LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

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\SFAMXLM120524WMA.M
Title : VOC Analysis

Signal : TIC: VX044170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.270	188	194	211	rBV	138634	226869	2.56%	0.195%
2	5.050	638	650	667	rBV	88342	289030	3.26%	0.249%
3	5.952	788	798	816	rVV2	250191	715174	8.08%	0.615%
4	6.751	920	929	944	rBV	190116	469596	5.30%	0.404%
5	7.299	1011	1019	1025	rBV	142216	319335	3.61%	0.275%
6	8.317	1181	1186	1199	rVB	83310	159525	1.80%	0.137%
7	8.640	1234	1239	1247	rVV	332660	566607	6.40%	0.487%
8	8.903	1277	1282	1286	rBV	122204	171872	1.94%	0.148%
9	8.951	1286	1290	1301	rVB2	65543	174709	1.97%	0.150%
10	9.268	1335	1342	1355	rBV	3699964	5359600	60.54%	4.611%
11	9.390	1356	1362	1374	rVB3	138541	363289	4.10%	0.313%
12	9.610	1394	1398	1403	rBV	99903	165788	1.87%	0.143%
13	9.823	1426	1433	1438	rBV3	85487	178071	2.01%	0.153%
14	9.896	1441	1445	1451	rVB	123401	176073	1.99%	0.151%
15	10.006	1456	1463	1466	rBV	138315	198764	2.25%	0.171%
16	10.055	1466	1471	1476	rBV	363038	528091	5.97%	0.454%
17	10.189	1486	1493	1497	rBV3	131015	283872	3.21%	0.244%
18	10.274	1502	1507	1508	rVV	220221	283851	3.21%	0.244%
19	10.311	1508	1513	1516	rVV2	606687	1132329	12.79%	0.974%
20	10.360	1516	1521	1531	rVB	2850209	3897748	44.03%	3.353%
21	10.451	1531	1536	1541	rBV2	229655	346868	3.92%	0.298%
22	10.530	1545	1549	1551	rBV2	108572	155532	1.76%	0.134%
23	10.585	1551	1558	1561	rBV2	1579018	2742003	30.97%	2.359%
24	10.646	1565	1568	1569	rVV	164060	186834	2.11%	0.161%
25	10.671	1569	1572	1575	rVB	326392	384598	4.34%	0.331%
26	10.750	1581	1585	1587	rBV	870545	1229231	13.88%	1.058%
27	10.780	1587	1590	1593	rVB	2189743	2615750	29.55%	2.250%
28	10.853	1593	1602	1606	rBV3	2724948	4504055	50.88%	3.875%
29	10.890	1606	1608	1613	rVB	1114938	1378971	15.58%	1.186%
30	10.945	1613	1617	1622	rVB3	467734	710468	8.03%	0.611%
31	11.000	1622	1626	1628	rBV2	404126	579525	6.55%	0.499%
32	11.030	1628	1631	1634	rVB2	531349	597858	6.75%	0.514%
33	11.079	1634	1639	1642	rBV3	961689	1517672	17.14%	1.306%
34	11.109	1642	1644	1650	rVB2	966532	1411704	15.95%	1.215%
35	11.189	1650	1657	1659	rBV2	1435952	2015019	22.76%	1.734%
36	11.341	1677	1682	1685	rVV3	566964	964554	10.90%	0.830%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

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\SFAMXLM120524WMA.M
Title : VOC Analysis

37	11.384	1685	1689	1693	rVV4	1078342	1833863	20.71%	1.578%
38	11.427	1693	1696	1700	rVV	1573610	2584692	29.20%	2.224%
39	11.475	1700	1704	1709	rVB	7196748	8853031	100.00%	7.617%
40	11.573	1716	1720	1722	rBV	249888	323615	3.66%	0.278%
41	11.628	1722	1729	1734	rVB4	665933	1719178	19.42%	1.479%
42	11.683	1734	1738	1740	rBV3	422272	520450	5.88%	0.448%
43	11.713	1740	1743	1746	rVV	1727146	1983521	22.40%	1.707%
44	11.750	1746	1749	1759	rVB	1770711	3443493	38.90%	2.963%
45	11.835	1759	1763	1765	rBV2	387116	545250	6.16%	0.469%
46	11.890	1769	1772	1777	rVV3	779346	1324086	14.96%	1.139%
47	11.945	1777	1781	1783	rVV	1723888	2194281	24.79%	1.888%
48	11.969	1783	1785	1789	rVV3	979956	1173501	13.26%	1.010%
49	12.036	1789	1796	1799	rVV4	667192	1524756	17.22%	1.312%
50	12.097	1799	1806	1810	rVB3	856776	1977978	22.34%	1.702%
51	12.170	1816	1818	1825	rVB	608460	877895	9.92%	0.755%
52	12.268	1832	1834	1837	rVB	437661	441085	4.98%	0.379%
53	12.317	1837	1842	1848	rVB4	1647220	2964915	33.49%	2.551%
54	12.420	1855	1859	1863	rVB	3254127	3830583	43.27%	3.296%
55	12.463	1863	1866	1872	rVB2	633713	980919	11.08%	0.844%
56	12.536	1874	1878	1879	rBV	418237	551310	6.23%	0.474%
57	12.554	1879	1881	1884	rVV	554090	628909	7.10%	0.541%
58	12.615	1888	1891	1898	rVB	469755	726842	8.21%	0.625%
59	12.682	1899	1902	1905	rBV2	278024	443574	5.01%	0.382%
60	12.719	1905	1908	1913	rVB3	389311	668365	7.55%	0.575%
61	12.817	1922	1924	1927	rVB2	329717	300069	3.39%	0.258%
62	12.884	1931	1935	1939	rBV3	730738	1231203	13.91%	1.059%
63	12.963	1944	1948	1955	rVB3	1087266	2004904	22.65%	1.725%
64	13.042	1955	1961	1964	rBV4	378027	700870	7.92%	0.603%
65	13.158	1974	1980	1985	rVB4	364043	615804	6.96%	0.530%
66	13.213	1985	1989	1992	rBV2	355215	426077	4.81%	0.367%
67	13.268	1992	1998	1999	rBV	2097202	2602850	29.40%	2.239%
68	13.383	2013	2017	2020	rBV2	361425	558715	6.31%	0.481%
69	13.420	2020	2023	2032	rVB4	861271	1744144	19.70%	1.501%
70	13.505	2033	2037	2040	rBV4	225968	359951	4.07%	0.310%
71	13.579	2045	2049	2054	rBV3	422051	832063	9.40%	0.716%
72	13.676	2061	2065	2068	rBV2	354290	538995	6.09%	0.464%
73	13.774	2078	2081	2083	rBV	600738	655304	7.40%	0.564%
74	13.841	2088	2092	2099	rVB5	457556	878616	9.92%	0.756%
75	13.926	2099	2106	2111	rBV5	404051	894848	10.11%	0.770%
76	14.036	2121	2124	2127	rVB2	939016	962200	10.87%	0.828%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

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\SFAMXLM120524WMA.M
Title : VOC Analysis

77	14.225	2150	2155	2161	rVB3	559288	1105394	12.49%	0.951%
78	14.322	2168	2171	2176	rVB2	190335	253251	2.86%	0.218%
79	14.371	2177	2179	2182	rVB	206212	197819	2.23%	0.170%
80	14.414	2184	2186	2192	rVB4	224725	348159	3.93%	0.300%
81	14.481	2193	2197	2205	rVB5	480542	1010837	11.42%	0.870%
82	14.633	2216	2222	2226	rBV	2515143	3508951	39.64%	3.019%
83	14.670	2226	2228	2233	rVB3	345283	415521	4.69%	0.357%
84	14.725	2234	2237	2239	rBV	162212	194102	2.19%	0.167%
85	14.780	2239	2246	2251	rVV2	1616602	2619746	29.59%	2.254%
86	14.847	2254	2257	2260	rVB2	174815	194424	2.20%	0.167%
87	15.182	2309	2312	2314	rBV	154412	202799	2.29%	0.174%
88	15.377	2339	2344	2347	rBV	484388	707771	7.99%	0.609%
89	15.475	2355	2360	2367	rVB	1291699	2038593	23.03%	1.754%
90	15.615	2377	2383	2386	rBV	1502508	2425983	27.40%	2.087%
91	15.651	2386	2389	2397	rVB	994024	1452407	16.41%	1.250%
92	15.834	2411	2419	2430	rVB	569388	1390345	15.70%	1.196%
93	15.987	2439	2444	2455	rVB	389602	706980	7.99%	0.608%
94	16.084	2456	2460	2466	rBV3	92649	156808	1.77%	0.135%
95	16.188	2474	2477	2484	rVB2	134787	233512	2.64%	0.201%
96	16.352	2499	2504	2512	rVB	301670	524149	5.92%	0.451%
97	16.468	2519	2523	2529	rVB2	122584	211602	2.39%	0.182%
98	16.560	2530	2538	2540	rVV3	154778	355256	4.01%	0.306%
99	16.596	2540	2544	2549	rVV	342493	682267	7.71%	0.587%
100	16.651	2549	2553	2572	rVB	378143	870224	9.83%	0.749%

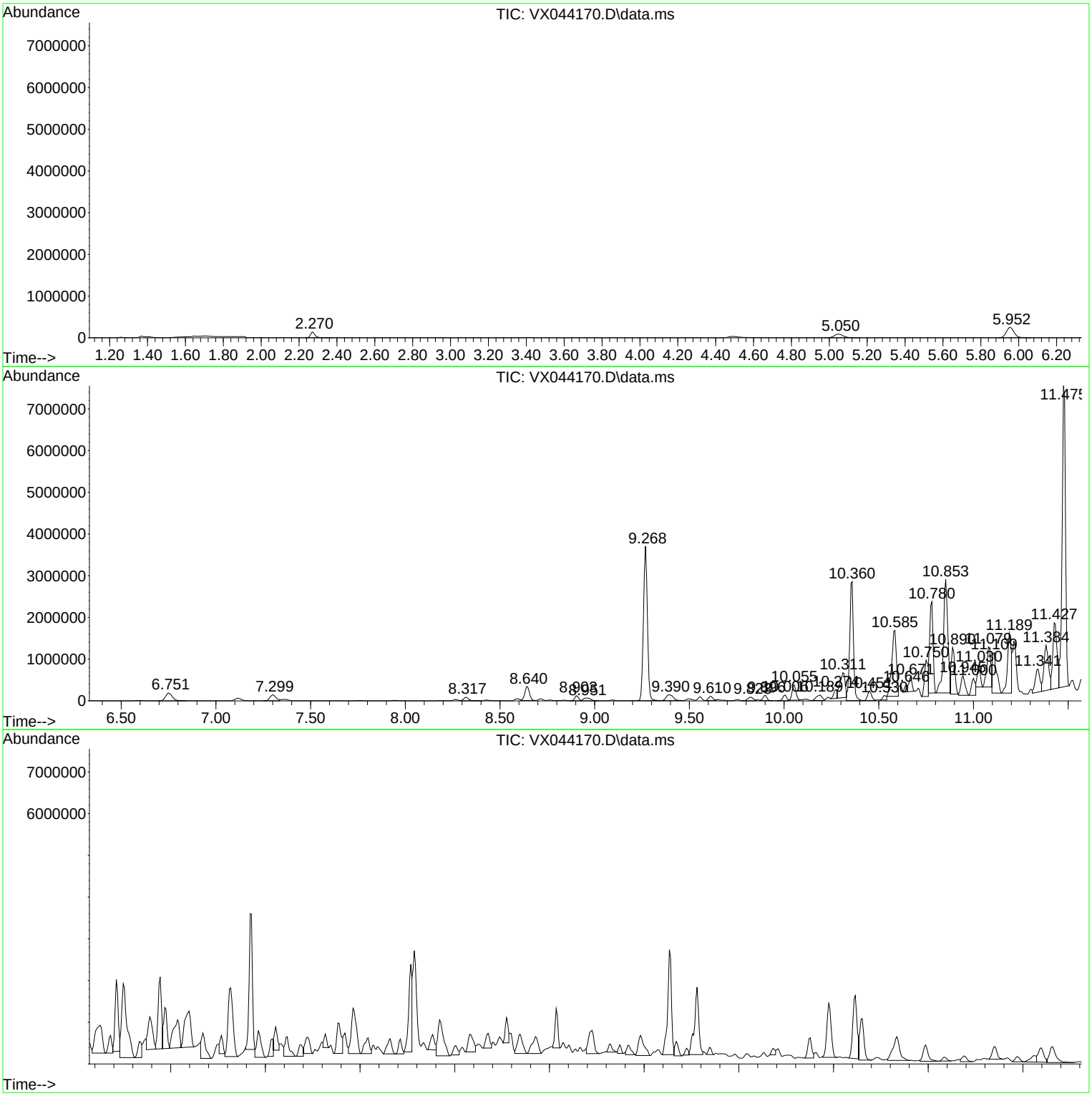
Sum of corrected areas: 116230440

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

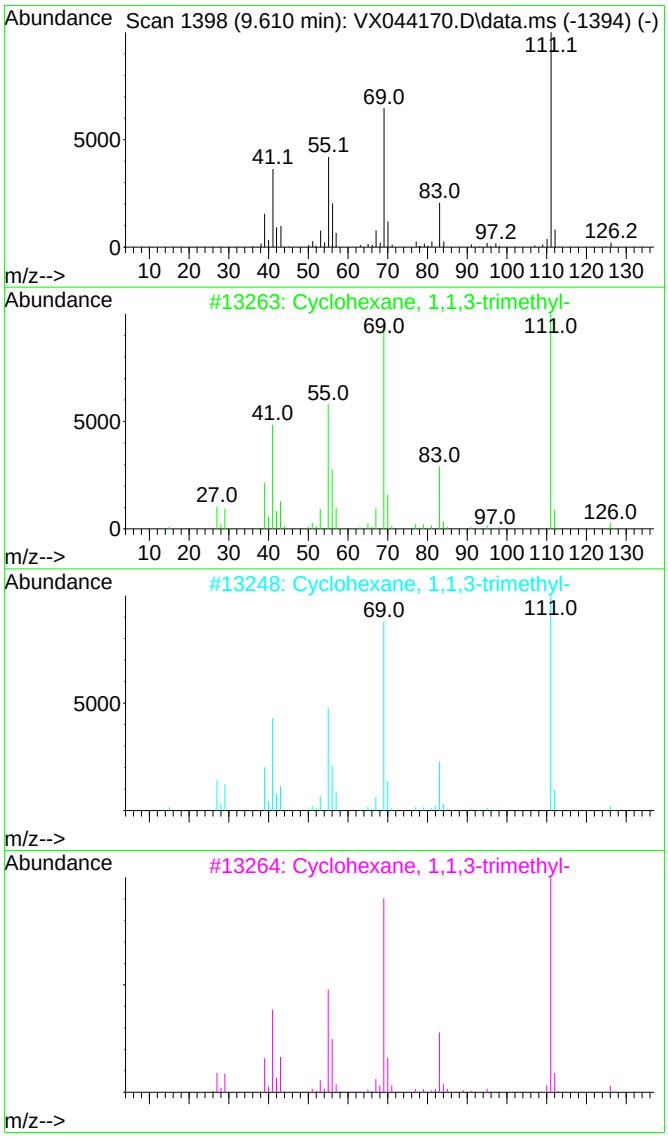
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

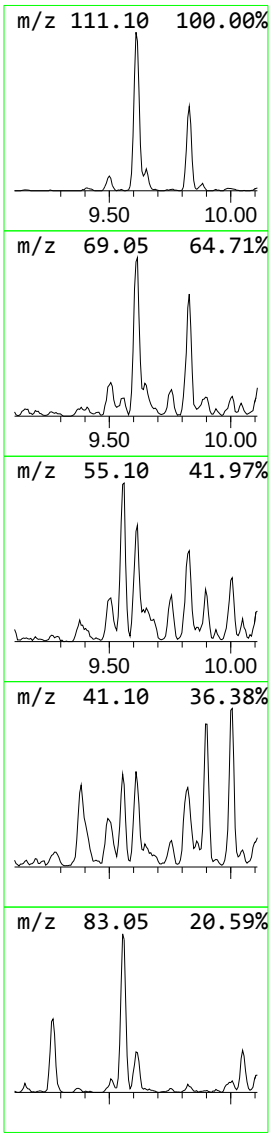
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic9.610 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	15.70 ug/L	165788	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	97
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	Cyclohexane, 1,4-dimethyl-2-octa...	364	C26H52	055282-02-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

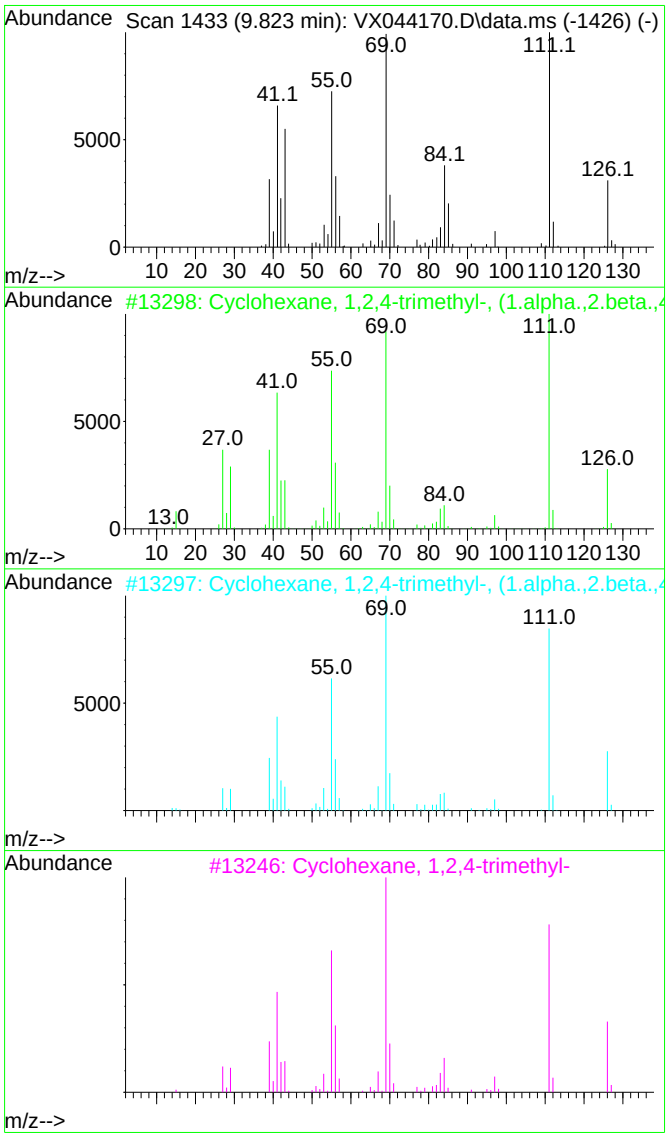
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

