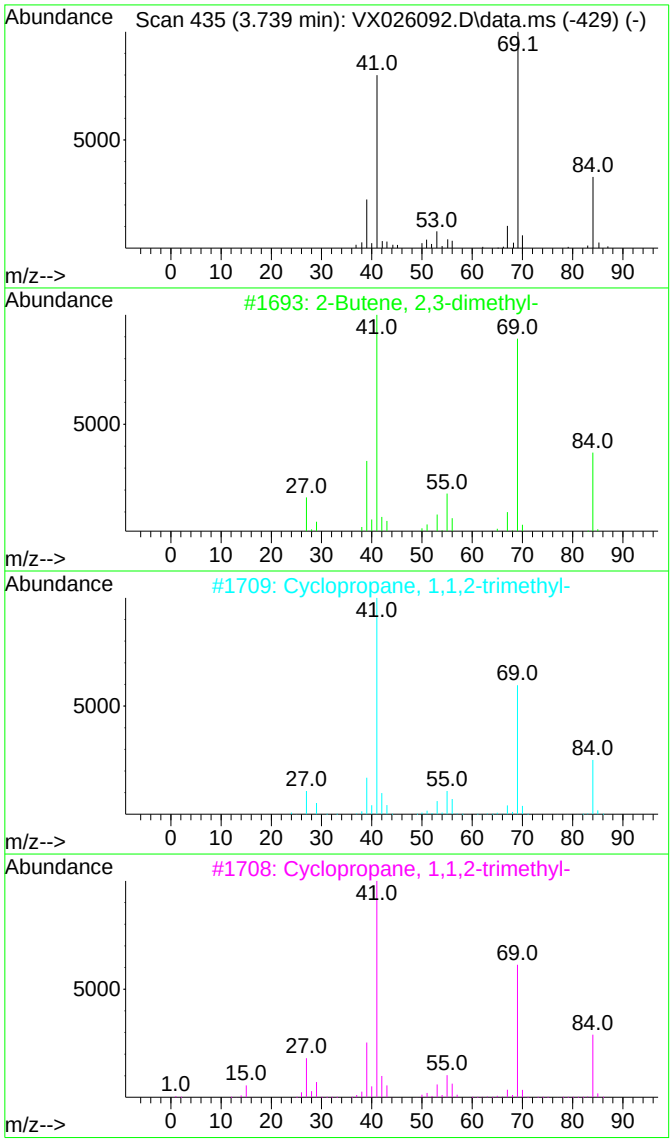
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

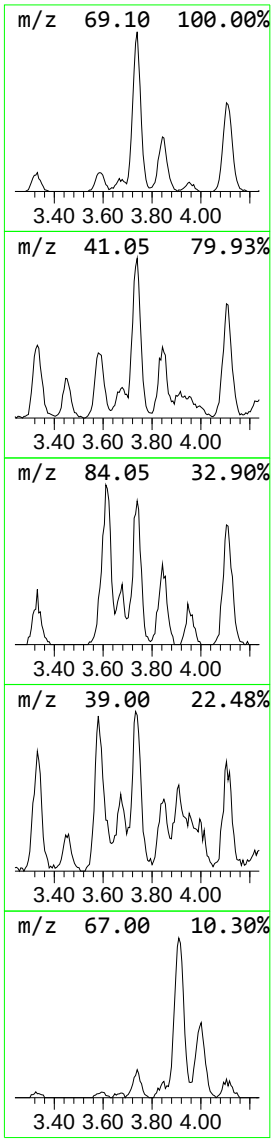
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.739	7.77 ug/L	85201	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
2	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
3	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
4	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86
5	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

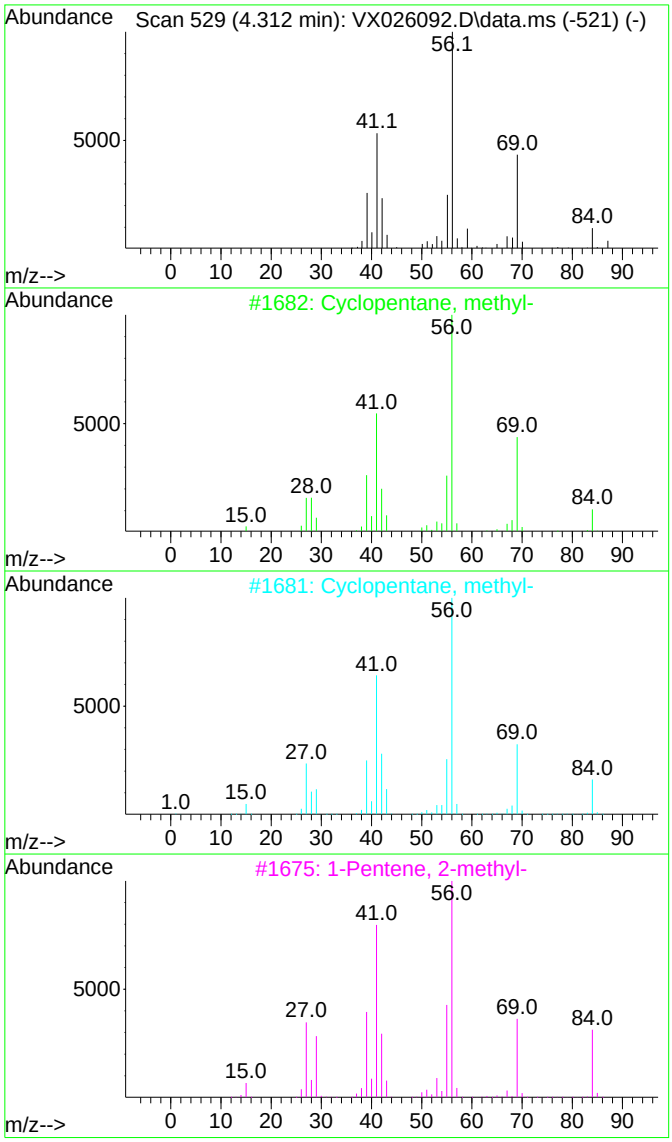
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

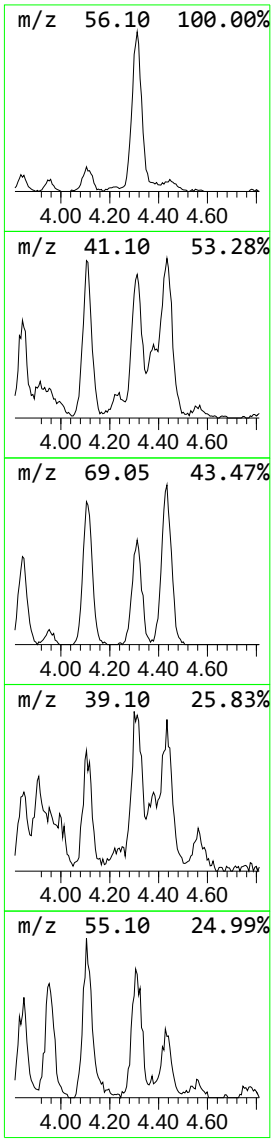
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic4.312 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.312	9.07 ug/L	99534	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	64





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Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

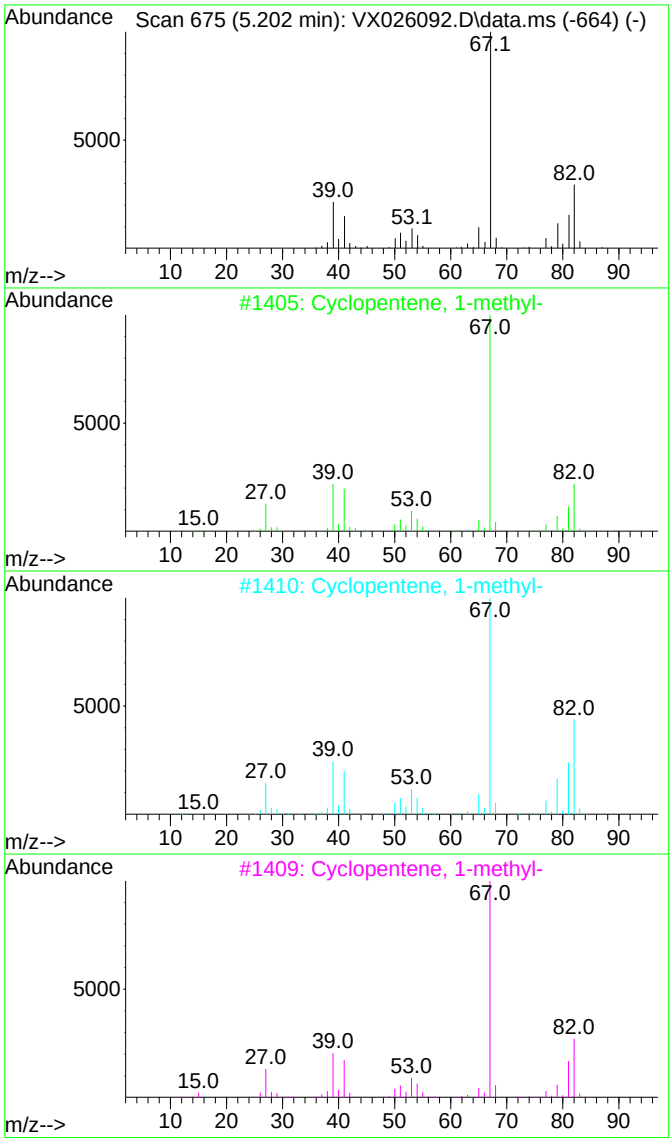
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

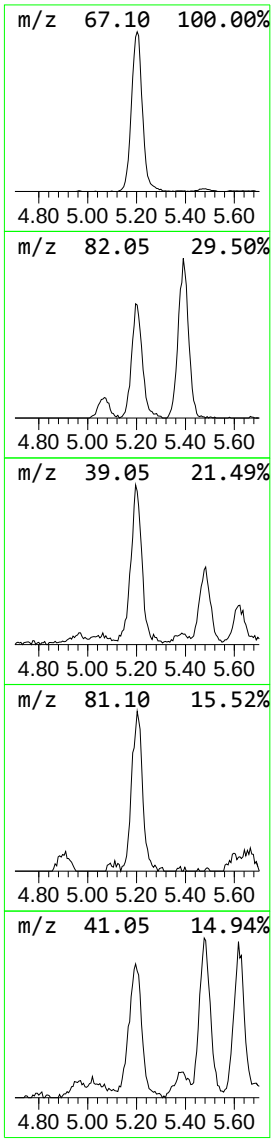
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentene, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.202	21.32 ug/L	233856	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
4	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	87
5	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	86





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Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

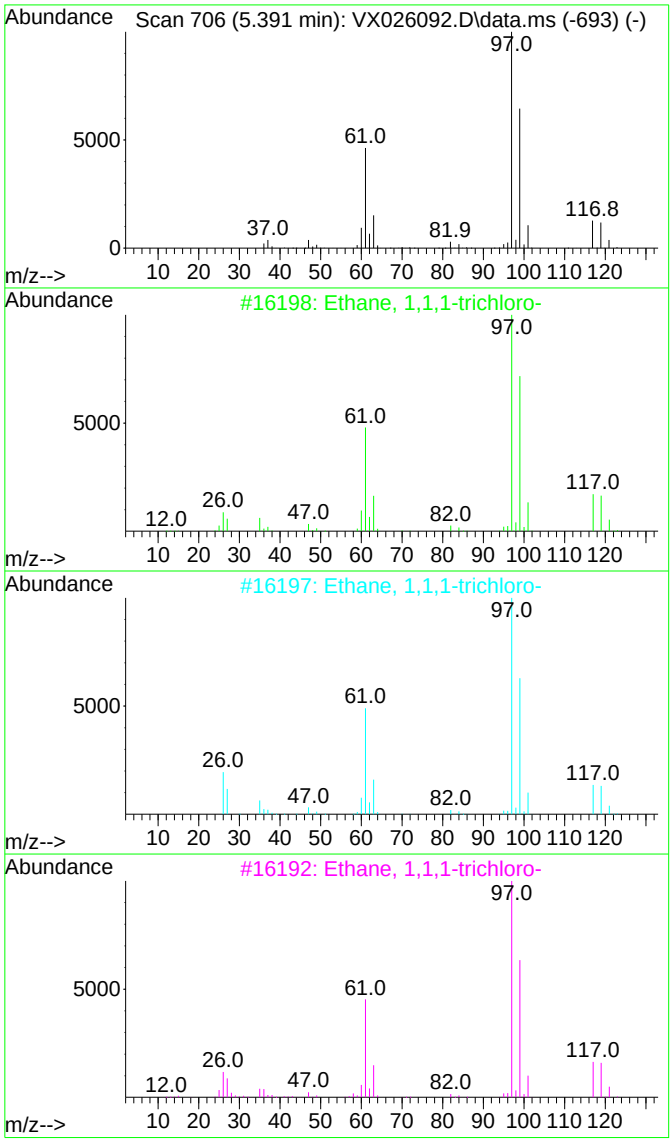
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

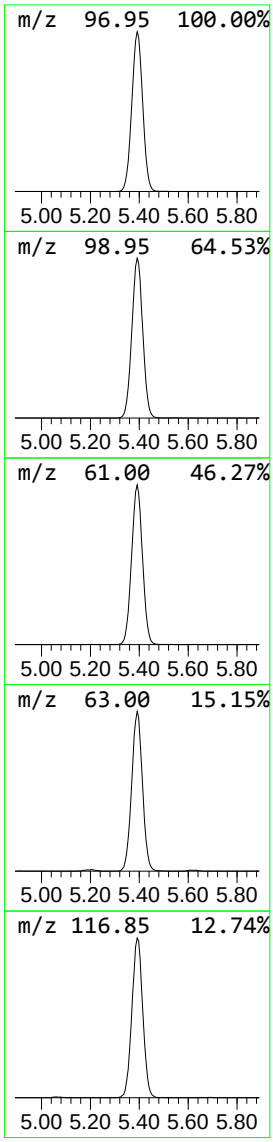
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Ethane, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.391	317.30 ug/L	3480260	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	91
2	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	91
3	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	90
4	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	86
5	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

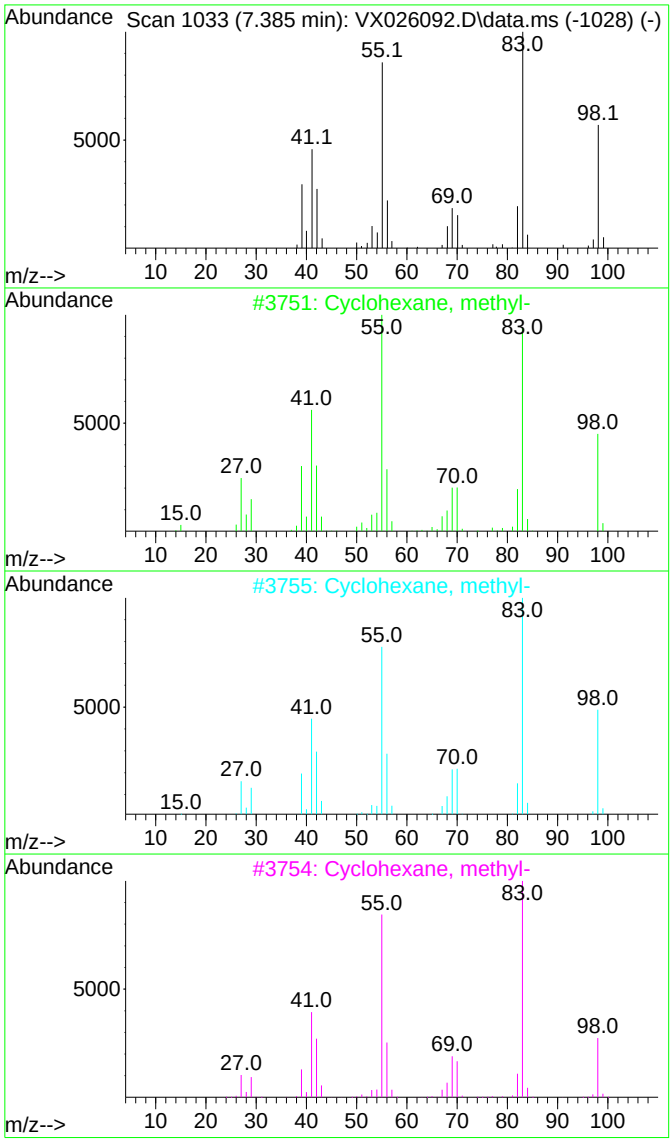
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

