LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

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: VX025992.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.264	25	29	32	rBV	6360	7190	0.44%	0.039%
2	1.374	43	47	56	rVB	113200	129664	7.93%	0.712%
3	1.575	70	80	81	rBV3	8902	20484	1.25%	0.112%
4	1.648	86	92	98	rVV2	51730	85873	5.25%	0.471%
5	2.282	190	196	206	rVB	228571	354902	21.71%	1.948%
6	2.367	206	210	215	rBV2	2971	7080	0.43%	0.039%
7	2.416	215	218	226	rVB3	4318	9164	0.56%	0.050%
8	2.788	275	279	285	rVB7	4059	9152	0.56%	0.050%
9	3.422	375	383	394	rVB5	2239	6102	0.37%	0.033%
10	4.495	547	559	594	rBV2	47944	252570	15.45%	1.386%
11	5.062	637	652	672	rBV	120134	389307	23.81%	2.137%
12	5.812	764	775	783	rVV6	2361	6510	0.40%	0.036%
13	5.964	787	800	821	rBV2	352616	1011936	61.90%	5.554%
14	6.361	858	865	872	rBV5	4982	14932	0.91%	0.082%
15	6.604	898	905	910	rBV5	2232	5137	0.31%	0.028%
16	6.763	921	931	948	rBV	211692	517946	31.68%	2.843%
17	7.110	979	988	994	rBV7	4151	12182	0.75%	0.067%
18	7.214	999	1005	1012	rVB7	2333	5891	0.36%	0.032%
19	7.312	1012	1021	1029	rBV	200729	444110	27.17%	2.438%
20	7.482	1041	1049	1058	rBV4	1818	4634	0.28%	0.025%
21	7.964	1118	1128	1136	rBV6	2842	8757	0.54%	0.048%
22	8.330	1182	1188	1199	rVV	95682	164928	10.09%	0.905%
23	8.598	1225	1232	1234	rBV3	2938	5567	0.34%	0.031%
24	8.653	1234	1241	1248	rVV	490576	794921	48.62%	4.363%
25	8.720	1248	1252	1257	rVV	22449	34035	2.08%	0.187%
26	8.952	1285	1290	1300	rVV	59501	103909	6.36%	0.570%
27	9.104	1310	1315	1323	rVV7	2737	5436	0.33%	0.030%
28	9.281	1338	1344	1349	rBV2	9768	18785	1.15%	0.103%
29	9.403	1357	1364	1375	rBV	263376	484288	29.62%	2.658%
30	9.500	1375	1380	1385	rVV5	9255	18482	1.13%	0.101%
31	9.561	1386	1390	1395	rVB4	4536	8646	0.53%	0.047%
32	9.622	1395	1400	1404	rBV4	3417	6204	0.38%	0.034%
33	9.762	1417	1423	1428	rBV5	4047	6664	0.41%	0.037%
34	9.829	1428	1434	1439	rBV6	6992	17162	1.05%	0.094%
35	9.903	1442	1446	1451	rVB2	19758	29477	1.80%	0.162%
36	10.012	1458	1464	1466	rBV	20534	28811	1.76%	0.158%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
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Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

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	10.055	1466	1471	1481	rVB	408887	624691	38.21%	3.429%
38	10.195	1487	1494	1500	rBV	261967	357223	21.85%	1.961%
39	10.305	1503	1512	1518	rVV	789447	1144538	70.01%	6.282%
40	10.354	1518	1520	1531	rVB4	8187	17642	1.08%	0.097%
41	10.457	1532	1537	1542	rVB5	3292	4939	0.30%	0.027%
42	10.537	1545	1550	1551	rBV3	4007	5721	0.35%	0.031%
43	10.585	1552	1558	1562	rBV3	30922	46409	2.84%	0.255%
44	10.646	1562	1568	1577	rVV	212524	313324	19.17%	1.720%
45	10.713	1577	1579	1582	rVB3	11116	11548	0.71%	0.063%
46	10.756	1582	1586	1587	rBV3	10141	13144	0.80%	0.072%
47	10.780	1587	1590	1594	rVB	48189	57948	3.54%	0.318%
48	10.829	1594	1598	1599	rBV3	8807	11404	0.70%	0.063%
49	10.860	1599	1603	1606	rVV3	31745	46185	2.83%	0.254%
50	10.896	1606	1609	1613	rVB	23568	31642	1.94%	0.174%
51	10.963	1613	1620	1624	rBV	49413	79497	4.86%	0.436%
52	11.030	1624	1631	1634	rBV2	35610	52268	3.20%	0.287%
53	11.085	1634	1640	1642	rVV2	58092	88271	5.40%	0.485%
54	11.110	1642	1644	1650	rVB2	58655	81839	5.01%	0.449%
55	11.195	1650	1658	1665	rBV2	397199	599316	36.66%	3.290%
56	11.305	1672	1676	1681	rBV	74751	104934	6.42%	0.576%
57	11.384	1684	1689	1695	rVV	201720	360187	22.03%	1.977%
58	11.457	1695	1701	1710	rVB	168047	300331	18.37%	1.648%
59	11.616	1722	1727	1734	rBV2	83597	161106	9.85%	0.884%
60	11.683	1735	1738	1741	rVV2	44498	55941	3.42%	0.307%
61	11.713	1741	1743	1746	rVV	114098	134171	8.21%	0.736%
62	11.756	1746	1750	1760	rVB	590587	793494	48.54%	4.355%
63	11.841	1760	1764	1766	rBV	53715	72561	4.44%	0.398%
64	11.890	1770	1772	1776	rVB2	44242	51511	3.15%	0.283%
65	11.939	1776	1780	1783	rBV2	70845	102379	6.26%	0.562%
66	11.975	1783	1786	1789	rVB3	38344	40856	2.50%	0.224%
67	12.024	1789	1794	1800	rBV2	538953	747544	45.73%	4.103%
68	12.091	1800	1805	1809	rVV2	98750	186973	11.44%	1.026%
69	12.177	1817	1819	1826	rVB2	64940	80382	4.92%	0.441%
70	12.250	1826	1831	1833	rBV2	88076	141196	8.64%	0.775%
71	12.323	1837	1843	1849	rVB	728626	998995	61.11%	5.483%
72	12.420	1855	1859	1863	rBV4	61938	83111	5.08%	0.456%
73	12.469	1863	1867	1873	rVB2	62866	110954	6.79%	0.609%
74	12.536	1874	1878	1879	rBV	71468	81821	5.00%	0.449%
75	12.616	1888	1891	1894	rVB	50767	47721	2.92%	0.262%
76	12.683	1899	1902	1906	rBV2	36331	54894	3.36%	0.301%

LSC Area Percent Report

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Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

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	12.896	1932	1937	1938	rBV2	53900	77573	4.75%	0.426%
78	12.969	1946	1949	1955	rVB2	96362	147721	9.04%	0.811%
79	13.042	1958	1961	1965	rVB2	47926	55701	3.41%	0.306%
80	13.213	1986	1989	1992	rBV2	16597	16872	1.03%	0.093%
81	13.268	1993	1998	2000	rVV	107377	142684	8.73%	0.783%
82	13.292	2000	2002	2008	rVB3	92329	129411	7.92%	0.710%
83	13.384	2014	2017	2020	rBV2	42140	52298	3.20%	0.287%
84	13.420	2021	2023	2027	rVB3	26660	33348	2.04%	0.183%
85	13.506	2033	2037	2041	rBV6	16994	29590	1.81%	0.162%
86	13.585	2047	2050	2056	rVB4	28064	48080	2.94%	0.264%
87	13.737	2073	2075	2077	rBV3	17395	16412	1.00%	0.090%
88	13.780	2077	2082	2088	rVB	1273558	1634827	100.00%	8.973%
89	13.847	2088	2093	2095	rBV2	43916	69532	4.25%	0.382%
90	14.042	2121	2125	2128	rBV	96866	102939	6.30%	0.565%
91	14.079	2128	2131	2133	rBV2	17734	20340	1.24%	0.112%
92	14.219	2151	2154	2161	rVB3	32251	59043	3.61%	0.324%
93	14.640	2216	2223	2228	rBV	732426	900873	55.11%	4.945%
94	14.780	2239	2246	2255	rVB2	511706	750545	45.91%	4.120%
95	15.207	2313	2316	2321	rVB2	61675	80592	4.93%	0.442%
96	15.377	2340	2344	2347	rBV	35803	49355	3.02%	0.271%
97	15.481	2356	2361	2368	rBV2	96147	173724	10.63%	0.954%
98	15.615	2378	2383	2387	rBV	115598	179240	10.96%	0.984%
99	15.652	2387	2389	2398	rVB	55059	78623	4.81%	0.432%
100	16.603	2541	2545	2550	rVB2	23342	39898	2.44%	0.219%

Sum of corrected areas: 18218670

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
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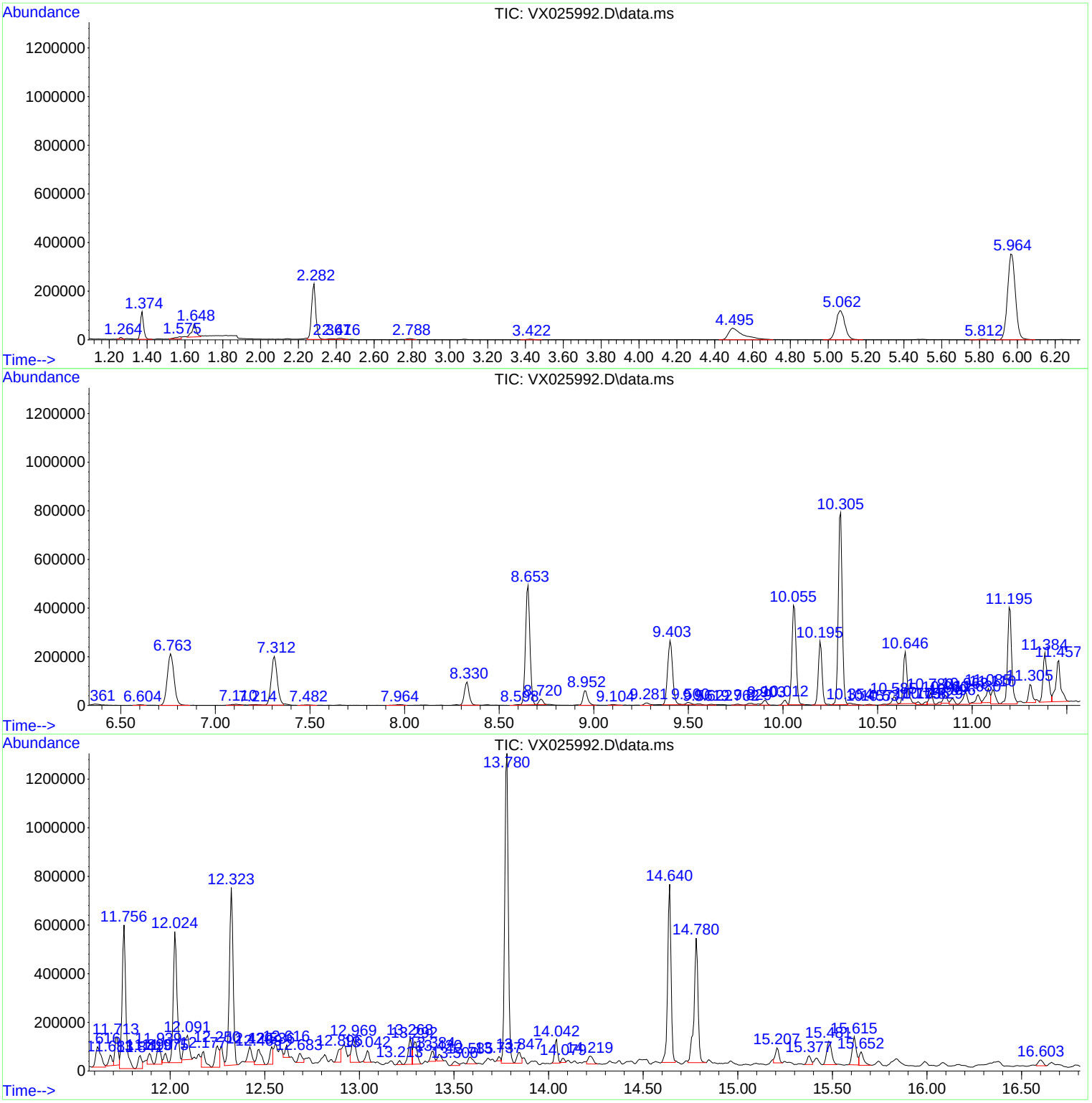
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

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\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

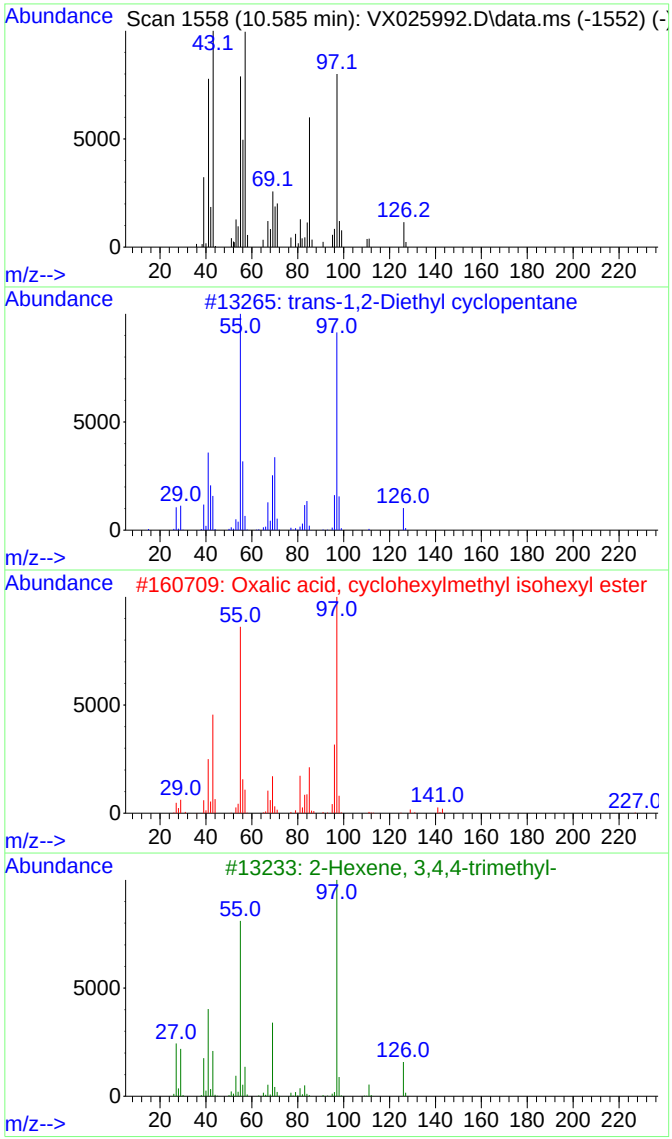
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

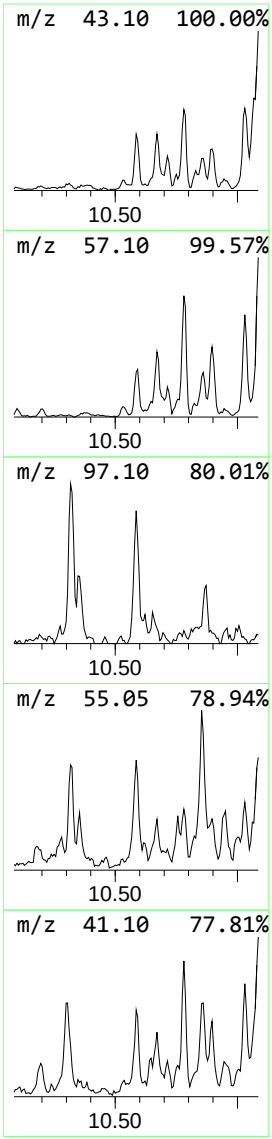
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic10.585 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.585	3.71 ug/L	46409	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	47
2	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	47
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	43
4	Oxirane, (2-methylbutyl)-	114	C7H14O	053229-42-8	43
5	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

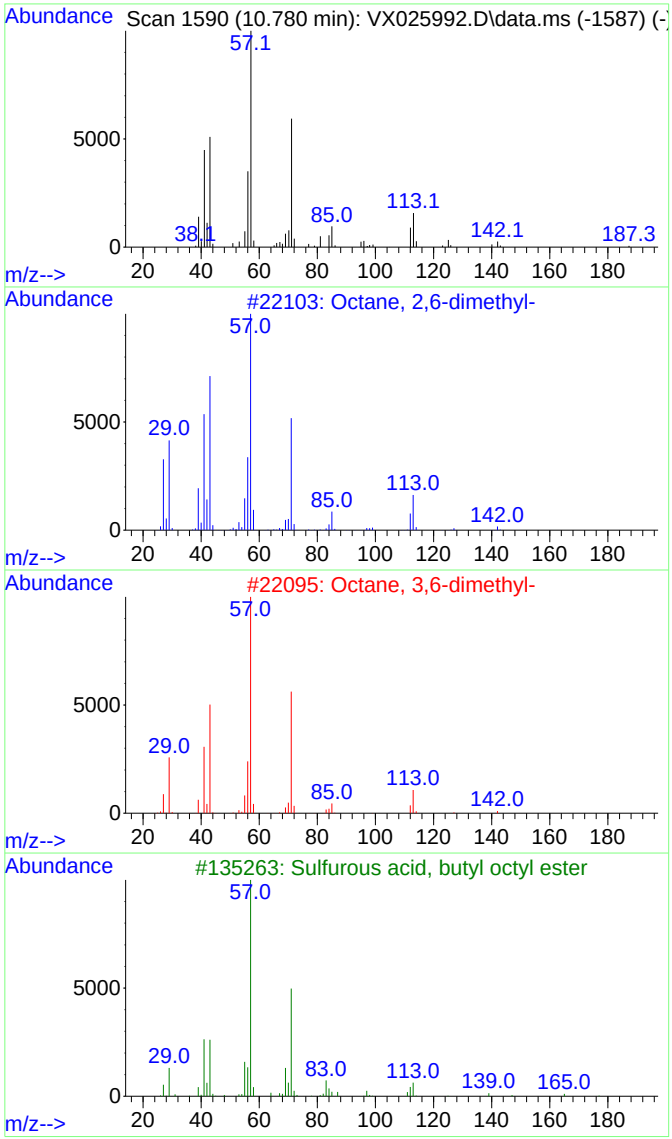
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