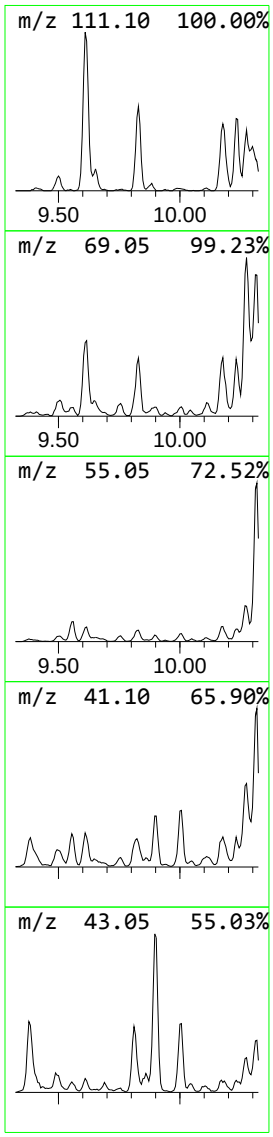
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic9.823 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.823	16.86 ug/L	178071	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	95
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	93
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

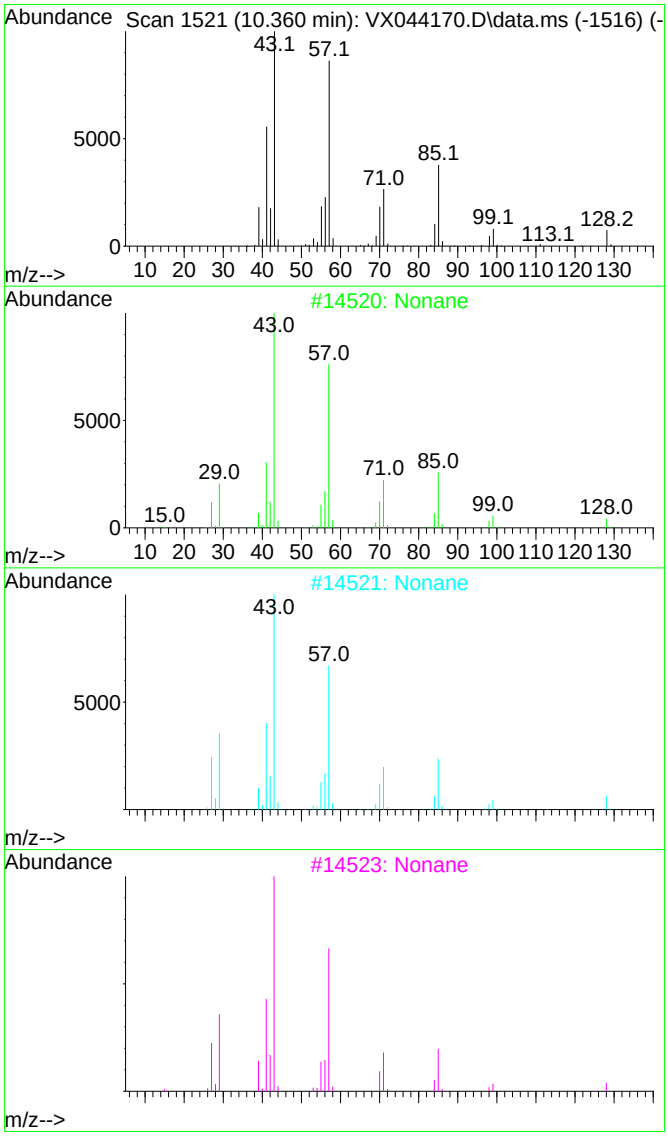
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

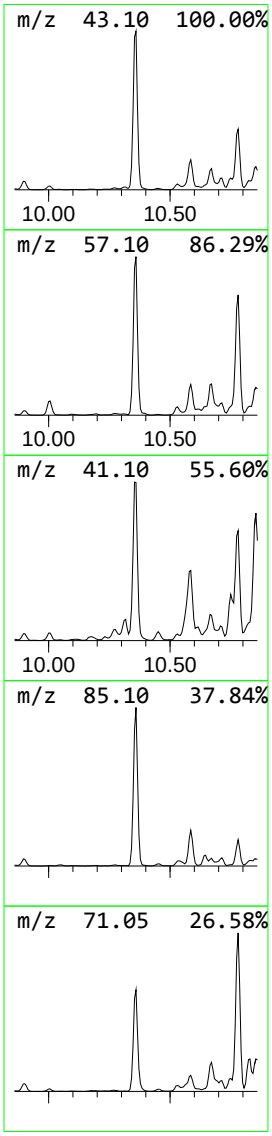
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.360	369.04 ug/L	3897750	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Nonane	128	C9H20	000111-84-2	91
3	Nonane	128	C9H20	000111-84-2	91
4	Nonane	128	C9H20	000111-84-2	87
5	Octane	114	C8H18	000111-65-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

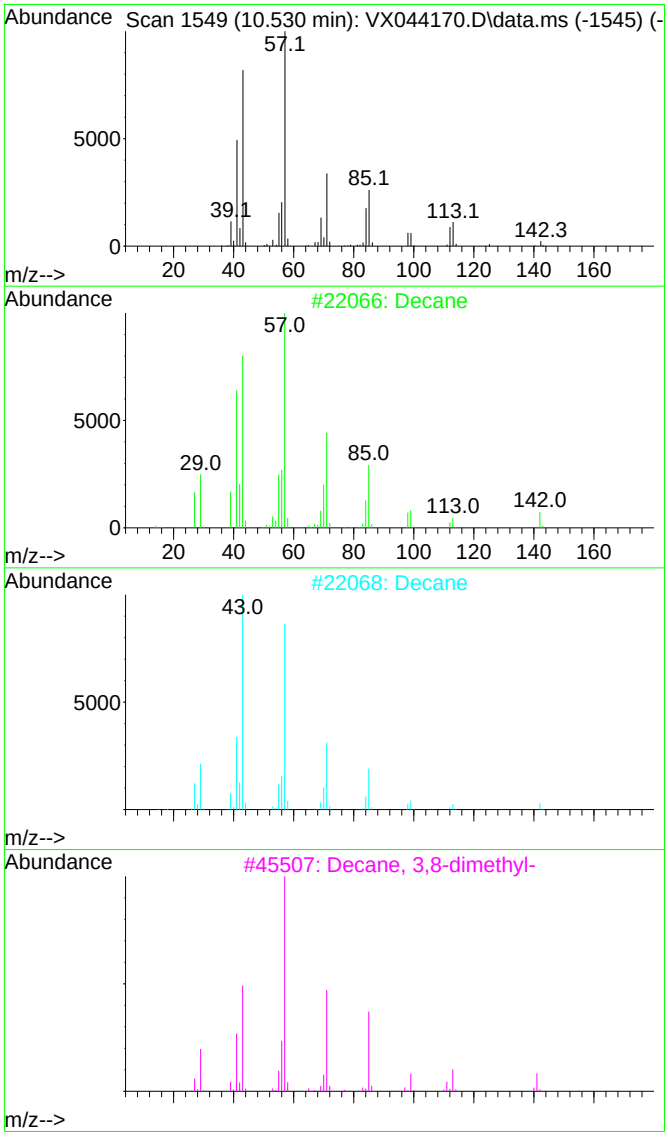
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

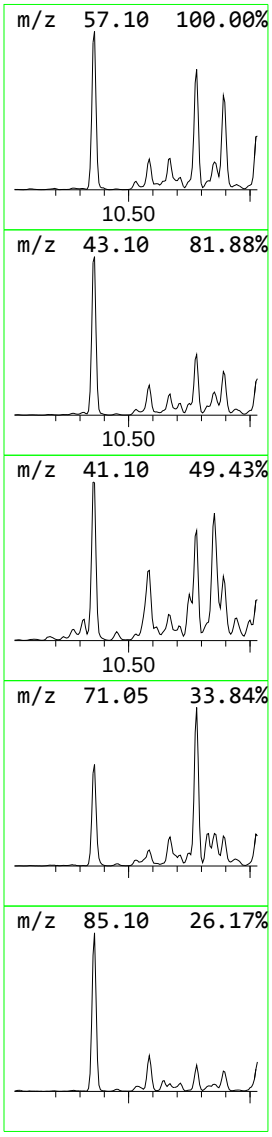
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.530	14.73 ug/L	155532	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	86
2	Decane	142	C10H22	000124-18-5	74
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	53
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

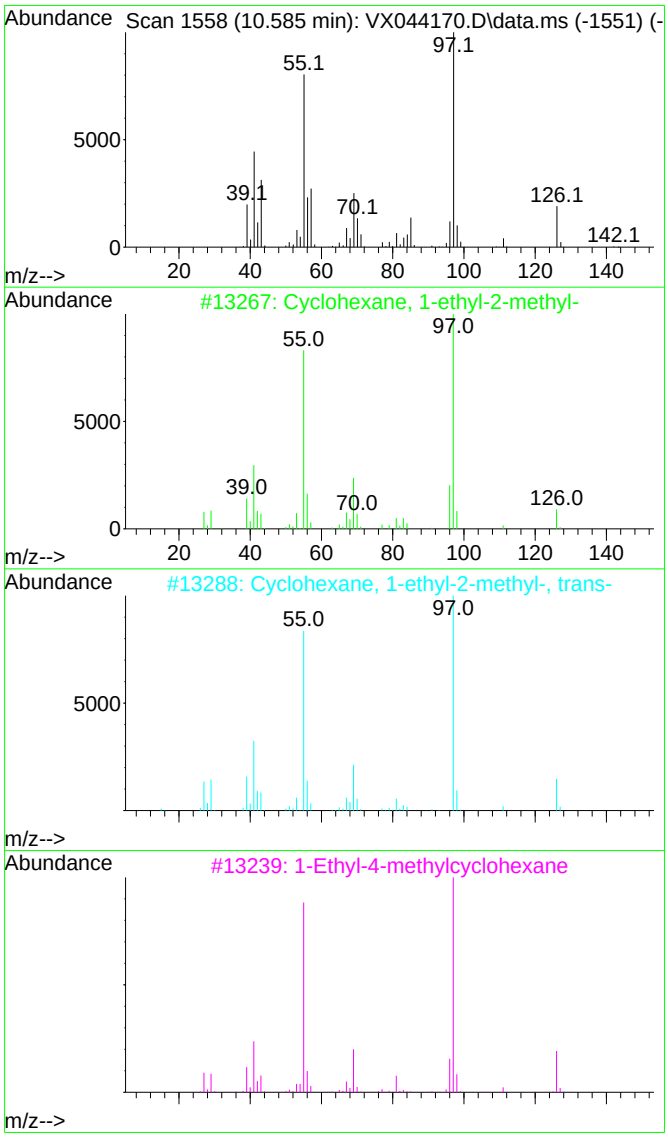
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

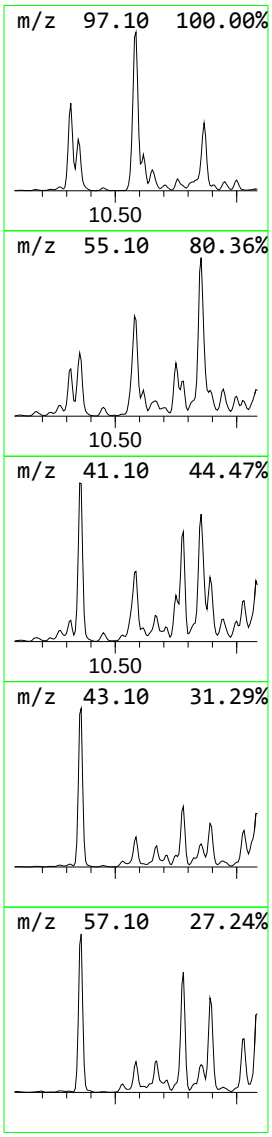
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic10.585 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.585	259.62 ug/L	2742000	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	68
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	68
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

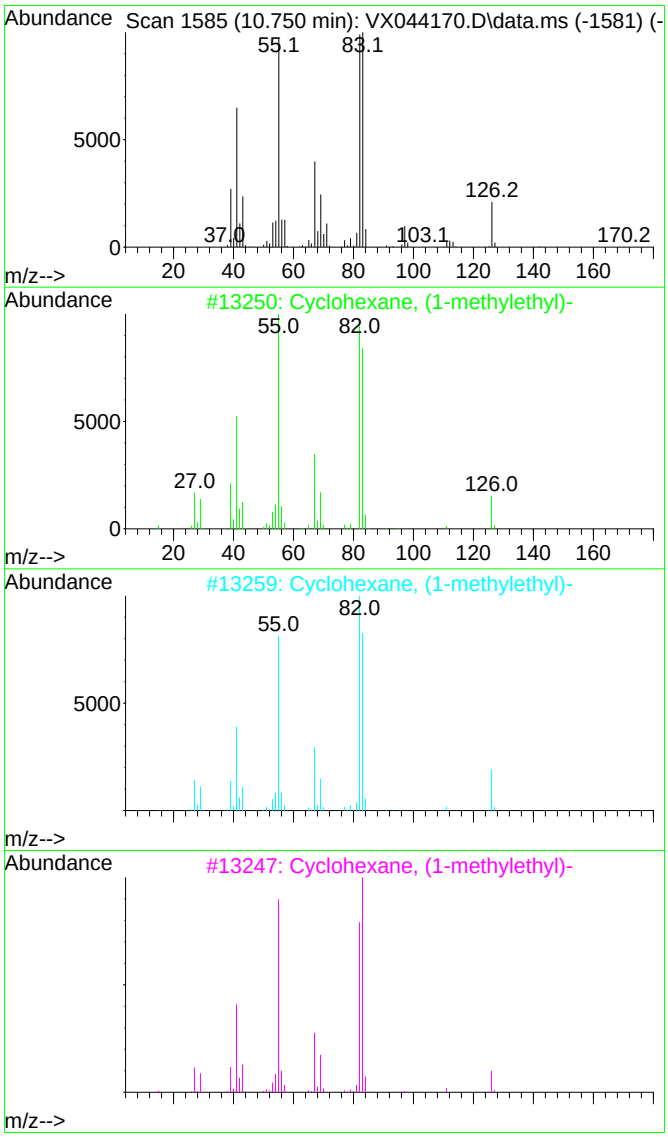
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

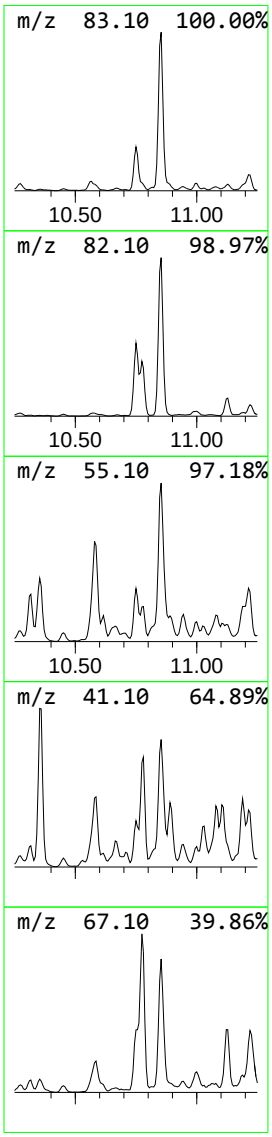
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic10.750 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.750	116.38 ug/L	1229230	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	96
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	94
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	93
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	90
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

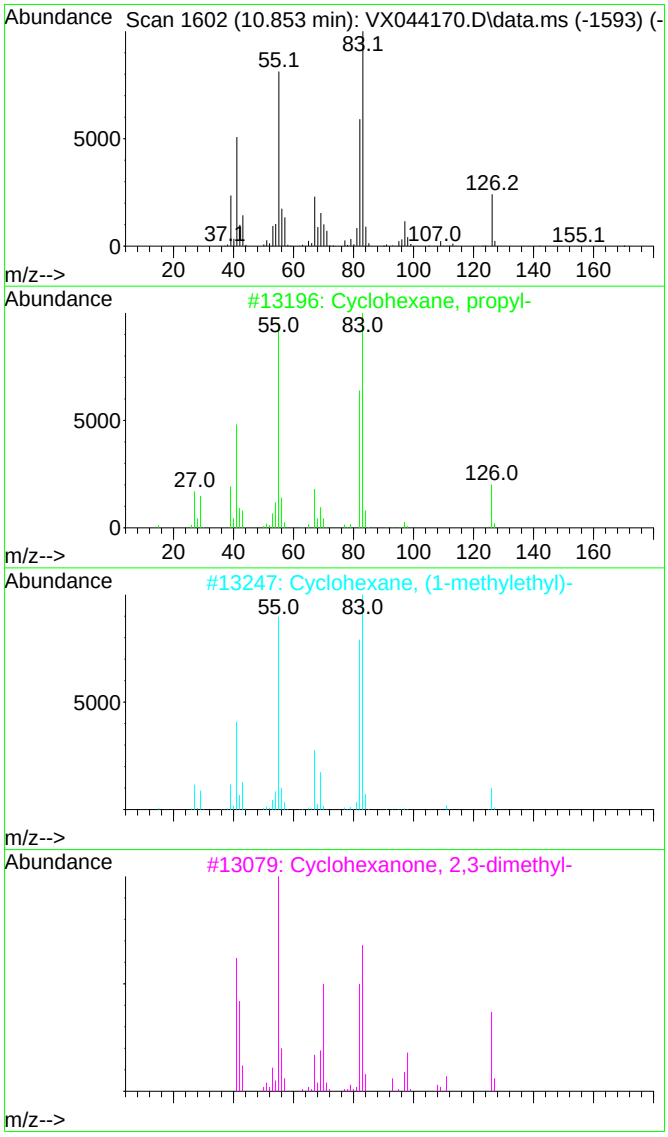
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

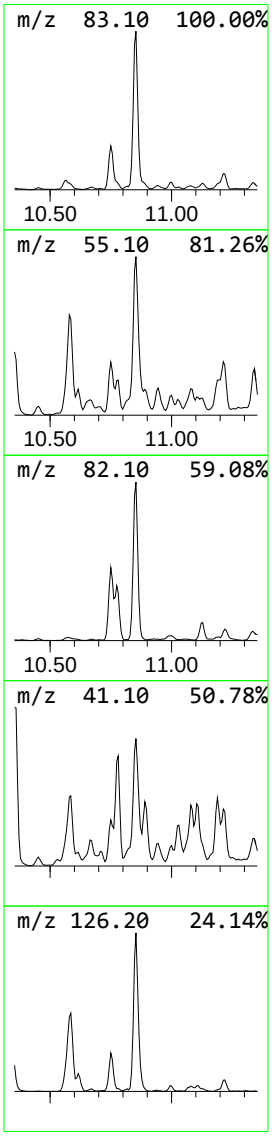
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic10.853 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.853	426.45 ug/L	4504060	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3	Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	83
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	80
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