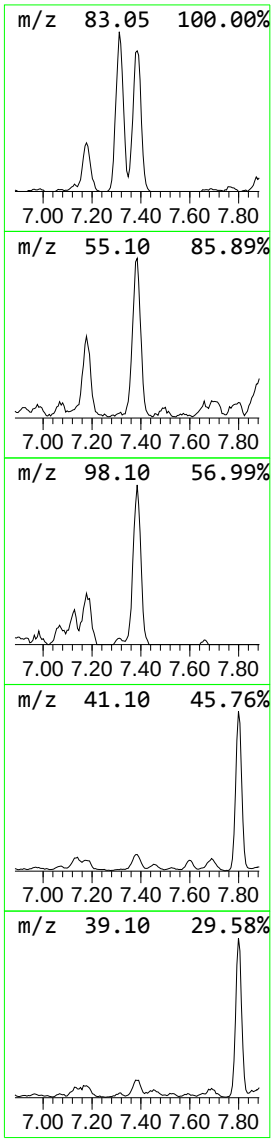
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic7.385 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.385	9.84 ug/L	107908	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	83
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	72
4	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	59
5	1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

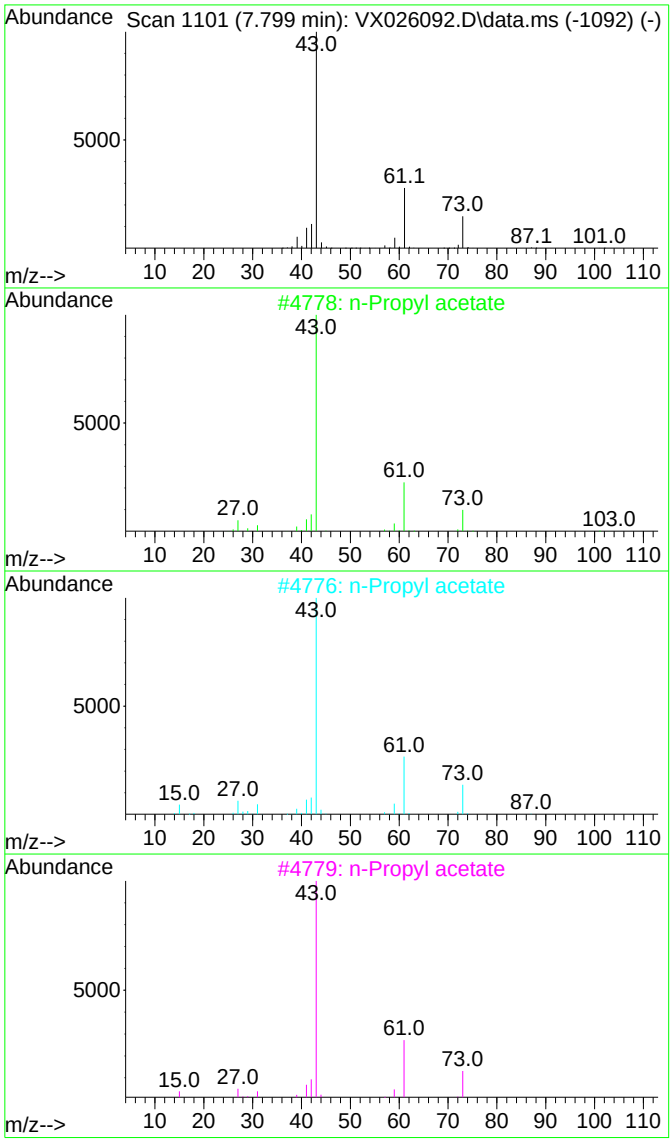
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

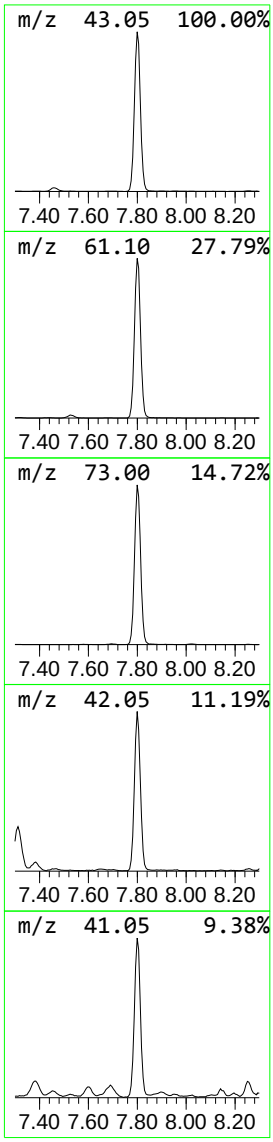
****

Peak Number 15 n-Propyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.799	156.34 ug/L	1714770	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	78
4	n-Propyl acetate	102	C5H10O2	000109-60-4	78
5	n-Propyl acetate	102	C5H10O2	000109-60-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
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Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

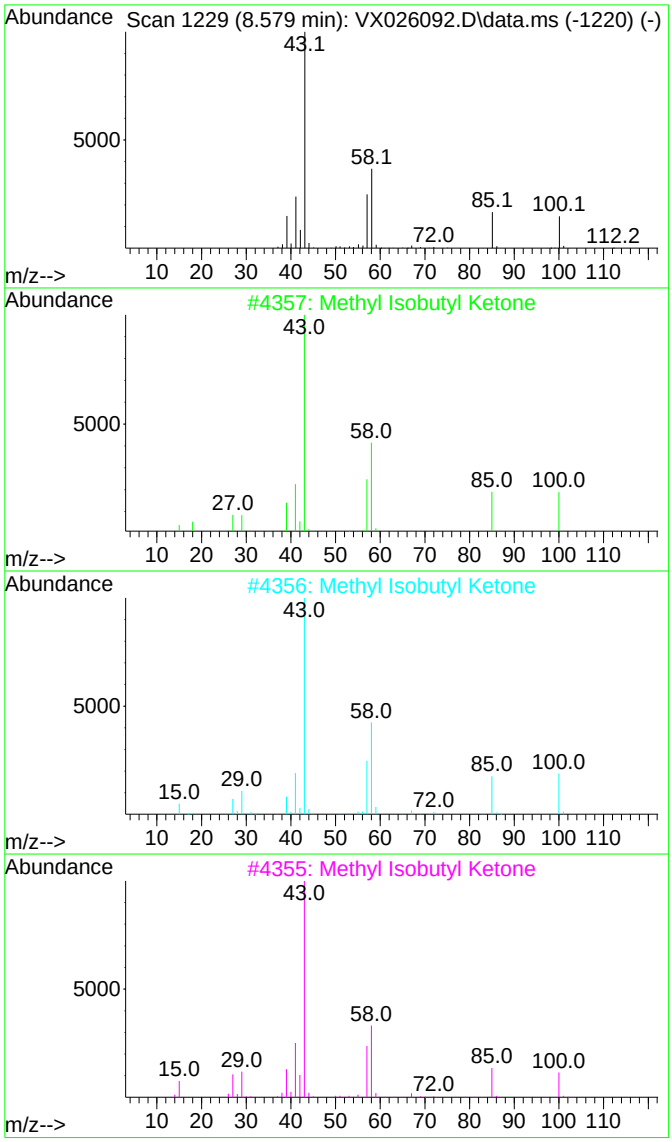
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

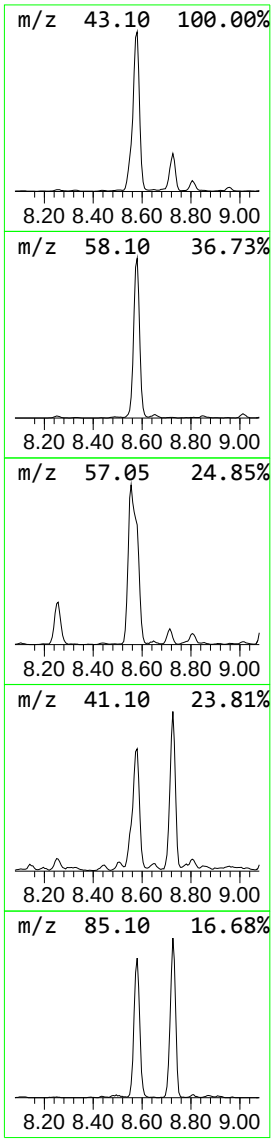
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Methyl Isobutyl Ketone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.579	69.61 ug/L	1123860	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	91
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
5	2-Hexanone	100	C6H12O	000591-78-6	50





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Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

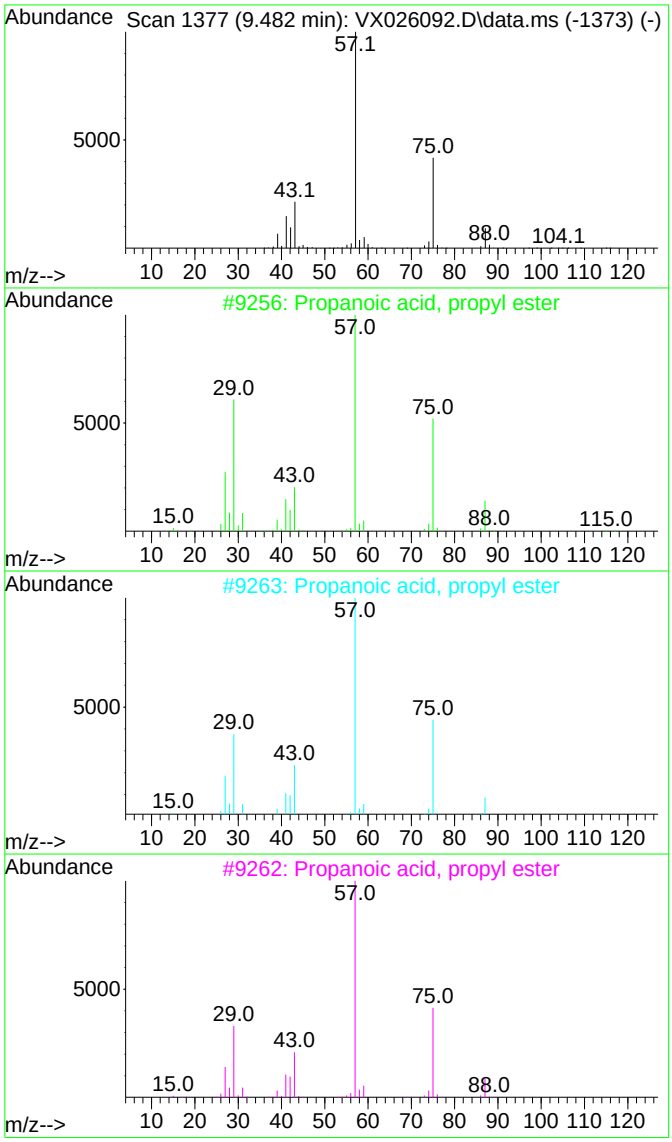
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

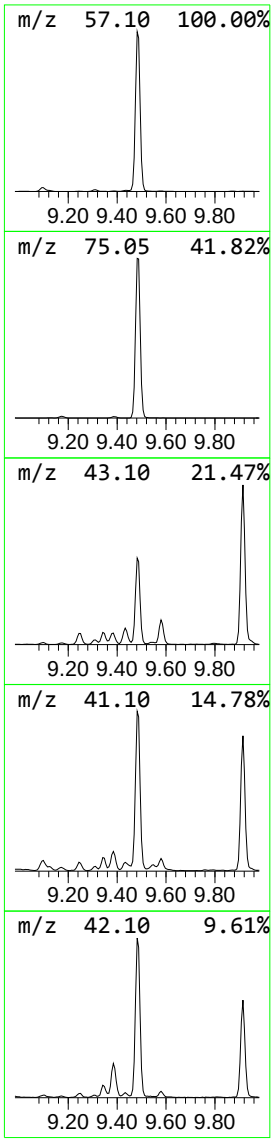
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Propanoic acid, propyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.482	159.68 ug/L	2577870	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64





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Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

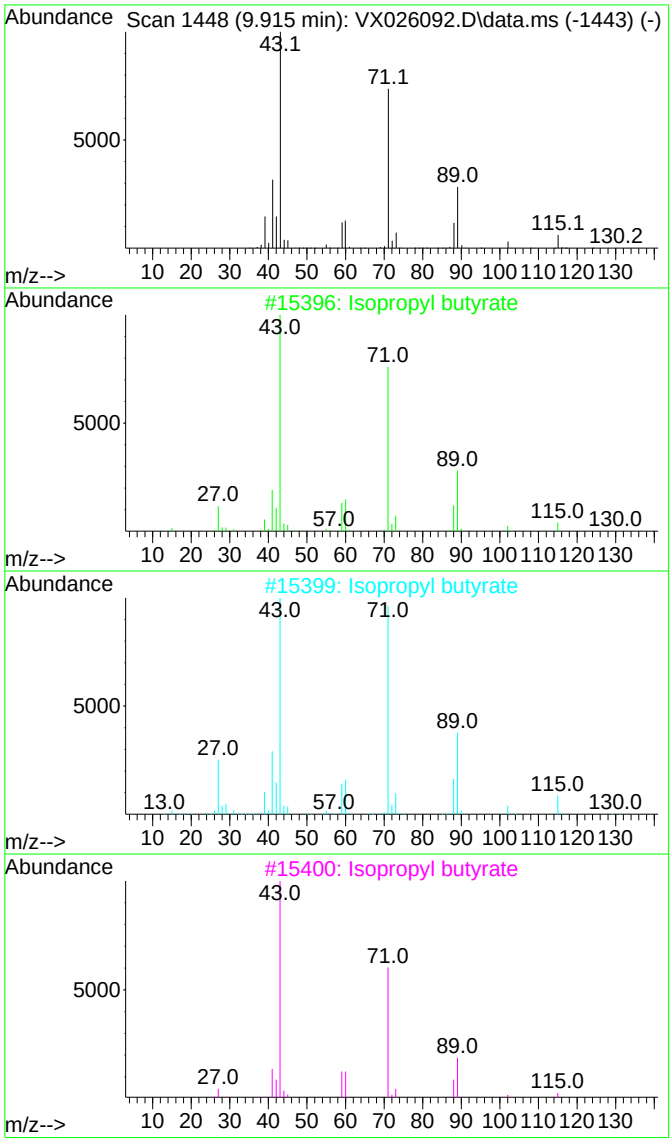
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

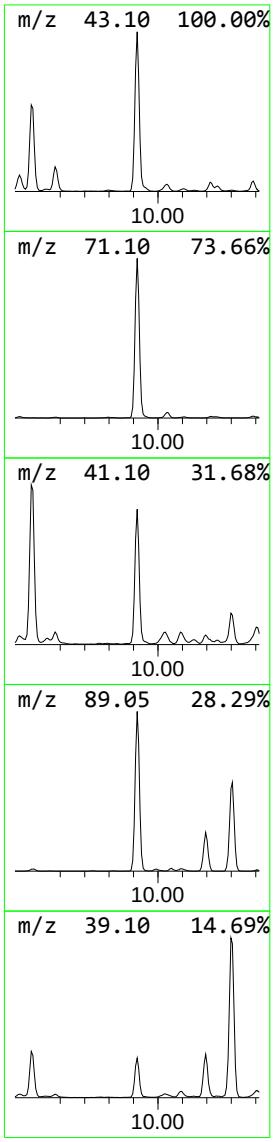
****

Peak Number 25 Isopropyl butyrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.915	86.22 ug/L	1391890	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	94
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	91
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	83
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	78





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Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

