LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.996	488	510	540	rVB2	257191	1240141	9.30%	0.381%
2	5.472	572	588	609	rBV	183827	700132	5.25%	0.215%
3	6.899	811	822	833	rVV	305880	1056786	7.92%	0.324%
4	7.941	975	993	1003	rBV3	1363462	4359662	32.69%	1.338%
5	8.051	1003	1011	1022	rVB	1036125	2774146	20.80%	0.851%
6	8.173	1022	1031	1049	rVB	3690340	8818521	66.13%	2.706%
7	8.447	1066	1076	1078	rBV2	789923	1823287	13.67%	0.559%
8	8.496	1078	1084	1094	rVB	1548441	4911096	36.83%	1.507%
9	8.587	1094	1099	1109	rVB	502785	1192470	8.94%	0.366%
10	8.849	1129	1142	1154	rBV2	679312	1737432	13.03%	0.533%
11	9.081	1173	1180	1186	rBV	257058	588209	4.41%	0.180%
12	9.154	1186	1192	1207	rVB	315896	807078	6.05%	0.248%
13	9.337	1207	1222	1227	rBV3	2777506	7984594	59.87%	2.450%
14	9.392	1227	1231	1240	rVB	2064784	4188045	31.40%	1.285%
15	9.526	1247	1253	1258	rVB2	482838	875347	6.56%	0.269%
16	9.618	1258	1268	1276	rVB3	1556815	3971151	29.78%	1.219%
17	9.764	1284	1292	1303	rVB2	2564573	5802884	43.51%	1.781%
18	9.904	1303	1315	1320	rBV	3006519	6519221	48.88%	2.000%
19	9.959	1320	1324	1326	rBV4	535267	827528	6.21%	0.254%
20	9.996	1326	1330	1338	rVB	3333669	6050575	45.37%	1.857%
21	10.099	1338	1347	1360	rBV	5244003	13335984	100.00%	4.092%
22	10.252	1360	1372	1378	rBV3	1324043	3045732	22.84%	0.935%
23	10.325	1378	1384	1389	rBV	5286499	10892464	81.68%	3.342%
24	10.361	1389	1390	1396	rVB	2016236	2485545	18.64%	0.763%
25	10.453	1396	1405	1408	rBV	1432812	2807402	21.05%	0.861%
26	10.502	1408	1413	1421	rVB5	2417618	6671201	50.02%	2.047%
27	10.617	1426	1432	1436	rBV4	563358	1077402	8.08%	0.331%
28	10.672	1436	1441	1448	rVB	2531515	4594547	34.45%	1.410%
29	10.764	1448	1456	1466	rBV6	2826519	8044397	60.32%	2.468%
30	10.849	1466	1470	1476	rVB	1806680	3007831	22.55%	0.923%
31	10.940	1476	1485	1490	rBV	3160288	5982392	44.86%	1.836%
32	11.038	1490	1501	1509	rBV3	2893145	7860019	58.94%	2.412%
33	11.111	1509	1513	1516	rBV2	1501166	2448594	18.36%	0.751%
34	11.148	1516	1519	1520	rBV2	479579	492607	3.69%	0.151%
35	11.184	1520	1525	1529	rBV	2929714	4138794	31.03%	1.270%
36	11.233	1529	1533	1538	rVB	4538408	7600587	56.99%	2.332%

LSC Area Percent Report

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Instrument :
MSVOA_W
ClientSampleId :
GPX6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_W\Method\82W063025S.M
Title : SW846 8260