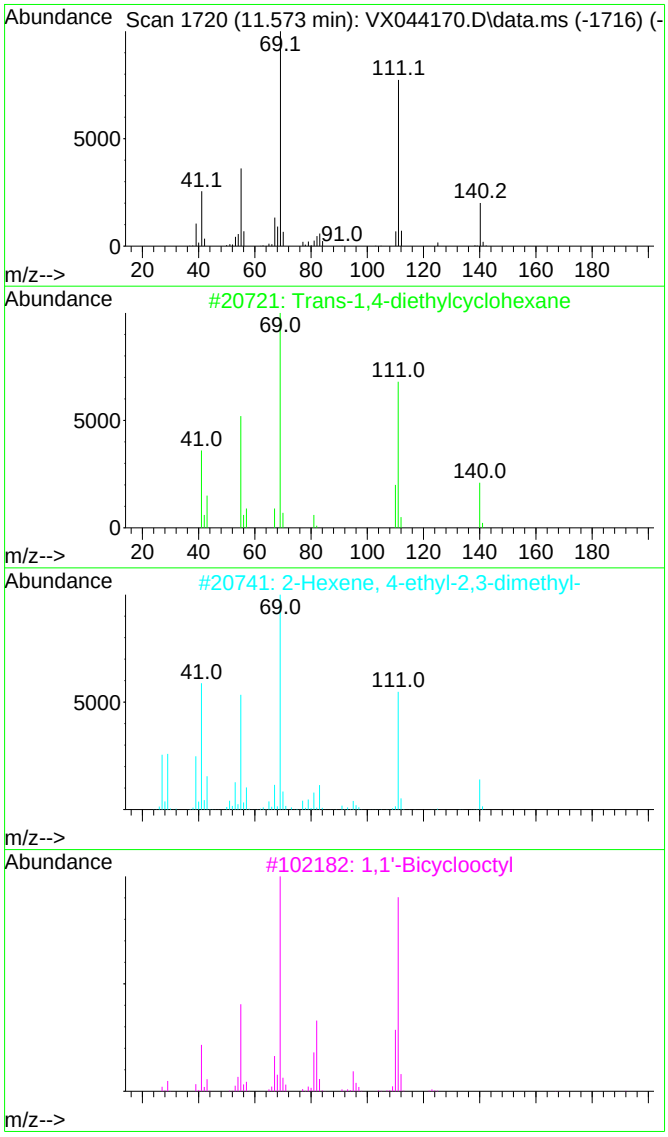
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

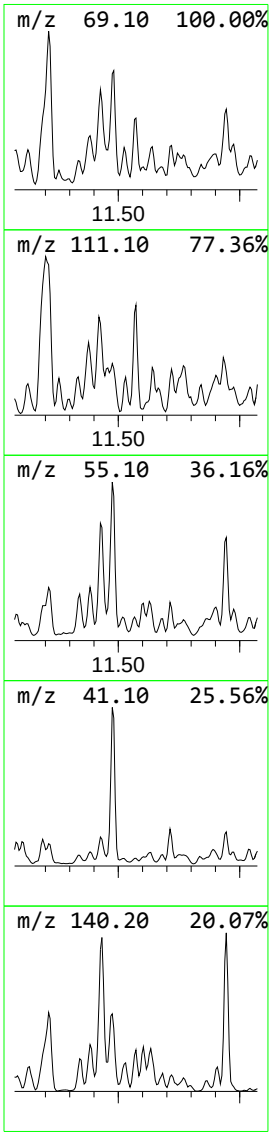
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic11.573 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.573	10.61 ug/L	323615	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	87
2	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	78
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	72
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	72
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

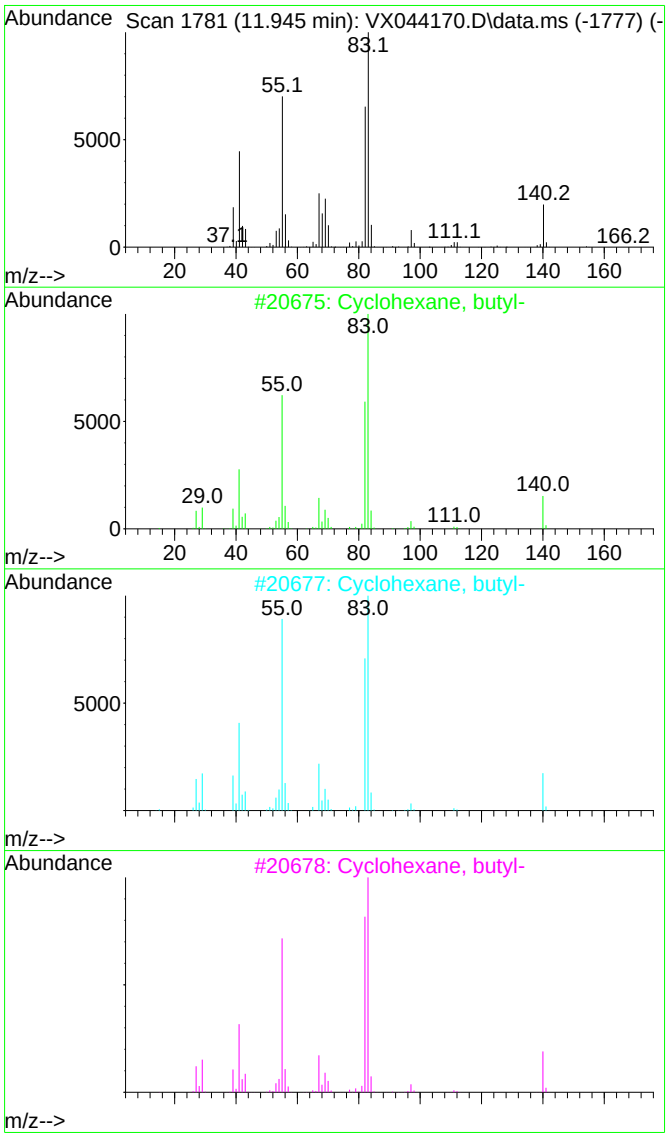
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

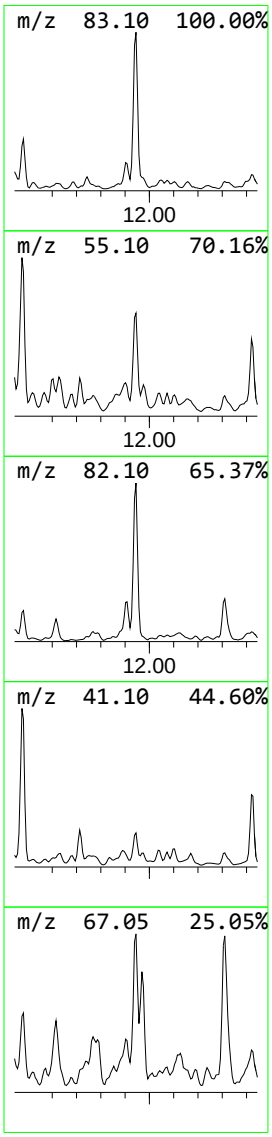
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic11.945 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	71.96 ug/L	2194280	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

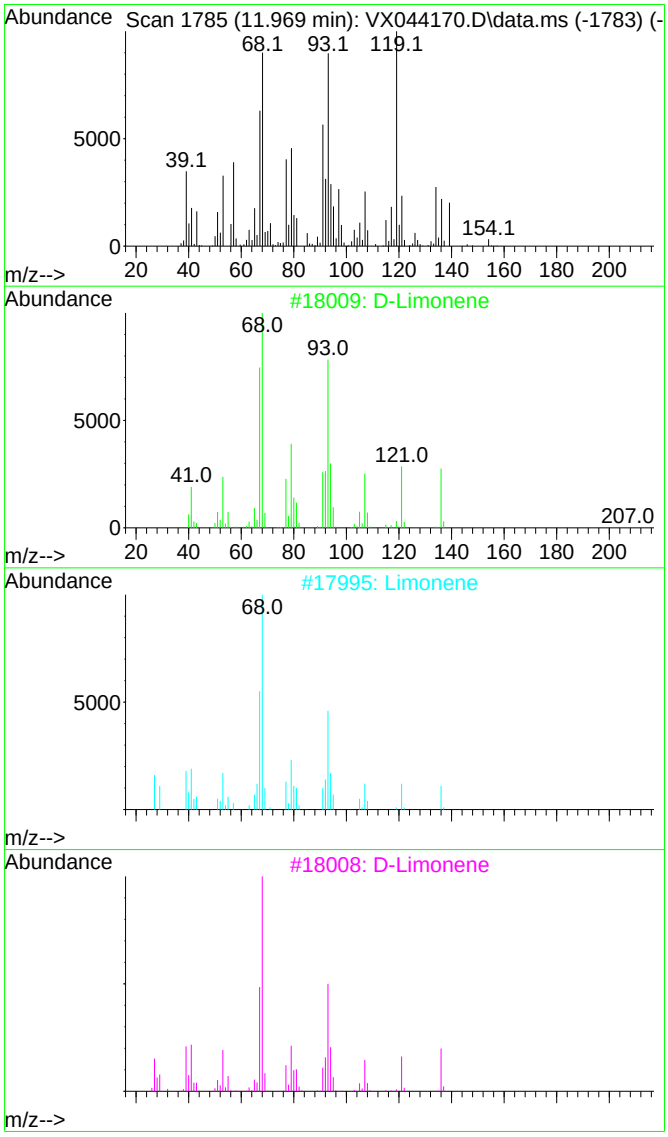
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

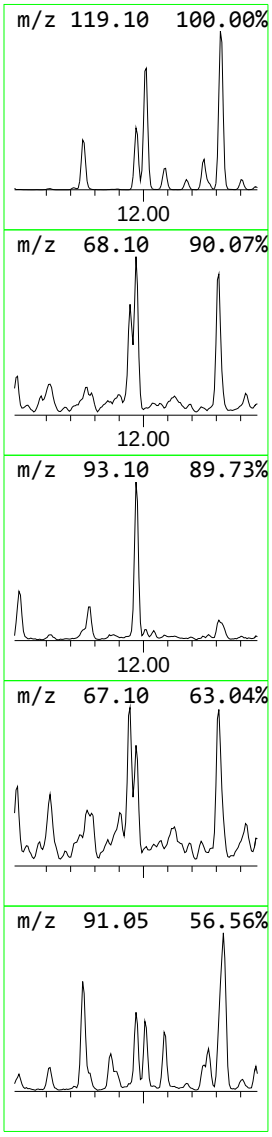
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 D-Limonene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	38.48 ug/L	1173500	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	95
2	Limonene	136	C10H16	000138-86-3	78
3	D-Limonene	136	C10H16	005989-27-5	55
4	D-Limonene	136	C10H16	005989-27-5	42
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

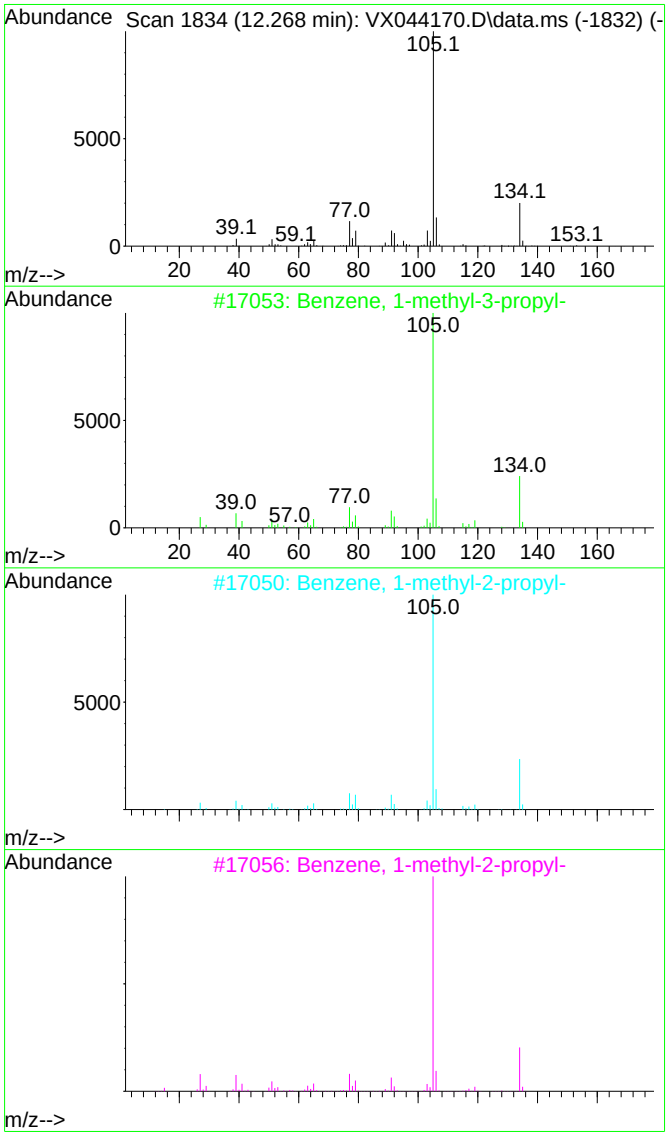
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

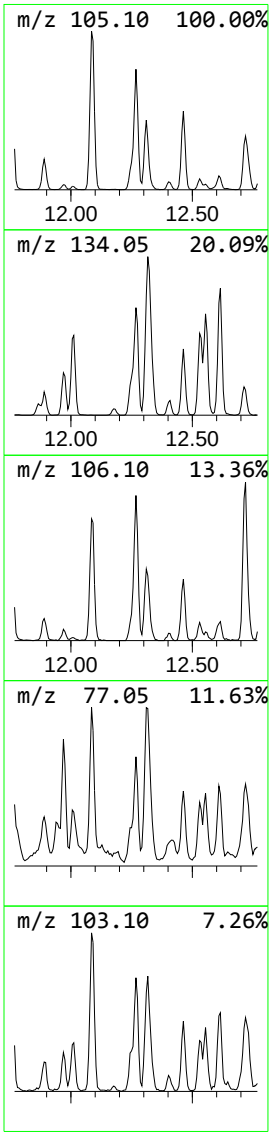
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-methyl-3-propyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.268	14.46 ug/L	441085	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

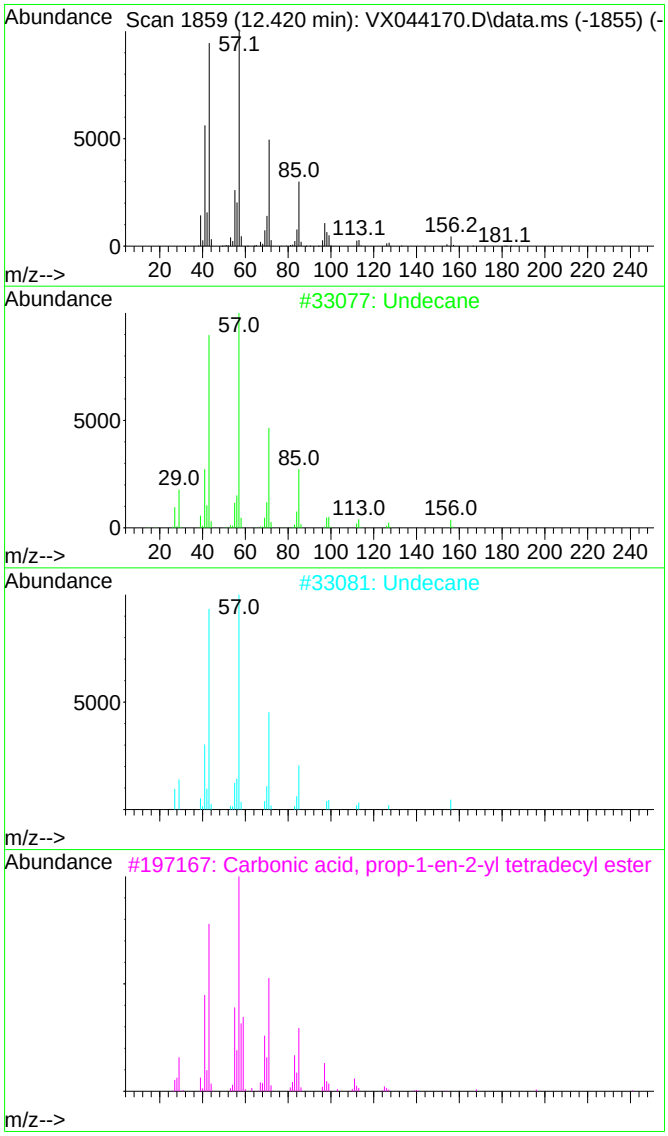
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

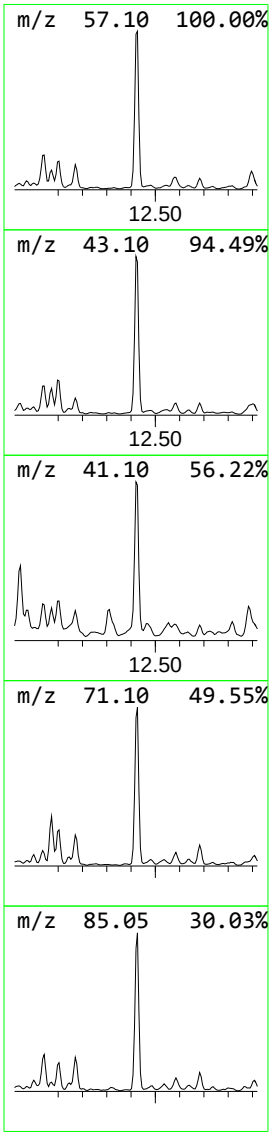
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.420	125.61 ug/L	3830580	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	90
2	Undecane	156	C11H24	001120-21-4	90
3	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	90
4	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	83
5	Undecane	156	C11H24	001120-21-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