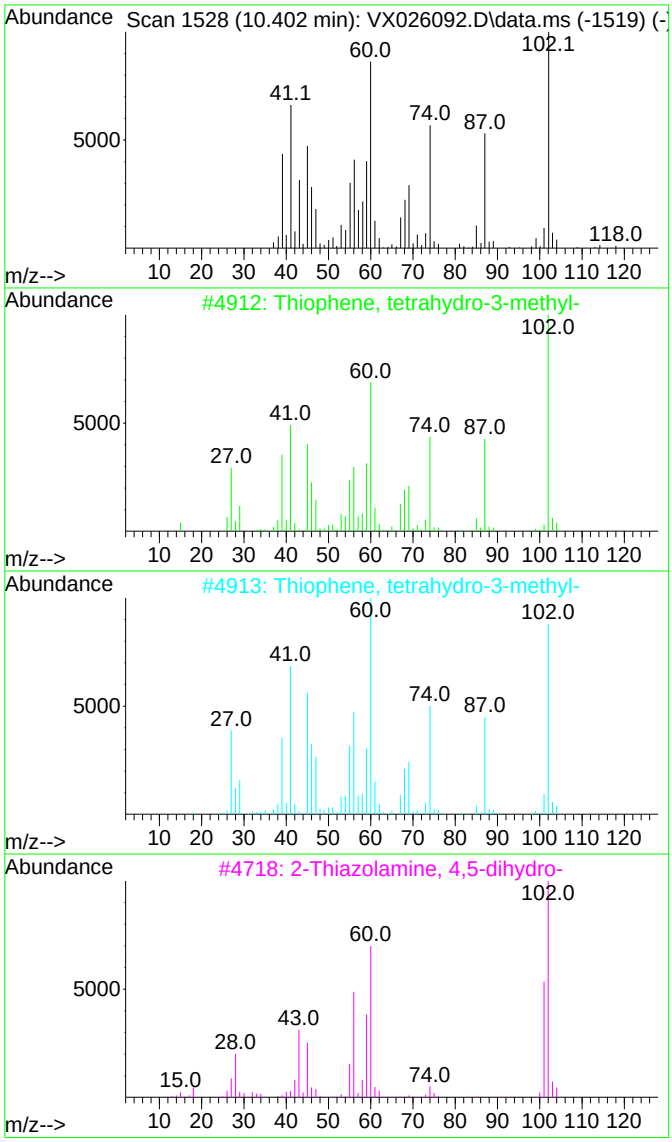
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

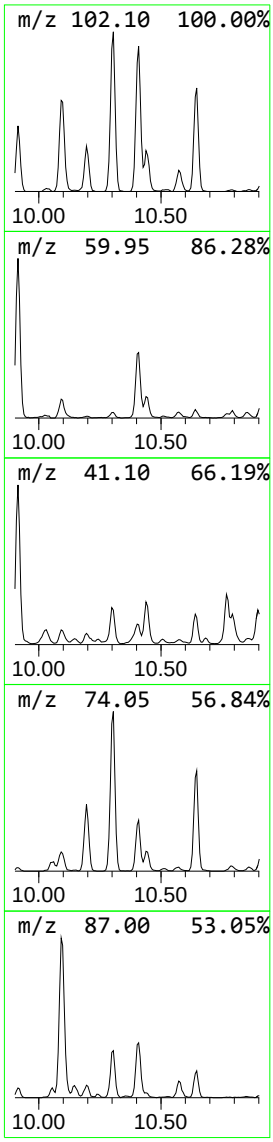
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Thiophene, tetrahydro-3-met... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.402	19.50 ug/L	314809	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	98
2	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	96
3	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	52
4	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	46
5	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	38





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Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

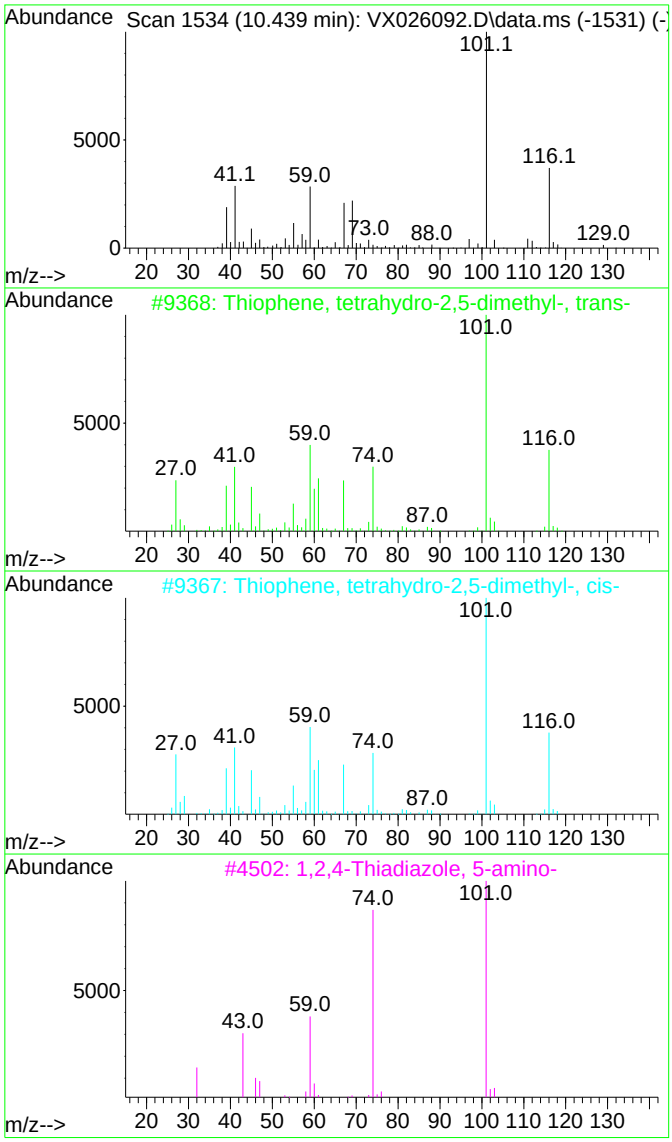
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

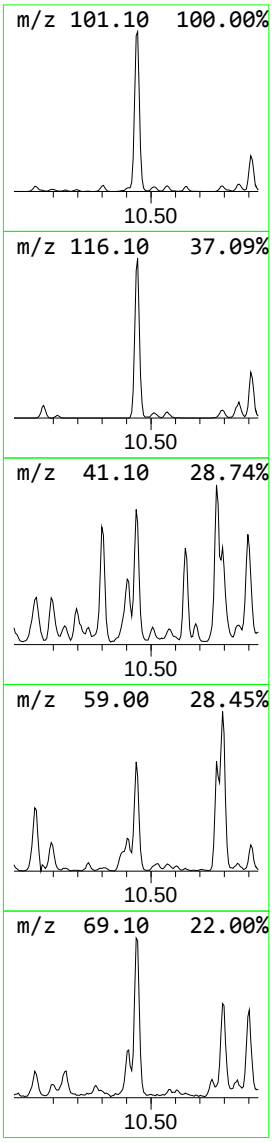
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Thiophene, tetrahydro-2,5-d... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.439	32.34 ug/L	522139	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	72
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	72
3	1,2,4-Thiadiazole, 5-amino-	101	C2H3N3S	007552-07-0	47
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	45
5	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	43





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Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

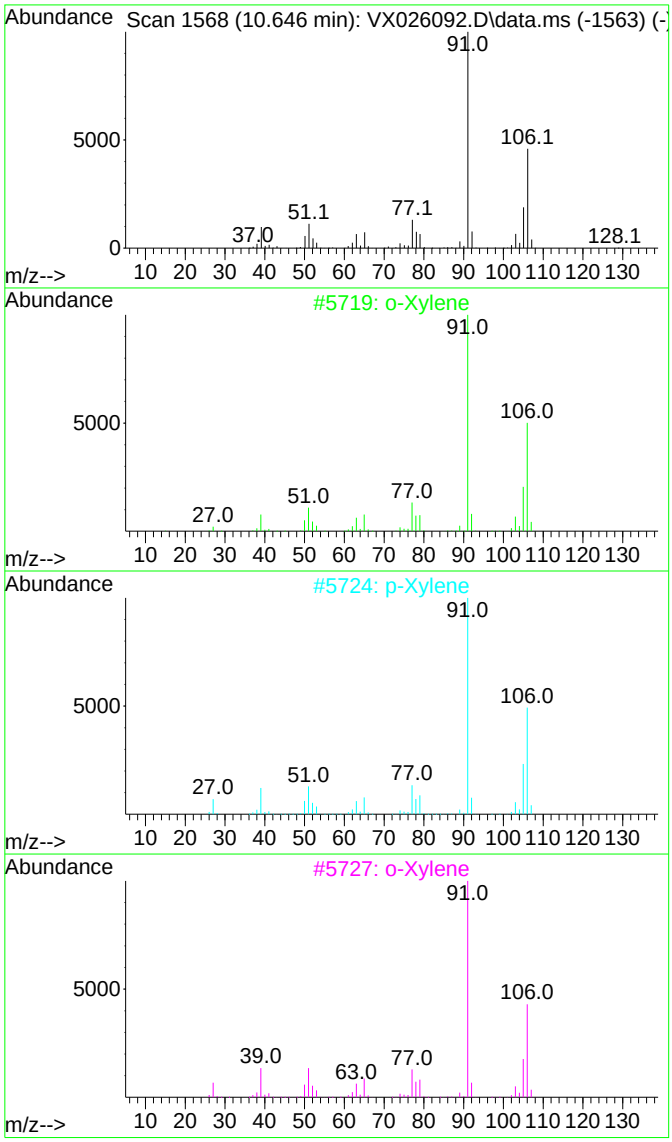
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

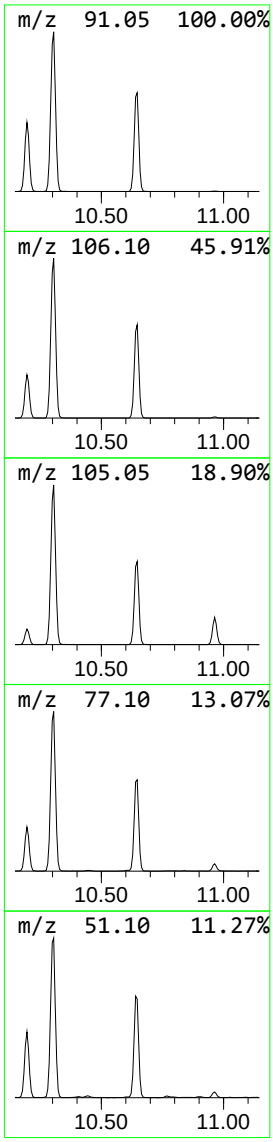
****

Peak Number 30 p-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.646	252.40 ug/L	4074780	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

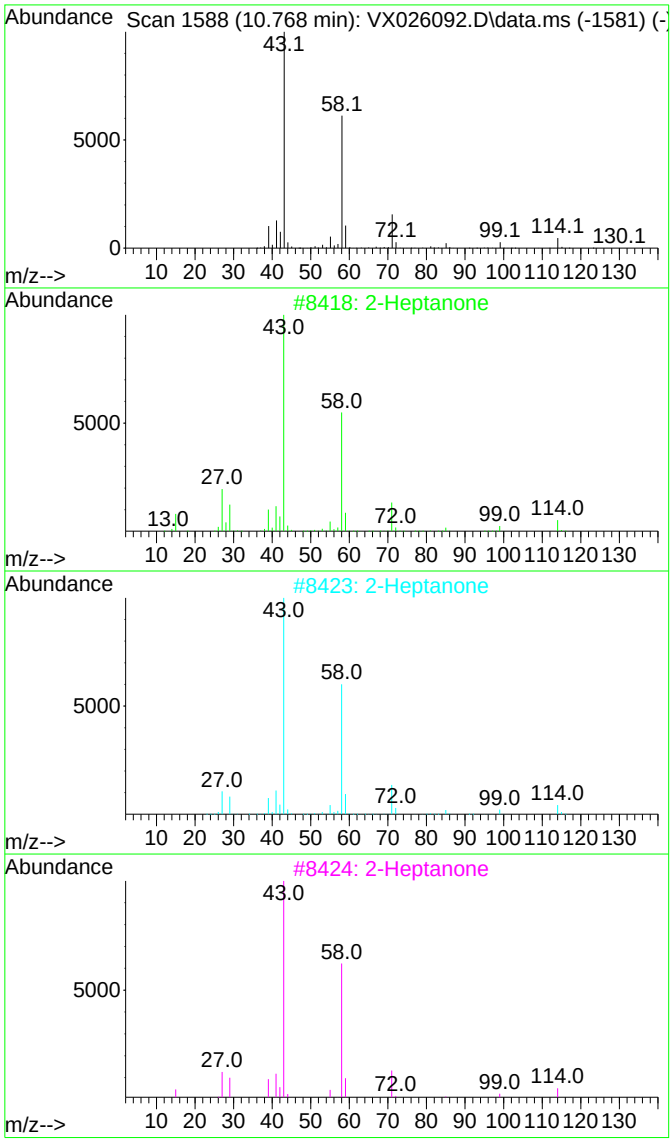
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

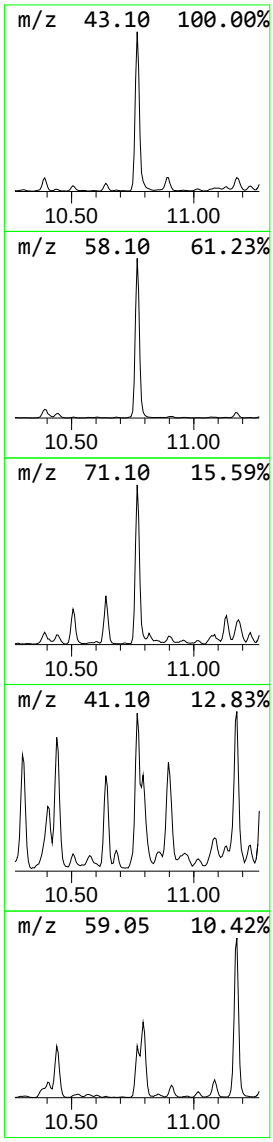
****

Peak Number 31 2-Heptanone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.768	64.62 ug/L	1043290	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Heptanone	114	C7H14O	000110-43-0	91
3	2-Heptanone	114	C7H14O	000110-43-0	91
4	2-Heptanone	114	C7H14O	000110-43-0	91
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

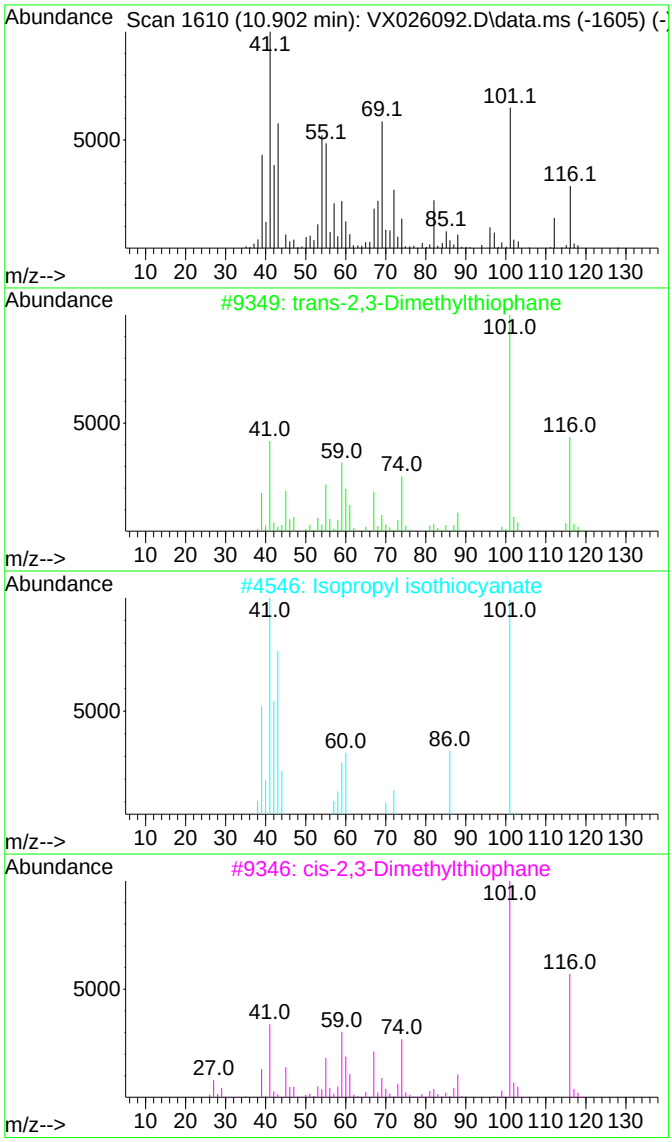
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