37	11.288	1538	1542	1546	rVB2	1147462	1663750	12.48%	0.511%
38	11.337	1546	1550	1555	rBV2	2595074	3958846	29.69%	1.215%
39	11.410	1555	1562	1565	rBV2	3572774	7339082	55.03%	2.252%
40	11.514	1574	1579	1585	rBV	4901568	8464995	63.47%	2.597%
41	11.629	1593	1598	1603	rBV3	1225730	2156939	16.17%	0.662%
42	11.733	1610	1615	1617	rBV3	1025675	1625850	12.19%	0.499%
43	11.770	1617	1621	1623	rVV2	1311213	2004893	15.03%	0.615%
44	11.812	1623	1628	1633	rVB3	1894501	3842200	28.81%	1.179%
45	11.873	1633	1638	1642	rBV	3482586	6205276	46.53%	1.904%
46	11.916	1642	1645	1650	rVB2	2576193	4146449	31.09%	1.272%
47	11.971	1650	1654	1658	rBV4	339440	564578	4.23%	0.173%
48	12.068	1658	1670	1675	rBV6	932101	3208763	24.06%	0.985%
49	12.135	1675	1681	1688	rBV3	3808045	8588594	64.40%	2.635%
50	12.251	1696	1700	1704	rVB	2489597	3806993	28.55%	1.168%
51	12.337	1704	1714	1719	rBV5	3002580	9524075	71.42%	2.922%
52	12.385	1720	1722	1726	rVB	1830954	2148711	16.11%	0.659%
53	12.562	1749	1751	1756	rVB	1429383	1834664	13.76%	0.563%
54	12.617	1757	1760	1762	rVV3	594310	713980	5.35%	0.219%
55	12.647	1762	1765	1769	rVB	1424341	1848580	13.86%	0.567%
56	12.696	1769	1773	1779	rBV4	1027333	1648958	12.36%	0.506%
57	12.782	1782	1787	1794	rVB4	1965390	4283404	32.12%	1.314%
58	12.855	1795	1799	1803	rBV5	547928	1129602	8.47%	0.347%
59	12.940	1805	1813	1818	rBV6	1668838	4324375	32.43%	1.327%
60	13.074	1831	1835	1839	rVB2	806402	1196501	8.97%	0.367%
61	13.123	1839	1843	1846	rBV	908208	1475552	11.06%	0.453%
62	13.166	1846	1850	1858	rVB2	1566962	3195256	23.96%	0.980%
63	13.288	1867	1870	1875	rVB	520042	740479	5.55%	0.227%
64	13.446	1893	1896	1899	rVB3	652601	789811	5.92%	0.242%
65	13.483	1899	1902	1905	rVB3	703445	804143	6.03%	0.247%
66	13.550	1910	1913	1916	rBV2	770587	1015279	7.61%	0.312%
67	13.586	1916	1919	1922	rVB	478811	547264	4.10%	0.168%
68	13.617	1922	1924	1931	rVB4	896023	1401621	10.51%	0.430%
69	13.714	1935	1940	1944	rBV	1769128	2729794	20.47%	0.838%
70	13.757	1944	1947	1950	rVB	619644	806746	6.05%	0.248%
71	13.800	1950	1954	1961	rVB2	876614	1824852	13.68%	0.560%
72	13.879	1961	1967	1971	rBV2	1852621	3336100	25.02%	1.024%
73	13.946	1975	1978	1981	rVB	457492	510585	3.83%	0.157%
74	14.013	1985	1989	1996	rVB3	733051	1932313	14.49%	0.593%
75	14.092	1997	2002	2010	rVB	5133904	7788967	58.41%	2.390%
76	14.202	2014	2020	2025	rVB3	2212849	4067608	30.50%	1.248%

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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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Integration Parameters: RTEINT.P
Integrator: RTE
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Title : SW846 8260