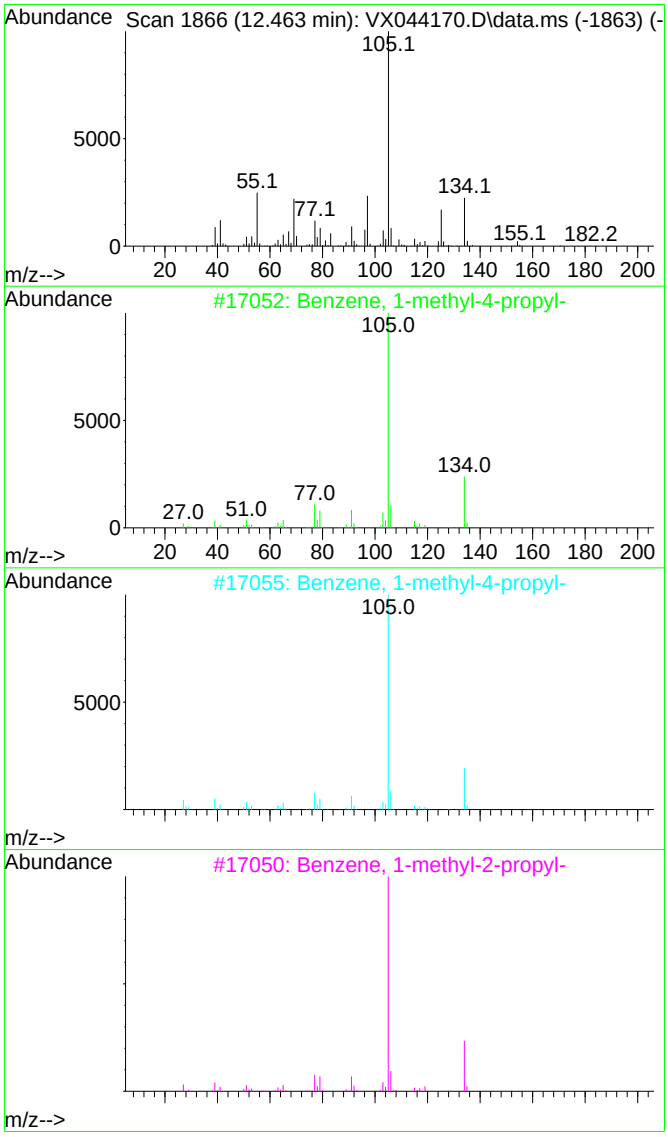
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

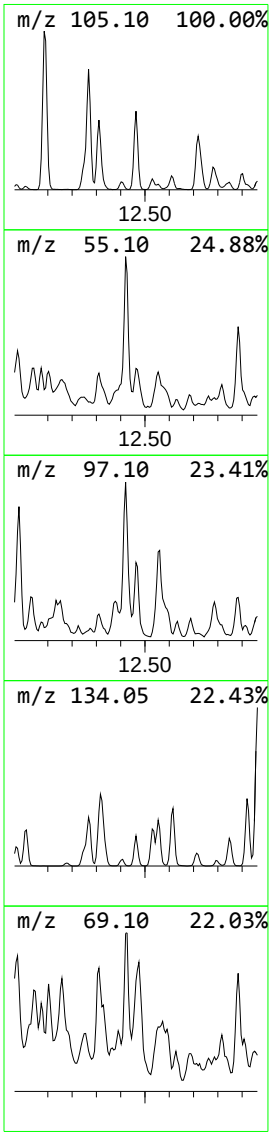
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 1-methyl-4-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	32.17 ug/L	980919	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

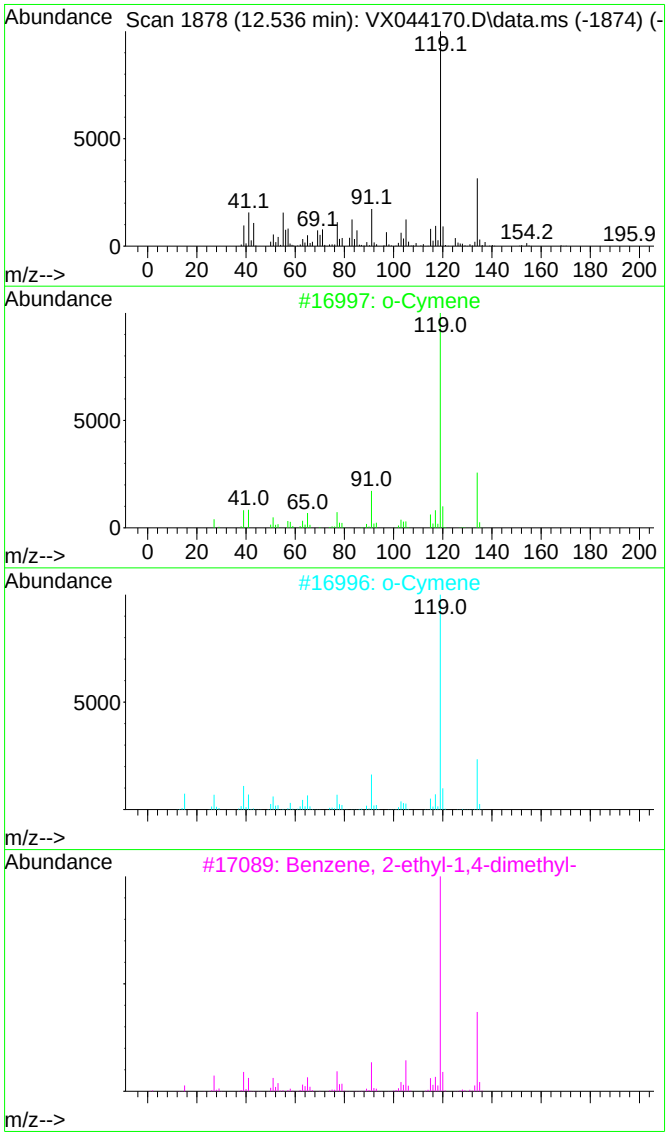
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

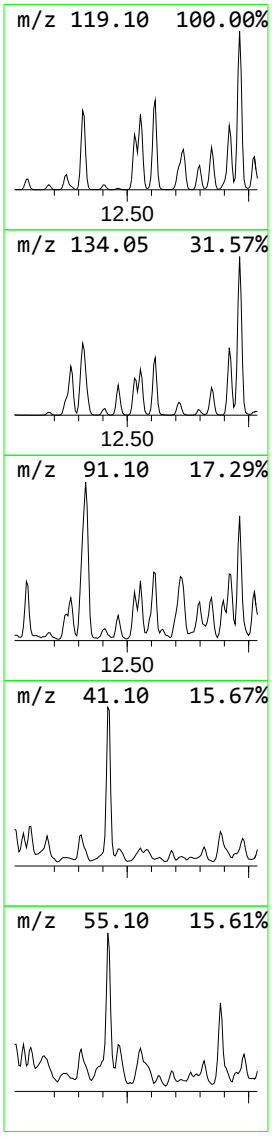
****

Peak Number 30 o-Cymene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	18.08 ug/L	551310	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	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-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

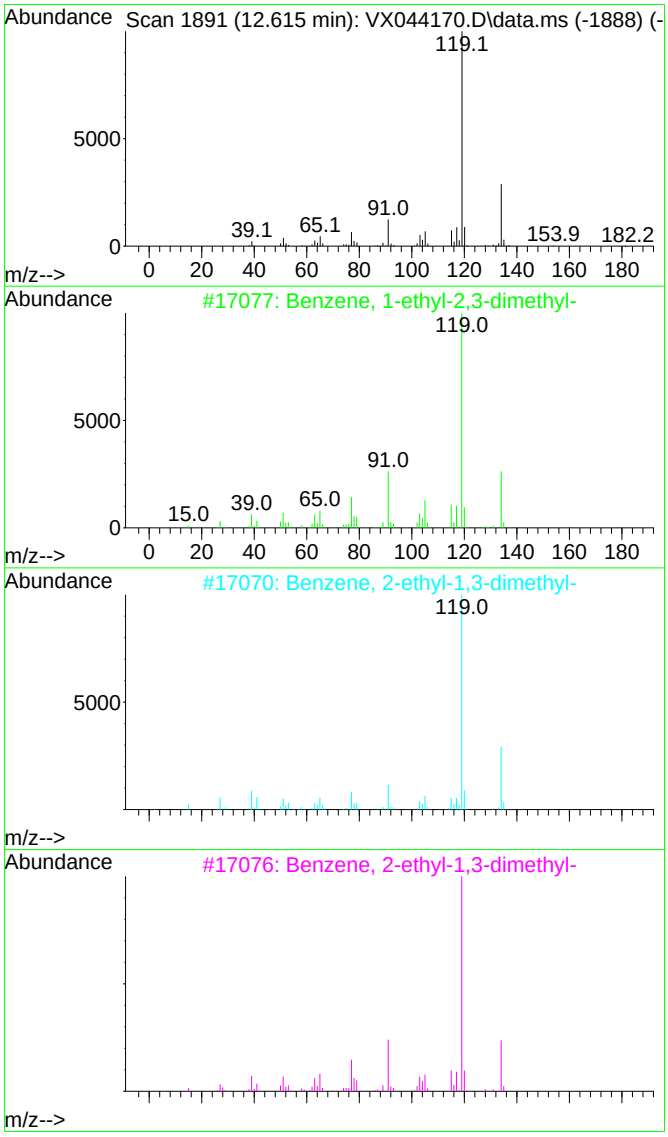
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

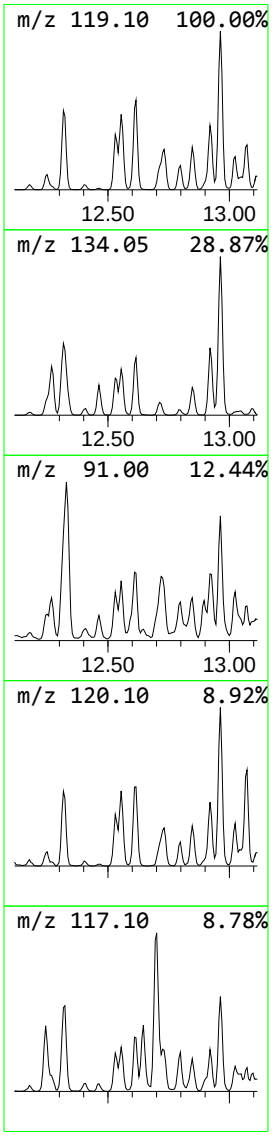
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.615	23.83 ug/L	726842	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	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

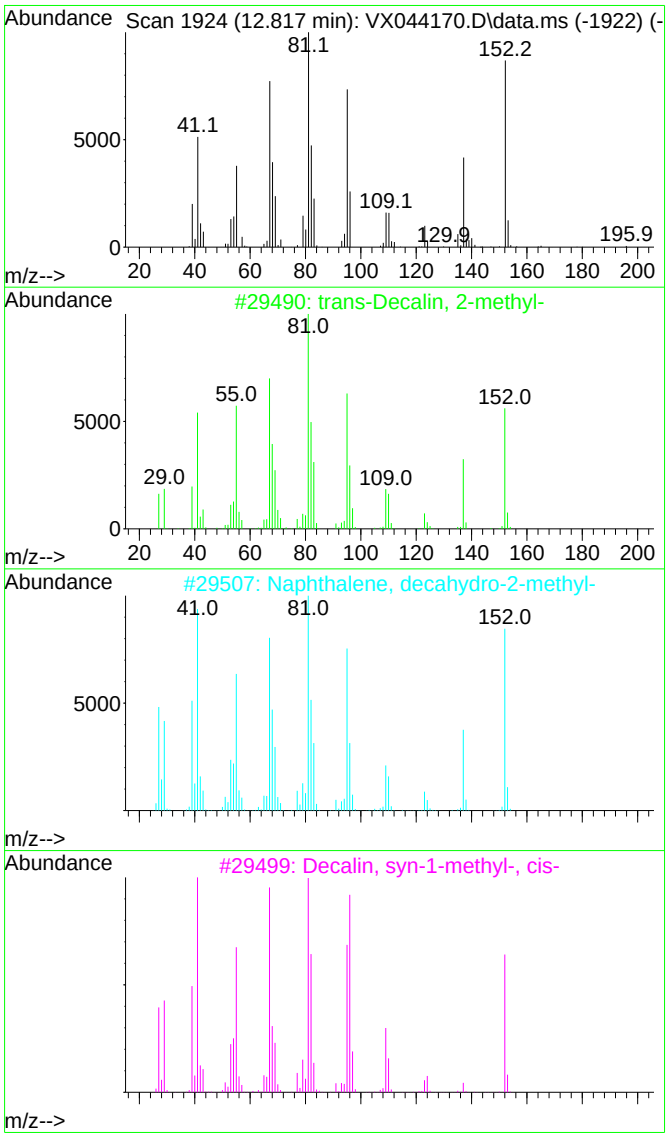
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

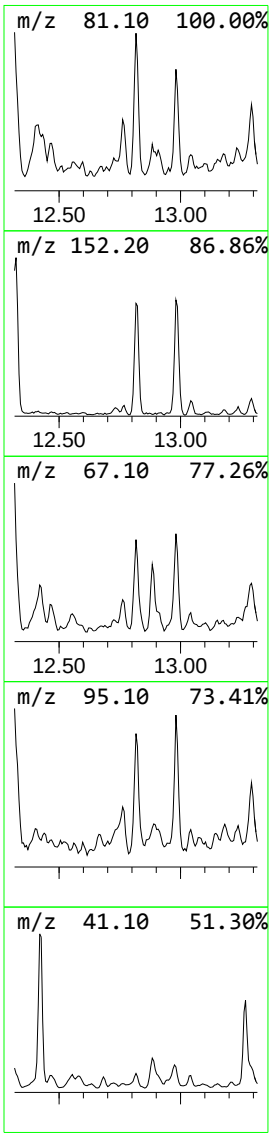
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 trans-Decalin, 2-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.817	9.84 ug/L	300069	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	74
4	Pulegone	152	C10H16O	000089-82-7	68
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

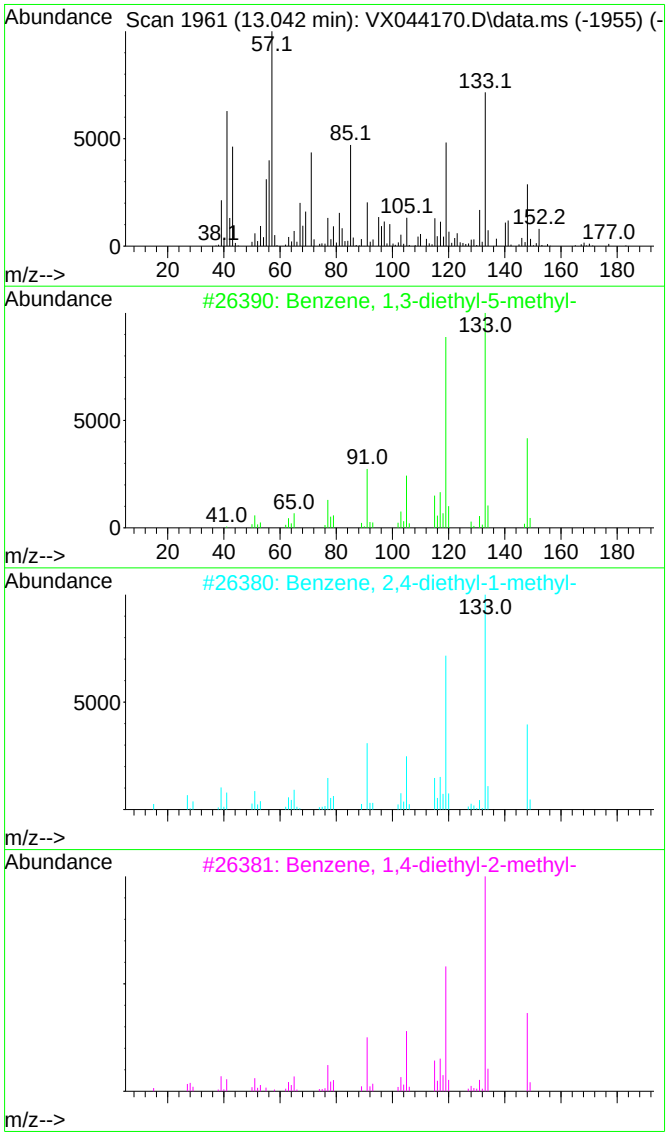
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

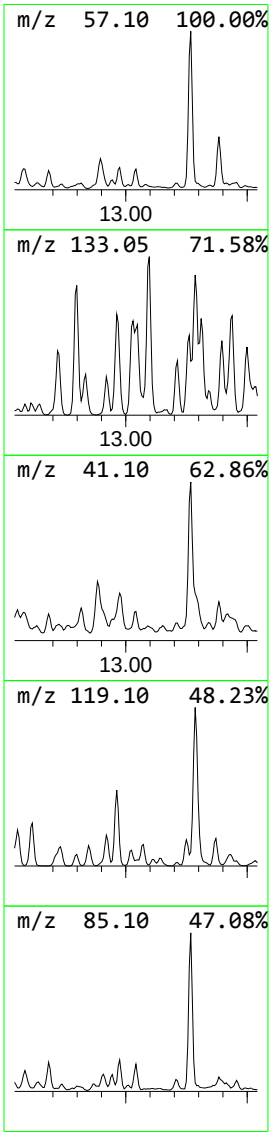
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.042	22.98 ug/L	700870	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	93
2	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	59
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	46
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	42
5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

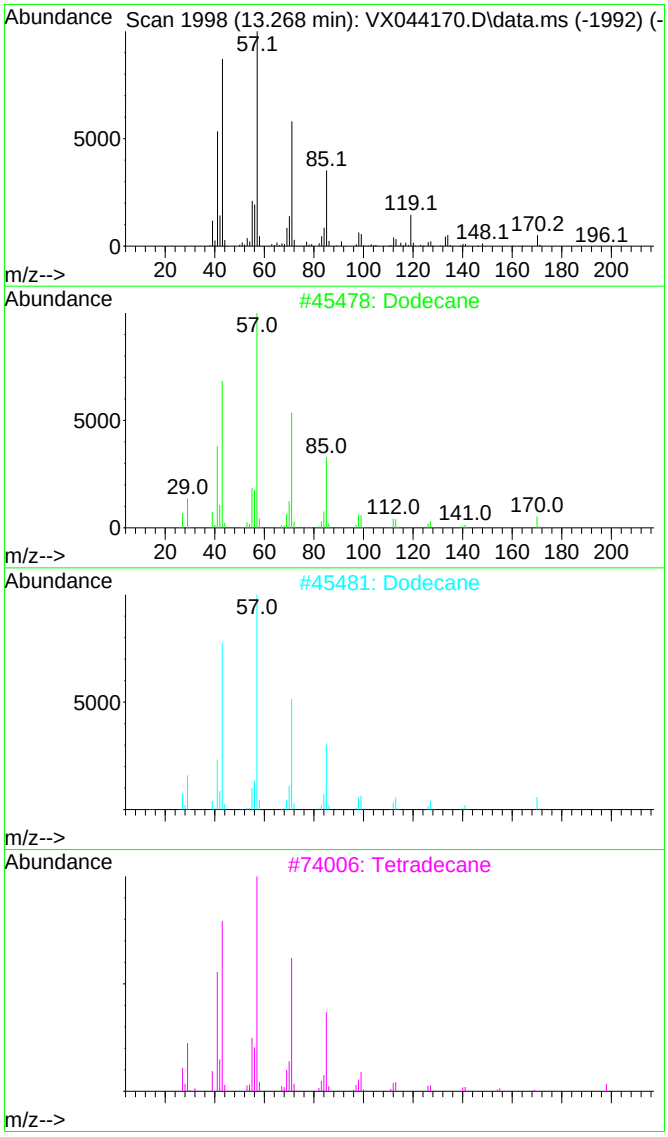
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