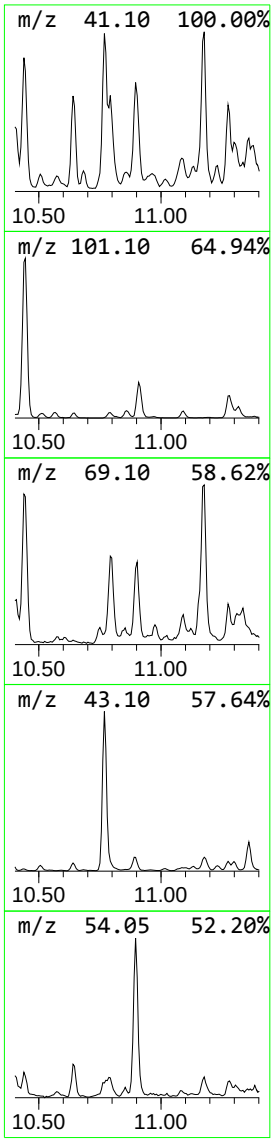
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 trans-2,3-Dimethylthiophane Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.902	16.30 ug/L	263196	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	60
2	Isopropyl isothiocyanate	101	C4H7NS	002253-73-8	41
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	35
4	Hexanenitrile	97	C6H11N	000628-73-9	27
5	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

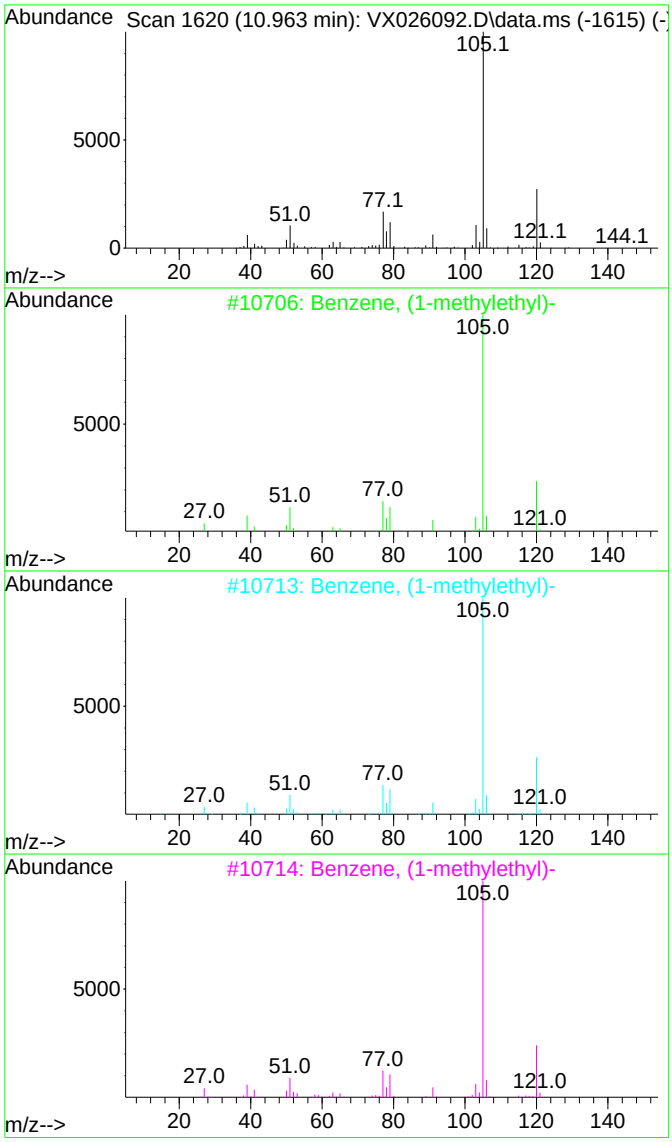
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

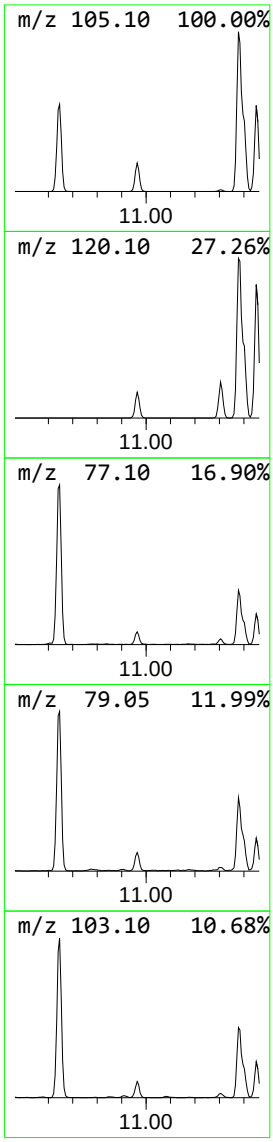
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, (1-methylethyl)- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.963	14.48 ug/L	233830	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

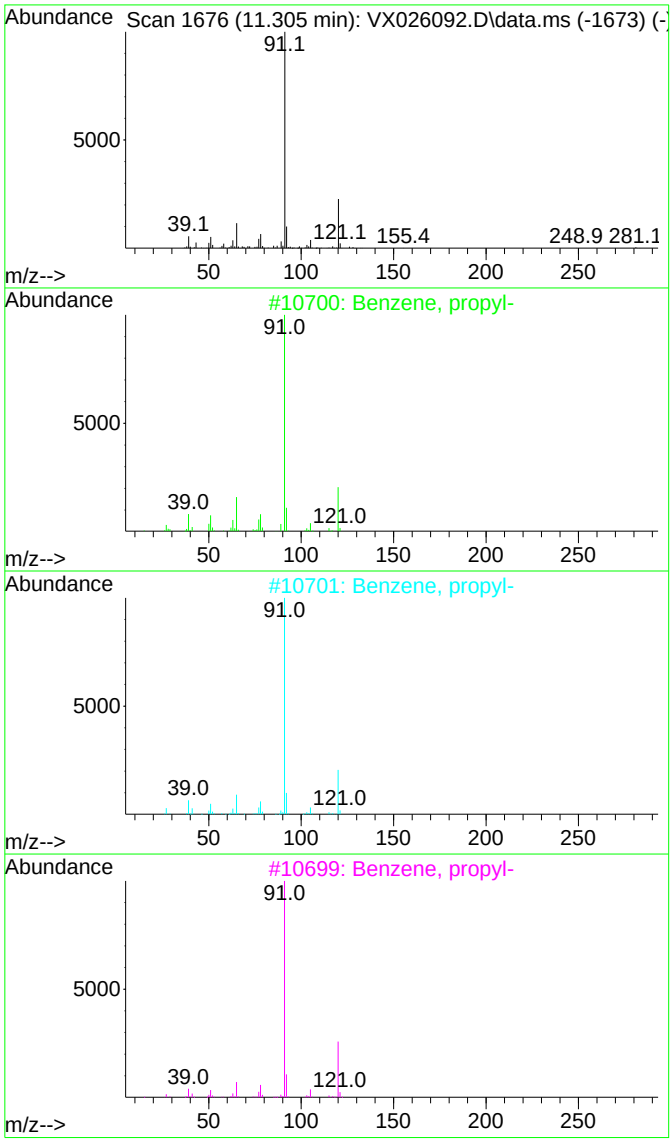
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

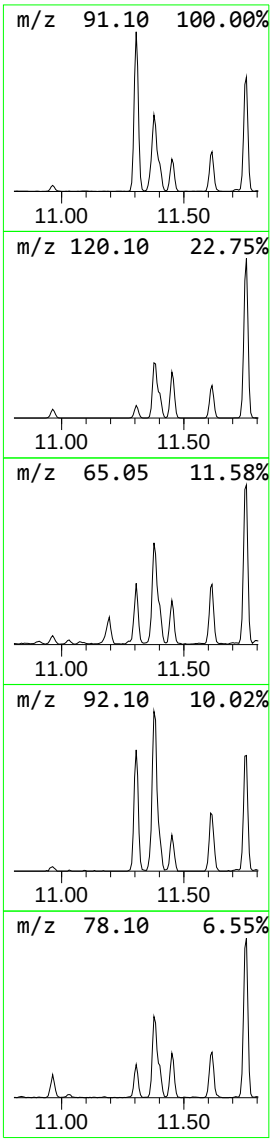
****

Peak Number 36 Benzene, propyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.305	19.67 ug/L	319852	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	86
4	Benzene, propyl-	120	C9H12	000103-65-1	81
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

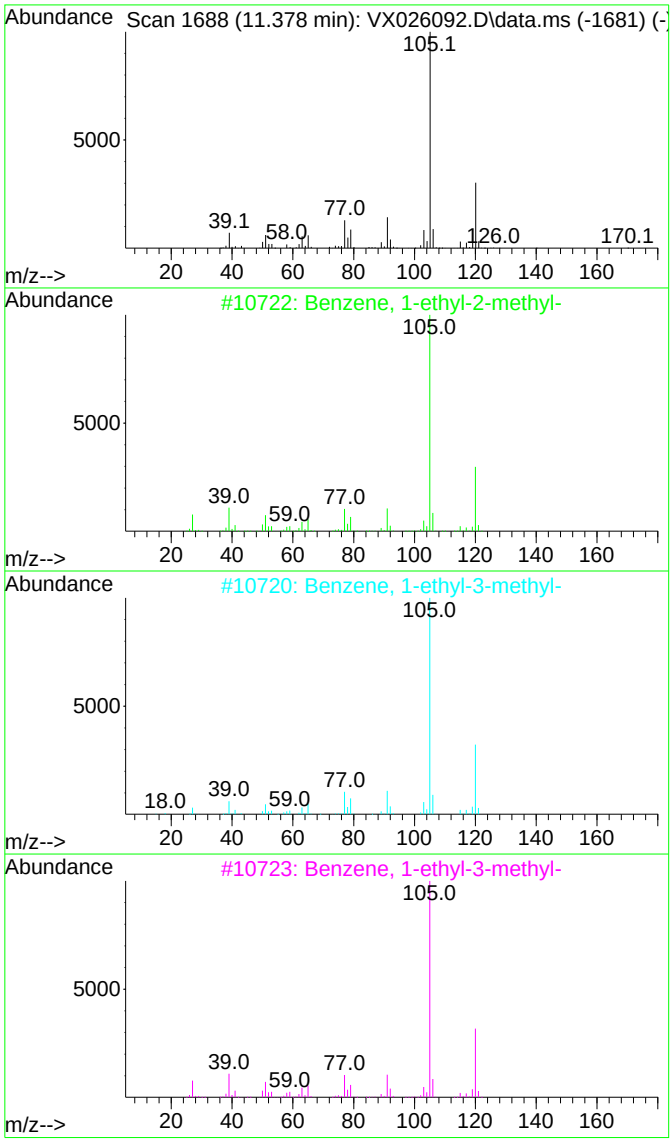
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

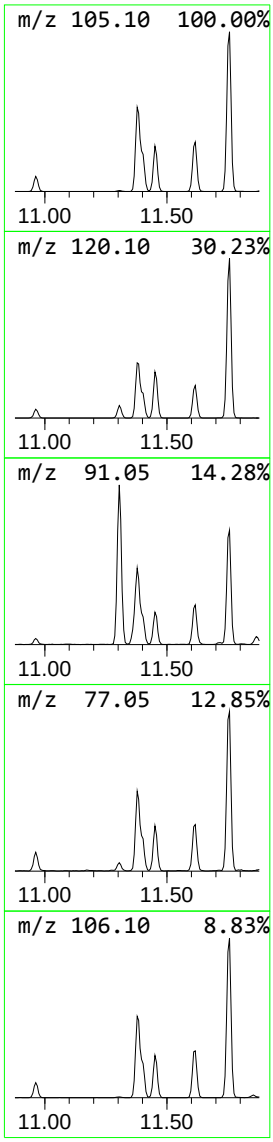
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	108.88 ug/L	1770940	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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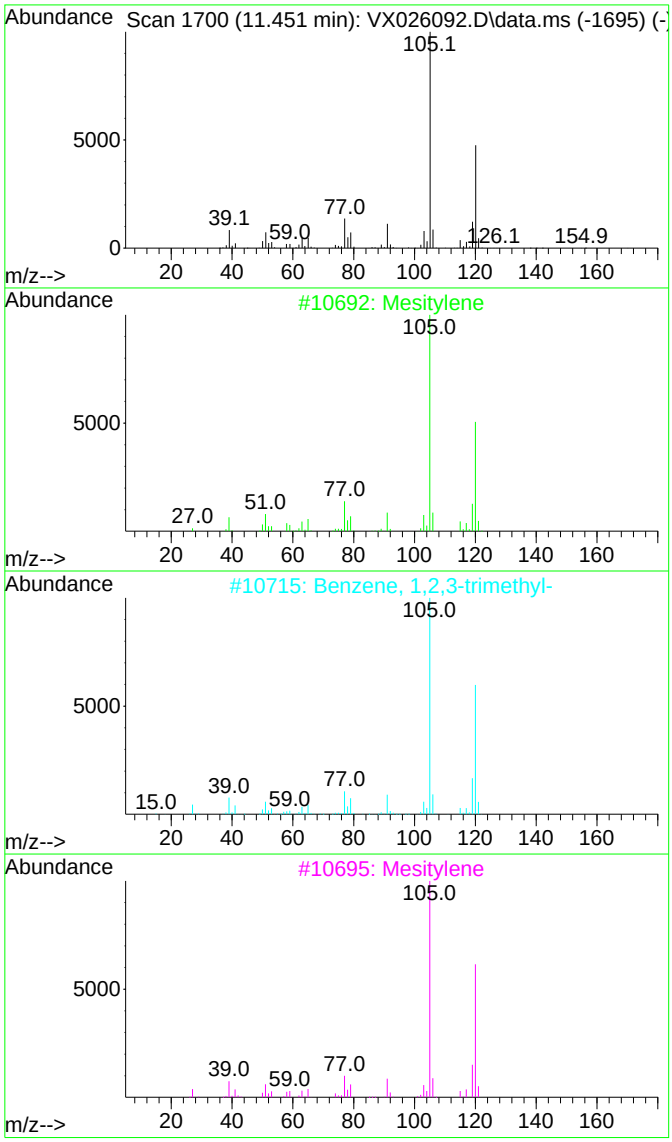
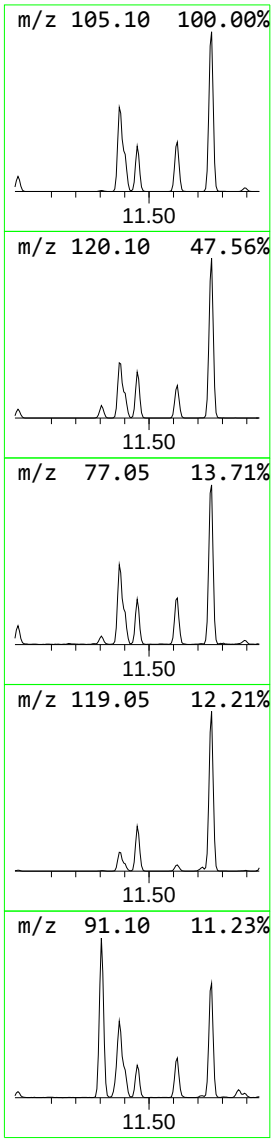
Peak Number 38 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.451	53.00 ug/L	861990	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Mesitylene	120	C9H12	000108-67-8	95
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