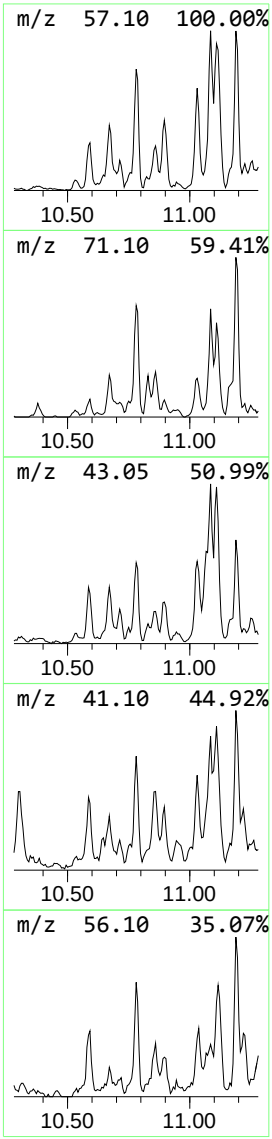
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.781	4.64 ug/L	57948	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
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Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

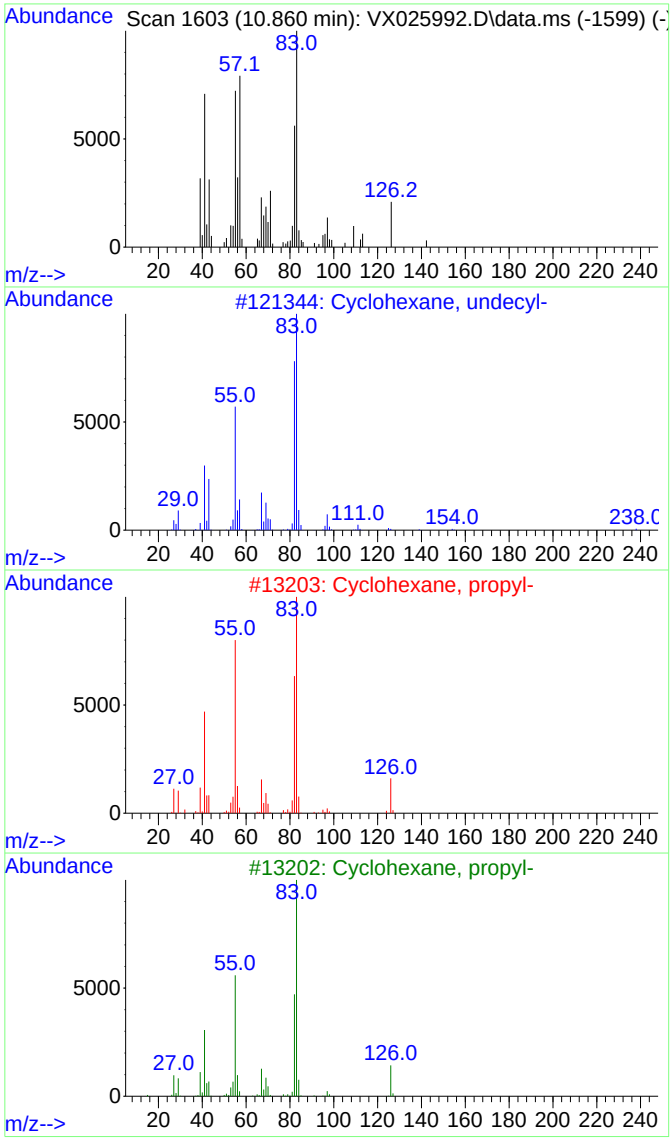
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

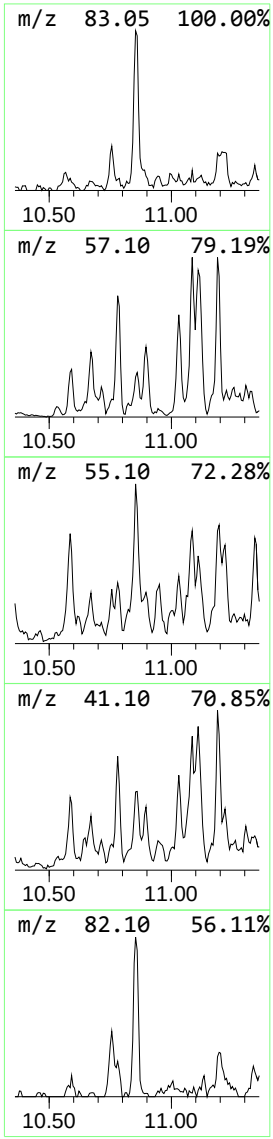
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic10.860 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.860	3.70 ug/L	46185	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

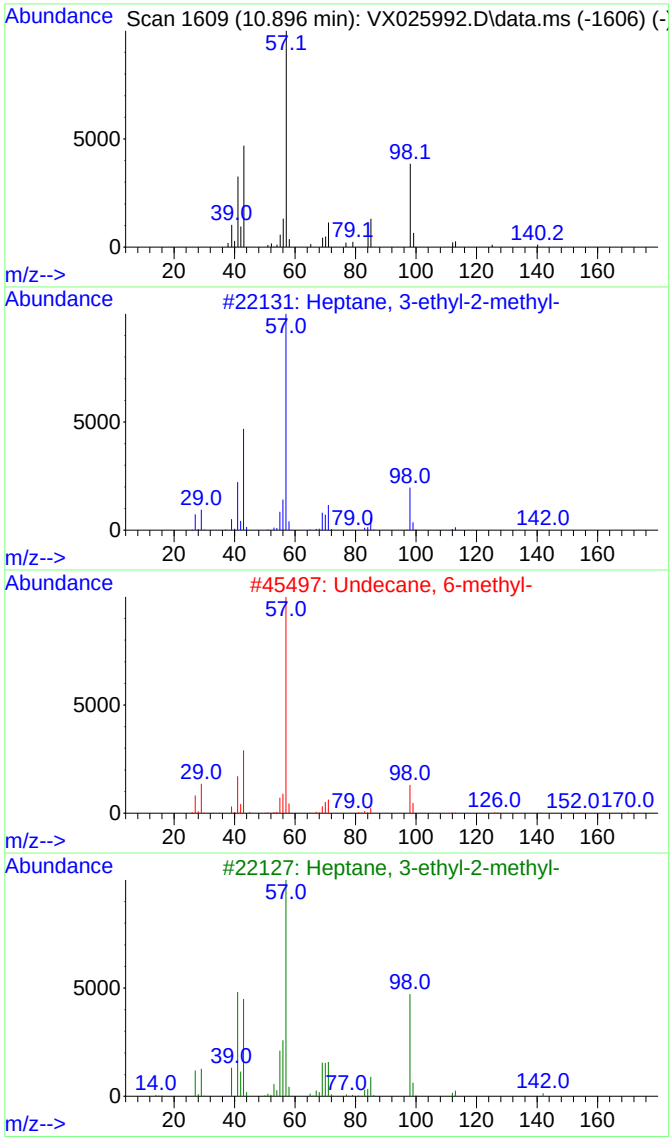
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

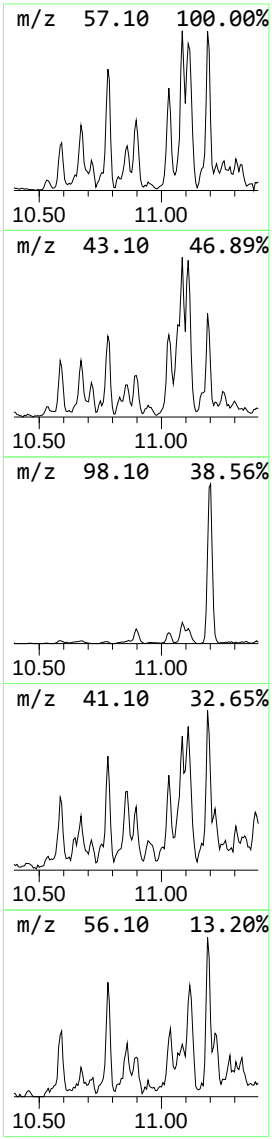
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.896	2.53 ug/L	31642	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
2	Undecane, 6-methyl-	170	C12H26	017302-33-9	50
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	42
5	Propanoic acid, 2,2-dimethyl-, o...	214	C13H26O2	027751-88-8	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

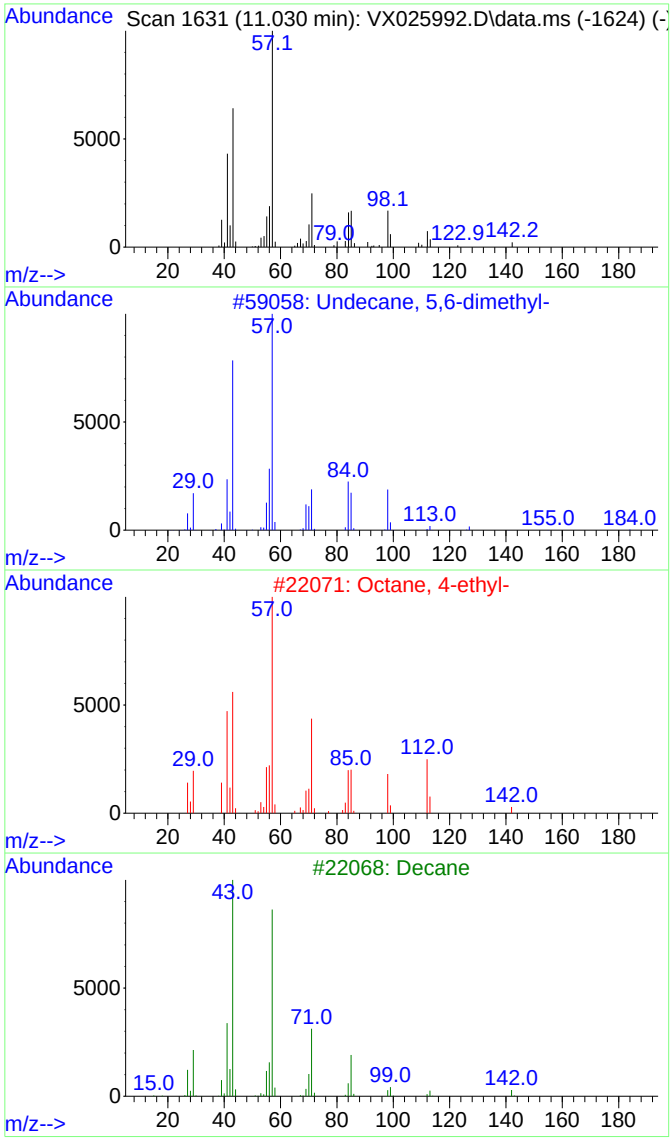
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

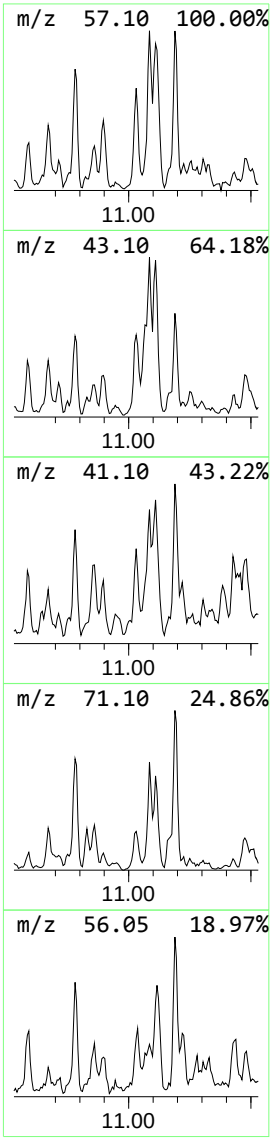
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.030	4.18 ug/L	52268	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	58
3	Decane	142	C10H22	000124-18-5	58
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	50
5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

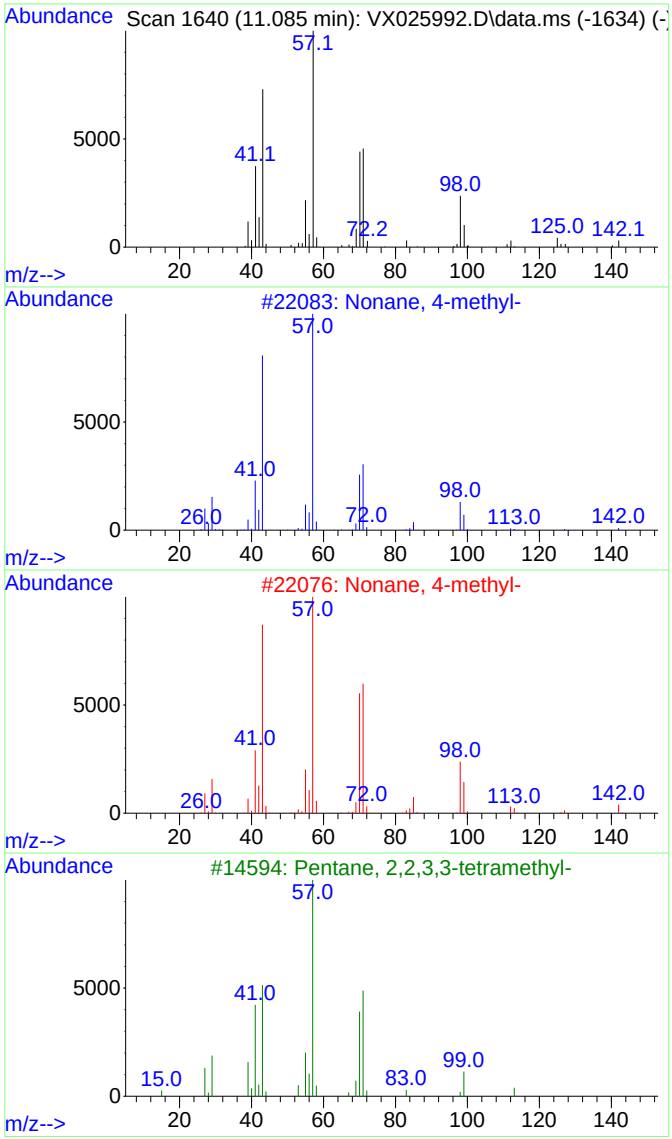
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

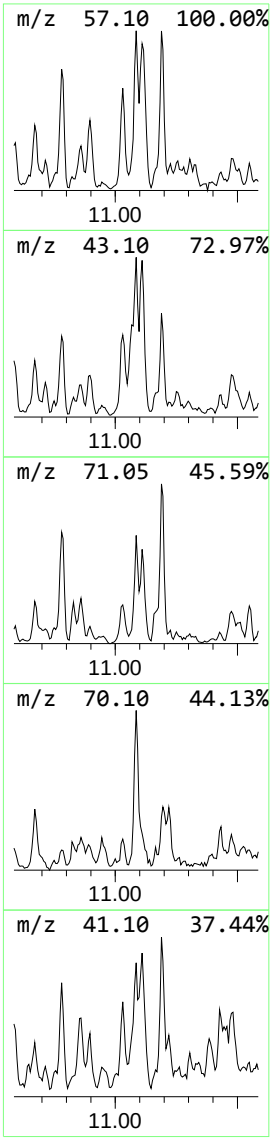
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	5.90 ug/L	88271	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

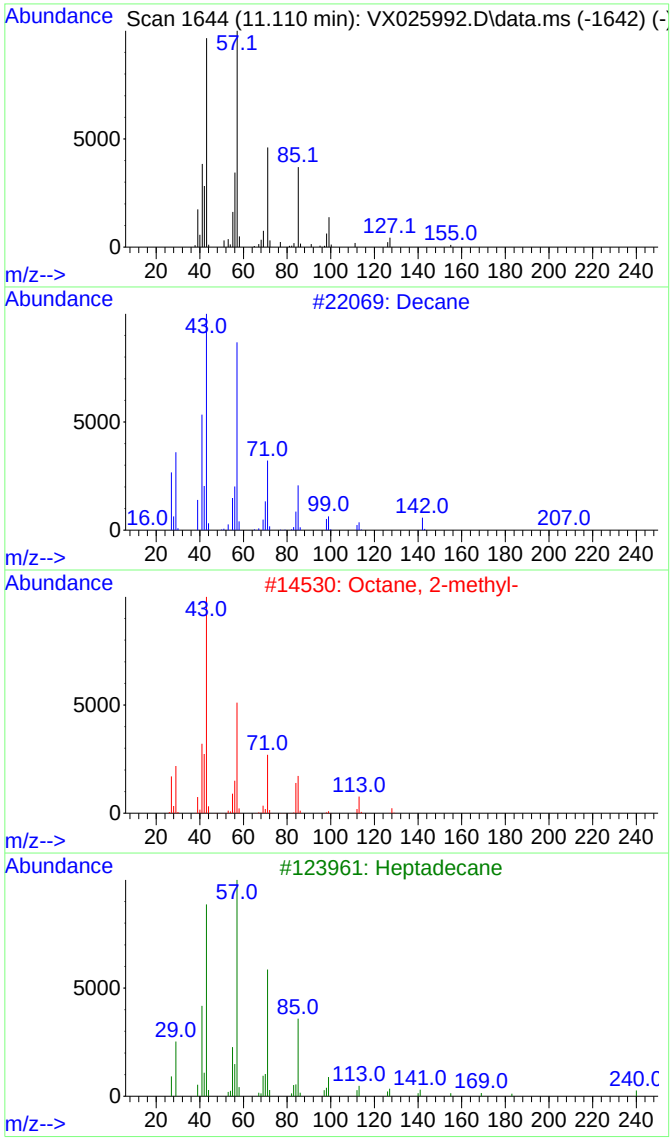
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

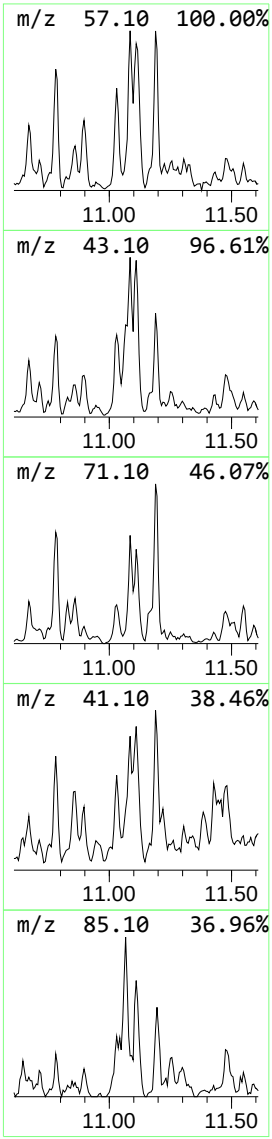
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.110	5.47 ug/L	81839	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	78
2	Octane, 2-methyl-	128	C9H20	003221-61-2	72
3	Heptadecane	240	C17H36	000629-78-7	72
4	Nonane	128	C9H20	000111-84-2	72
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