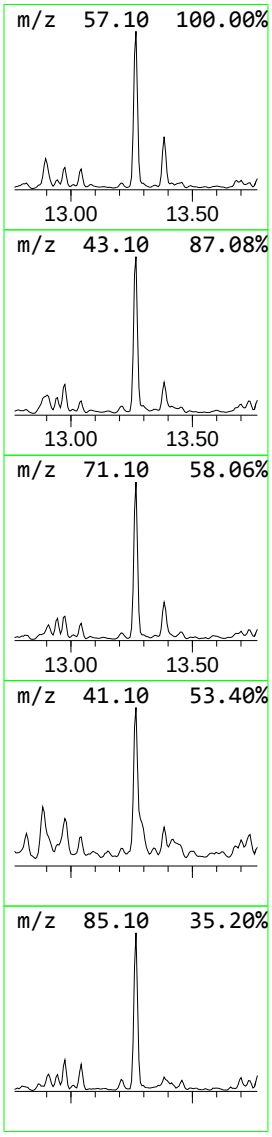
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	85.35 ug/L	2602850	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Dodecane	170	C12H26	000112-40-3	76
3	Tetradecane	198	C14H30	000629-59-4	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Undecane	156	C11H24	001120-21-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

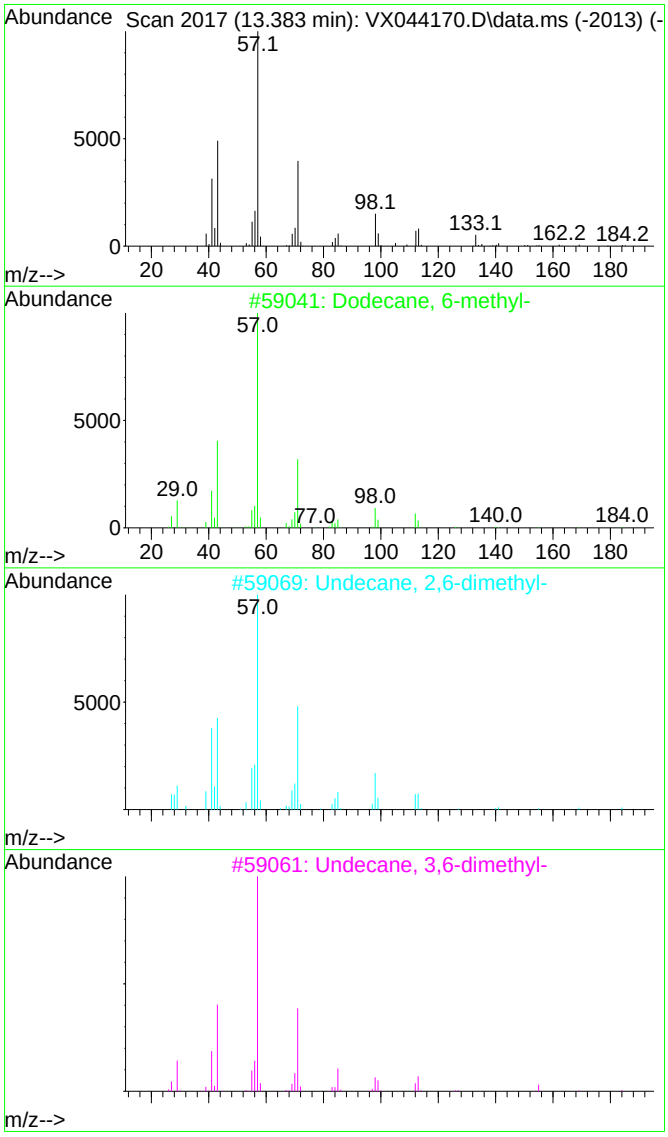
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

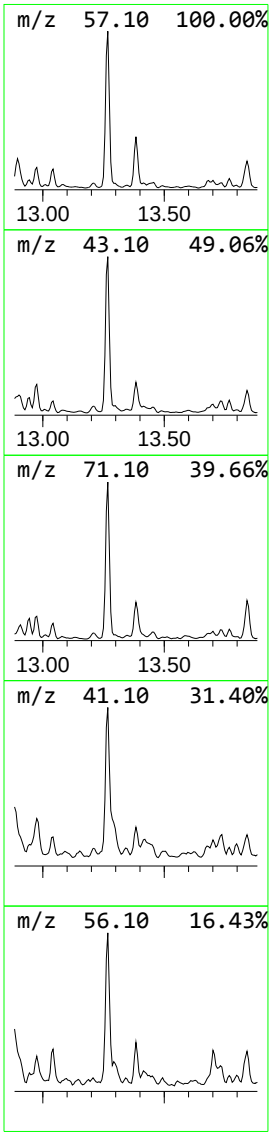
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.384	18.32 ug/L	558715	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-methyl-	184	C13H28	006044-71-9	94
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

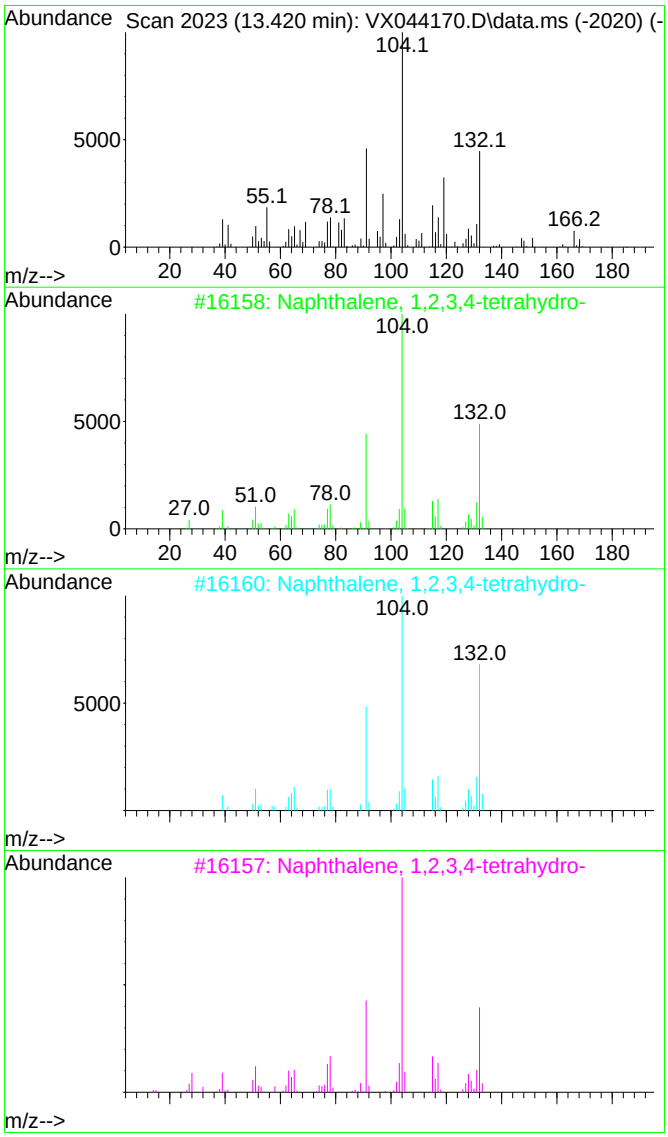
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

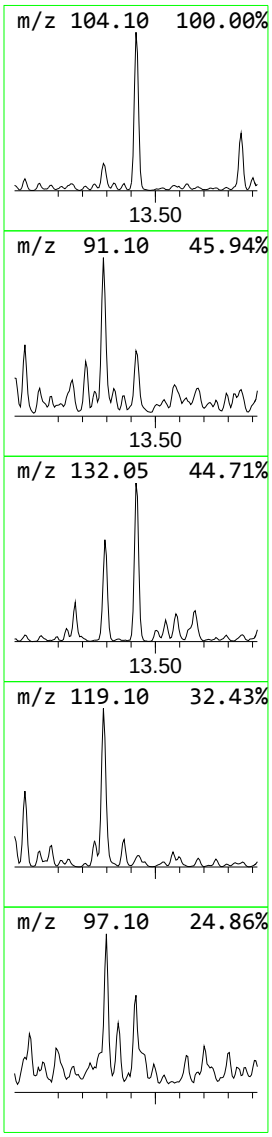
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	57.19 ug/L	1744140	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	86
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	70
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	64
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	58
5	Benzene, cyclobutyl-	132	C10H12	004392-30-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

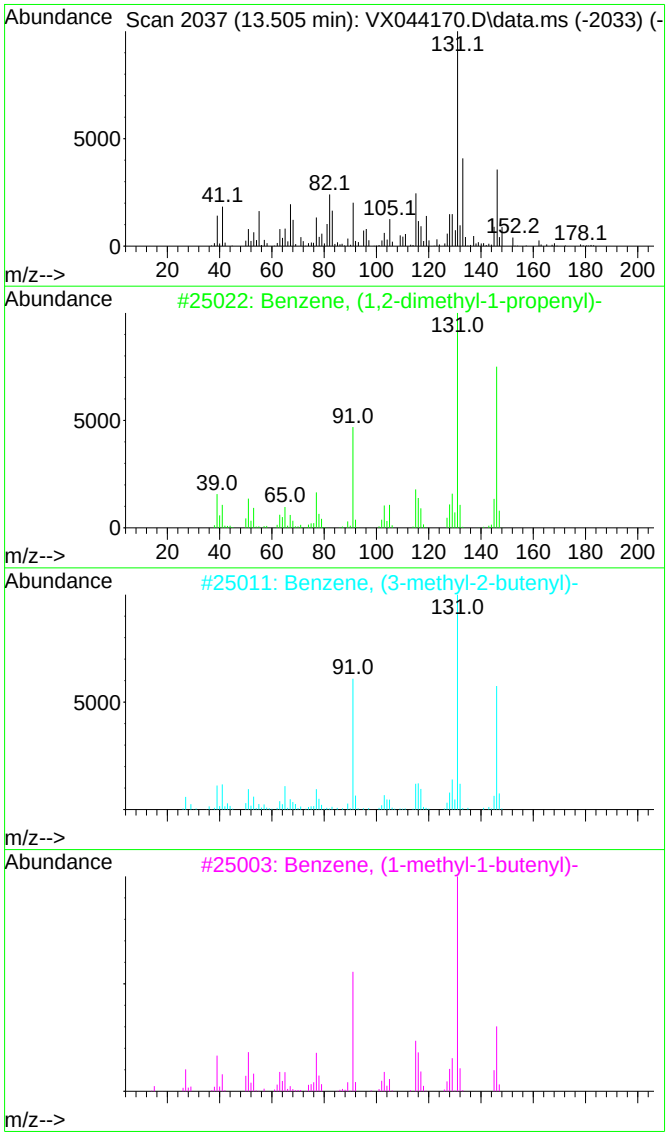
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

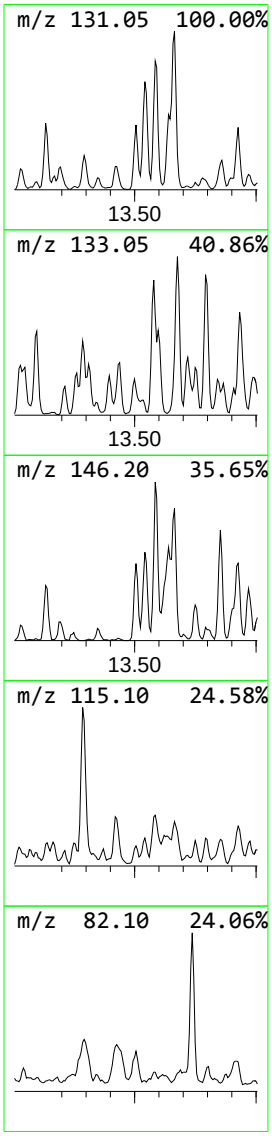
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.505	11.80 ug/L	359951	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	89
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

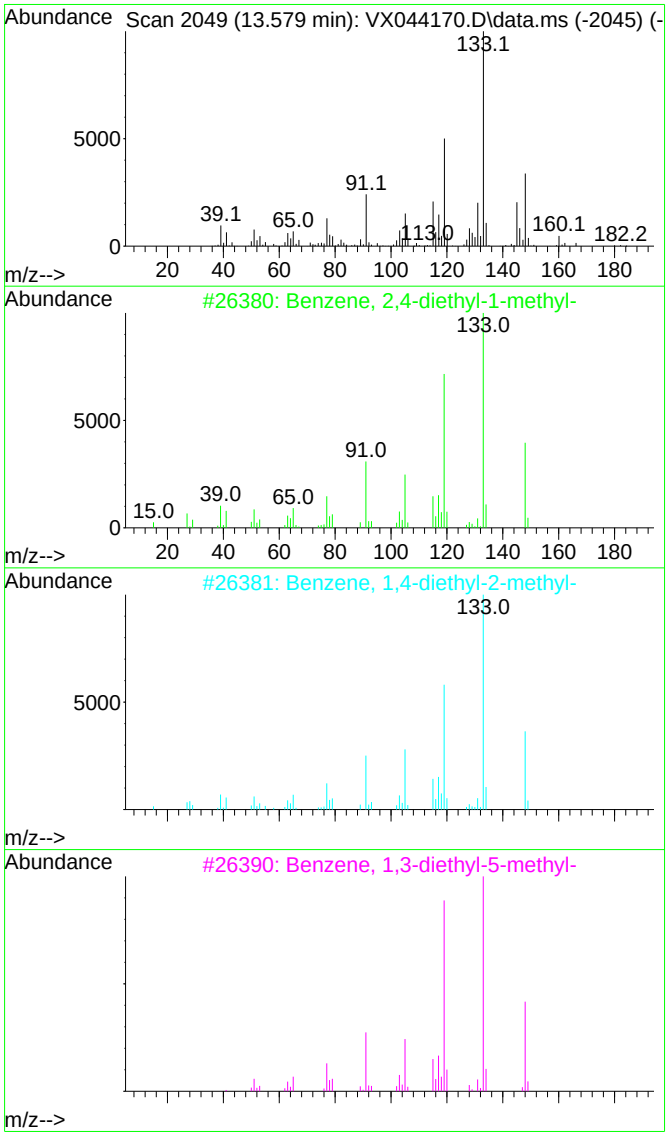
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

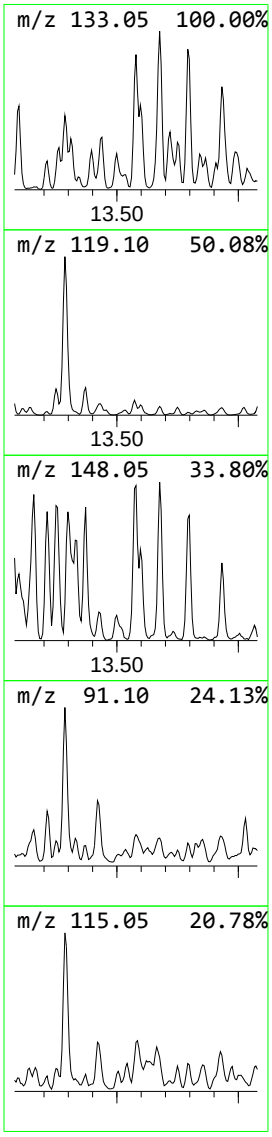
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Benzene, 2,4-diethyl-1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.579	27.29 ug/L	832063	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	93
2	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	76
3	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	50
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

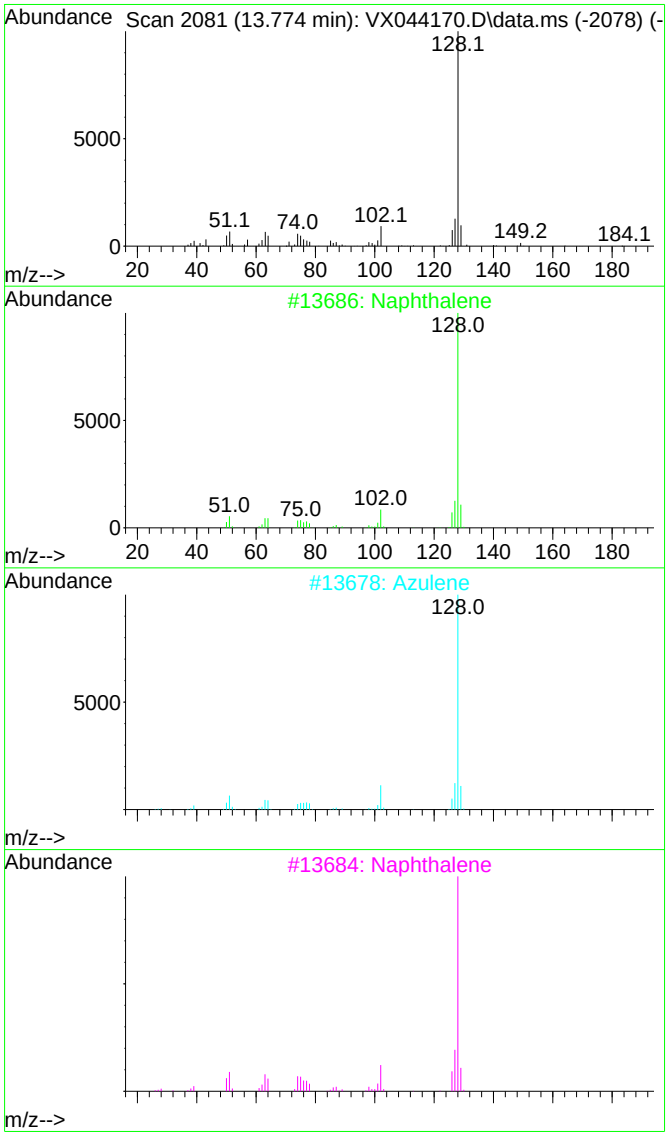
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

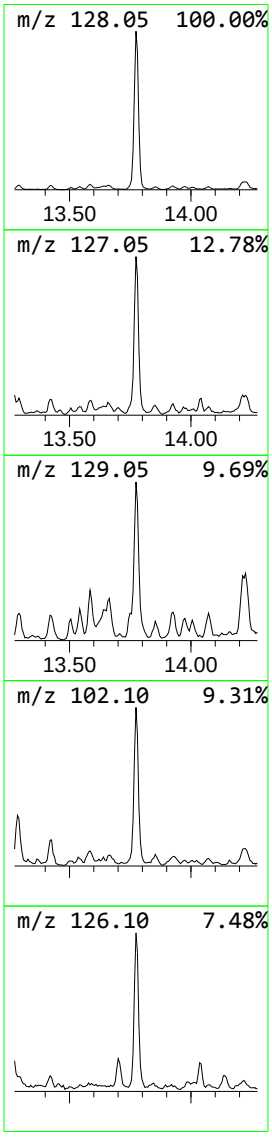
****

Peak Number 46 Azulene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	21.49 ug/L	655304	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	Naphthalene	128	C10H8	000091-20-3	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\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