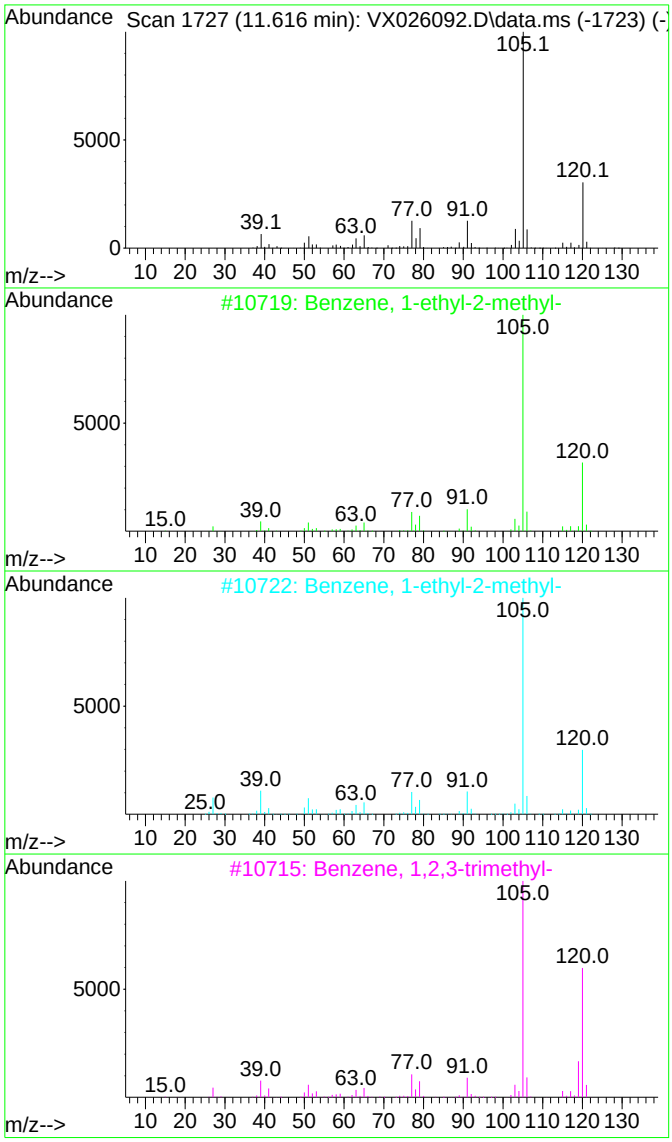
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

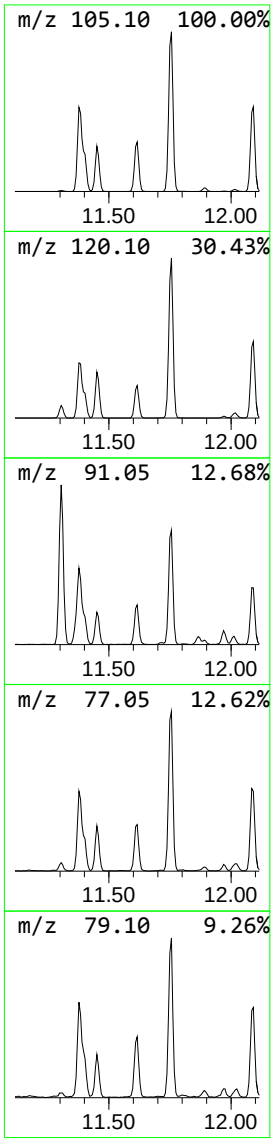
****

Peak Number 40 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	49.17 ug/L	799682	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

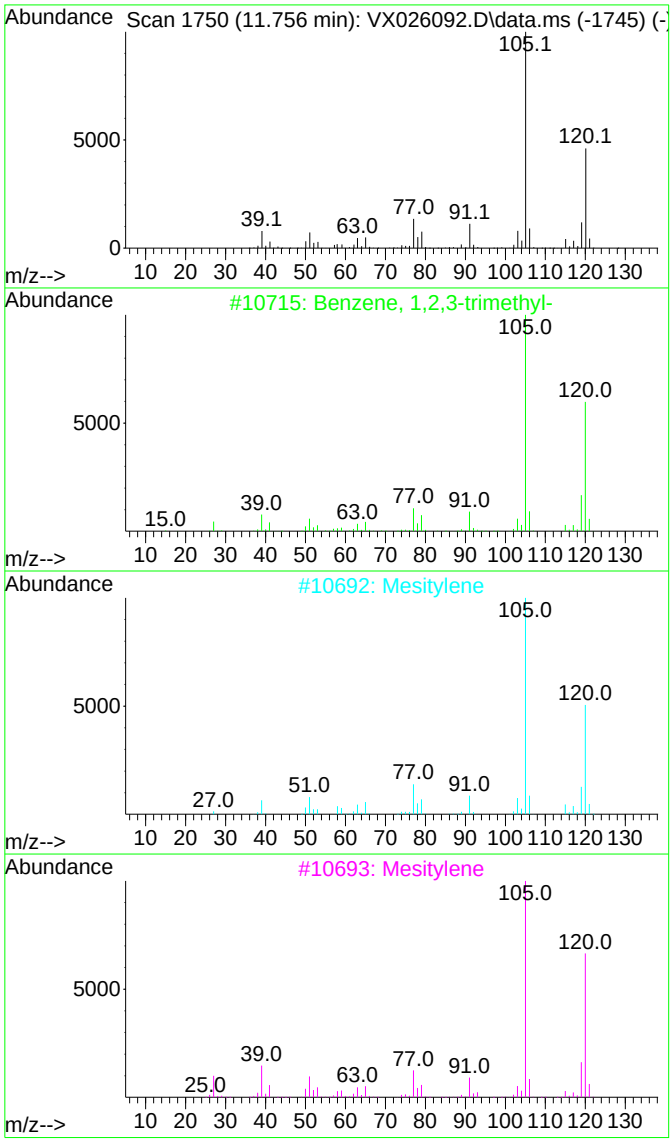
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

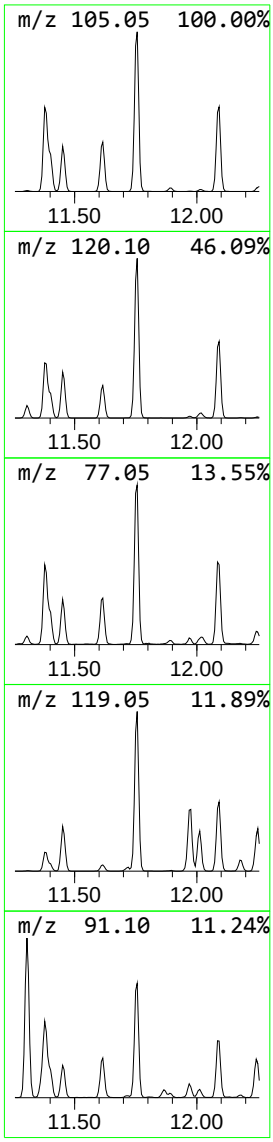
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.756	156.30 ug/L	2542200	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

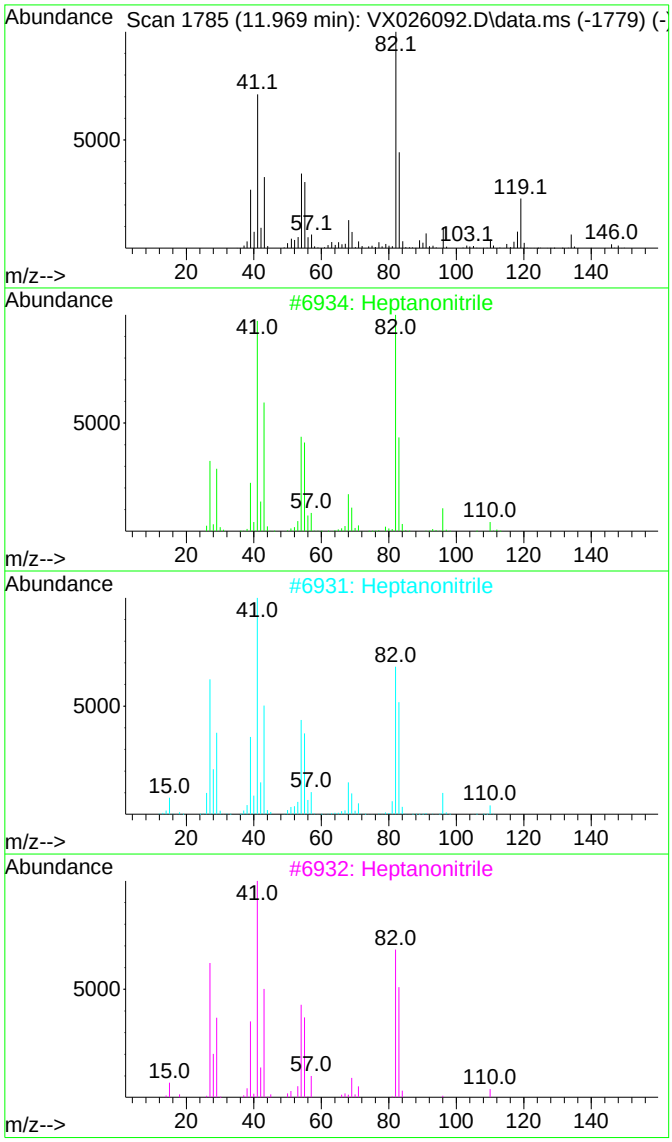
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

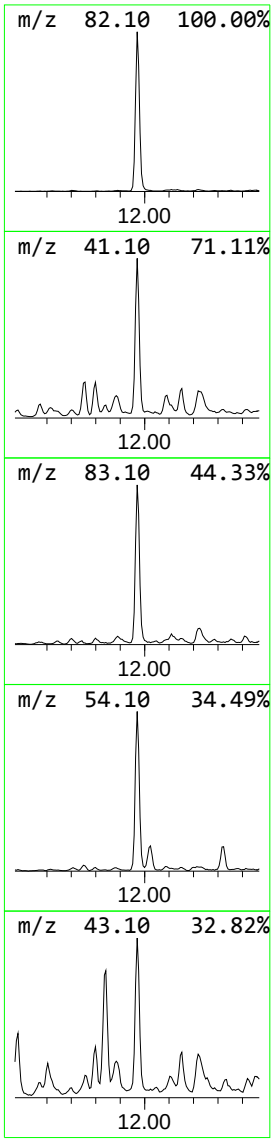
****

Peak Number 46 Heptanonitrile Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	55.94 ug/L	909825	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanonitrile	111	C7H13N	000629-08-3	72
2	Heptanonitrile	111	C7H13N	000629-08-3	47
3	Heptanonitrile	111	C7H13N	000629-08-3	43
4	1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	43
5	2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

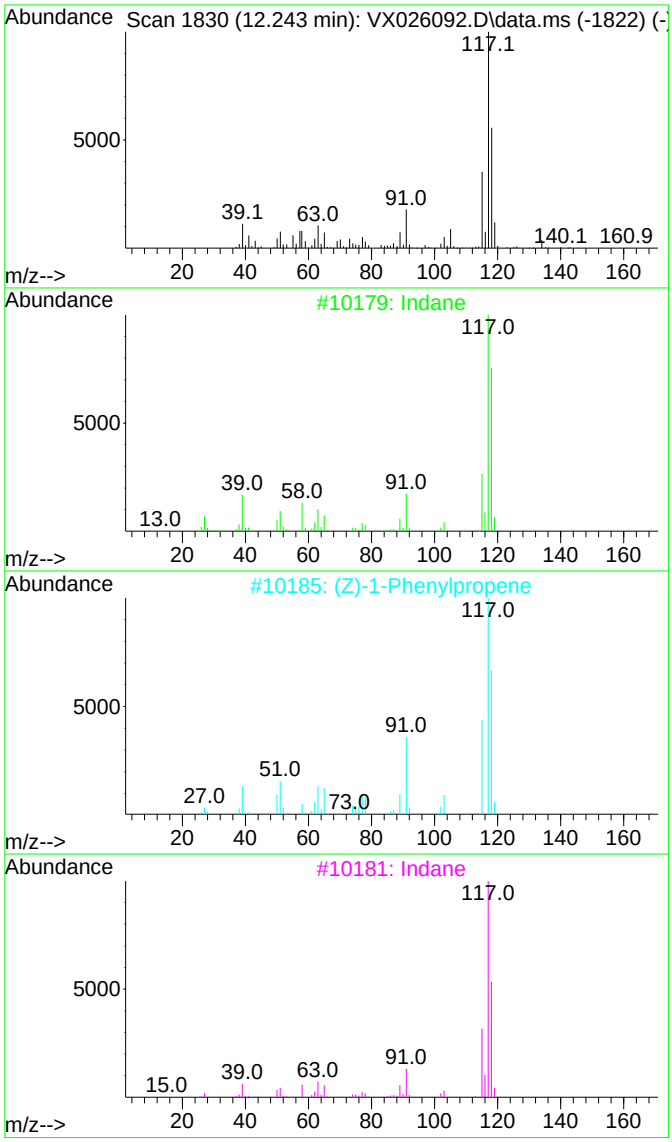
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

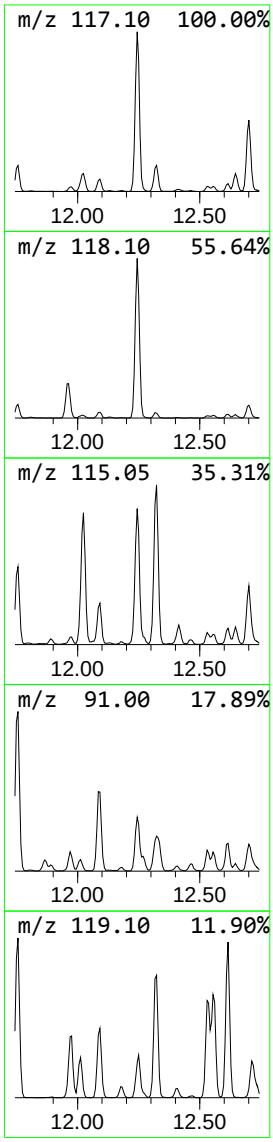
****

Peak Number 48 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.243	61.24 ug/L	996070	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	76
3	Indane	118	C9H10	000496-11-7	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

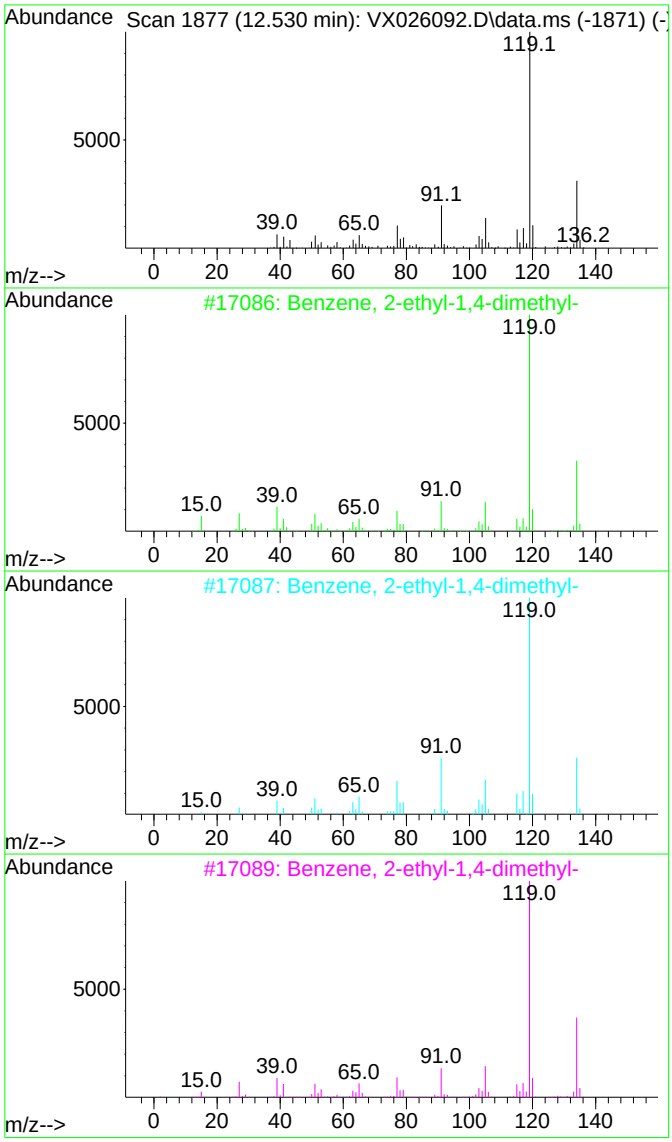
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