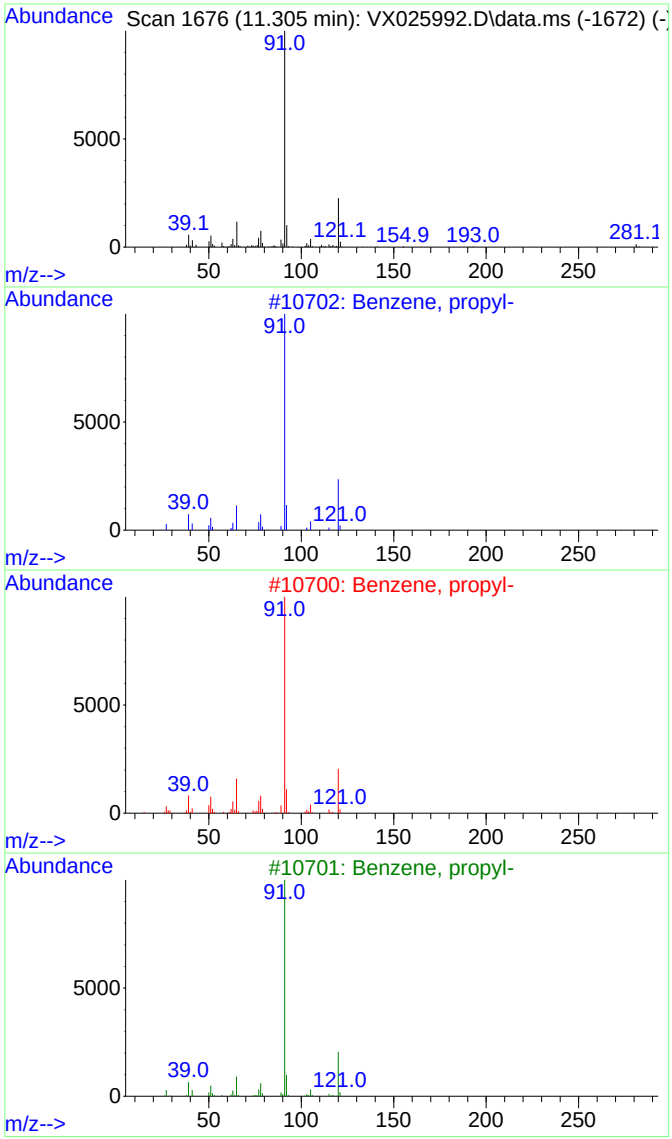
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

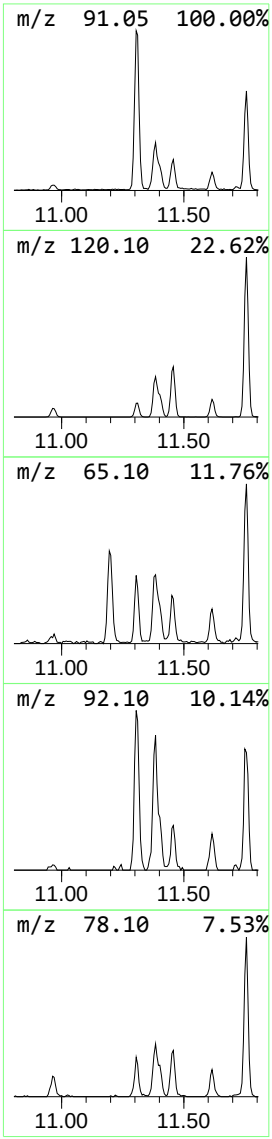
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.305	7.02 ug/L	104934	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	93
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	1-hexanol, 6-[(phenylmethyl)amino]-	207	C13H21NO	1000400-55-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

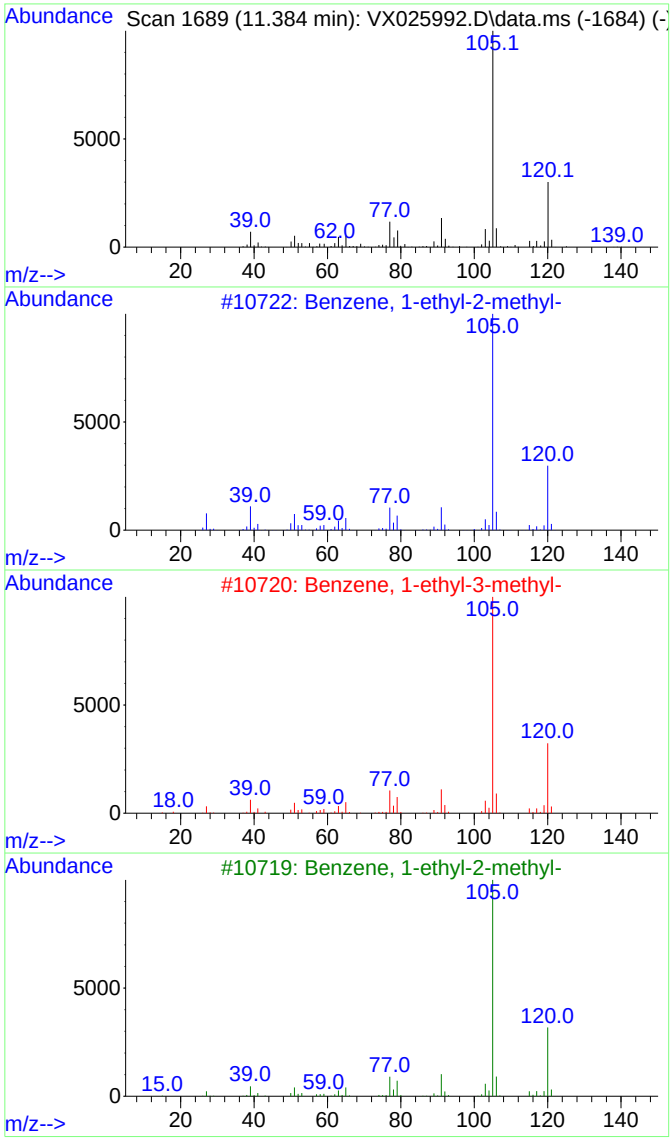
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

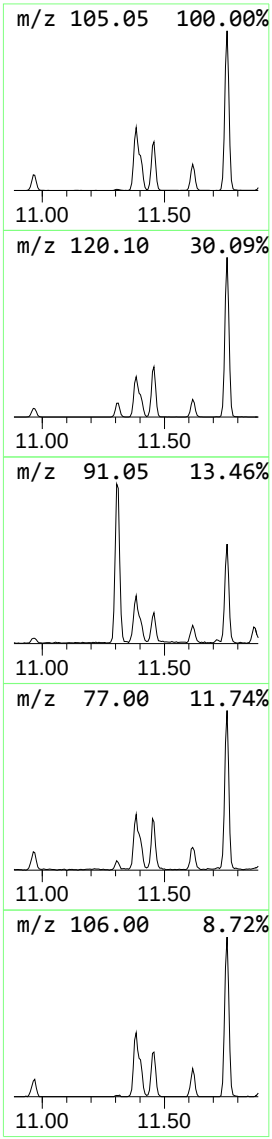
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	24.09 ug/L	360187	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	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

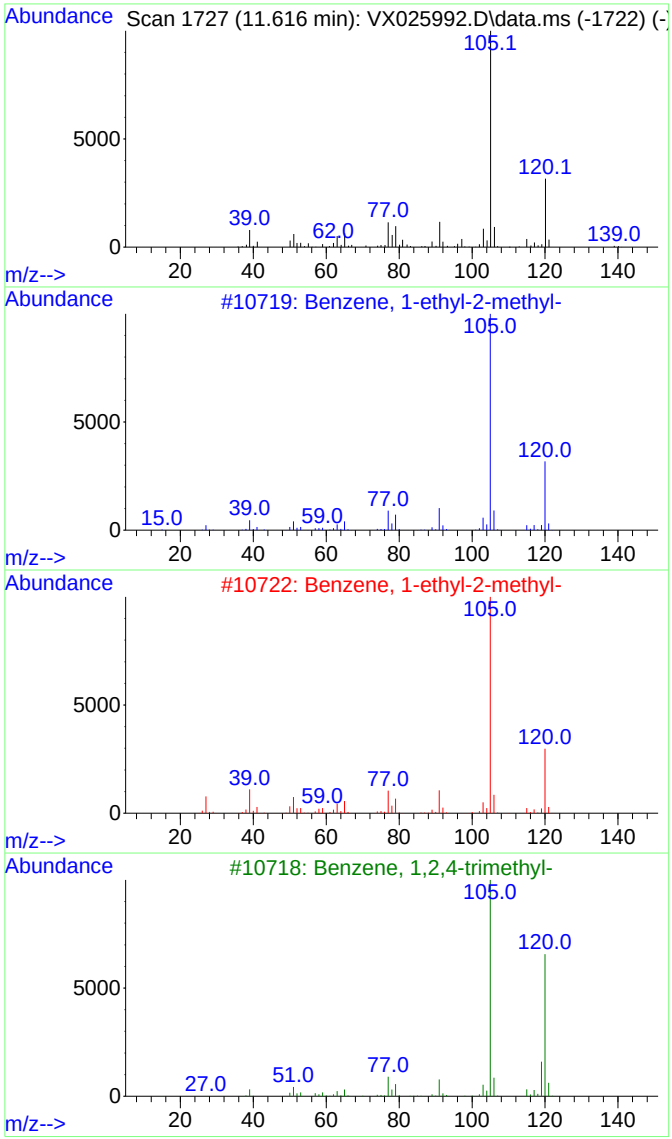
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

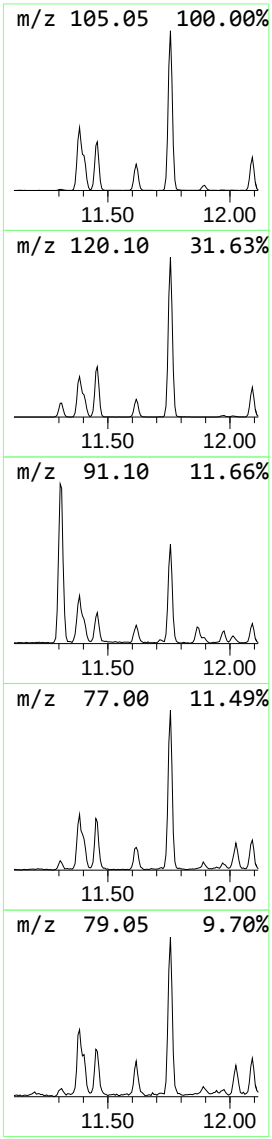
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	10.78 ug/L	161106	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	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

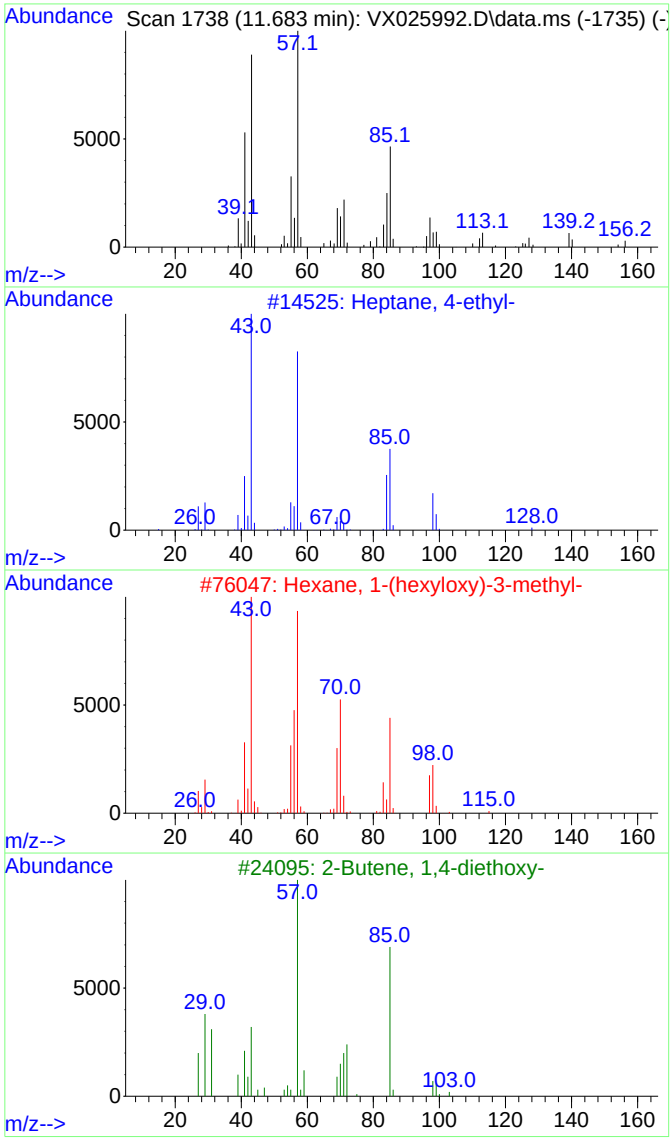
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

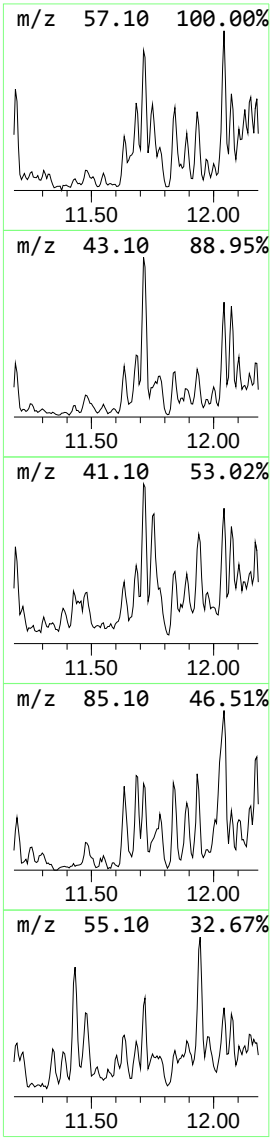
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.683	3.74 ug/L	55941	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	60
2	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	47
3	2-Butene, 1,4-diethoxy-	144	C8H16O2	007250-85-3	47
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	47
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

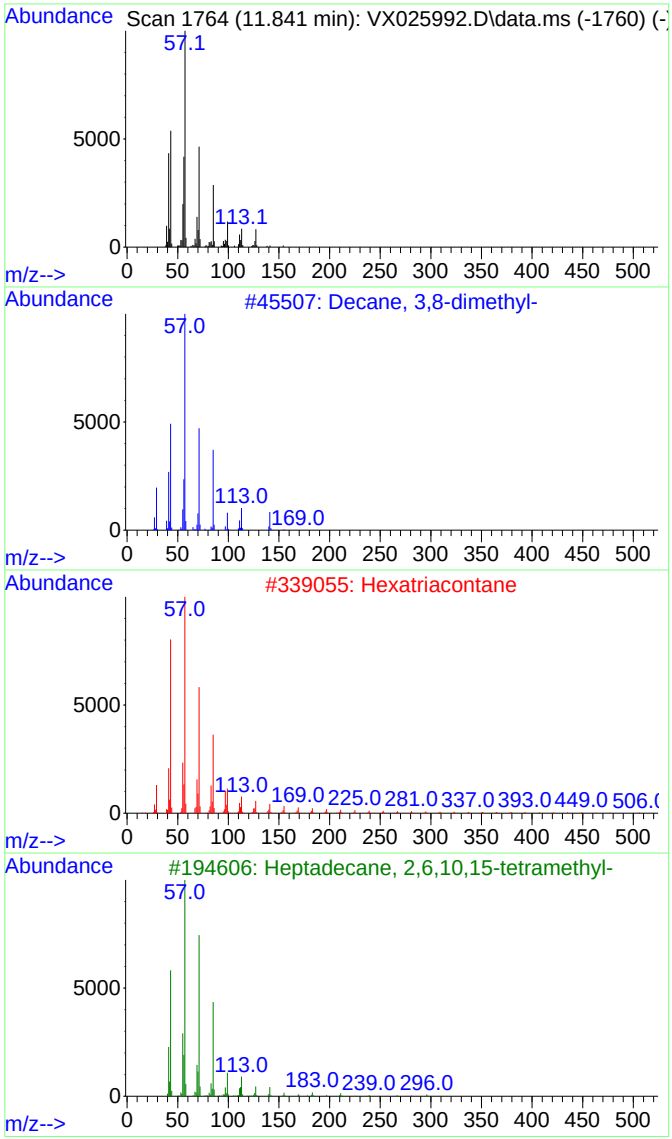
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

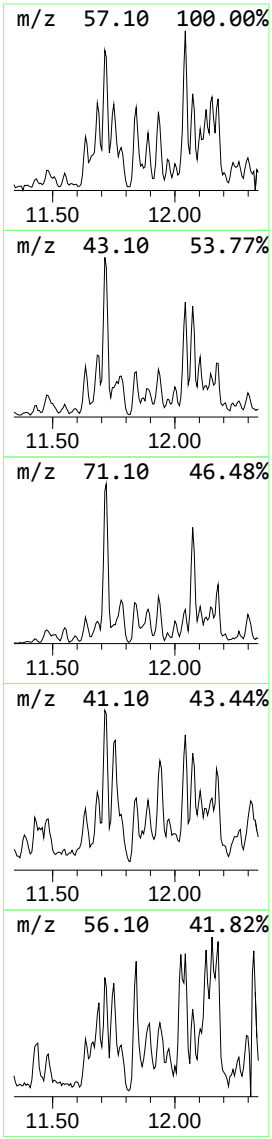
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	4.85 ug/L	72561	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	59
2	Hexatriacontane	507	C36H74	000630-06-8	59
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	47
5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

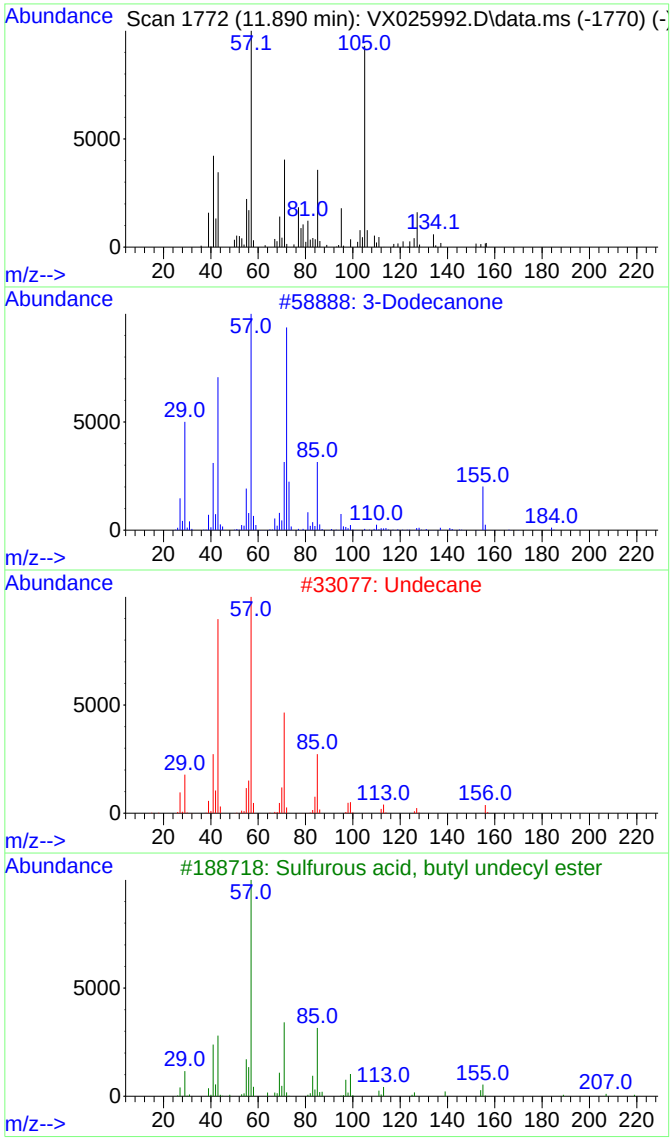
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