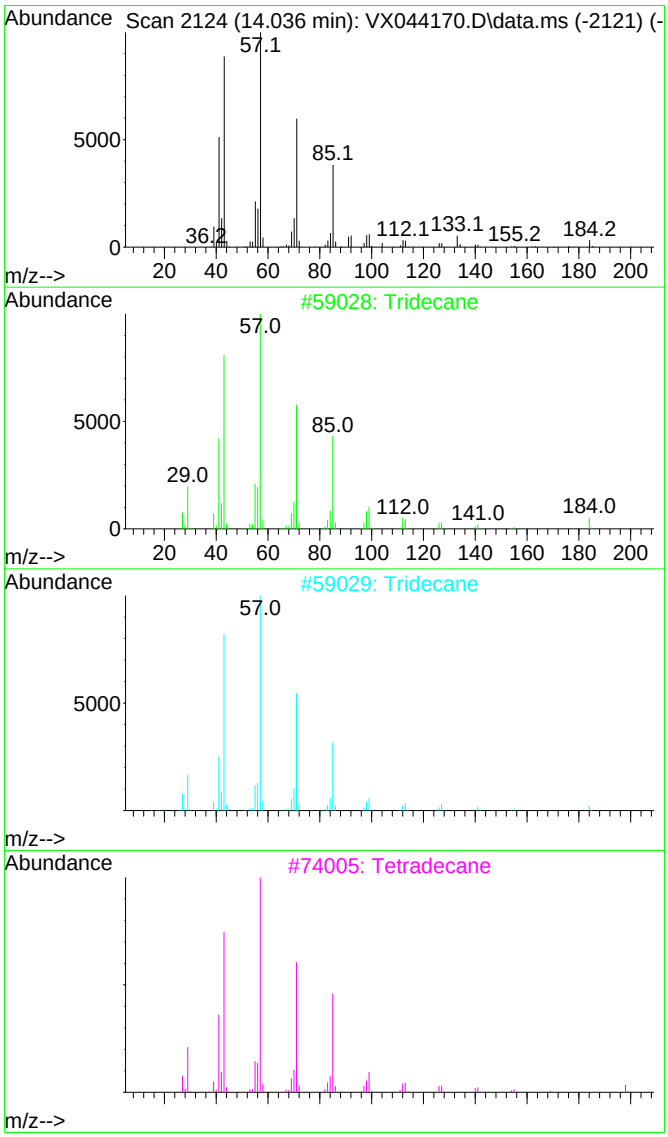
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

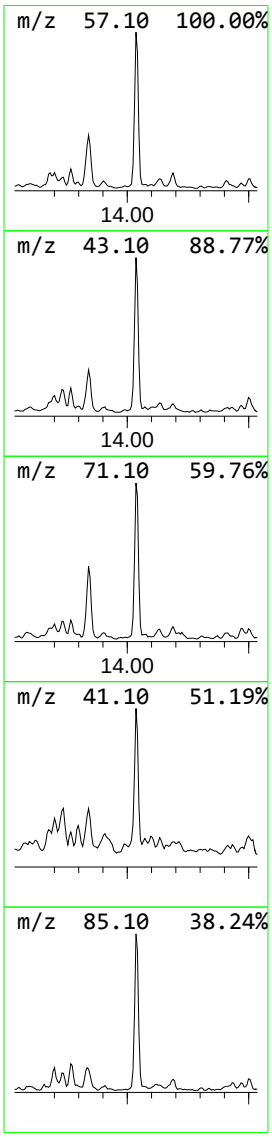
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.036	31.55 ug/L	962200	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	93
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Hexadecane	226	C16H34	000544-76-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

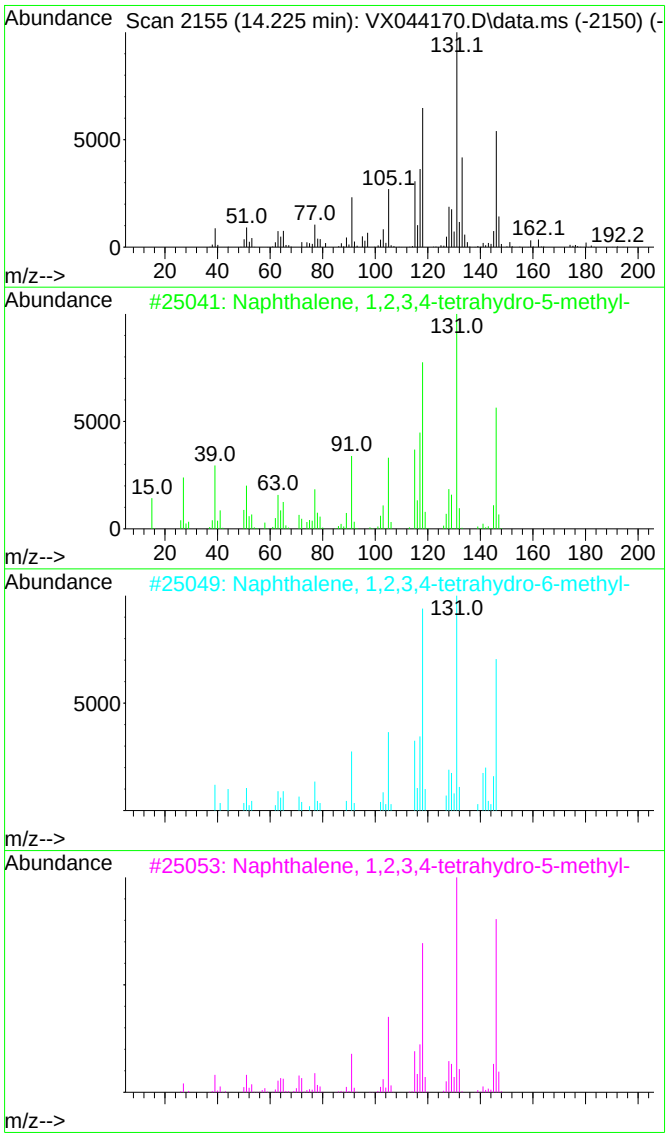
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

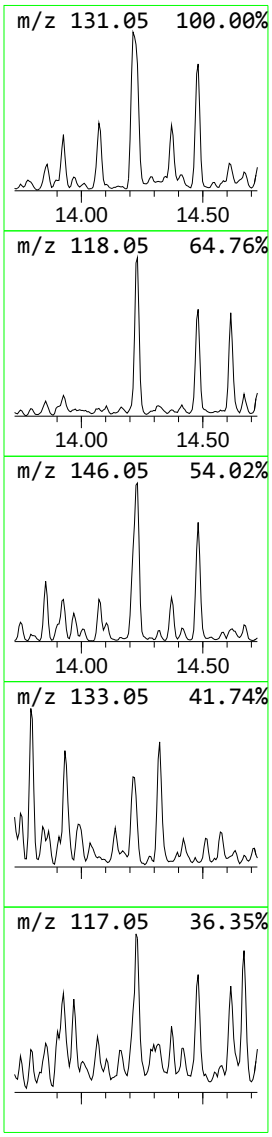
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.225	36.25 ug/L	1105390	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	89
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

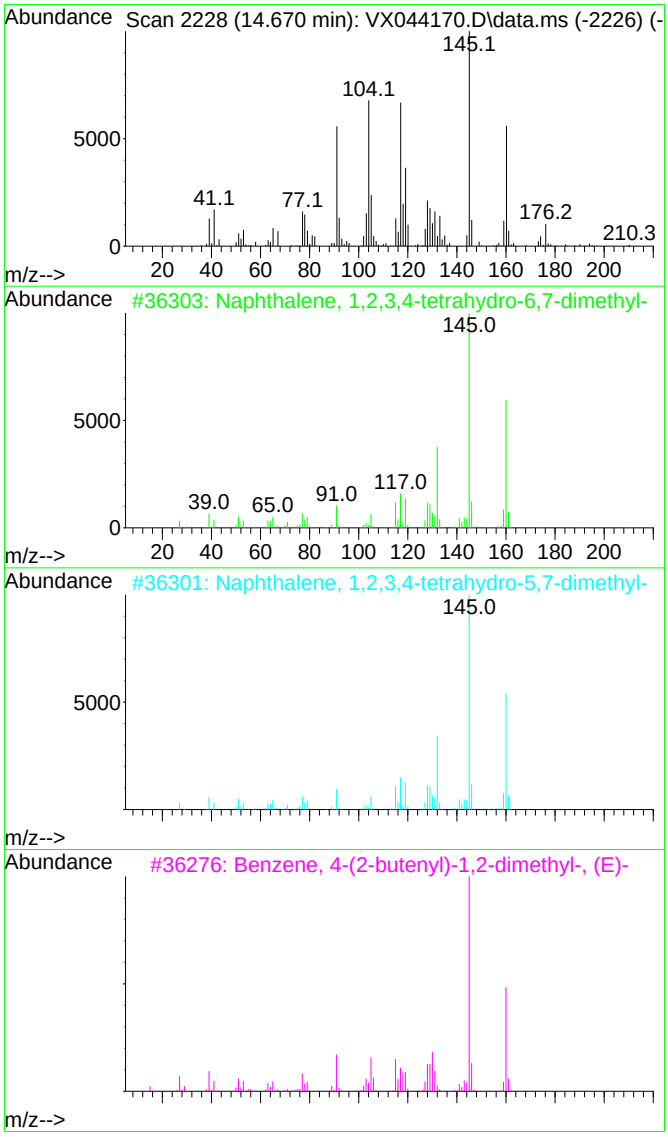
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

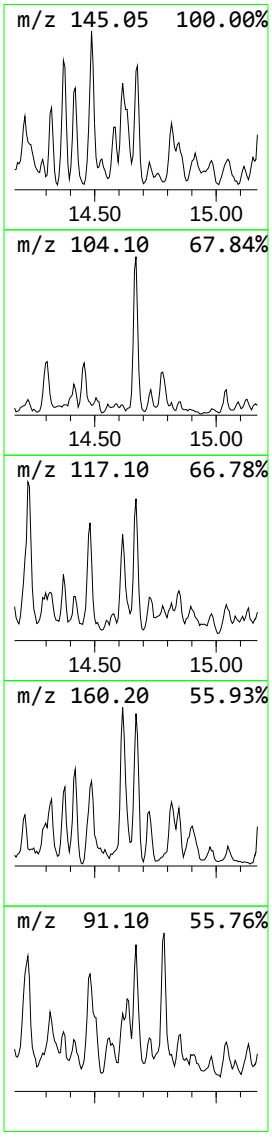
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	13.63 ug/L	415521	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	86
4	Benzene, cyclohexyl-	160	C12H16	000827-52-1	83
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

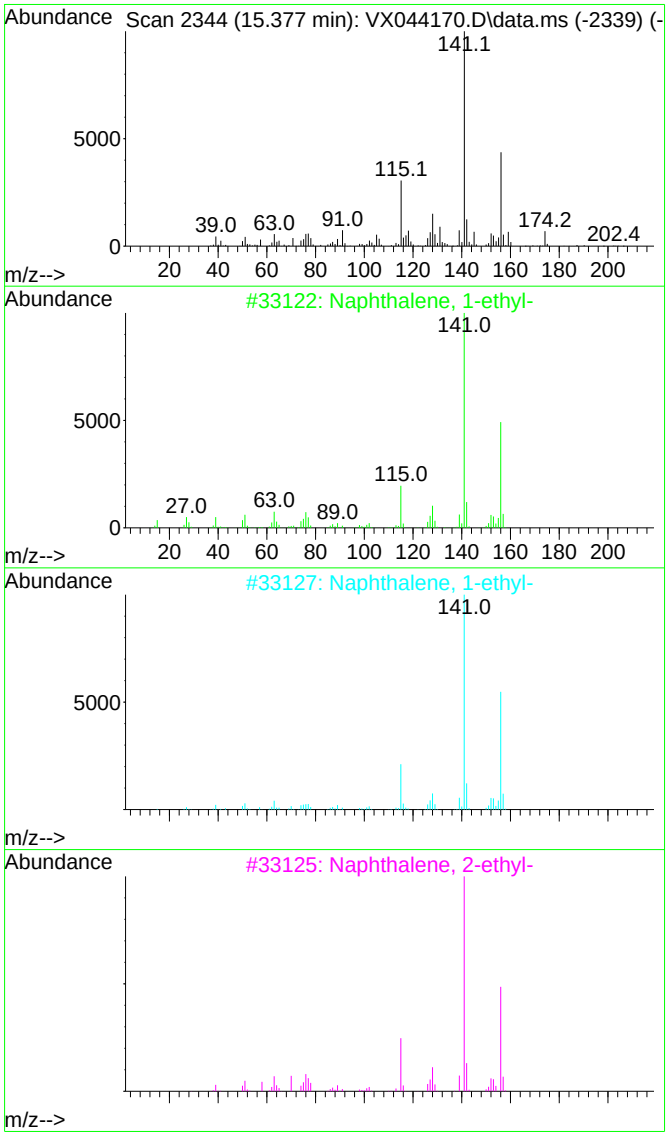
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

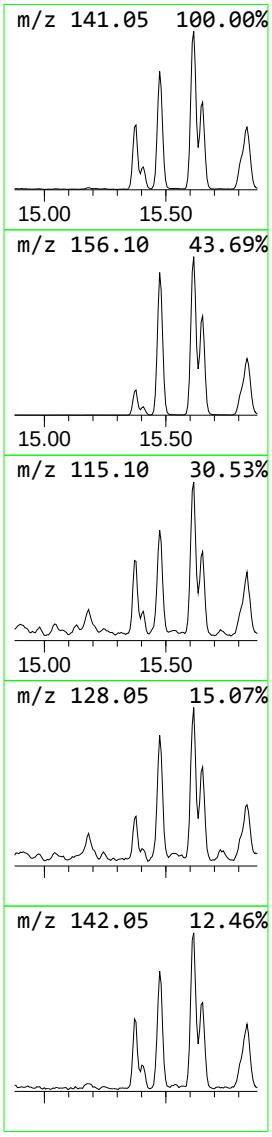
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Naphthalene, 1-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.377	23.21 ug/L	707771	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

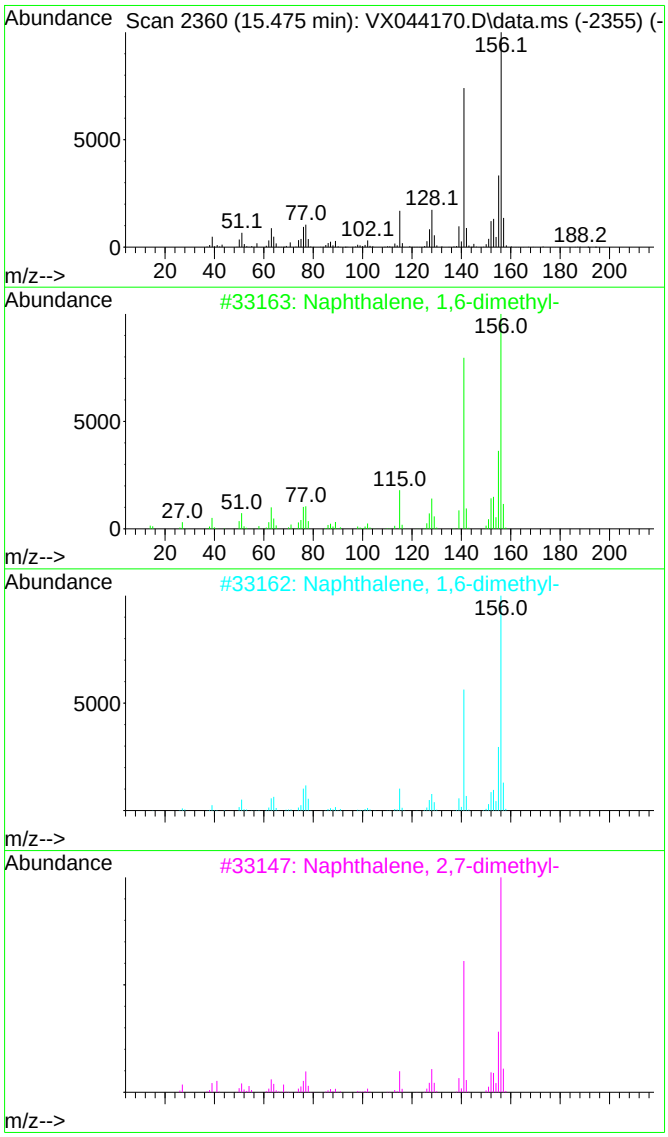
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

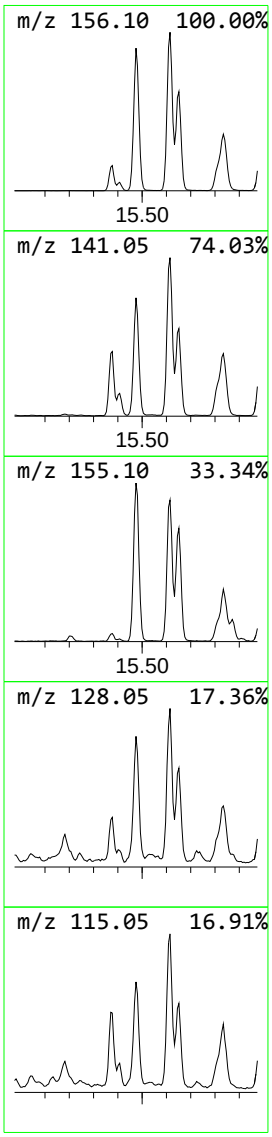
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.475	66.85 ug/L	2038590	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

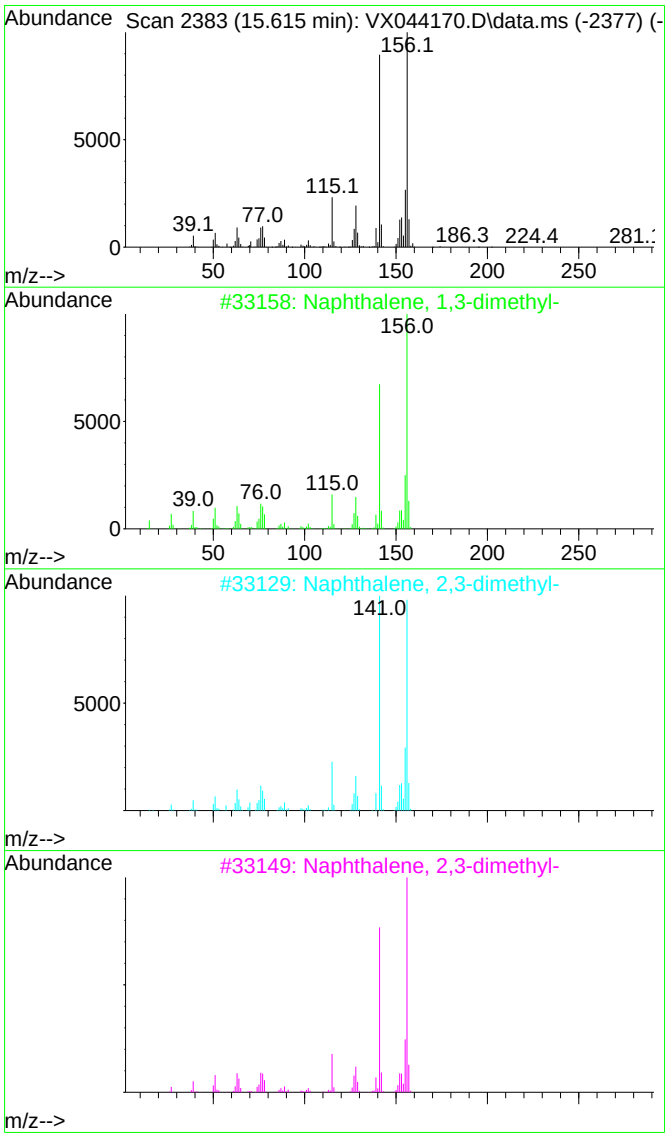
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