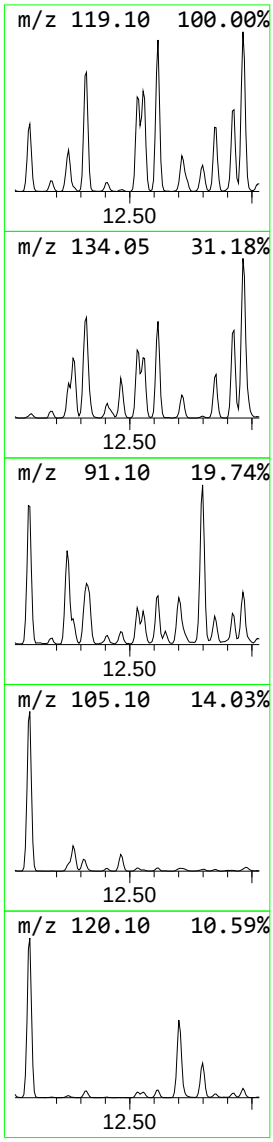
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.530	14.50 ug/L	235803	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

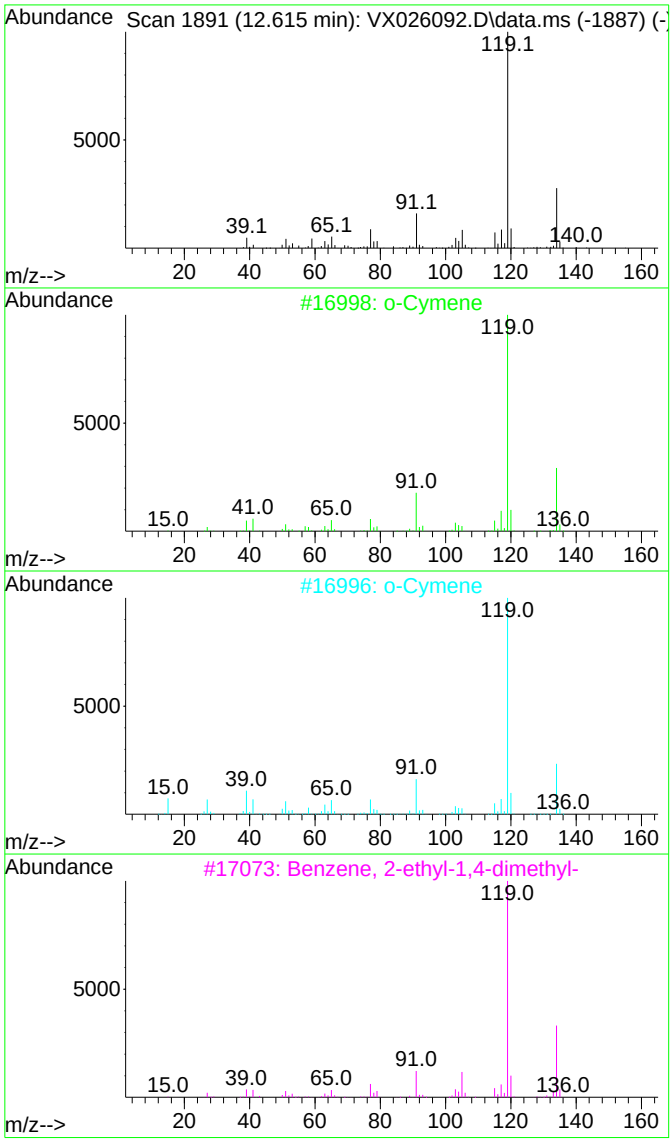
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

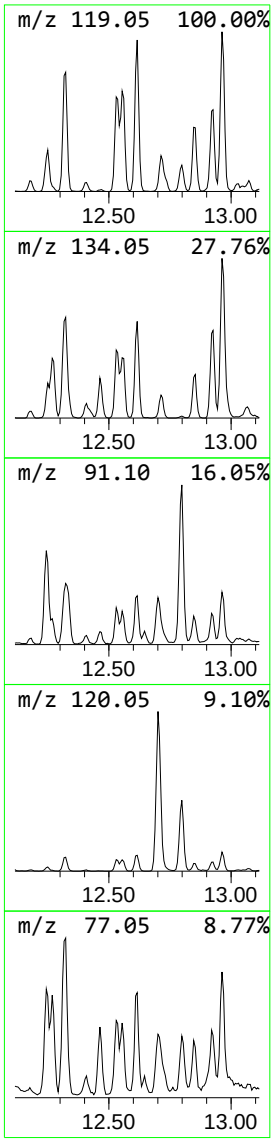
****

Peak Number 53 o-Cymene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	15.36 ug/L	249884	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

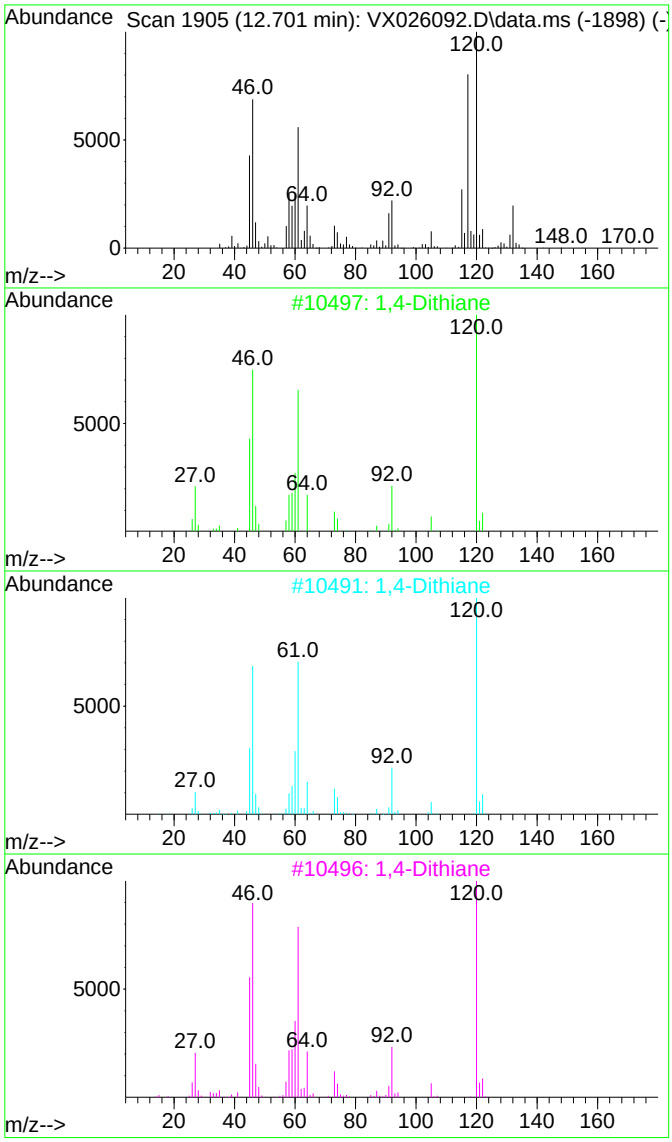
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

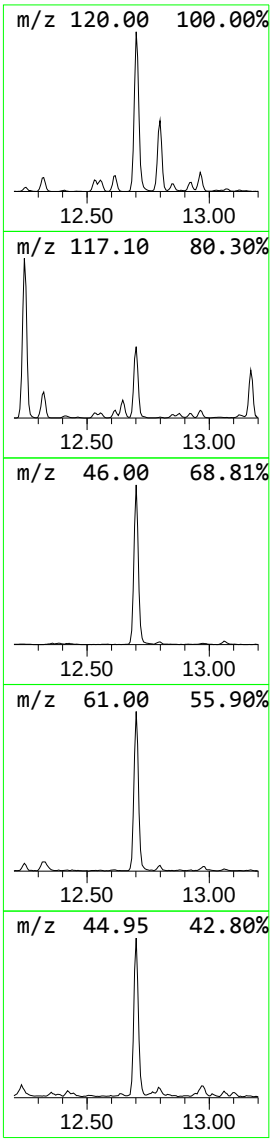
****

Peak Number 54 1,4-Dithiane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.701	53.23 ug/L	865774	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dithiane	120	C4H8S2	000505-29-3	93
2	1,4-Dithiane	120	C4H8S2	000505-29-3	93
3	1,4-Dithiane	120	C4H8S2	000505-29-3	91
4	1,4-Dithiane	120	C4H8S2	000505-29-3	83
5	2-Methyl-1,3-dithiacyclopentane	120	C4H8S2	005616-51-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

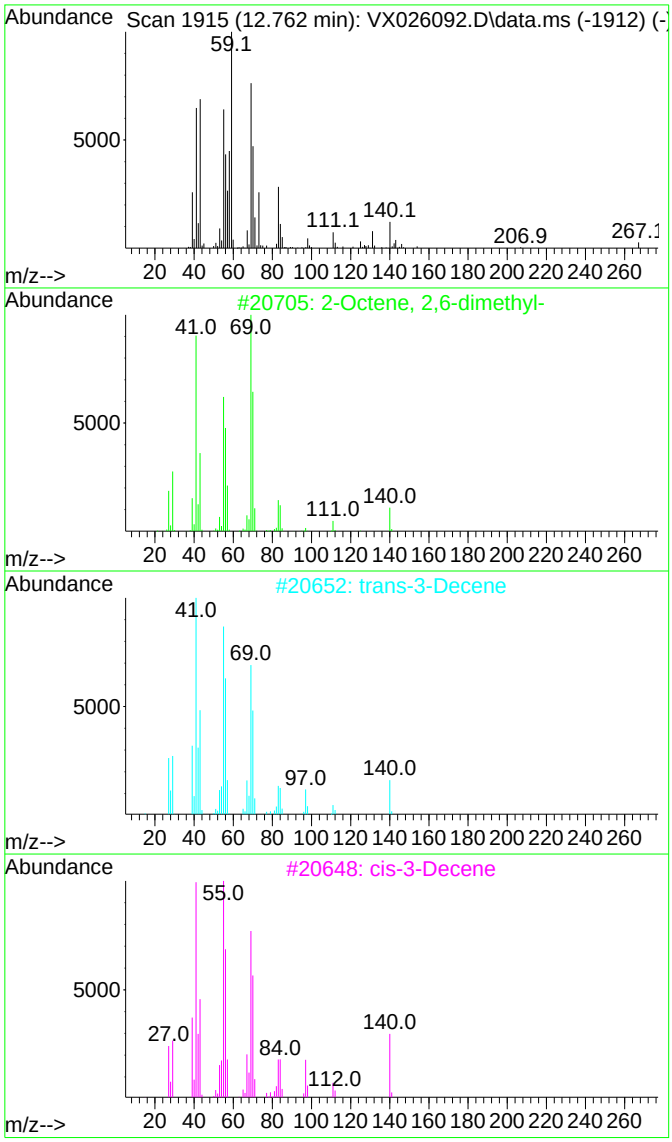
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

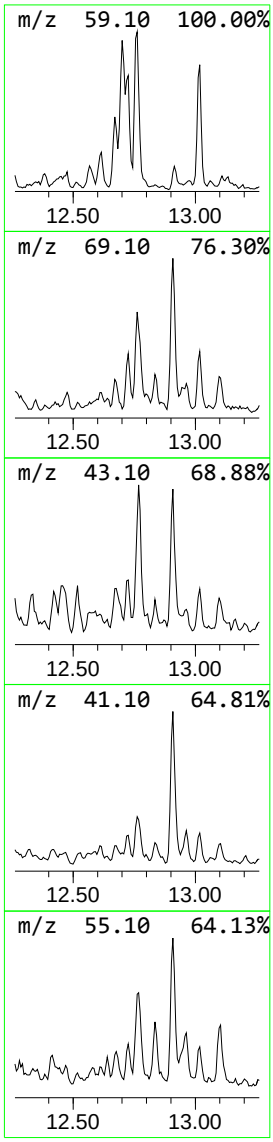
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.762	11.19 ug/L	181948	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	55
2	trans-3-Decene	140	C10H20	019150-21-1	46
3	cis-3-Decene	140	C10H20	019398-86-8	43
4	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	38
5	Cyclopentane, ethyl-	98	C7H14	001640-89-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

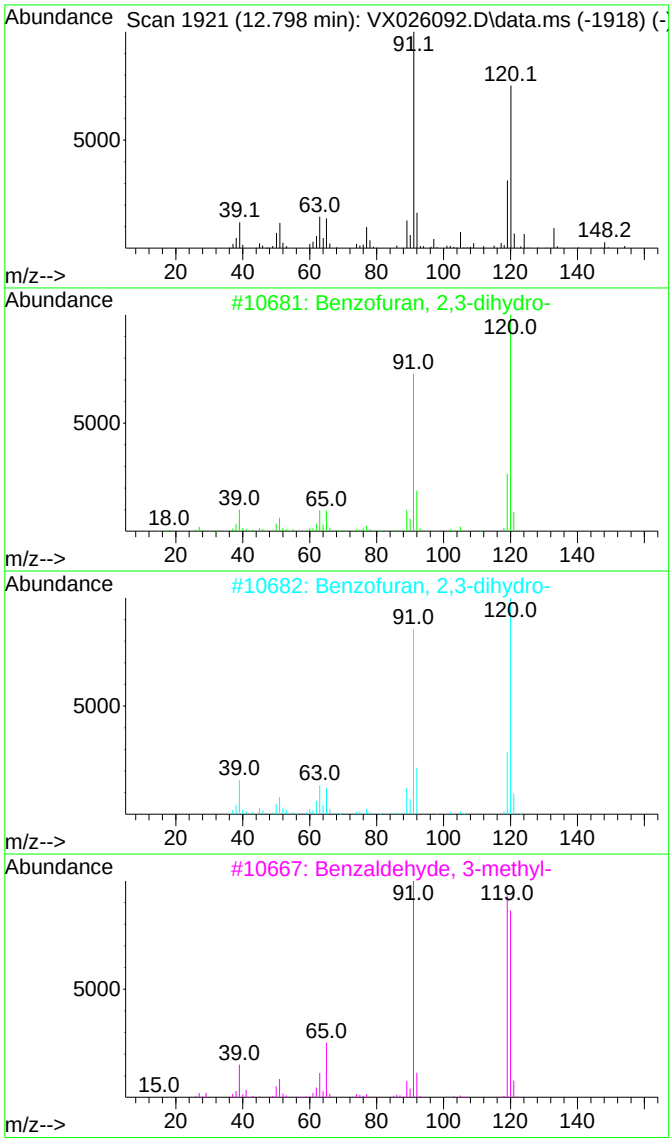
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