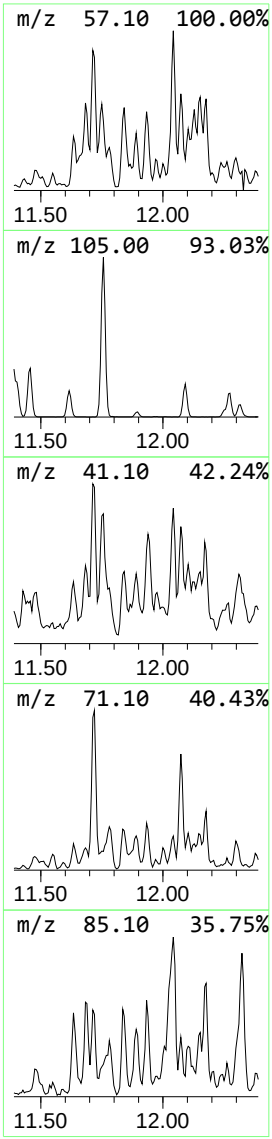
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3-Dodecanone Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	3.45 ug/L	51511	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dodecanone	184	C12H24O	001534-27-6	50
2	Undecane	156	C11H24	001120-21-4	47
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	43
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	43
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

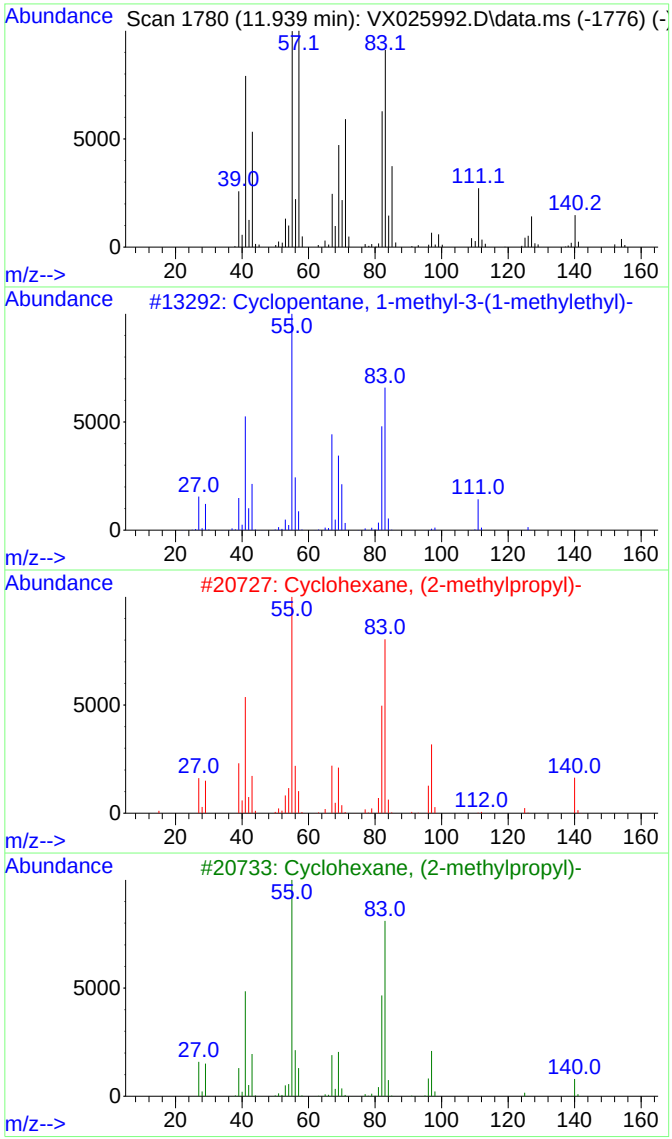
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

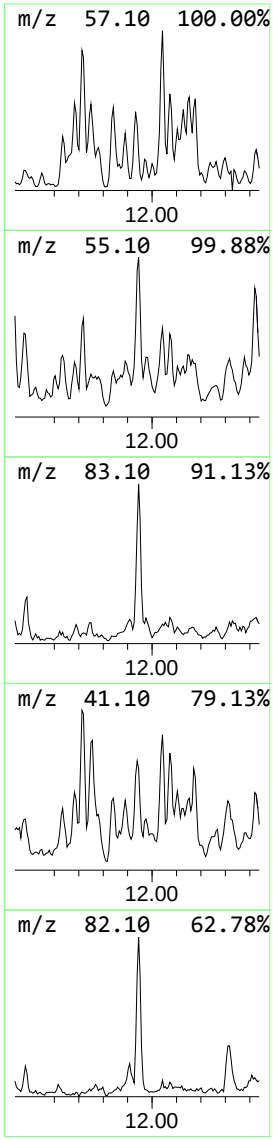
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic11.939 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	6.85 ug/L	102379	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	60
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	55
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	49
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

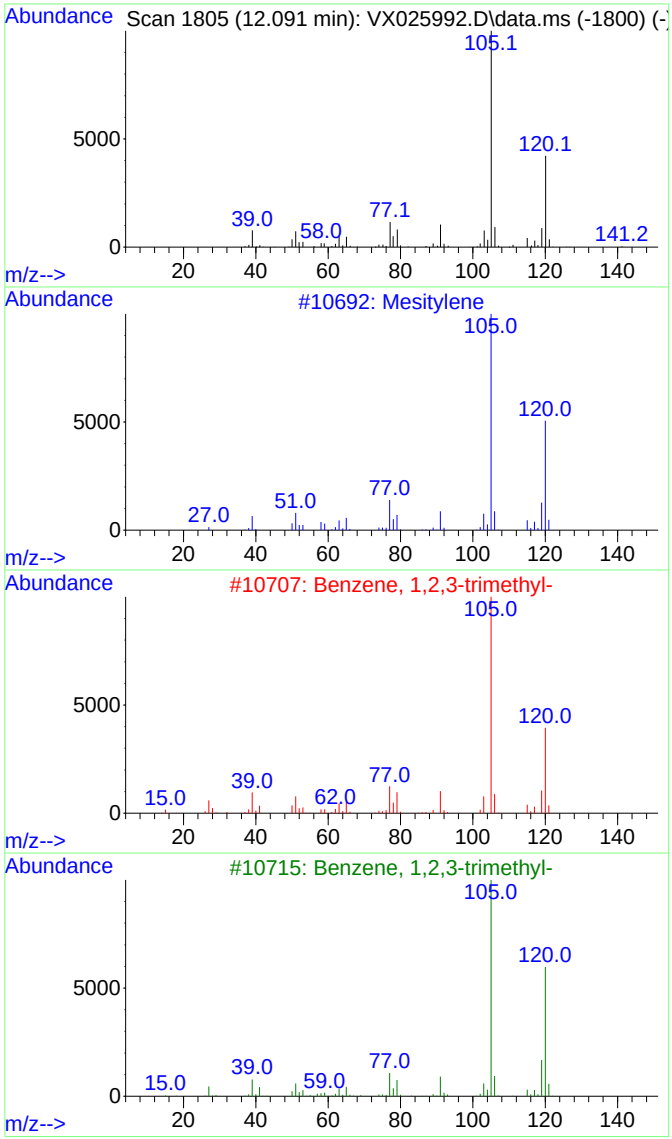
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

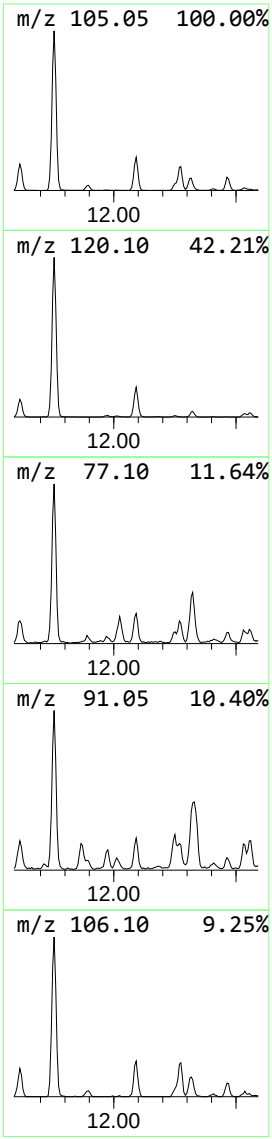
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	12.51 ug/L	186973	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	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

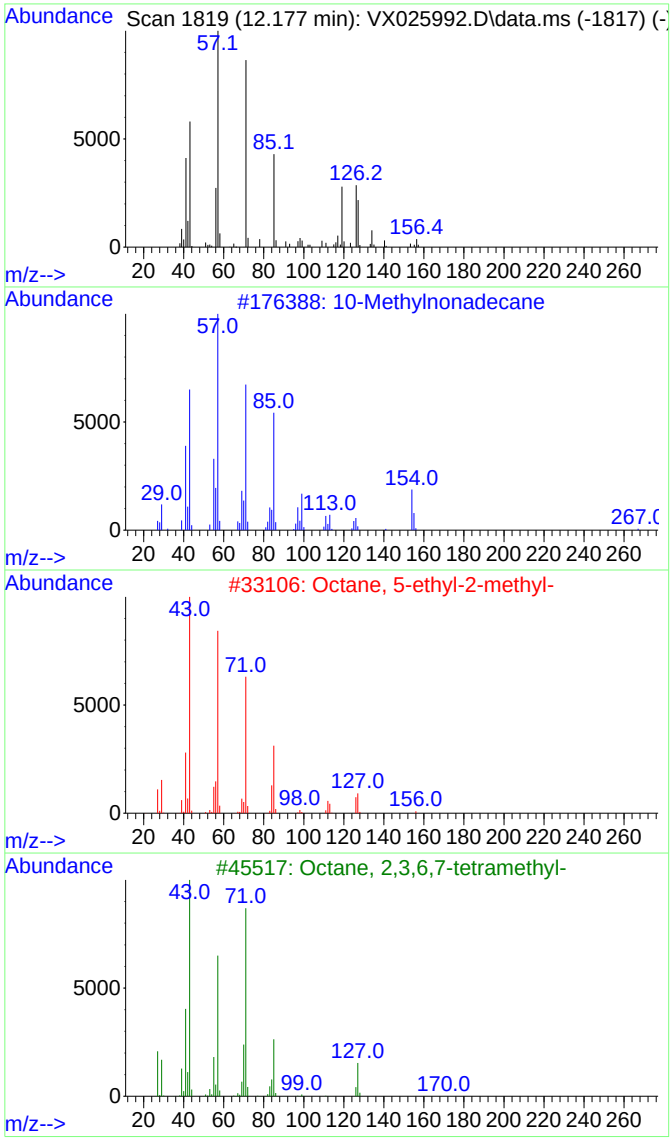
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

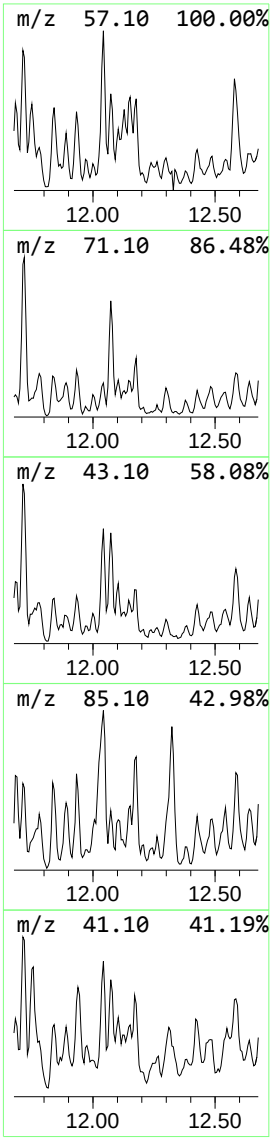
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.177	5.38 ug/L	80382	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	53
2	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	53
3	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	50
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
5	Decane, 3-methyl-	156	C11H24	013151-34-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

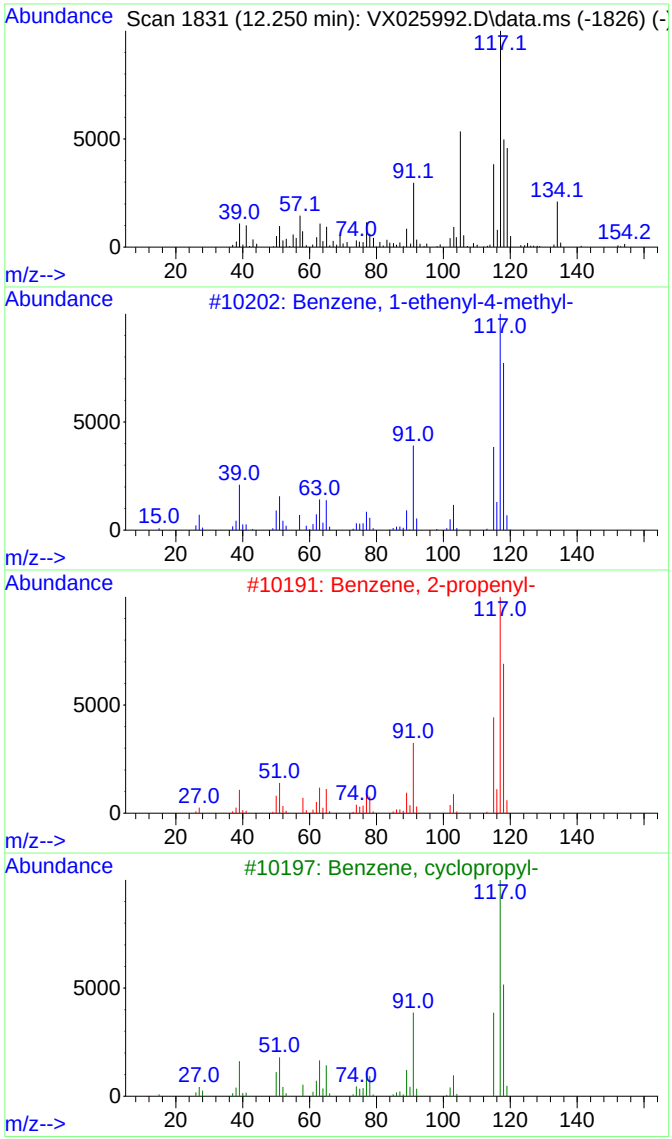
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

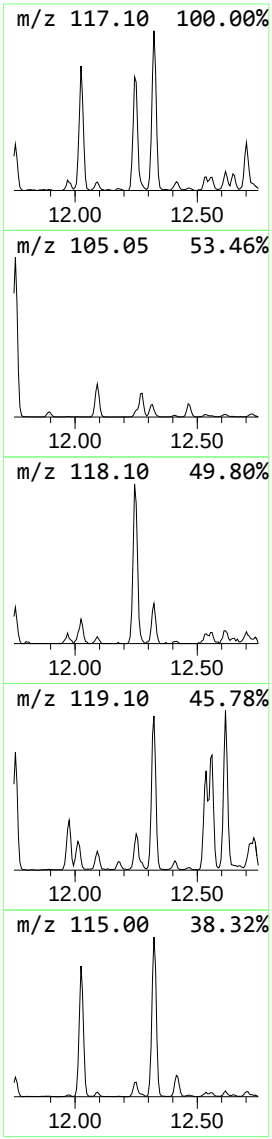
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethenyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.250	9.44 ug/L	141196	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
5	7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

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

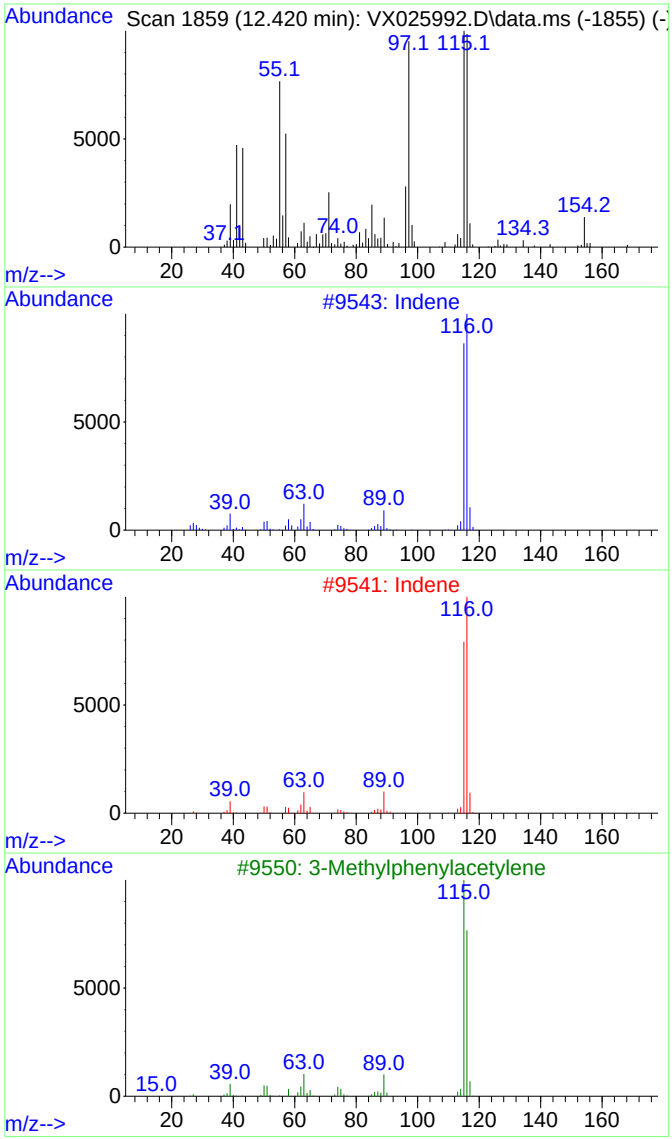
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