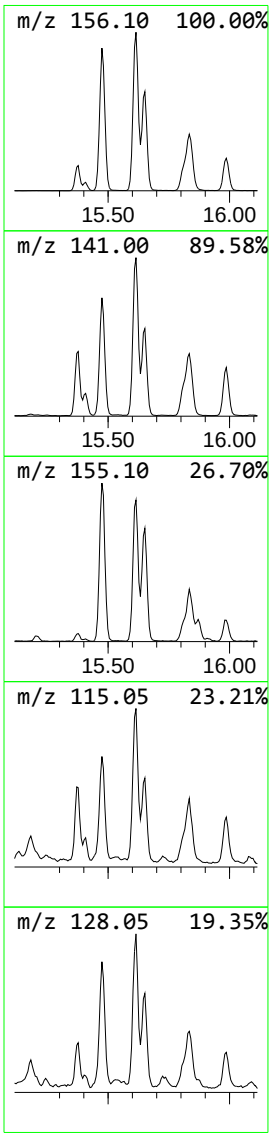
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.615	79.55 ug/L	2425980	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	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

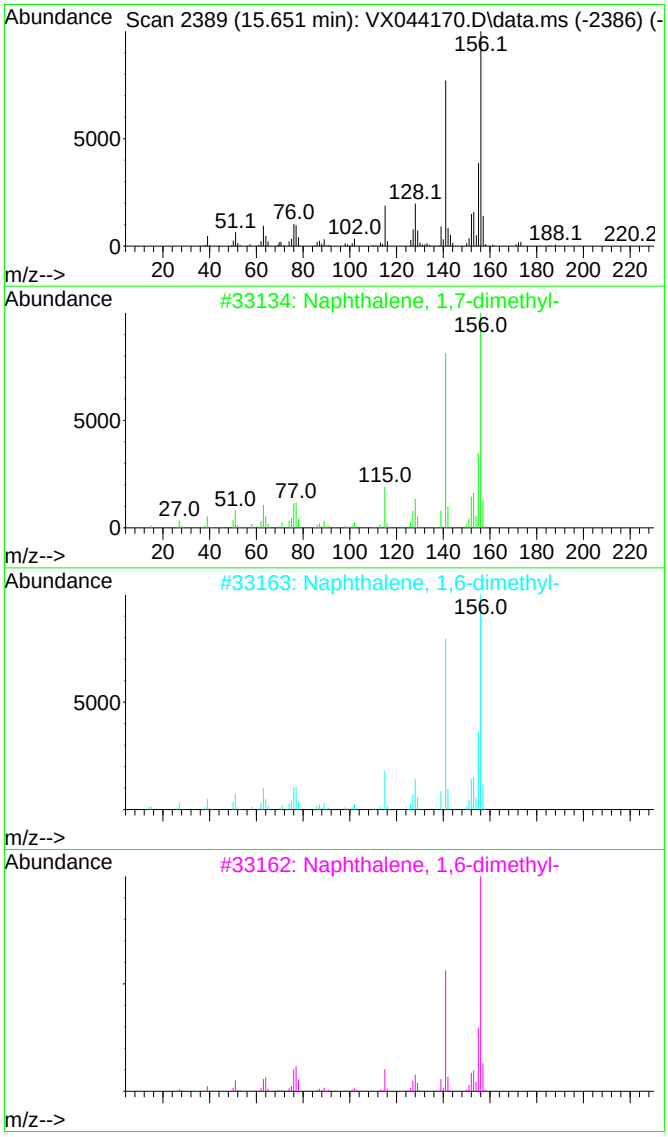
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

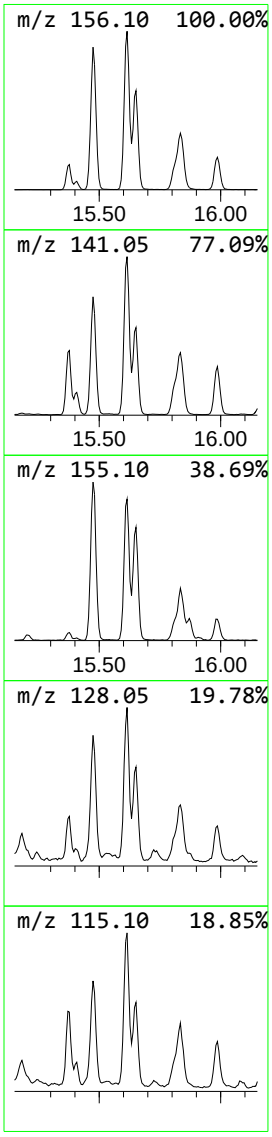
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	47.63 ug/L	1452410	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

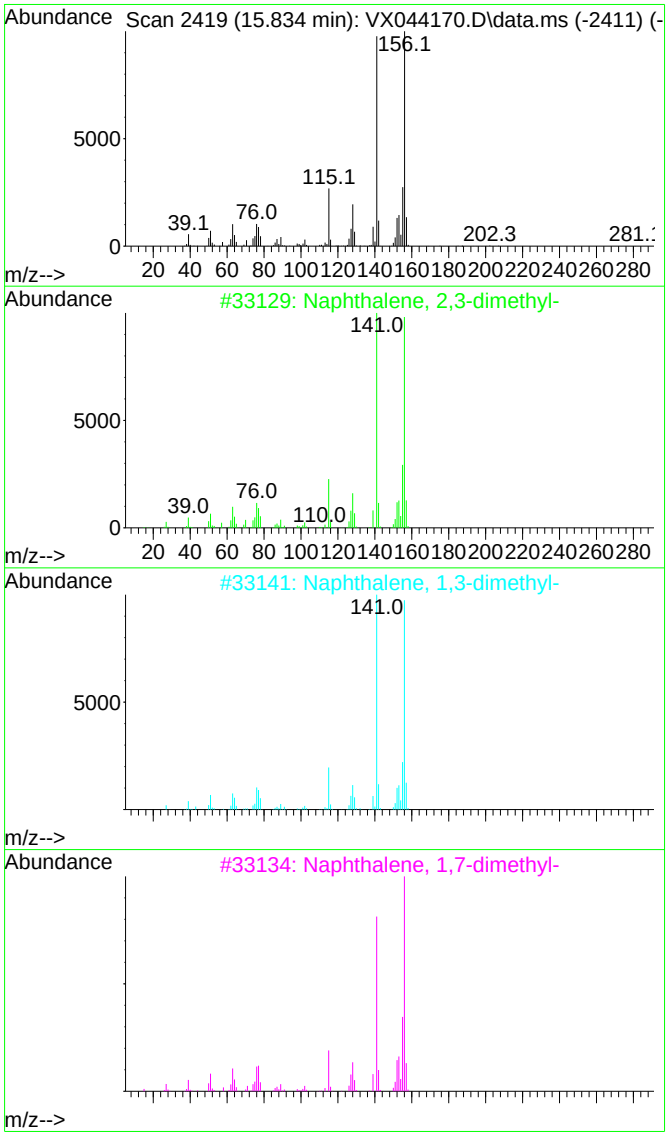
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

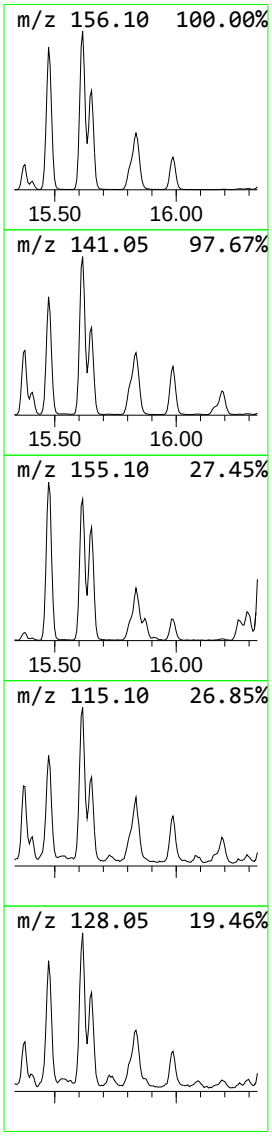
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Naphthalene, 2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.834	45.59 ug/L	1390350	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

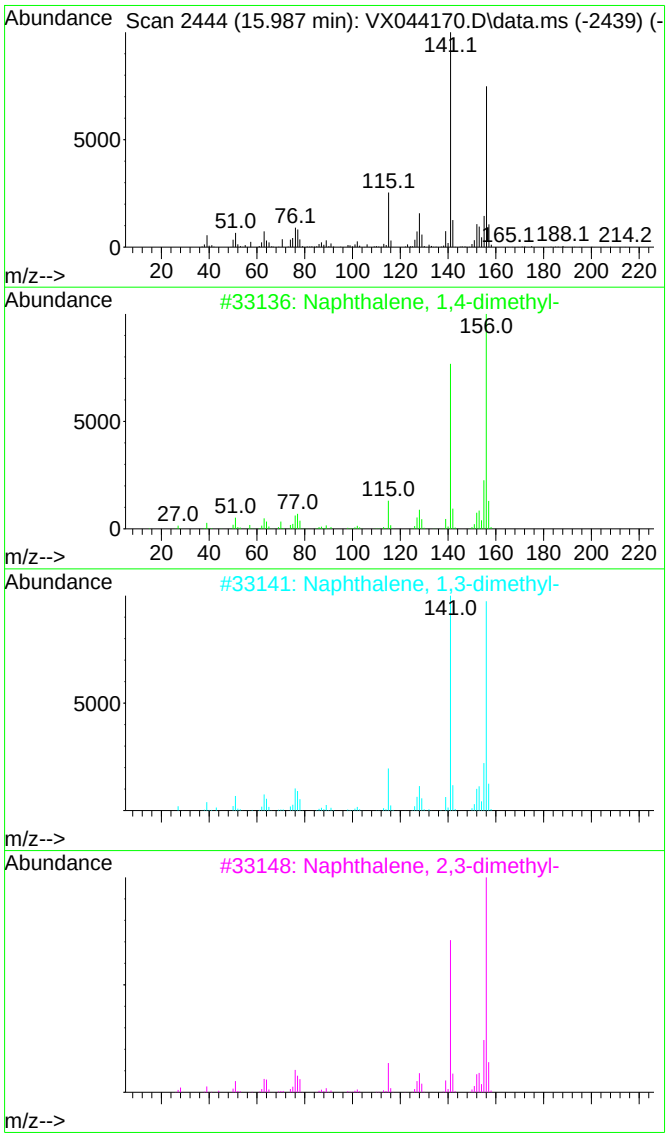
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

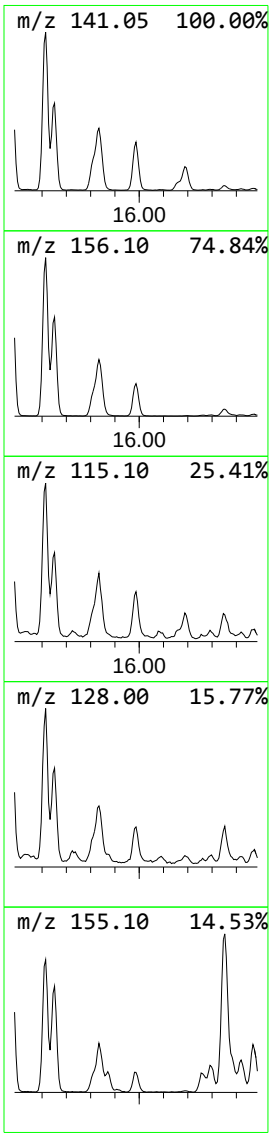
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Naphthalene, 1,4-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.987	23.18 ug/L	706980	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

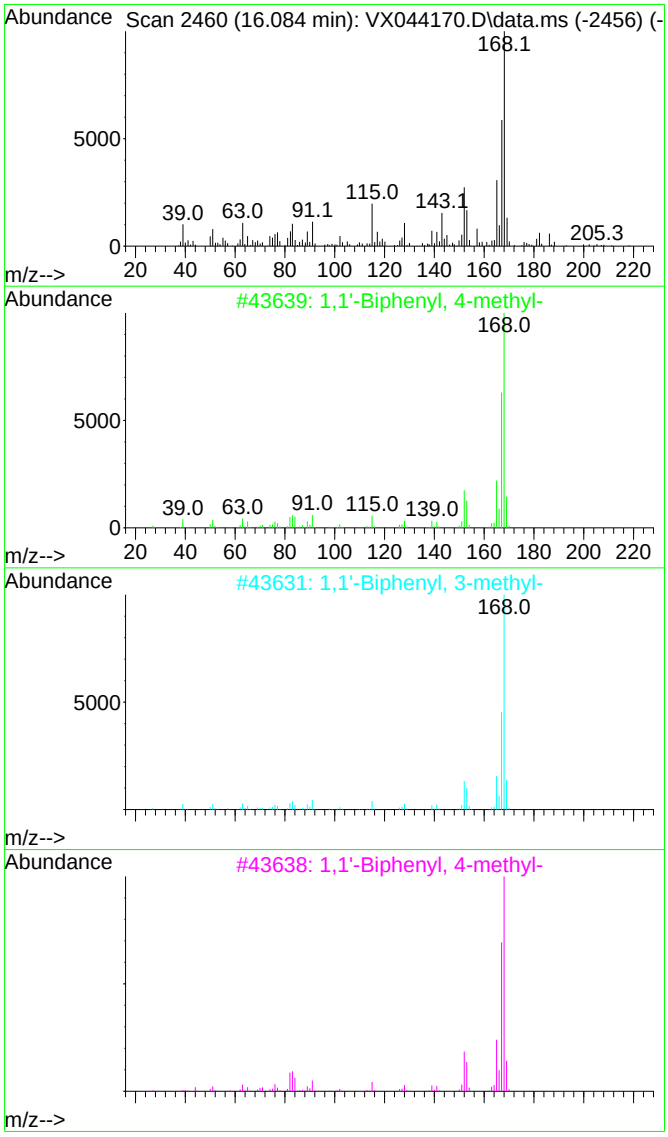
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

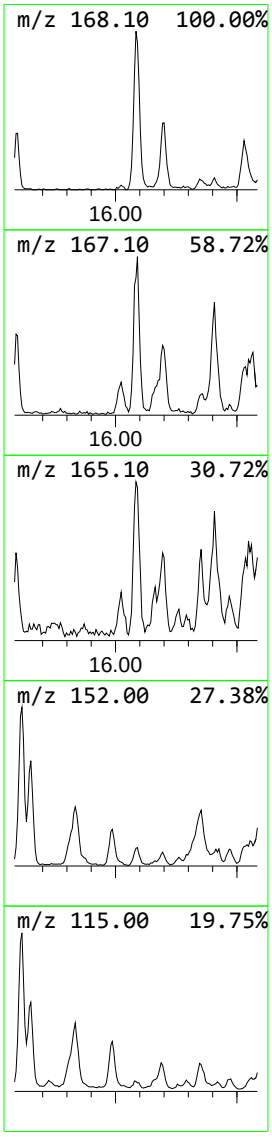
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 1,1'-Biphenyl, 4-methyl- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.084	5.14 ug/L	156808	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	93
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

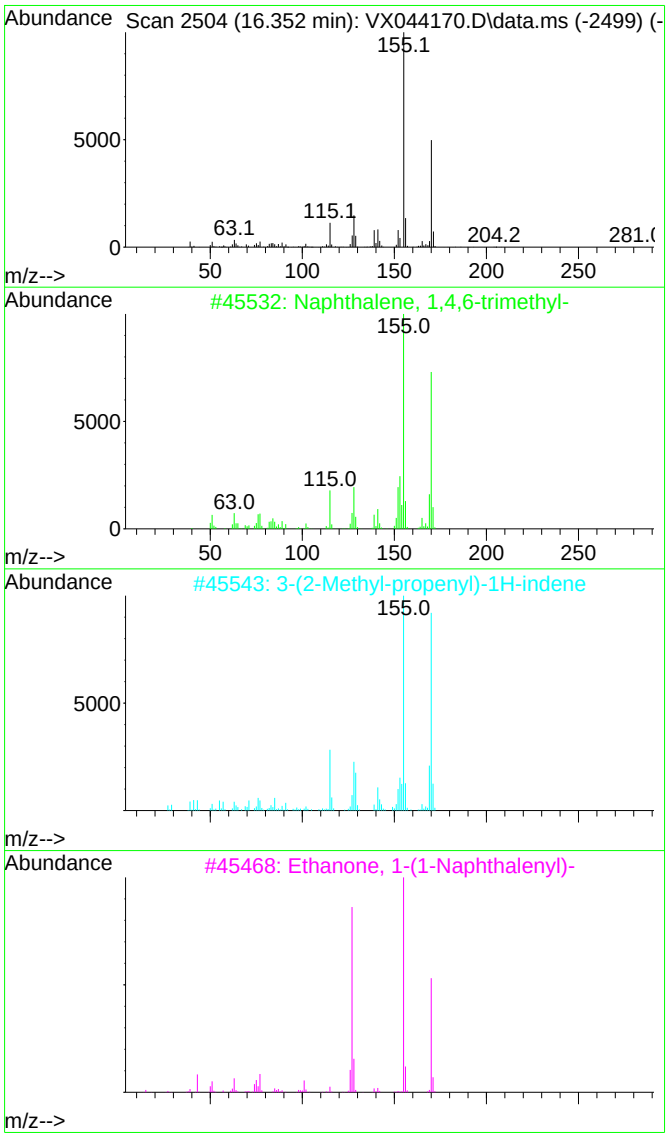
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