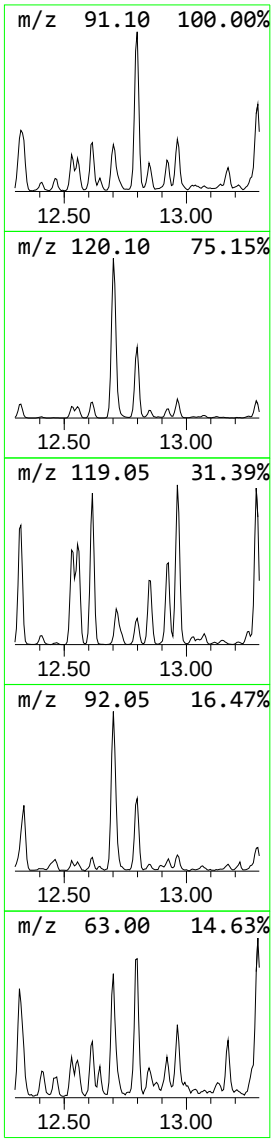
****

Peak Number 56 Benzofuran, 2,3-dihydro- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	13.52 ug/L	219908	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	93
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	81
3	Benzaldehyde, 3-methyl-	120	C8H8O	000620-23-5	76
4	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	76
5	4-Vinylphenol	120	C8H8O	002628-17-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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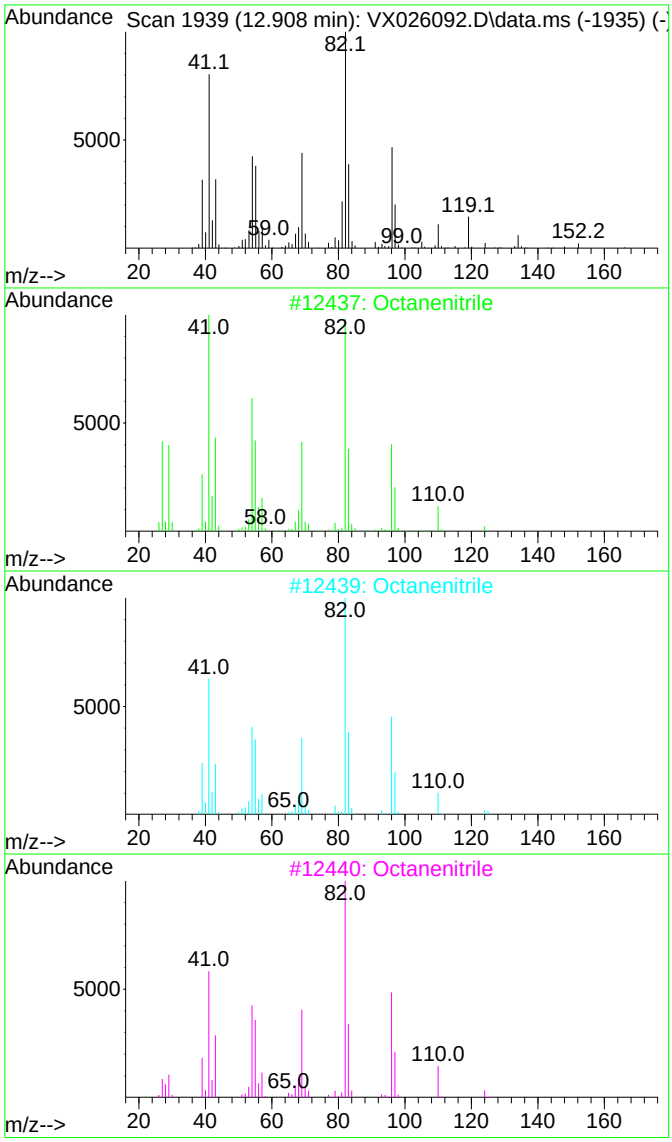
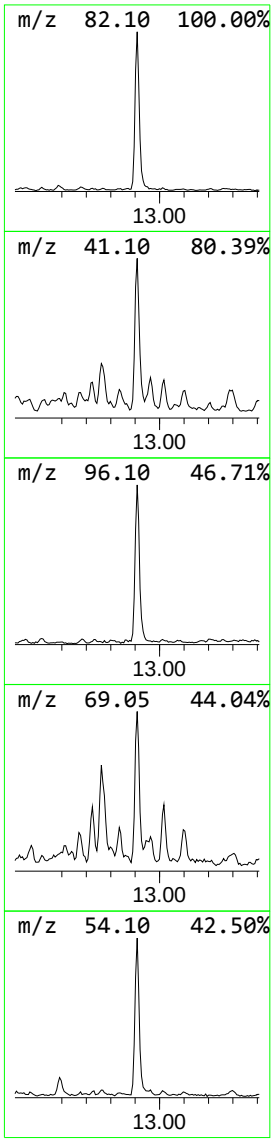
Peak Number 58 Octanenitrile Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.908	33.09 ug/L	538190	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanenitrile	125	C8H15N	000124-12-9	87
2	Octanenitrile	125	C8H15N	000124-12-9	86
3	Octanenitrile	125	C8H15N	000124-12-9	80
4	Octanenitrile	125	C8H15N	000124-12-9	59
5	Nonanenitrile	139	C9H17N	002243-27-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

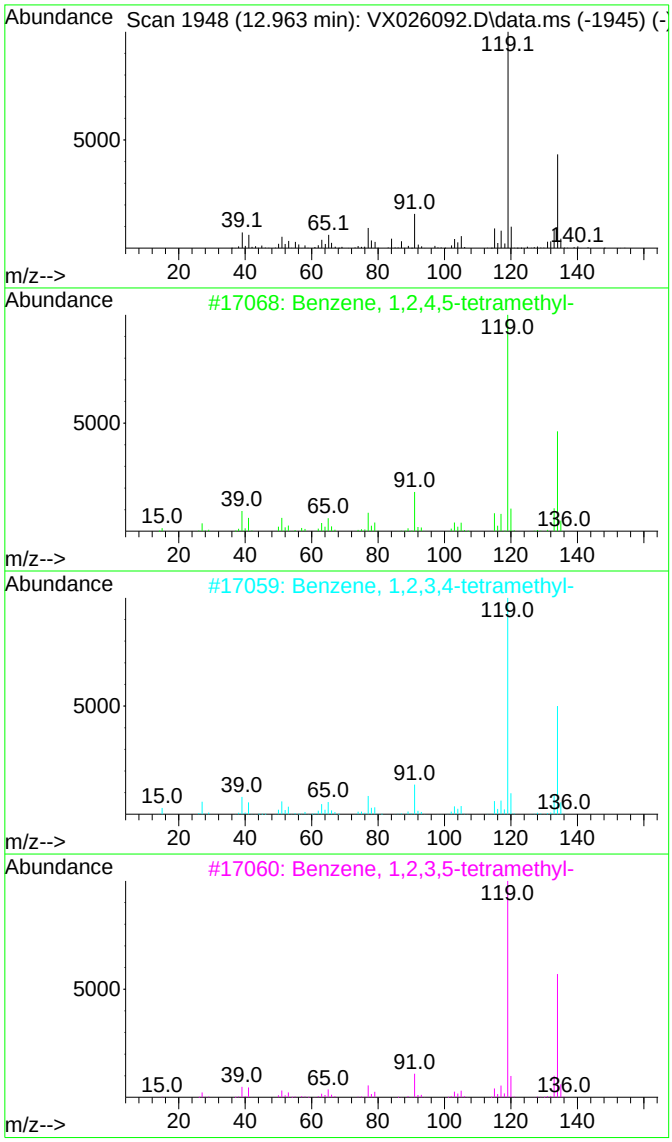
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

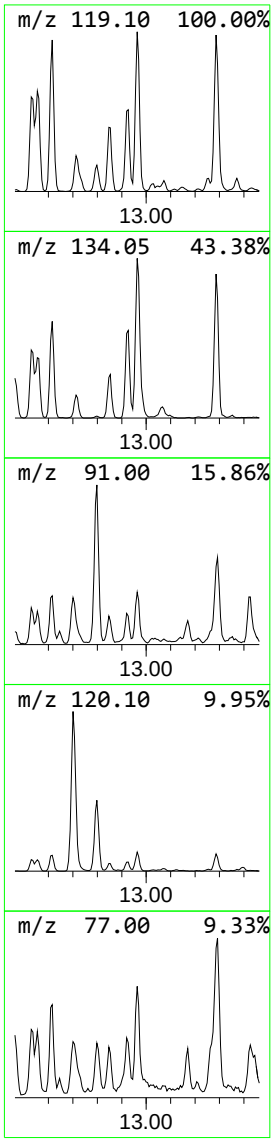
****

Peak Number 59 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	22.28 ug/L	362439	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	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

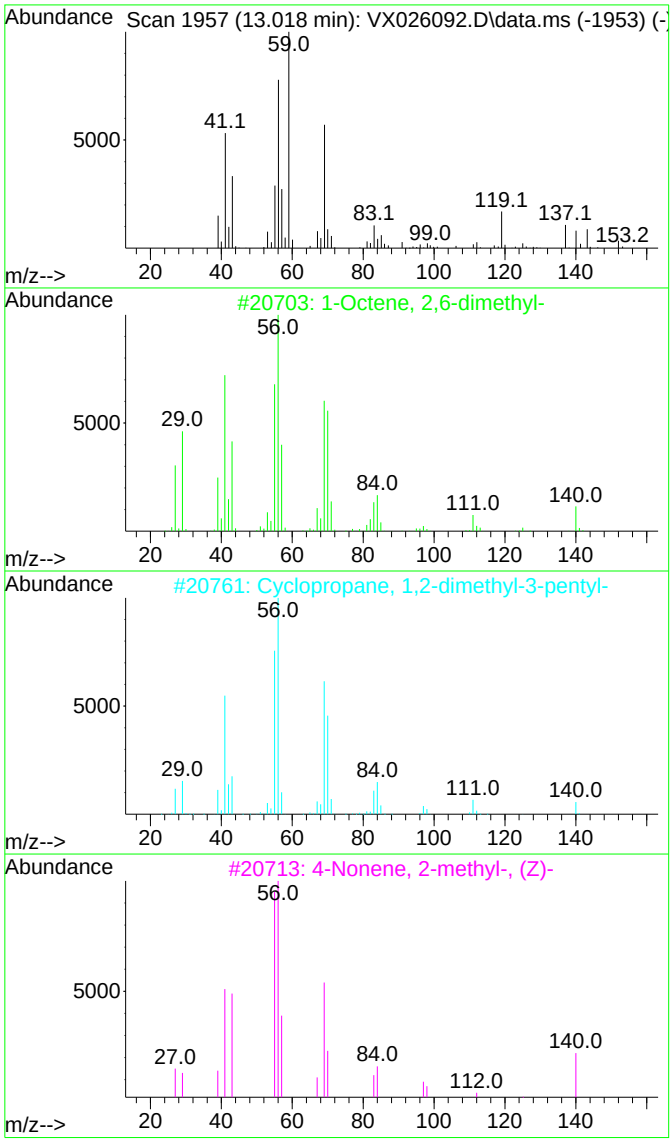
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

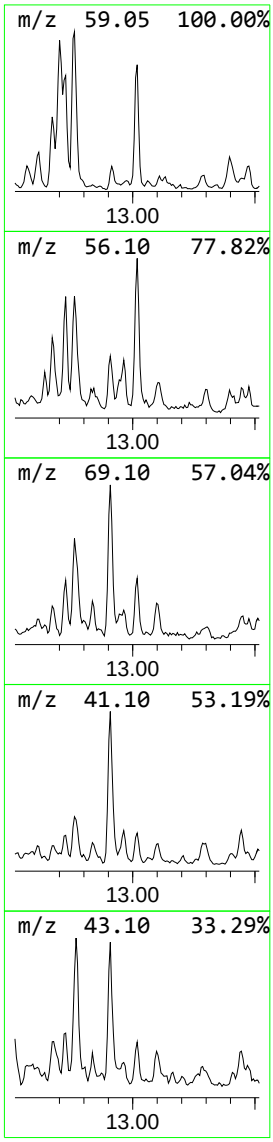
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.018	5.33 ug/L	86688	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 2,6-dimethyl-	140	C10H20	006874-29-9	38
2	Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-05-5	35
3	4-Nonene, 2-methyl-, (Z)-	140	C10H20	051090-05-2	35
4	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	35
5	1-Octene, 2,7-dimethyl-	140	C10H20	033718-03-5	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

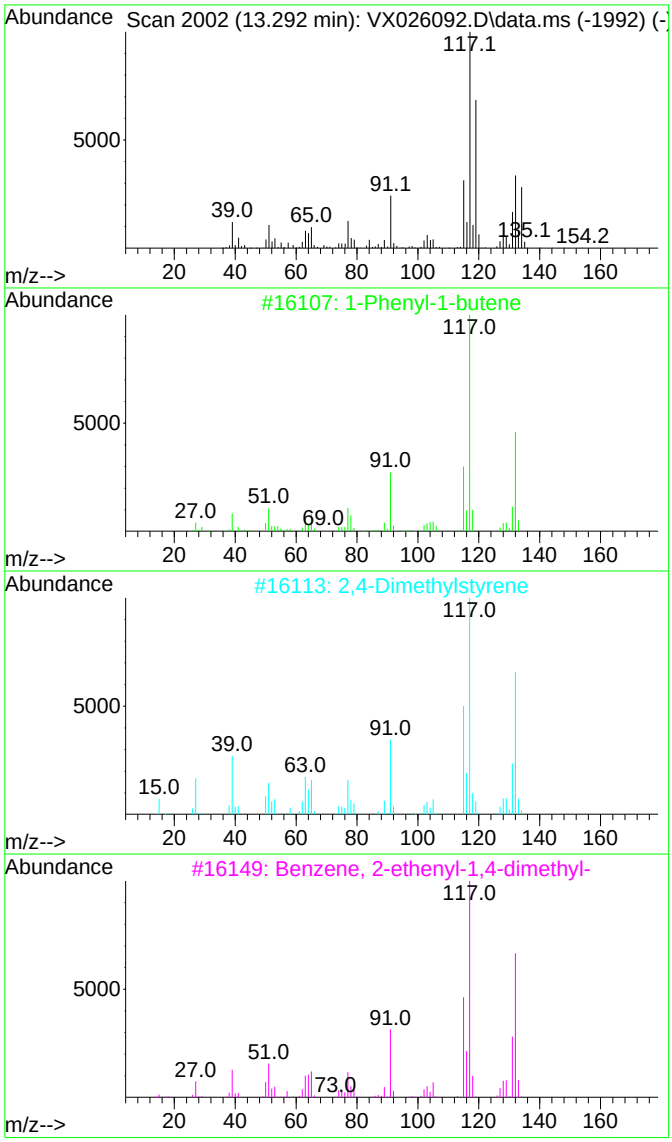
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

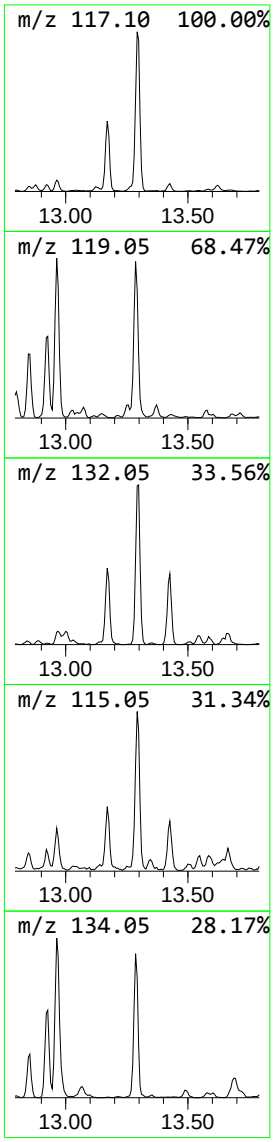
****

Peak Number 62 1-Phenyl-1-butene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	53.13 ug/L	864087	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

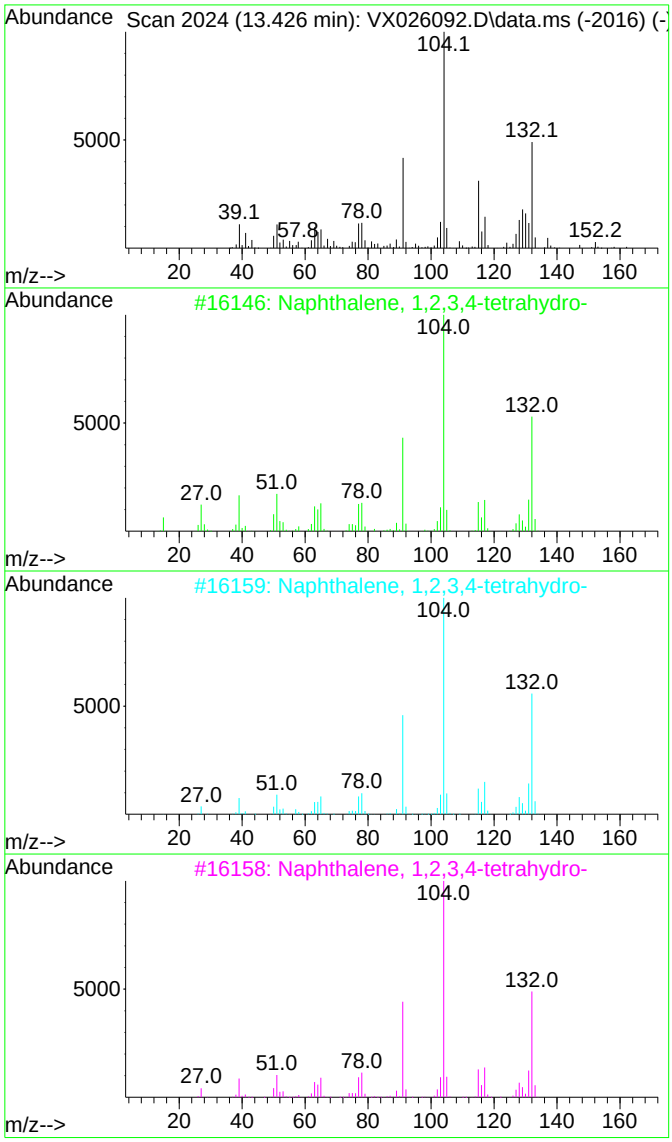
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