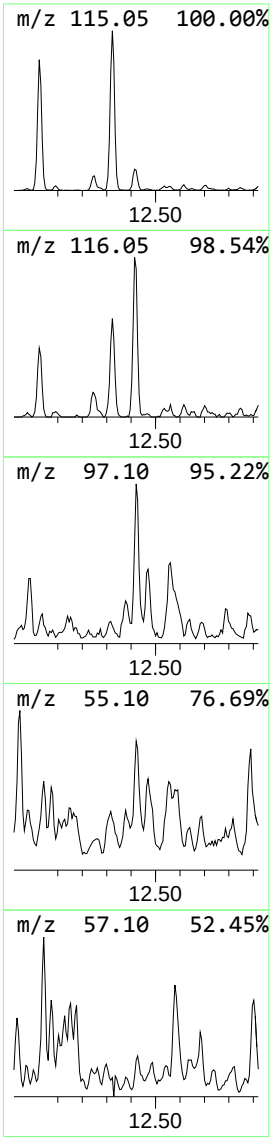
****

Peak Number 19 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.420	5.56 ug/L	83111	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	90
2	Indene	116	C9H8	000095-13-6	55
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	55
4	Indene	116	C9H8	000095-13-6	55
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

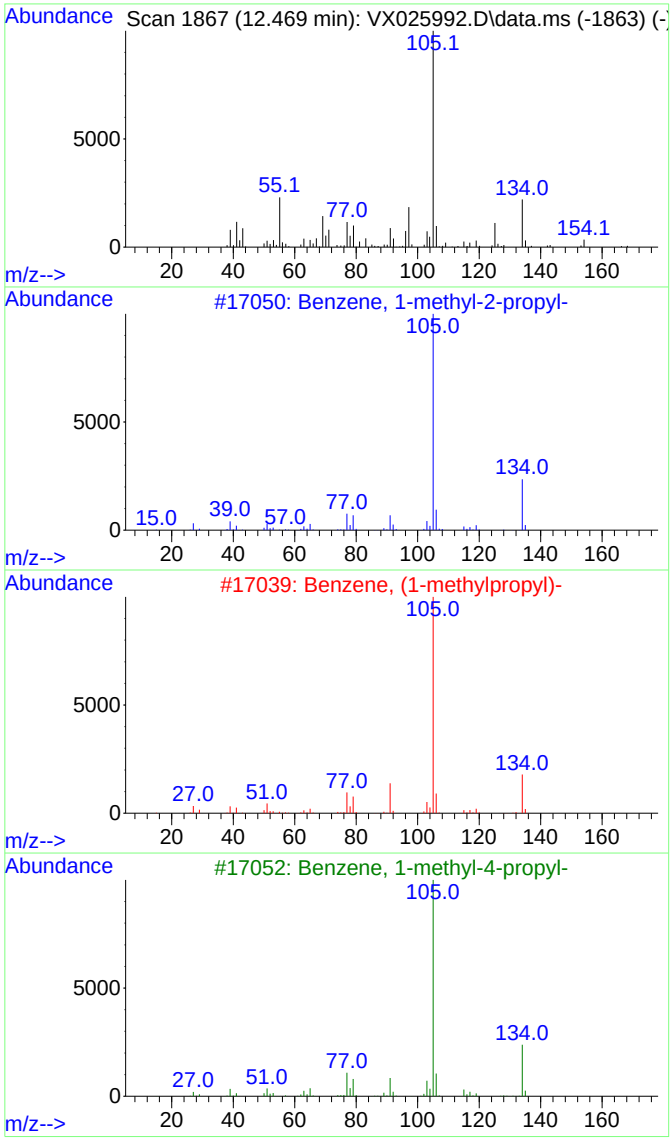
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

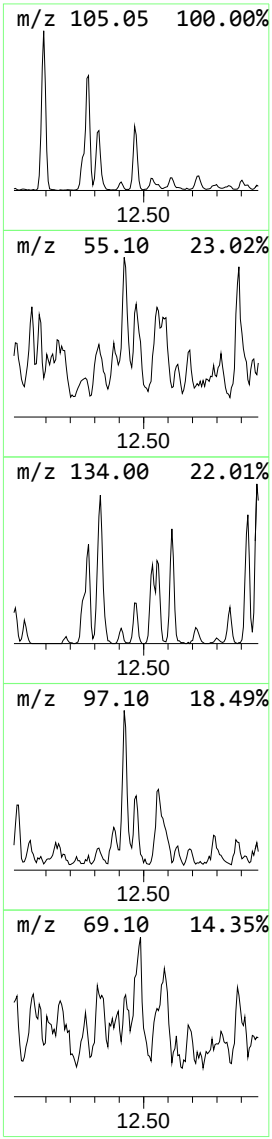
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-methyl-2-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	7.42 ug/L	110954	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	60
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

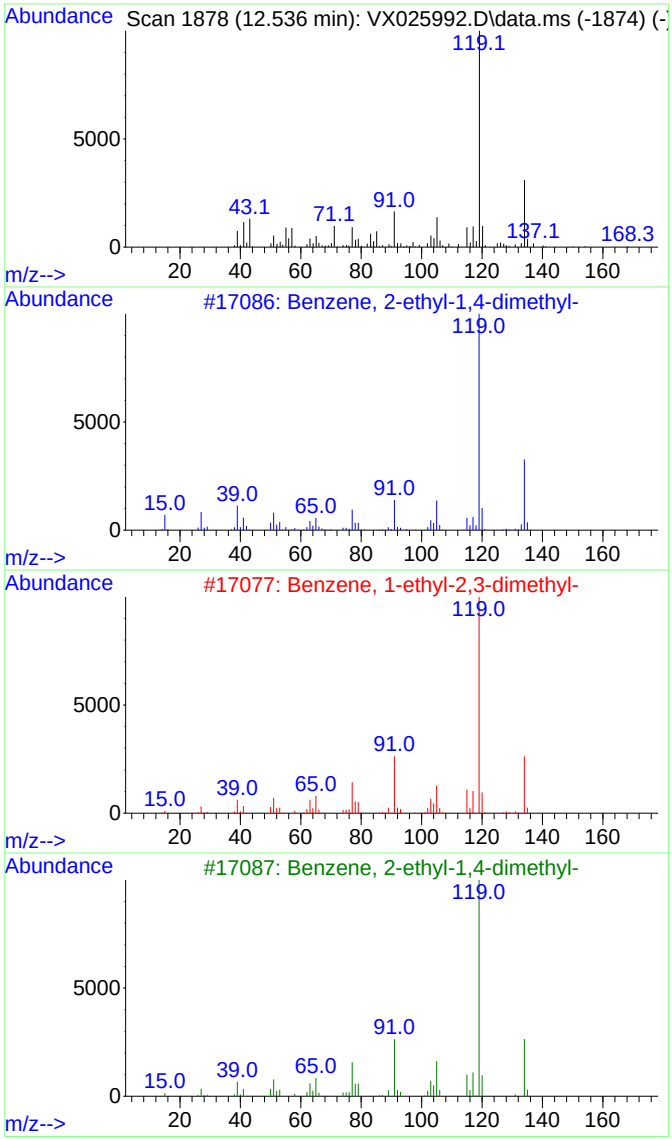
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

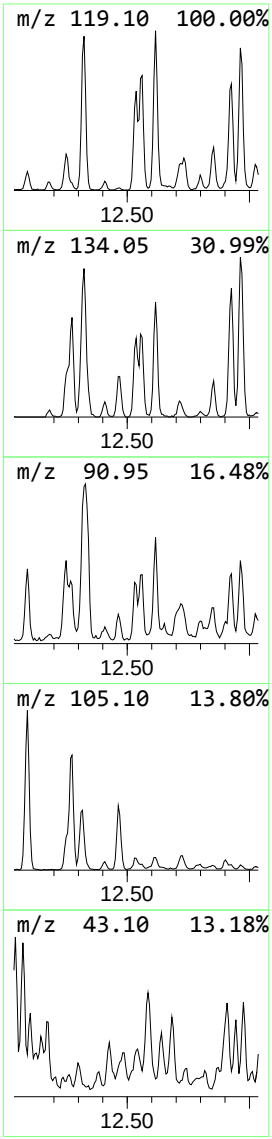
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	5.47 ug/L	81821	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, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

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

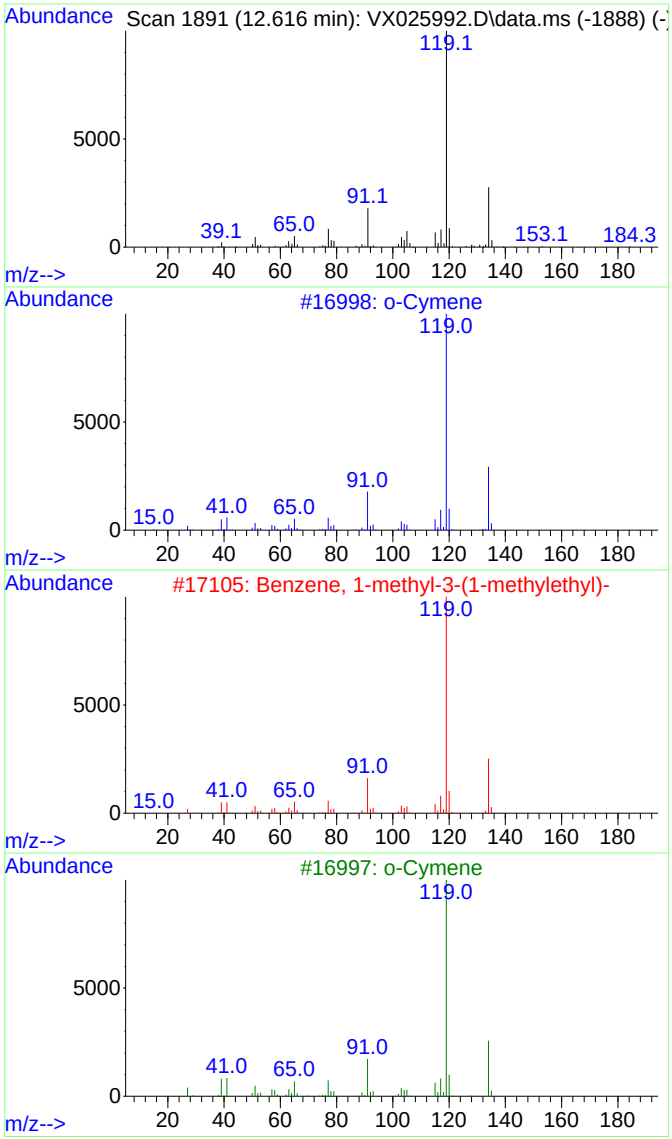
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

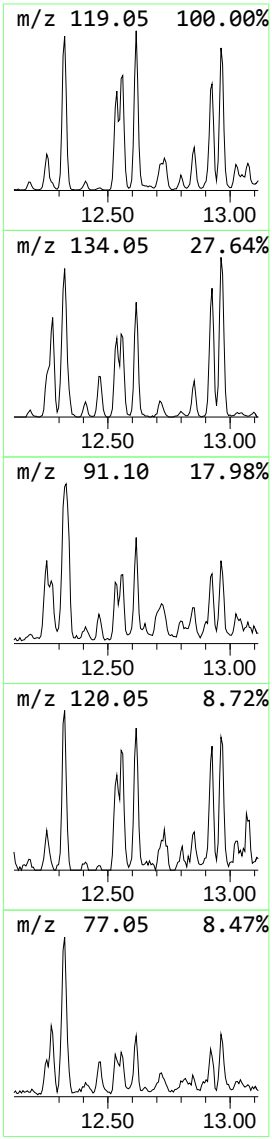
****

Peak Number 22 o-Cymene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.616	3.19 ug/L	47721	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

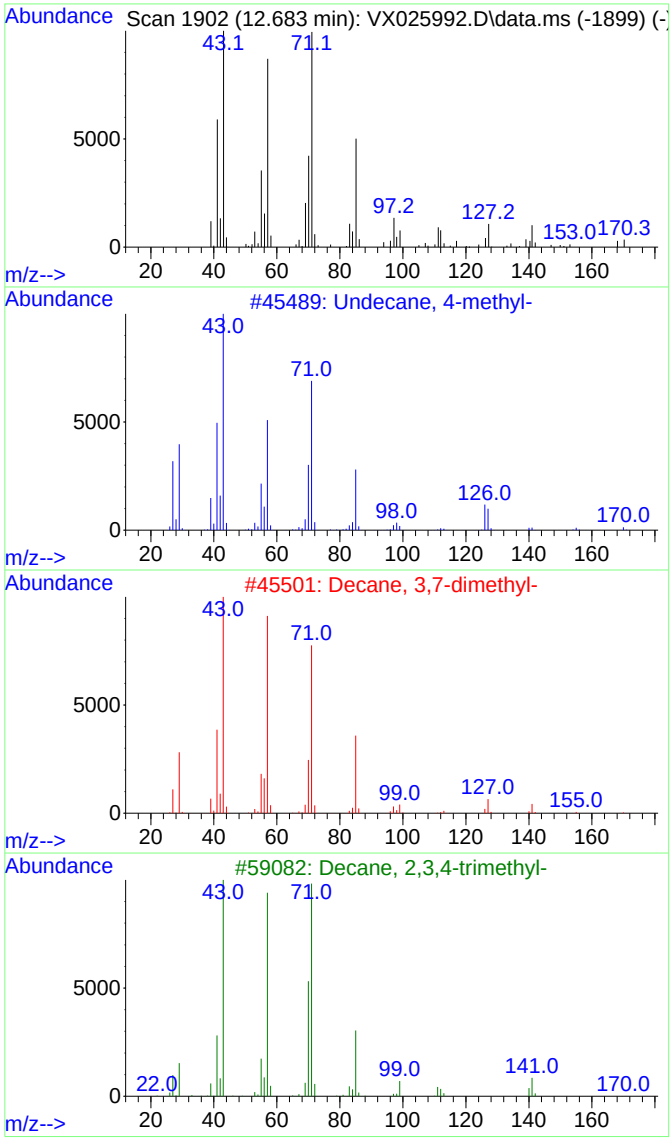
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

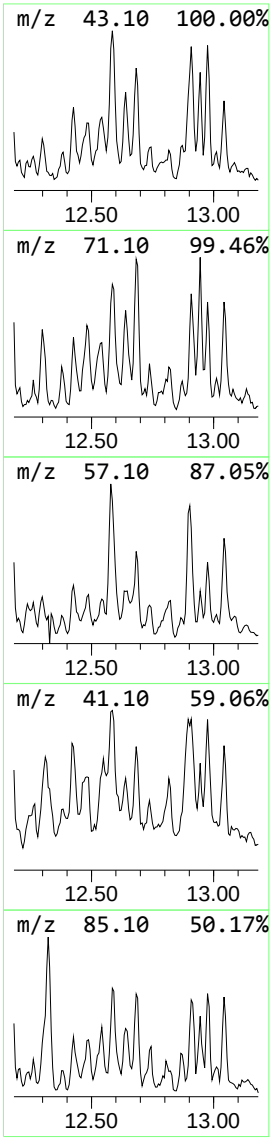
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.683	3.67 ug/L	54894	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	74
2	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	59
3	Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	59
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5	Heptacosane	380	C27H56	000593-49-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

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

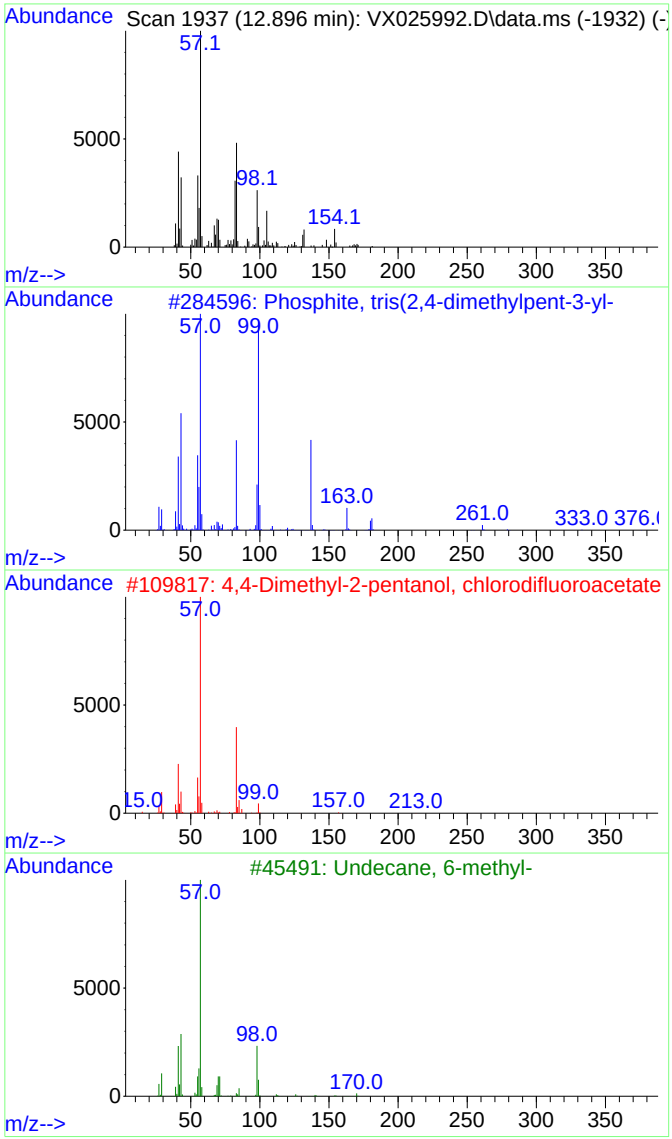
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

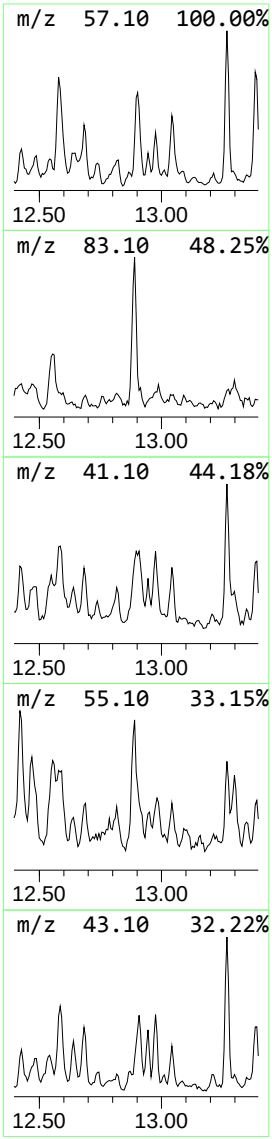
****

Peak Number 24 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.896	5.19 ug/L	77573	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphite, tris(2,4-dimethylpent...	376	C21H45O3P	1000159-84-4	38
2	4,4-Dimethyl-2-pentanol, chlorod...	228	C9H15ClF2O2	1000376-27-0	38
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	30
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	27
5	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