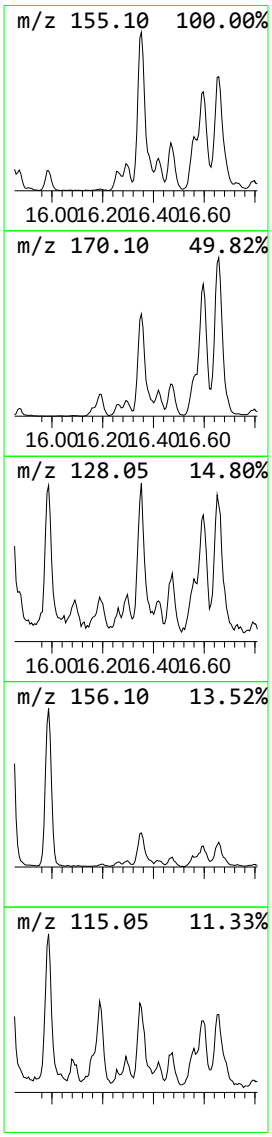
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 Naphthalene, 1,4,6-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.352	17.19 ug/L	524149	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
3	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	86
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	80
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

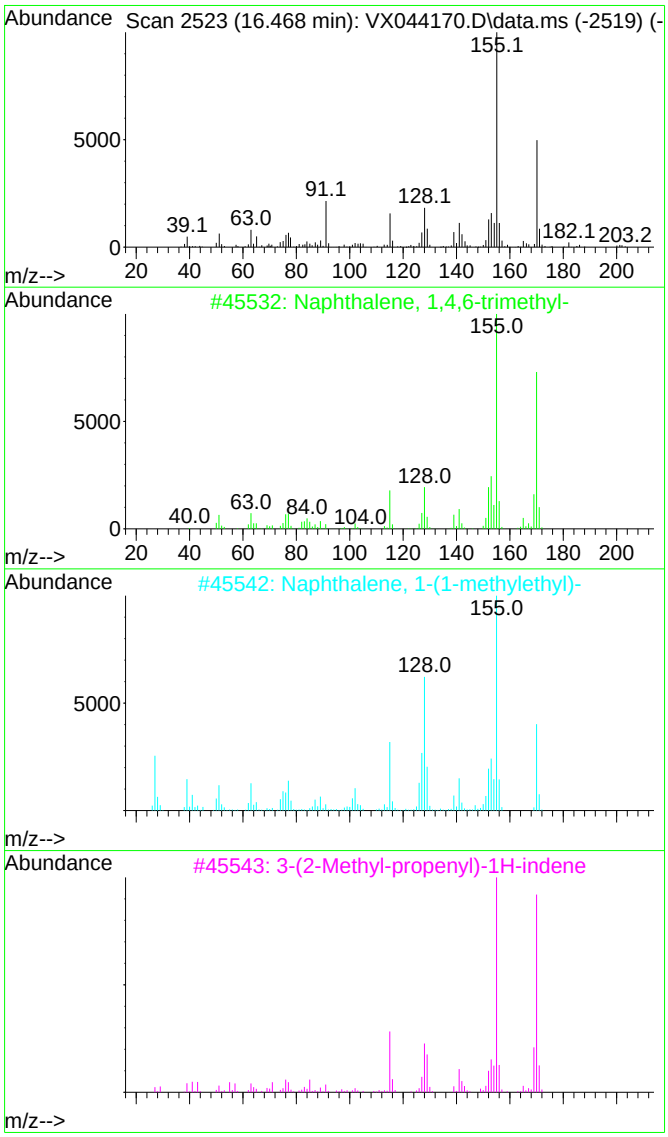
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

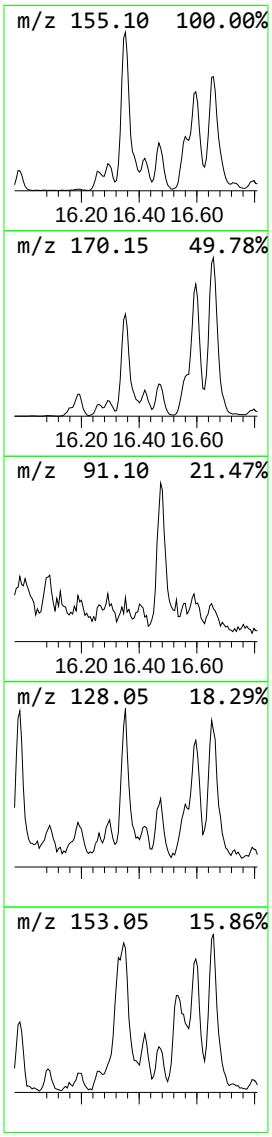
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 Naphthalene, 1-(1-methyleth... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.468	6.94 ug/L	211602	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	94
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

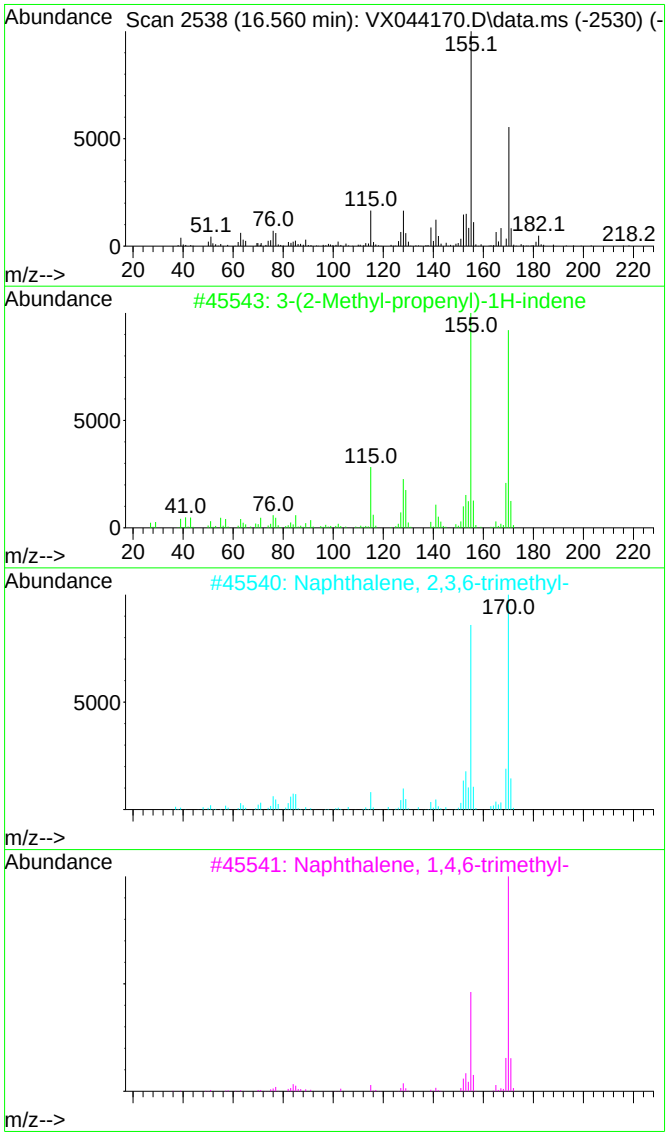
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

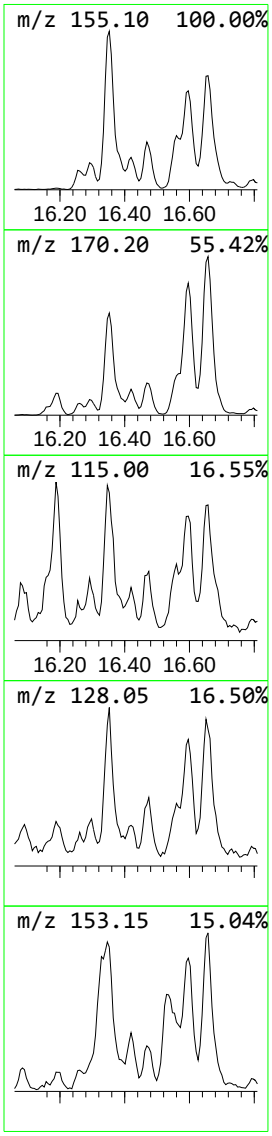
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 71 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.560	11.65 ug/L	355256	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

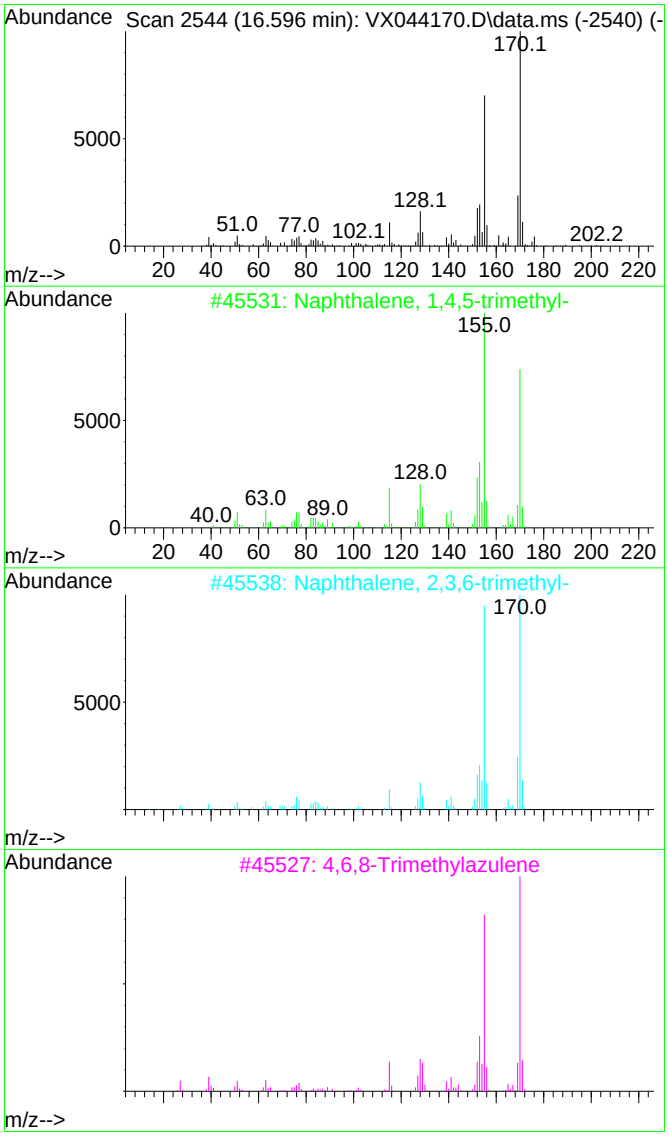
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

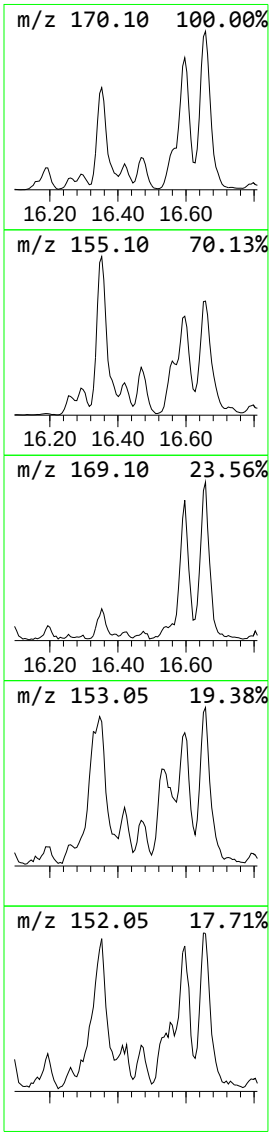
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 Naphthalene, 1,4,5-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.596	22.37 ug/L	682267	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

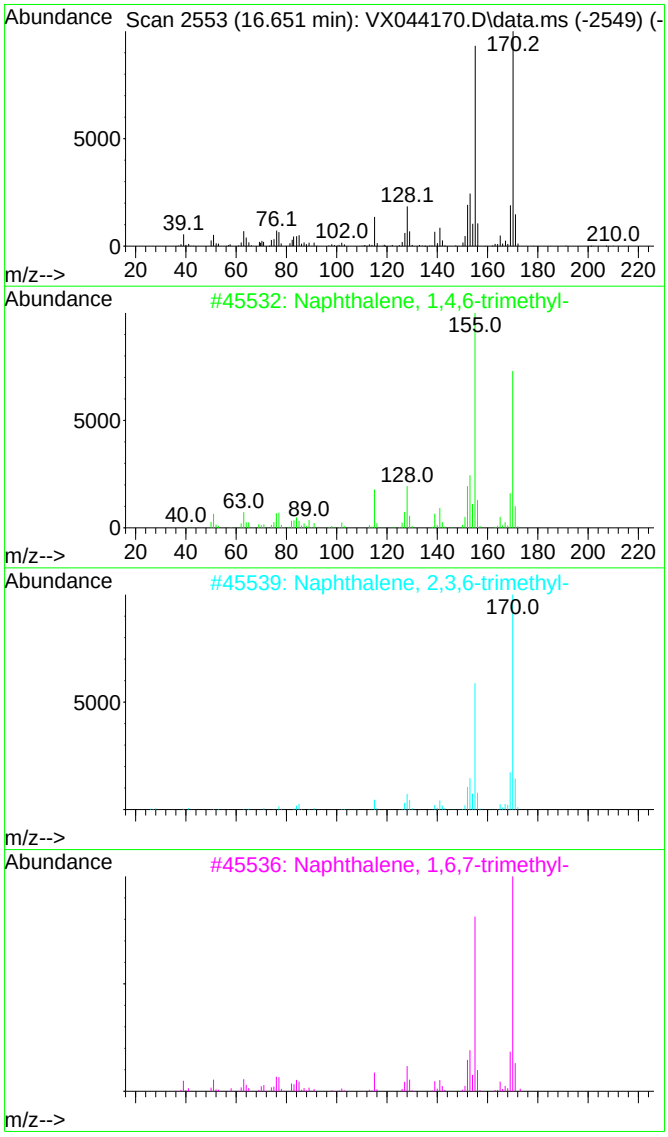
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
Quant Title : VOC Analysis

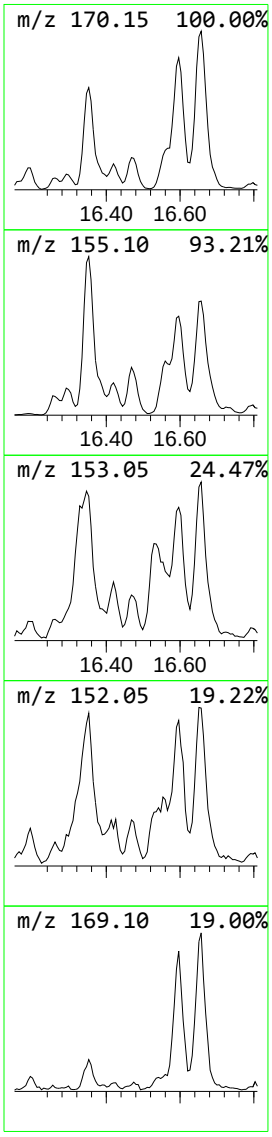
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.651	28.54 ug/L	870224	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
Data File : VX044170.D
Acq On : 06 Dec 2024 12:45
Operator : JC/MD
Sample : P5066-02
Misc : 5.89g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
E28M1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.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...	9.610	15.7	ug/L	165788	2	10.055	528091	50.0
(DEL) Alkane: C...	9.823	16.9	ug/L	178071	2	10.055	528091	50.0
(DEL) Alkane: S...	10.360	369.0	ug/L	3897750	2	10.055	528091	50.0
(DEL) Alkane: S...	10.530	14.7	ug/L	155532	2	10.055	528091	50.0
(DEL) Alkane: C...	10.585	259.6	ug/L	2742000	2	10.055	528091	50.0
(DEL) Alkane: C...	10.750	116.4	ug/L	1229230	2	10.055	528091	50.0
(DEL) Alkane: C...	10.853	426.4	ug/L	4504060	2	10.055	528091	50.0
(DEL) Alkane: C...	11.573	10.6	ug/L	323615	3	12.024	1524760	50.0
(DEL) Alkane: C...	11.945	72.0	ug/L	2194280	3	12.024	1524760	50.0
D-Limonene	11.969	38.5	ug/L	1173500	3	12.024	1524760	50.0
Benzene, 1-meth...	12.268	14.5	ug/L	441085	3	12.024	1524760	50.0
(DEL) Alkane: S...	12.420	125.6	ug/L	3830580	3	12.024	1524760	50.0
Benzene, 1-meth...	12.463	32.2	ug/L	980919	3	12.024	1524760	50.0
o-Cymene	12.536	18.1	ug/L	551310	3	12.024	1524760	50.0
Benzene, 1-ethy...	12.615	23.8	ug/L	726842	3	12.024	1524760	50.0
trans-Decalin, ...	12.817	9.8	ug/L	300069	3	12.024	1524760	50.0
Benzene, 1,3-di...	13.042	23.0	ug/L	700870	3	12.024	1524760	50.0
(DEL) Alkane: S...	13.268	85.3	ug/L	2602850	3	12.024	1524760	50.0
(DEL) Alkane: S...	13.384	18.3	ug/L	558715	3	12.024	1524760	50.0
Naphthalene, 1,...	13.420	57.2	ug/L	1744140	3	12.024	1524760	50.0
Benzene, (1,2-d...	13.505	11.8	ug/L	359951	3	12.024	1524760	50.0
Benzene, 2,4-di...	13.579	27.3	ug/L	832063	3	12.024	1524760	50.0
Azulene	13.774	21.5	ug/L	655304	3	12.024	1524760	50.0
(DEL) Alkane: S...	14.036	31.6	ug/L	962200	3	12.024	1524760	50.0
Naphthalene, 1,...	14.225	36.3	ug/L	1105390	3	12.024	1524760	50.0
Naphthalene, 1,...	14.670	13.6	ug/L	415521	3	12.024	1524760	50.0
Naphthalene, 1-...	15.377	23.2	ug/L	707771	3	12.024	1524760	50.0
Naphthalene, 1,...	15.475	66.8	ug/L	2038590	3	12.024	1524760	50.0
Naphthalene, 1,...	15.615	79.5	ug/L	2425980	3	12.024	1524760	50.0
Naphthalene, 1,...	15.651	47.6	ug/L	1452410	3	12.024	1524760	50.0
Naphthalene, 2,...	15.834	45.6	ug/L	1390350	3	12.024	1524760	50.0
Naphthalene, 1,...	15.987	23.2	ug/L	706980	3	12.024	1524760	50.0
1,1'-Biphenyl, ...	16.084	5.1	ug/L	156808	3	12.024	1524760	50.0
Naphthalene, 1,...	16.352	17.2	ug/L	524149	3	12.024	1524760	50.0
Naphthalene, 1-...	16.468	6.9	ug/L	211602	3	12.024	1524760	50.0
3-(2-Methyl-pro...	16.560	11.7	ug/L	355256	3	12.024	1524760	50.0
Naphthalene, 1,...	16.596	22.4	ug/L	682267	3	12.024	1524760	50.0
Naphthalene, 1,...	16.651	28.5	ug/L	870224	3	12.024	1524760	50.0