77	14.263	2025	2030	2037	rBV5	776704	1761631	13.21%	0.541%
78	14.336	2038	2042	2046	rBV3	600066	964515	7.23%	0.296%
79	14.385	2046	2050	2051	rBV2	1069520	1369631	10.27%	0.420%
80	14.415	2051	2055	2059	rVV	3332854	5098018	38.23%	1.564%
81	14.452	2059	2061	2064	rVB	678389	707366	5.30%	0.217%
82	14.495	2064	2068	2072	rBV2	2098155	2978431	22.33%	0.914%
83	14.537	2072	2075	2082	rVB3	724954	1369759	10.27%	0.420%
84	14.635	2088	2091	2095	rVB2	584106	808722	6.06%	0.248%
85	14.684	2095	2099	2103	rBV4	1263692	2625805	19.69%	0.806%
86	14.726	2103	2106	2111	rVB	1880065	2615508	19.61%	0.803%
87	14.787	2111	2116	2123	rBV3	3095443	8592546	64.43%	2.637%
88	14.848	2123	2126	2132	rVB	1813990	2815716	21.11%	0.864%
89	15.056	2155	2160	2165	rBV	2837707	4891496	36.68%	1.501%
90	15.171	2173	2179	2186	rVB3	2477025	5546285	41.59%	1.702%
91	15.318	2198	2203	2213	rVB7	813855	2035569	15.26%	0.625%
92	15.409	2213	2218	2221	rBV5	262246	482796	3.62%	0.148%
93	15.464	2221	2227	2231	rBV2	923481	1650421	12.38%	0.506%
94	15.513	2231	2235	2239	rBV2	467823	789115	5.92%	0.242%
95	15.653	2249	2258	2264	rBV3	1184134	2693925	20.20%	0.827%
96	15.812	2274	2284	2295	rVV4	612467	2429598	18.22%	0.746%
97	15.940	2300	2305	2310	rVV2	475377	819608	6.15%	0.251%
98	16.013	2310	2317	2324	rVV3	488739	1263840	9.48%	0.388%
99	16.159	2333	2341	2346	rBV4	271029	687661	5.16%	0.211%
100	16.635	2410	2419	2431	rVB2	367408	992723	7.44%	0.305%

Sum of corrected areas: 325900916

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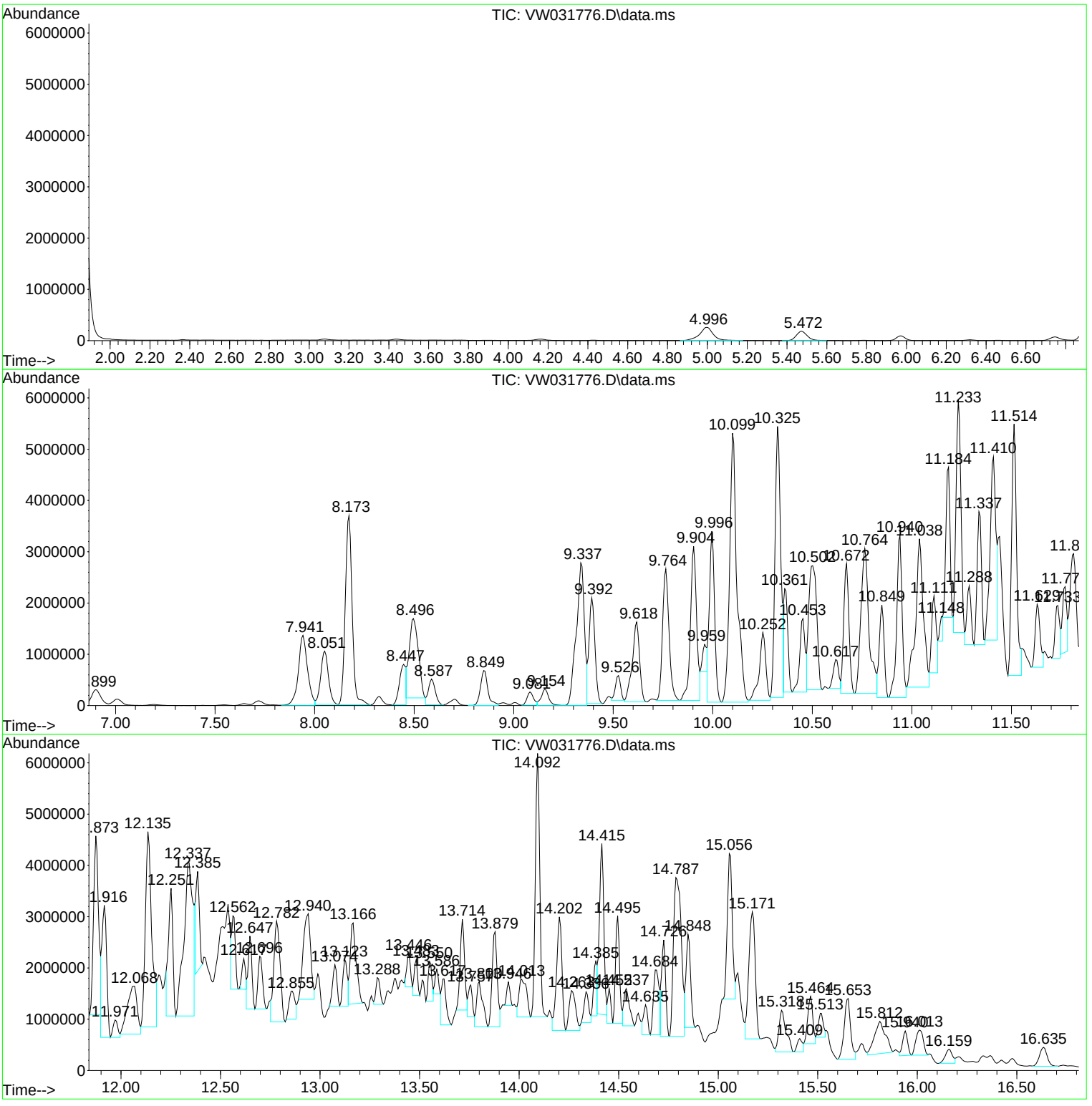
Instrument :
MSVOA_W
ClientSampleId :
GPX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
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Instrument :
MSVOA_W
ClientSampleId :
GPX6