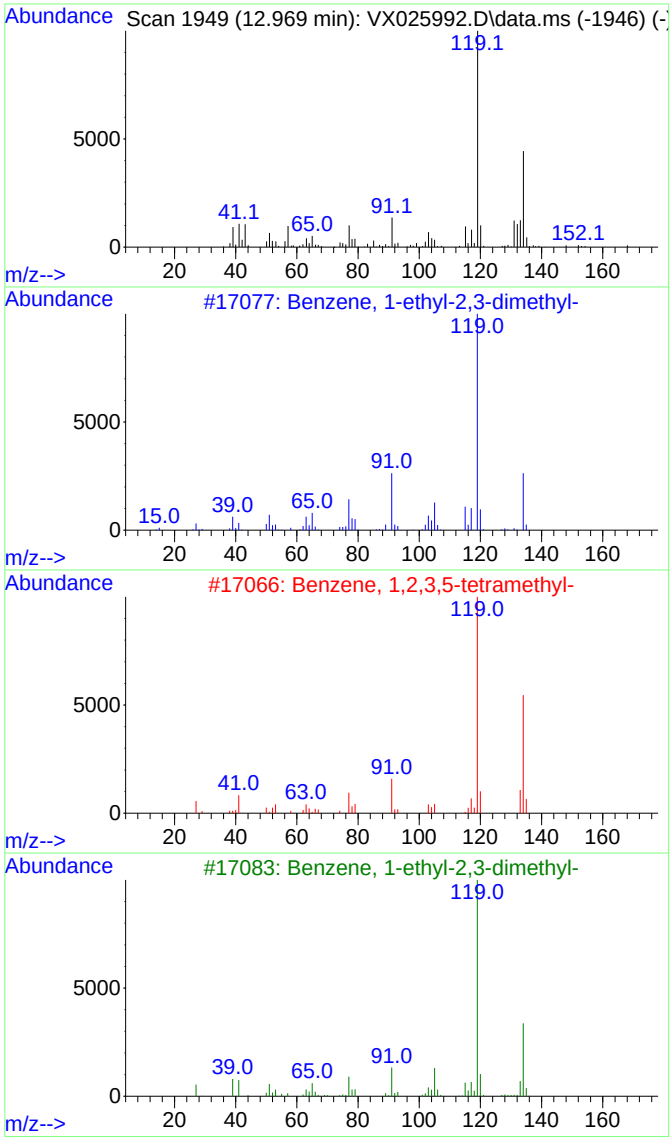
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

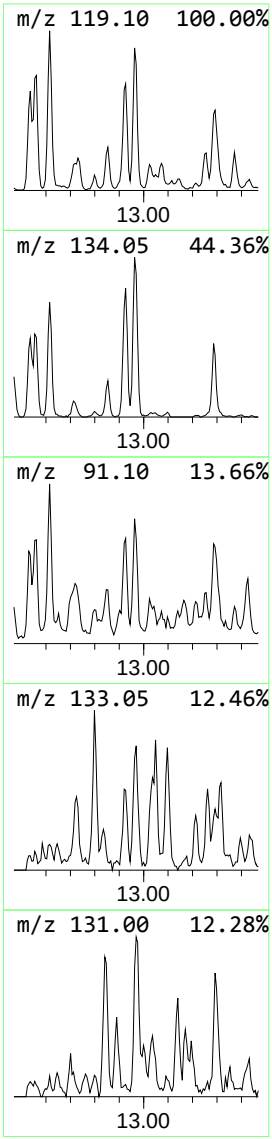
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	9.88 ug/L	147721	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

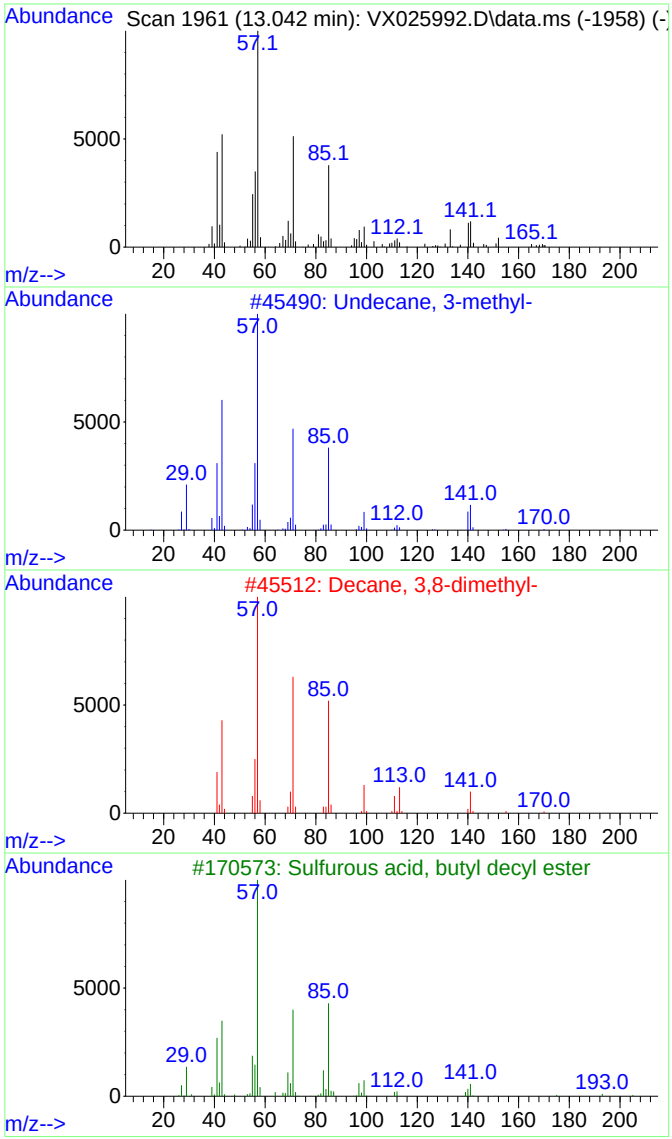
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

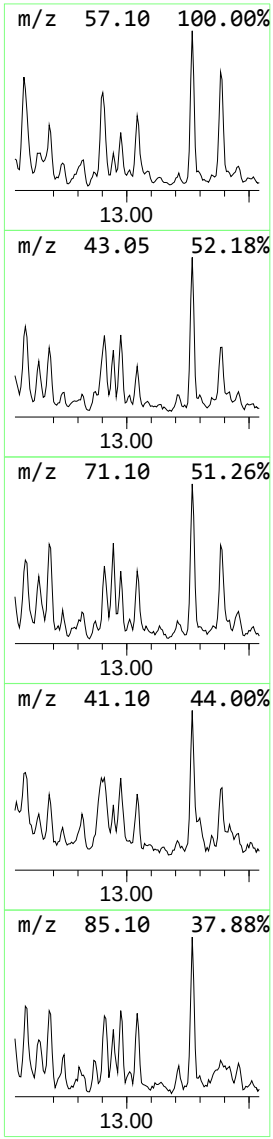
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.042	3.73 ug/L	55701	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	86
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
4	5-Ethyldecane	170	C12H26	017302-36-2	64
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

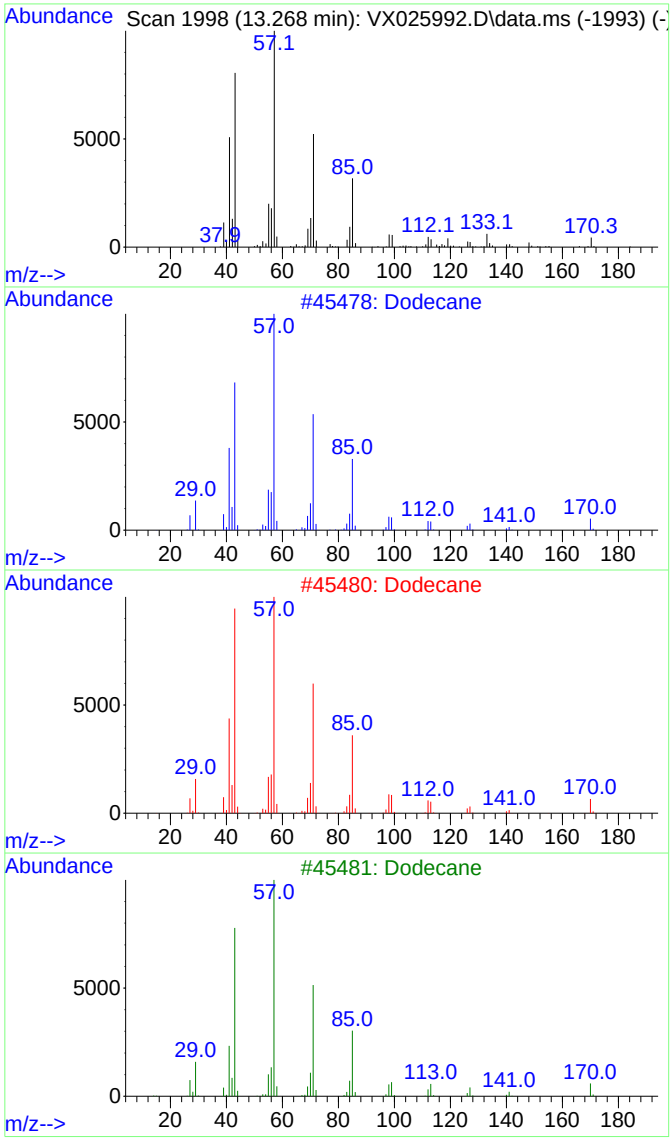
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

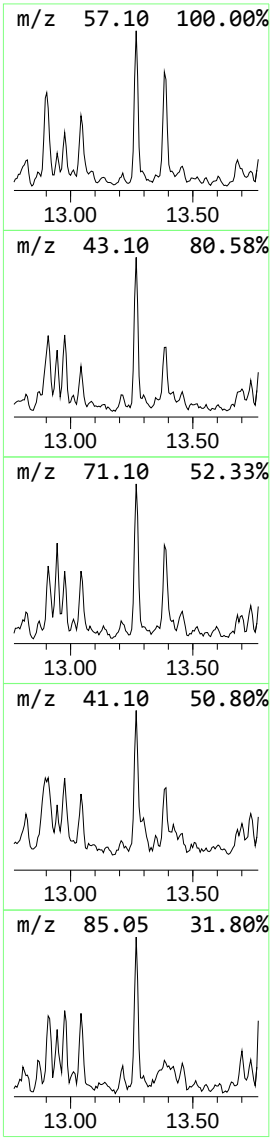
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	9.54 ug/L	142684	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Dodecane	170	C12H26	000112-40-3	93
3	Dodecane	170	C12H26	000112-40-3	87
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

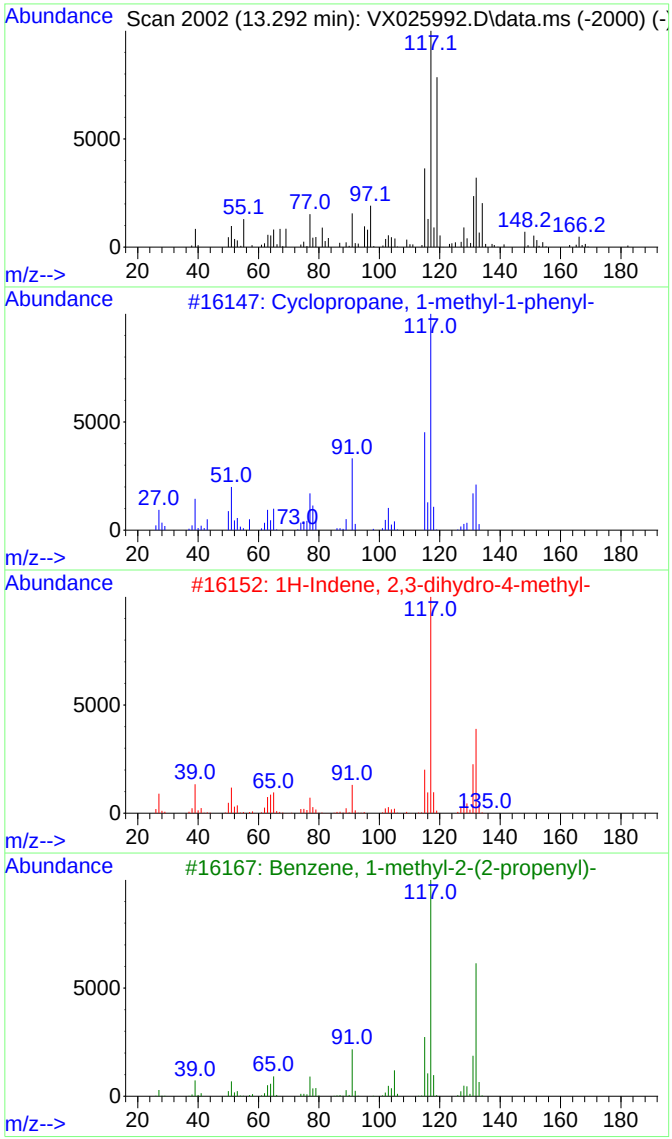
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

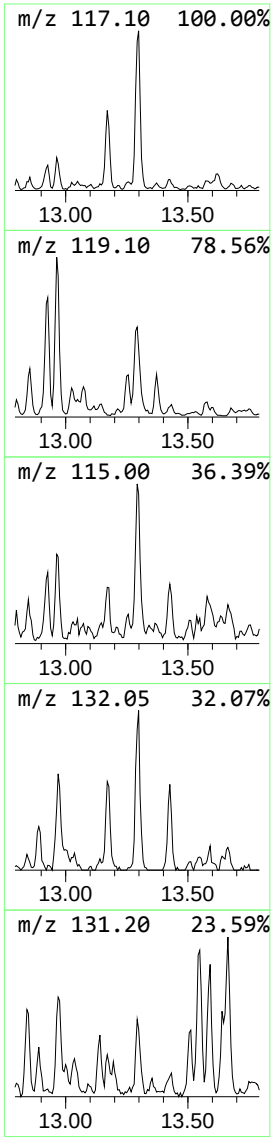
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclopropane, 1-methyl-1-ph... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	8.66 ug/L	129411	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	55
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50
5	2,4-Dimethylstyrene	132	C10H12	002234-20-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

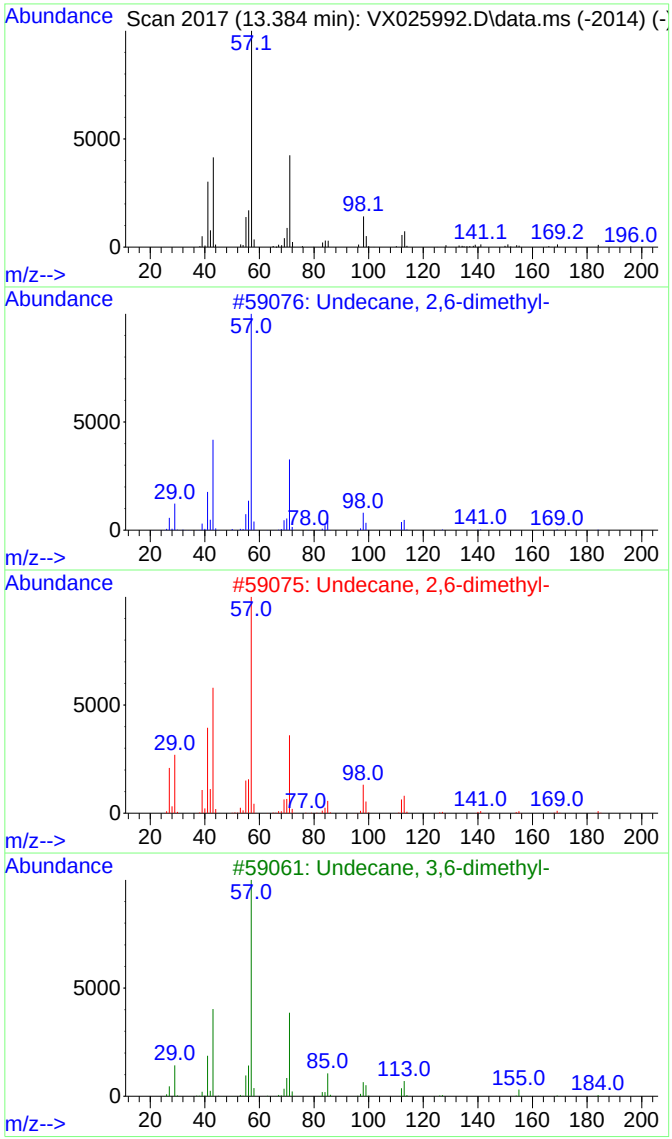
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

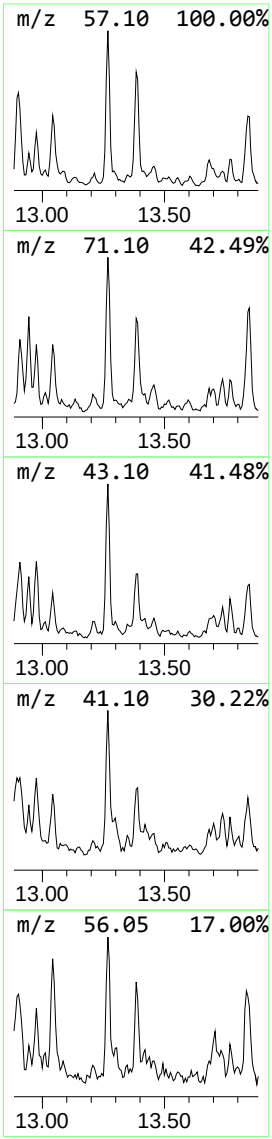
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	3.50 ug/L	52298	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

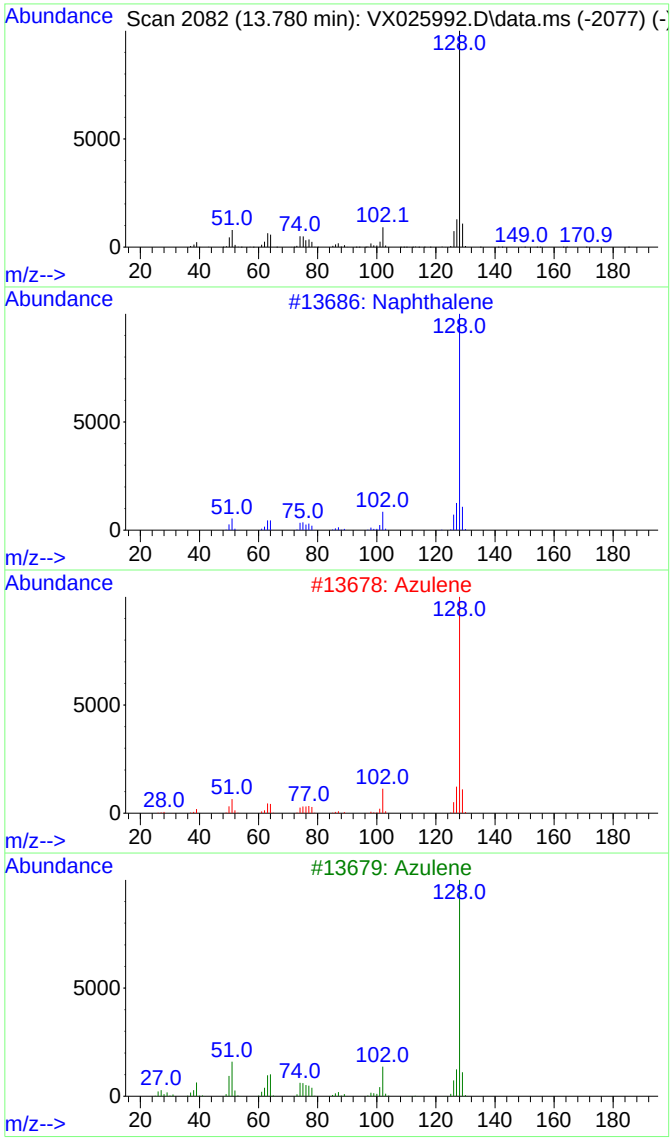
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