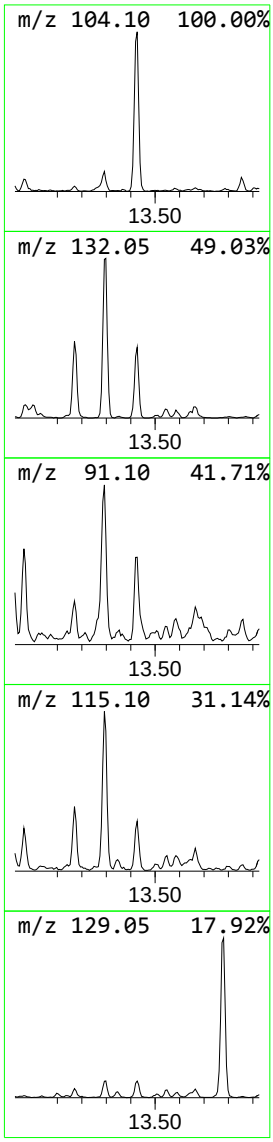
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.426	18.11 ug/L	294518	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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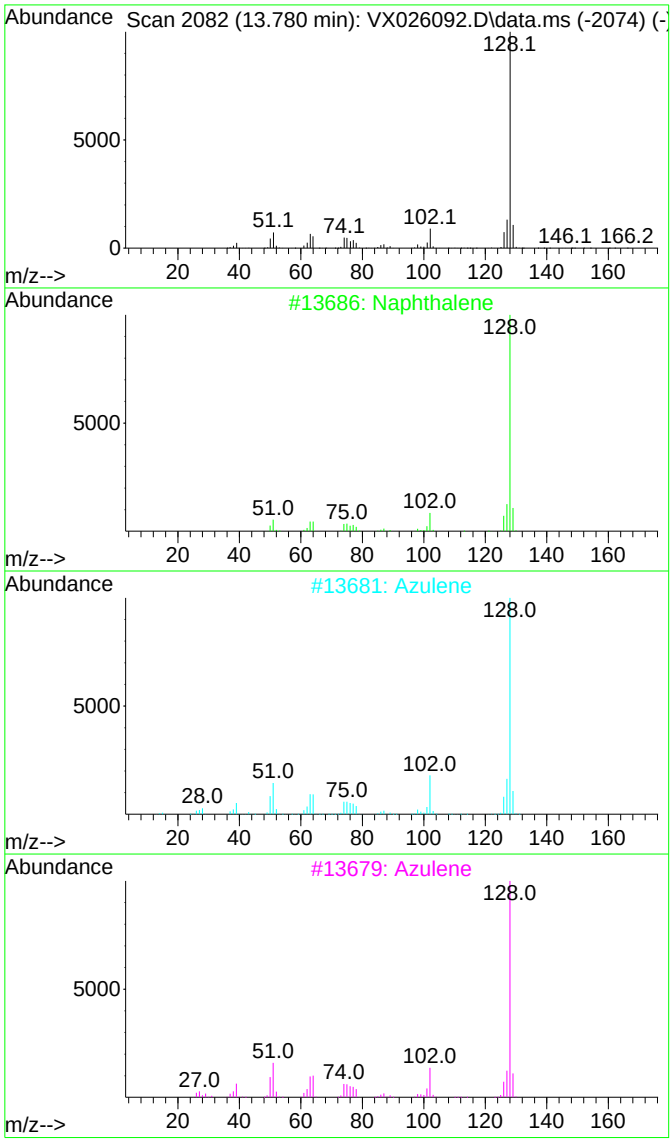
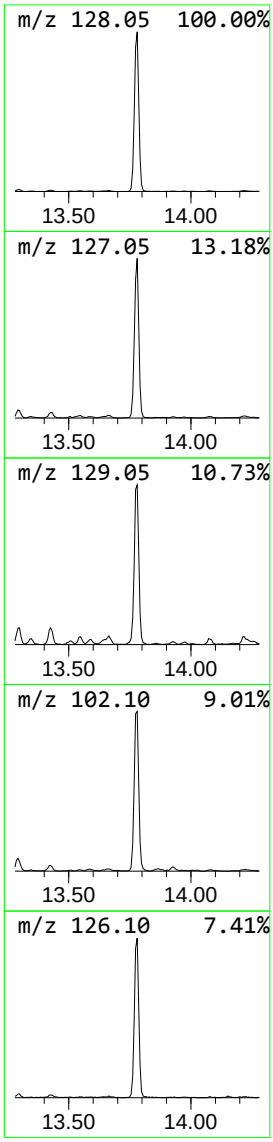
Peak Number 66 Azulene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	91.80 ug/L	1493170	1,4-Dichlorobenzene-d4	12.024

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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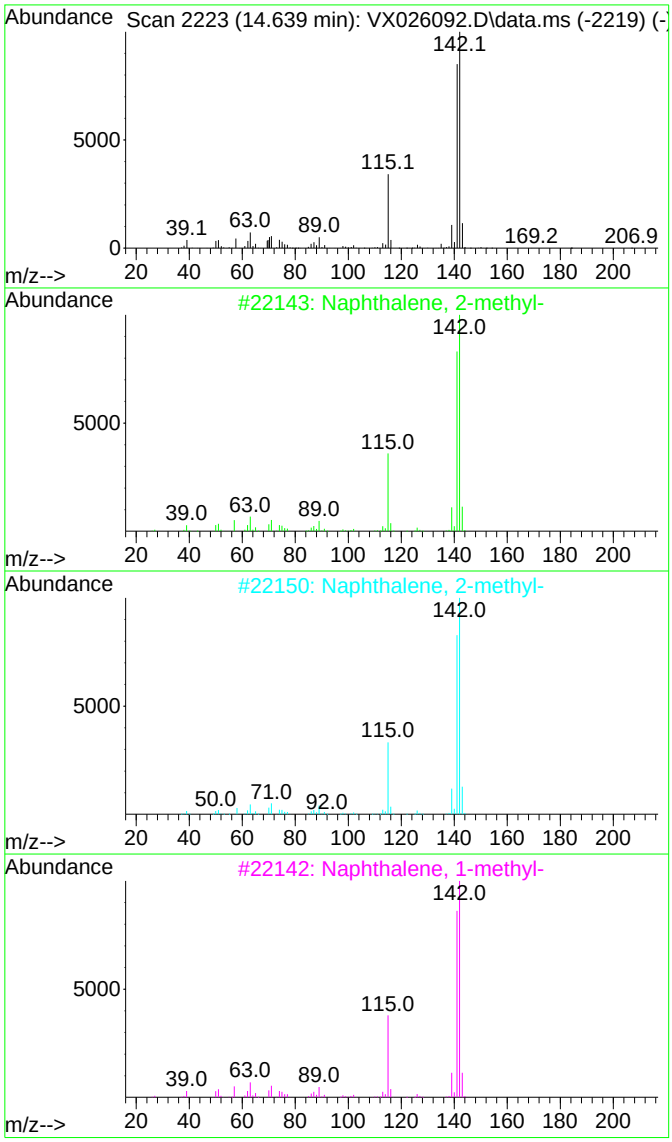
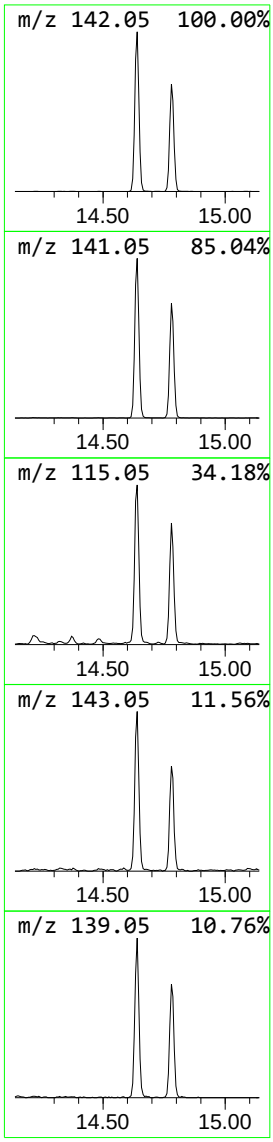
Peak Number 70 Naphthalene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	48.92 ug/L	795674	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

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

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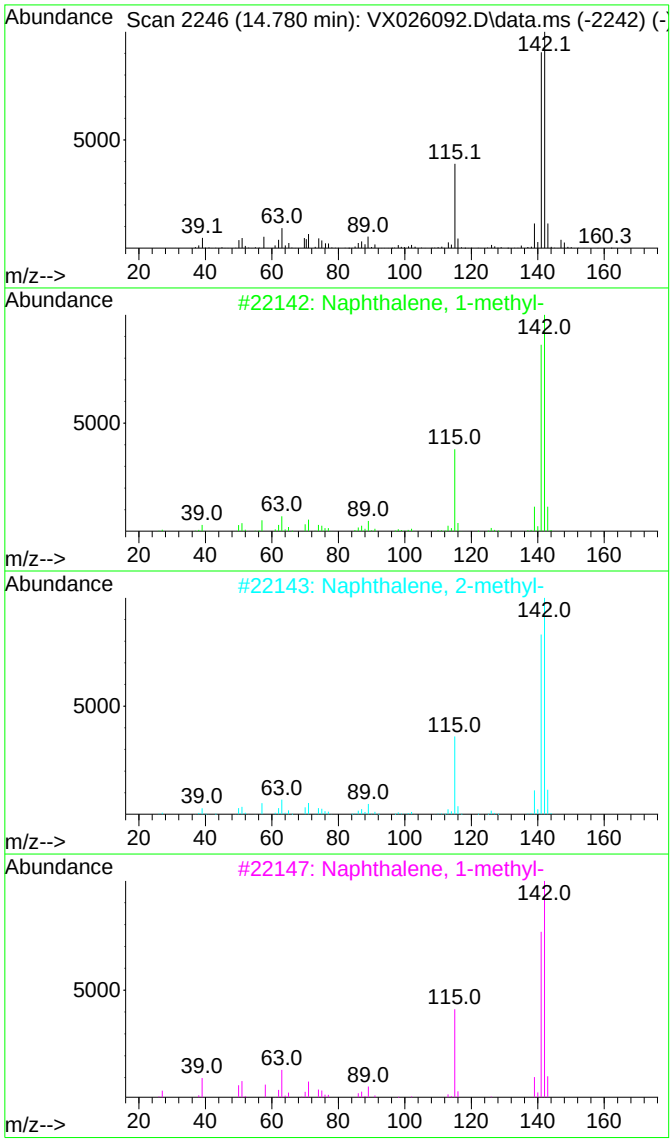
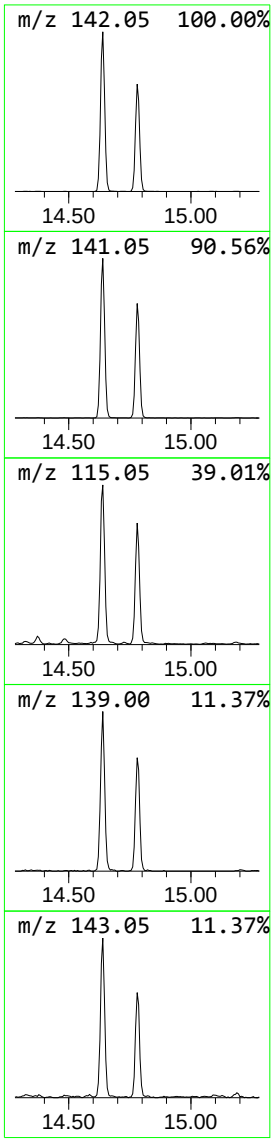
Peak Number 71 Naphthalene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	34.94 ug/L	568236	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
Data File : VX026092.D
Acq On : 28 Dec 2021 03:41
Operator : JC/MD
Sample : M5232-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GBCC7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.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...	1.270	11.1	ug/L	122085	1	6.769	548413	50.0
(DEL) Alkane: S...	1.751	8.1	ug/L	88691	1	6.769	548413	50.0
(DEL) Alkane: S...	1.971	11.9	ug/L	129975	1	6.769	548413	50.0
(DEL) Alkane: C...	2.221	24.9	ug/L	273377	1	6.769	548413	50.0
(DEL) Alkane: S...	3.739	7.8	ug/L	85201	1	6.769	548413	50.0
(DEL) Alkane: C...	4.312	9.1	ug/L	99534	1	6.769	548413	50.0
Cyclopentene, 1...	5.202	21.3	ug/L	233856	1	6.769	548413	50.0
Ethane, 1,1,1-t...	5.391	317.3	ug/L	3480260	1	6.769	548413	50.0
(DEL) Alkane: C...	7.385	9.8	ug/L	107908	1	6.769	548413	50.0
n-Propyl acetate	7.799	156.3	ug/L	1714770	1	6.769	548413	50.0
Methyl Isobutyl...	8.579	69.6	ug/L	1123860	2	10.055	807203	50.0
Propanoic acid,...	9.482	159.7	ug/L	2577870	2	10.055	807203	50.0
Isopropyl butyrate	9.915	86.2	ug/L	1391890	2	10.055	807203	50.0
Thiophene, tetr...	10.402	19.5	ug/L	314809	2	10.055	807203	50.0
Thiophene, tetr...	10.439	32.3	ug/L	522139	2	10.055	807203	50.0
p-Xylene	10.646	252.4	ug/L	4074780	2	10.055	807203	50.0
2-Heptanone	10.768	64.6	ug/L	1043290	2	10.055	807203	50.0
trans-2,3-Dimet...	10.902	16.3	ug/L	263196	2	10.055	807203	50.0
Benzene, (1-met...	10.963	14.5	ug/L	233830	2	10.055	807203	50.0
Benzene, propyl-	11.305	19.7	ug/L	319852	3	12.024	813238	50.0
Benzene, 1-ethy...	11.378	108.9	ug/L	1770940	3	12.024	813238	50.0
Mesitylene	11.451	53.0	ug/L	861990	3	12.024	813238	50.0
Benzene, 1,2,3-...	11.616	49.2	ug/L	799682	3	12.024	813238	50.0
Benzene, 1,2,4-...	11.756	156.3	ug/L	2542200	3	12.024	813238	50.0
Heptanonitrile	11.969	55.9	ug/L	909825	3	12.024	813238	50.0
Indane	12.243	61.2	ug/L	996070	3	12.024	813238	50.0
Benzene, 2-ethy...	12.530	14.5	ug/L	235803	3	12.024	813238	50.0
o-Cymene	12.615	15.4	ug/L	249884	3	12.024	813238	50.0
1,4-Dithiane	12.701	53.2	ug/L	865774	3	12.024	813238	50.0
(DEL) Alkane: S...	12.762	11.2	ug/L	181948	3	12.024	813238	50.0
Benzofuran, 2,3...	12.798	13.5	ug/L	219908	3	12.024	813238	50.0
Octanenitrile	12.908	33.1	ug/L	538190	3	12.024	813238	50.0
Benzene, 1,2,4,...	12.963	22.3	ug/L	362439	3	12.024	813238	50.0
(DEL) Alkane: S...	13.018	5.3	ug/L	86688	3	12.024	813238	50.0
1-Phenyl-1-butene	13.292	53.1	ug/L	864087	3	12.024	813238	50.0
Naphthalene, 1,...	13.426	18.1	ug/L	294518	3	12.024	813238	50.0
Azulene	13.780	91.8	ug/L	1493170	3	12.024	813238	50.0
Naphthalene, 2-...	14.639	48.9	ug/L	795674	3	12.024	813238	50.0
Naphthalene, 1-...	14.780	34.9	ug/L	568236	3	12.024	813238	50.0