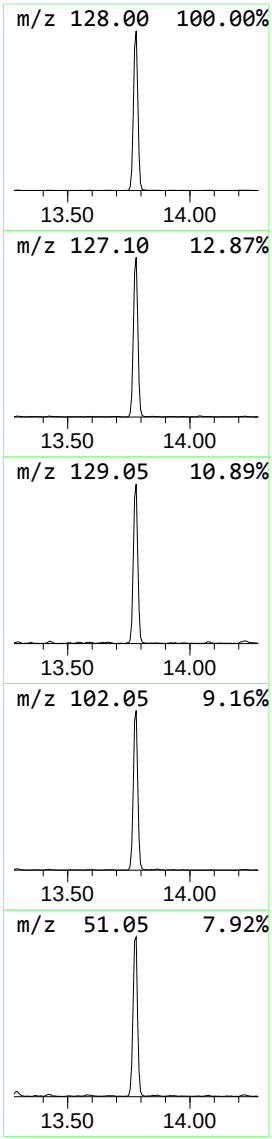
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	109.35 ug/L	1634830	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	Naphthalene	128	C10H8	000091-20-3	91
5	Azulene	128	C10H8	000275-51-4	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

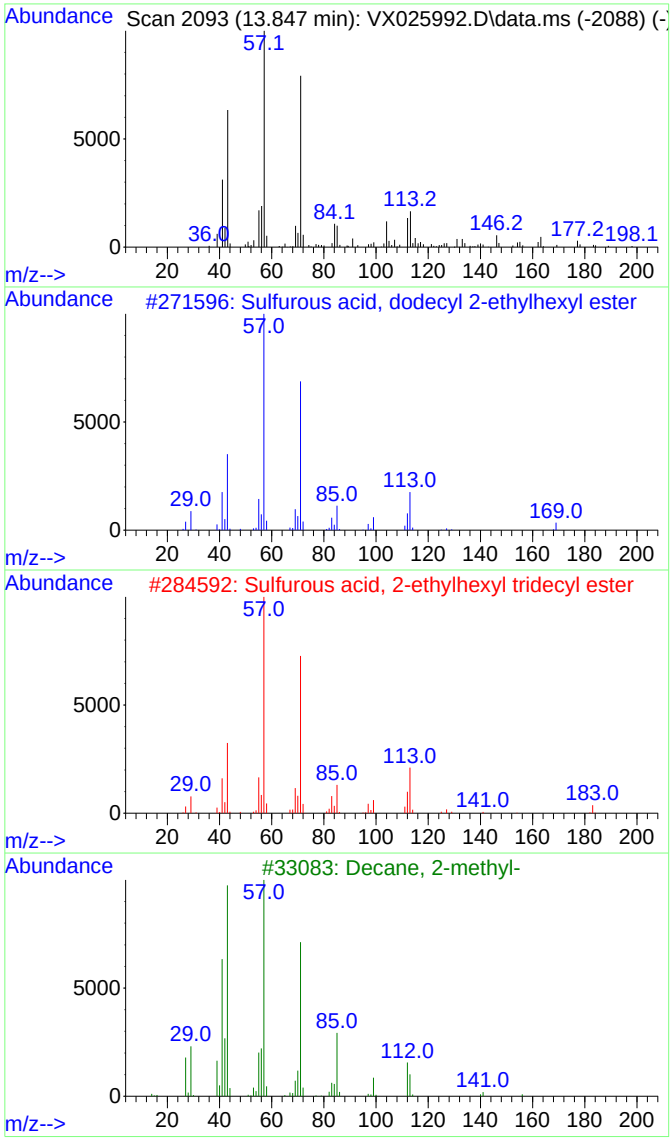
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

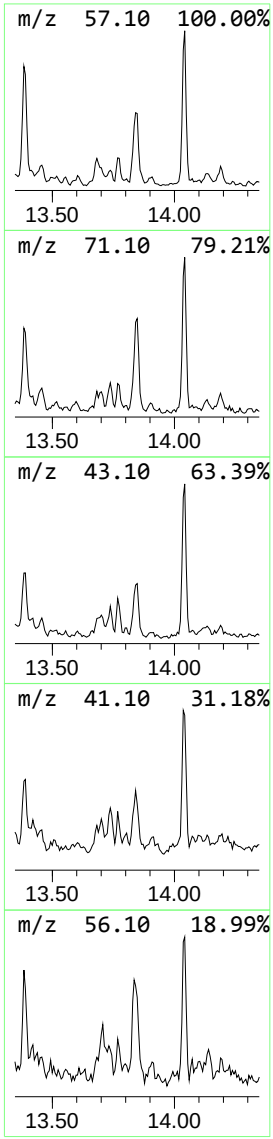
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Sulfurous acid, dodecyl 2-e... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.847	4.65 ug/L	69532	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	64
3	Decane, 2-methyl-	156	C11H24	006975-98-0	64
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	59
5	Decane, 4-methyl-	156	C11H24	002847-72-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

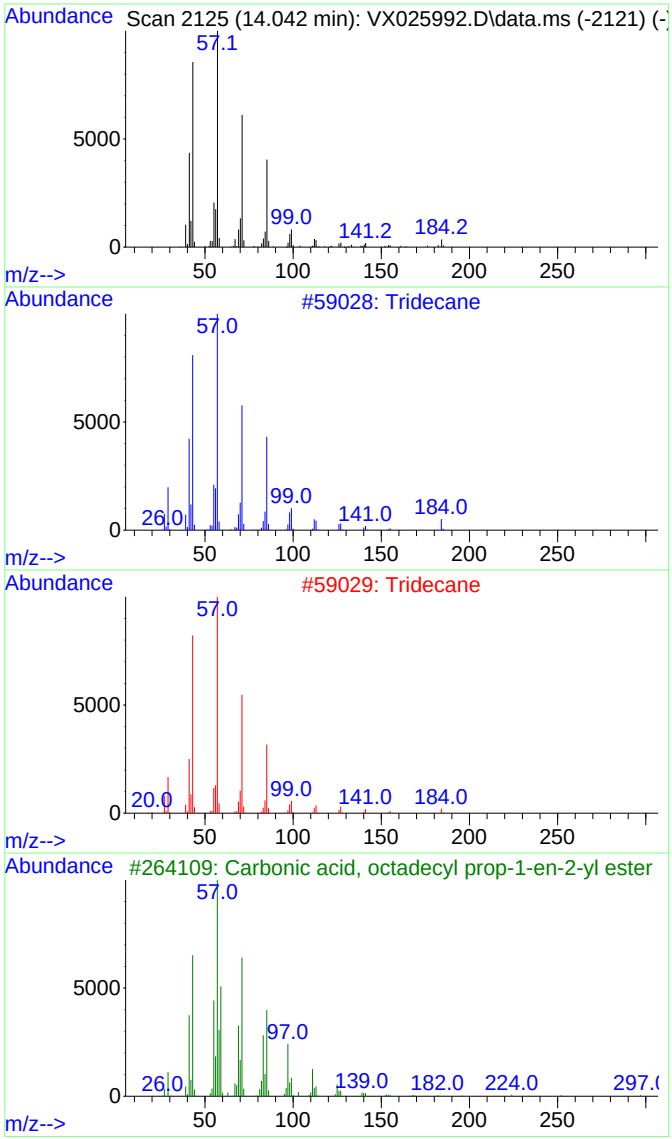
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

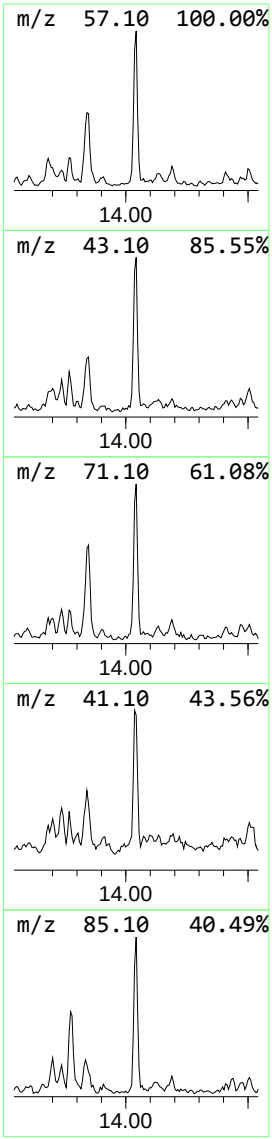
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.042	6.89 ug/L	102939	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	97
2	Tridecane	184	C13H28	000629-50-5	95
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4	Dodecane	170	C12H26	000112-40-3	90
5	Hexadecane	226	C16H34	000544-76-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

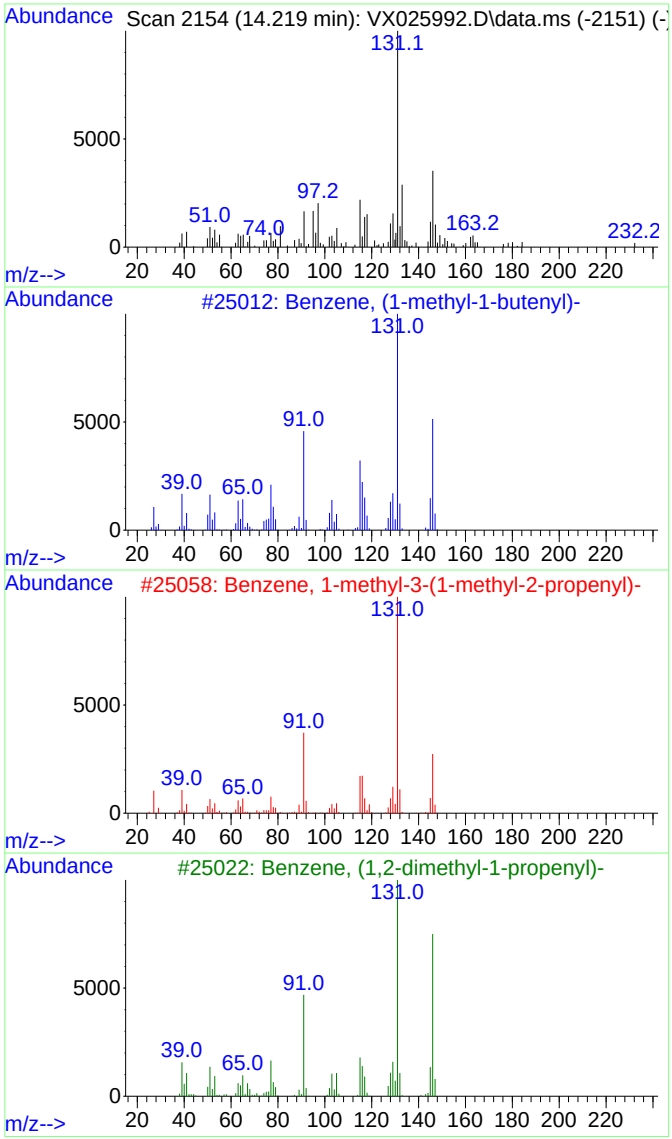
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

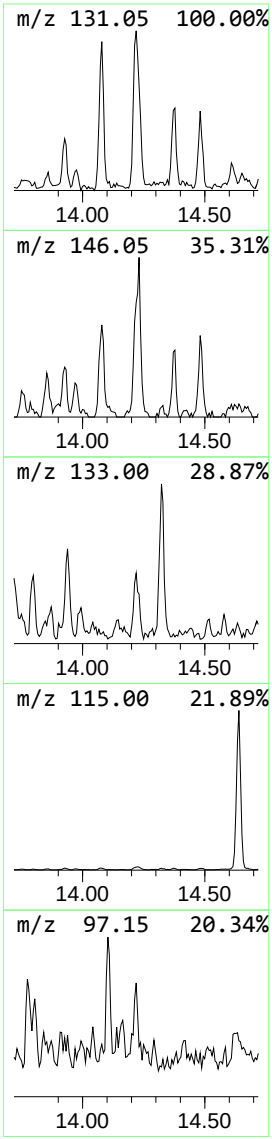
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Benzene, (1-methyl-1-butenyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.219	3.95 ug/L	59043	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	76
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

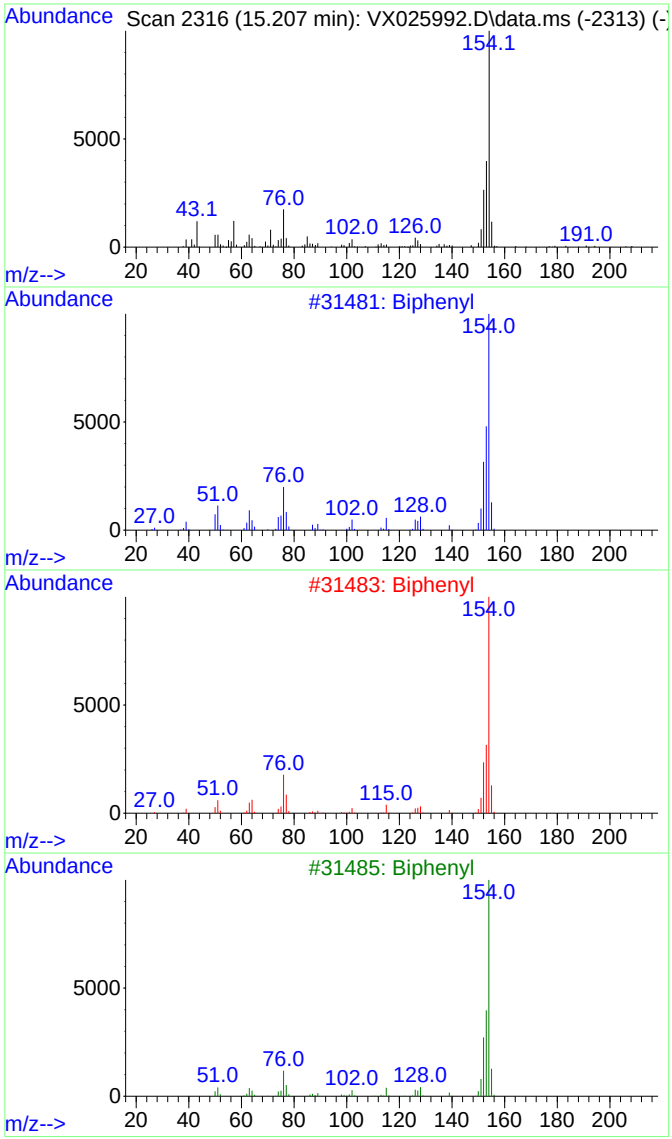
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

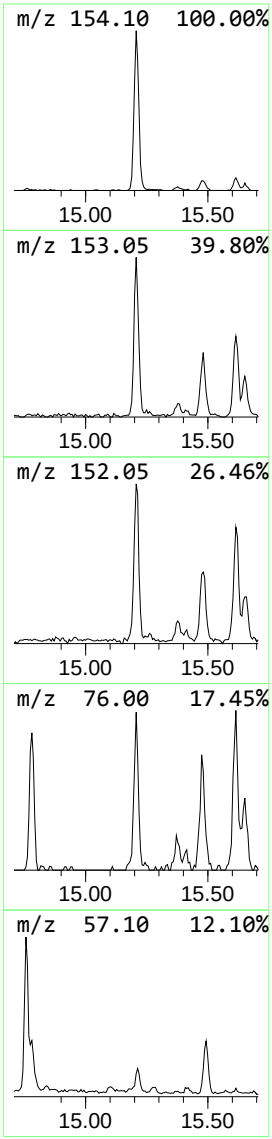
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Naphthalene, 2-ethenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.207	5.39 ug/L	80592	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	83
2	Biphenyl	154	C12H10	000092-52-4	83
3	Biphenyl	154	C12H10	000092-52-4	81
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

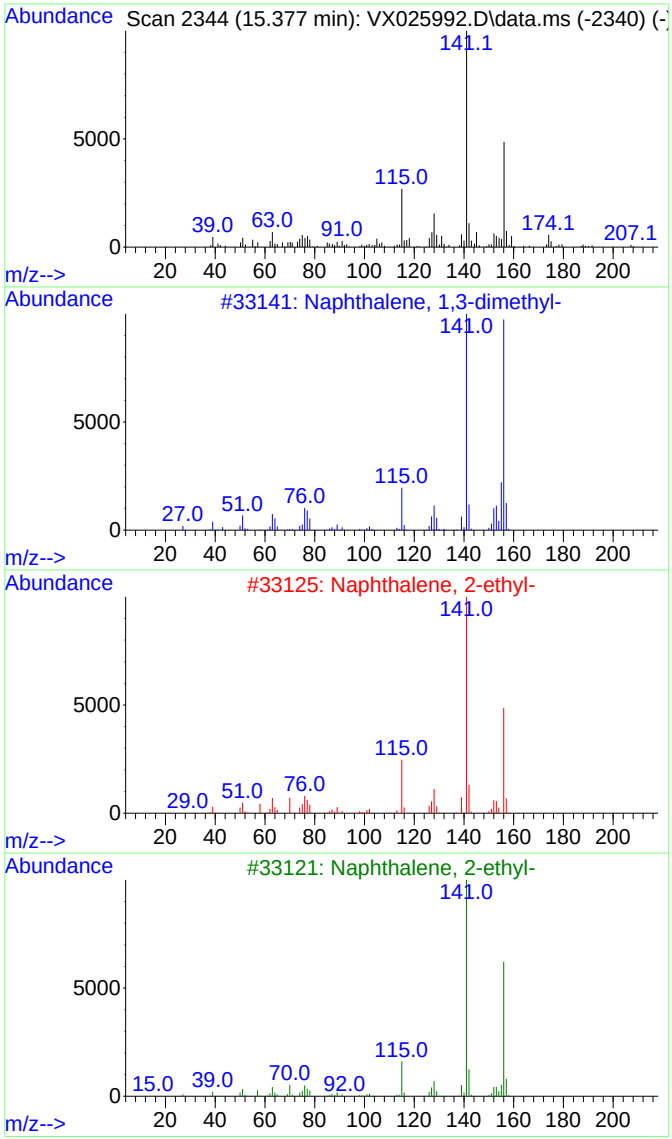
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

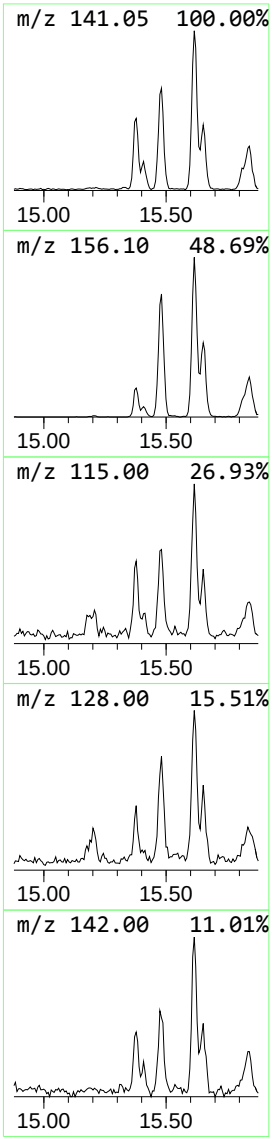
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Naphthalene, 1,3-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.377	3.30 ug/L	49355	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

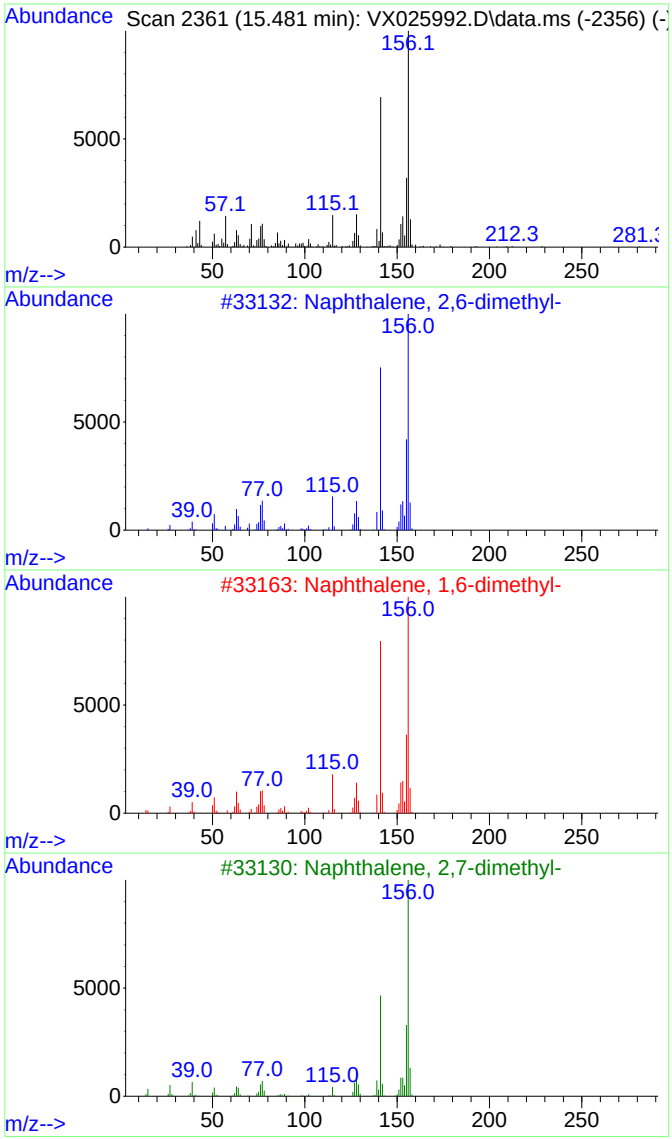
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

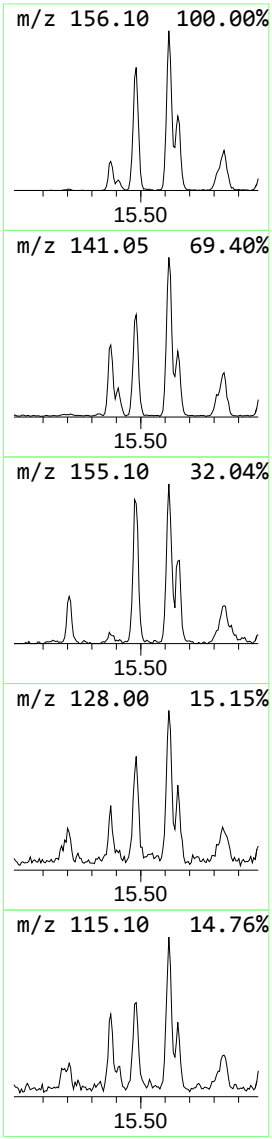
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.481	11.62 ug/L	173724	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

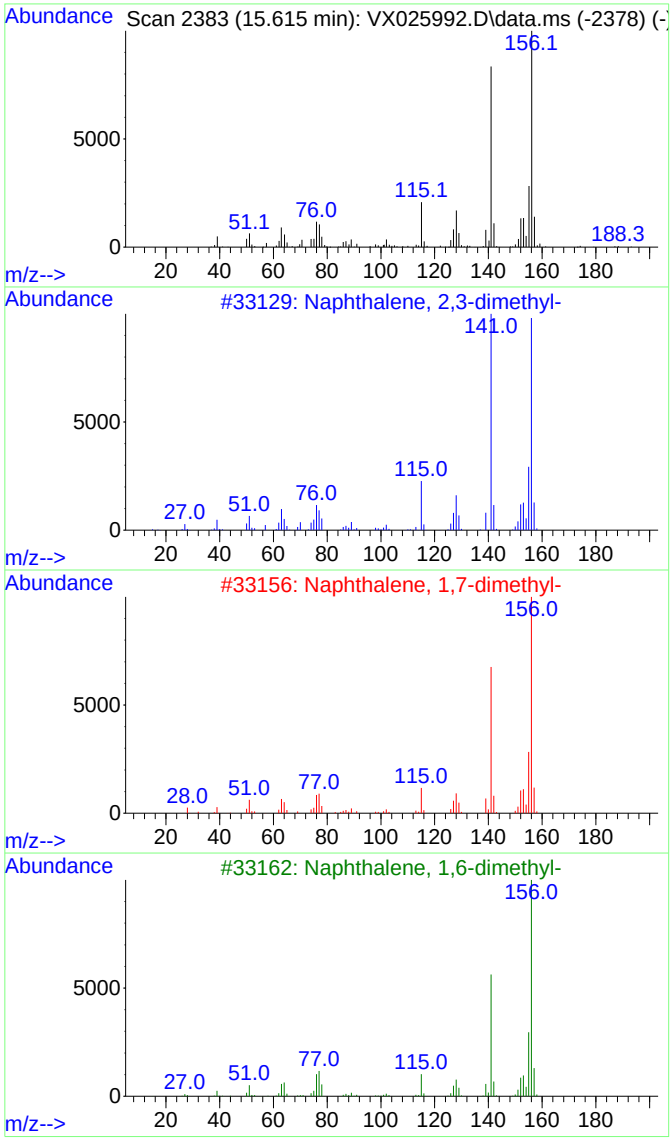
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

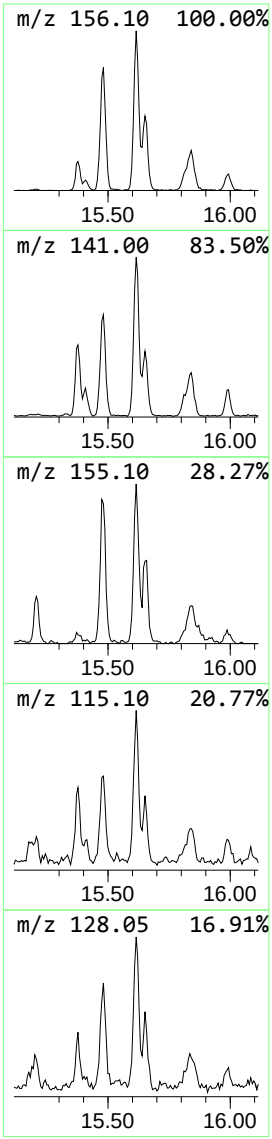
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.615	11.99 ug/L	179240	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

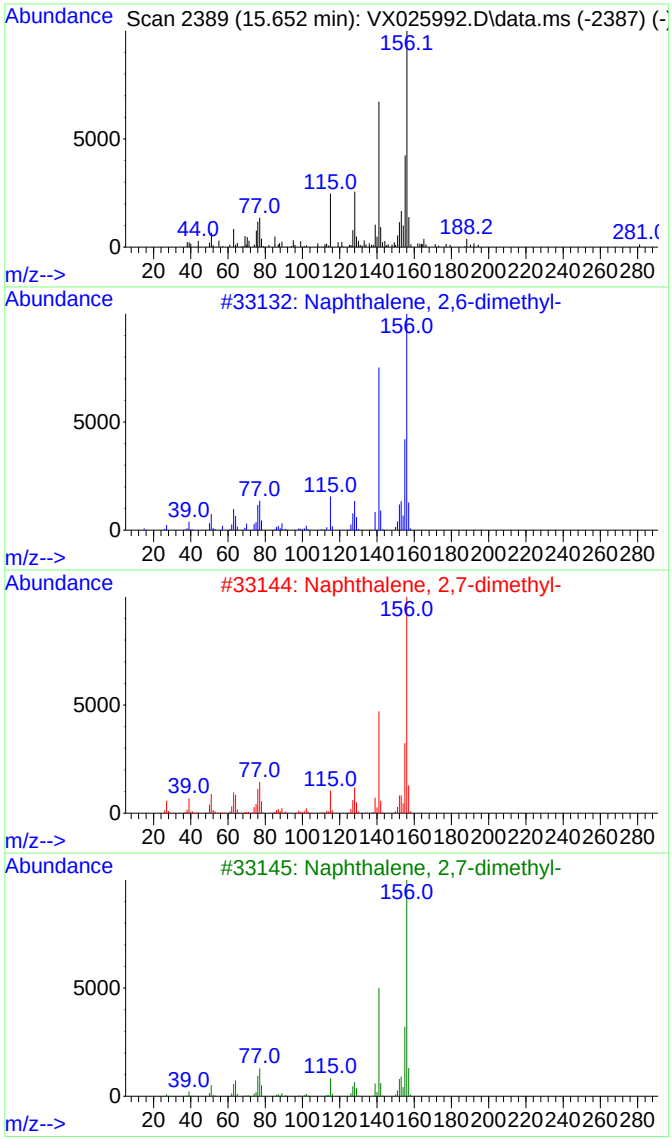
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

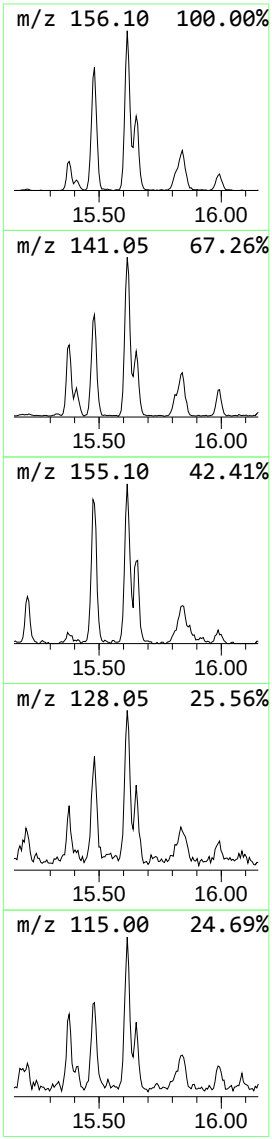
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Naphthalene, 2,7-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.652	5.26 ug/L	78623	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

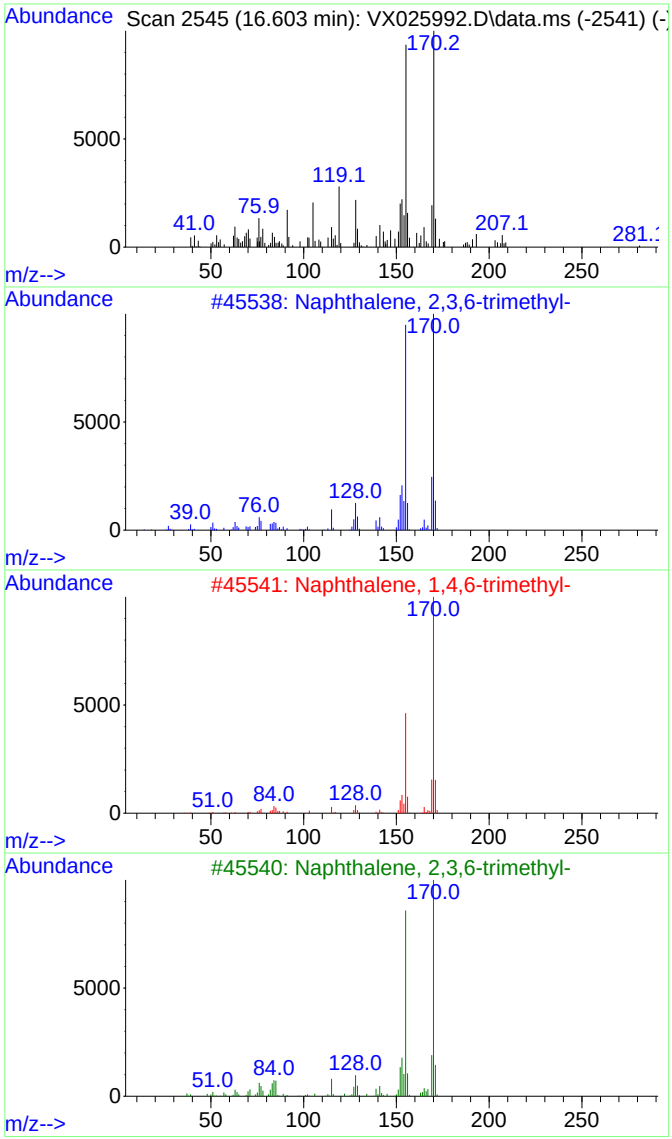
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis

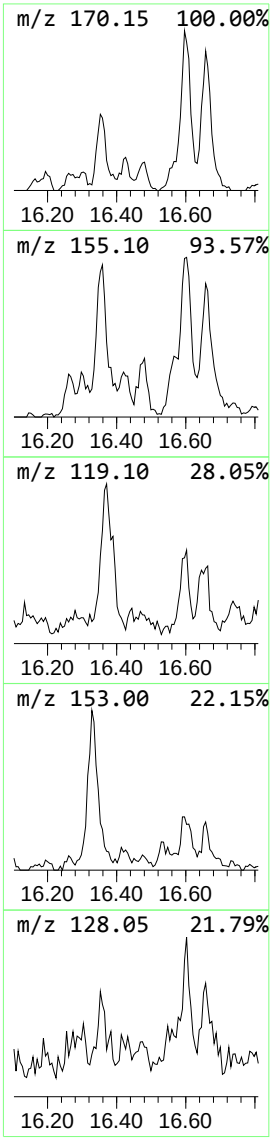
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Naphthalene, 2,3,6-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.603	2.67 ug/L	39898	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025992.D
Acq On : 24 Dec 2021 00:32
Operator : JC/MD
Sample : M5154-08
Misc : 7.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BGL88

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: C...	10.585	3.7	ug/L	46409	2	10.055	624691	50.0
(DEL) Alkane: S...	10.781	4.6	ug/L	57948	2	10.055	624691	50.0
(DEL) Alkane: C...	10.860	3.7	ug/L	46185	2	10.055	624691	50.0
(DEL) Alkane: S...	10.896	2.5	ug/L	31642	2	10.055	624691	50.0
(DEL) Alkane: S...	11.030	4.2	ug/L	52268	2	10.055	624691	50.0
(DEL) Alkane: S...	11.085	5.9	ug/L	88271	3	12.024	747544	50.0
(DEL) Alkane: S...	11.110	5.5	ug/L	81839	3	12.024	747544	50.0
Benzene, propyl-	11.305	7.0	ug/L	104934	3	12.024	747544	50.0
Benzene, 1-ethy...	11.384	24.1	ug/L	360187	3	12.024	747544	50.0
Benzene, 1-ethy...	11.616	10.8	ug/L	161106	3	12.024	747544	50.0
(DEL) Alkane: S...	11.683	3.7	ug/L	55941	3	12.024	747544	50.0
(DEL) Alkane: S...	11.841	4.8	ug/L	72561	3	12.024	747544	50.0
3-Dodecanone	11.890	3.5	ug/L	51511	3	12.024	747544	50.0
(DEL) Alkane: C...	11.939	6.8	ug/L	102379	3	12.024	747544	50.0
Benzene, 1,2,3-...	12.091	12.5	ug/L	186973	3	12.024	747544	50.0
(DEL) Alkane: S...	12.177	5.4	ug/L	80382	3	12.024	747544	50.0
Benzene, 1-ethe...	12.250	9.4	ug/L	141196	3	12.024	747544	50.0
Indene	12.420	5.6	ug/L	83111	3	12.024	747544	50.0
Benzene, 1-meth...	12.469	7.4	ug/L	110954	3	12.024	747544	50.0
Benzene, 2-ethy...	12.536	5.5	ug/L	81821	3	12.024	747544	50.0
o-Cymene	12.616	3.2	ug/L	47721	3	12.024	747544	50.0
(DEL) Alkane: S...	12.683	3.7	ug/L	54894	3	12.024	747544	50.0
unknown-01	12.896	5.2	ug/L	77573	3	12.024	747544	50.0
Benzene, 1-ethy...	12.969	9.9	ug/L	147721	3	12.024	747544	50.0
(DEL) Alkane: S...	13.042	3.7	ug/L	55701	3	12.024	747544	50.0
(DEL) Alkane: S...	13.268	9.5	ug/L	142684	3	12.024	747544	50.0
Cyclopropane, 1...	13.292	8.7	ug/L	129411	3	12.024	747544	50.0
(DEL) Alkane: S...	13.384	3.5	ug/L	52298	3	12.024	747544	50.0
Azulene	13.780	109.3	ug/L	1634830	3	12.024	747544	50.0
Sulfurous acid,...	13.847	4.7	ug/L	69532	3	12.024	747544	50.0
(DEL) Alkane: S...	14.042	6.9	ug/L	102939	3	12.024	747544	50.0
Benzene, (1-met...	14.219	4.0	ug/L	59043	3	12.024	747544	50.0
Naphthalene, 2-...	15.207	5.4	ug/L	80592	3	12.024	747544	50.0
Naphthalene, 1,...	15.377	3.3	ug/L	49355	3	12.024	747544	50.0
Naphthalene, 2,...	15.481	11.6	ug/L	173724	3	12.024	747544	50.0
Naphthalene, 2,...	15.615	12.0	ug/L	179240	3	12.024	747544	50.0
Naphthalene, 2,...	15.652	5.3	ug/L	78623	3	12.024	747544	50.0
Naphthalene, 2,...	16.603	2.7	ug/L	39898	3	12.024	747544	50.0