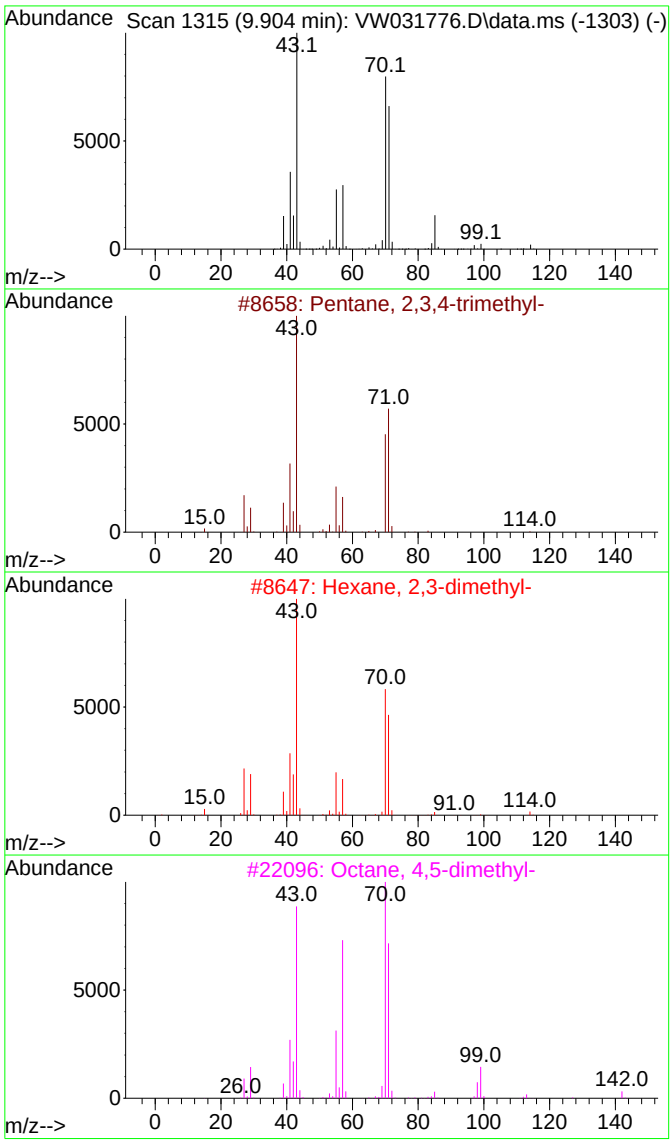
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

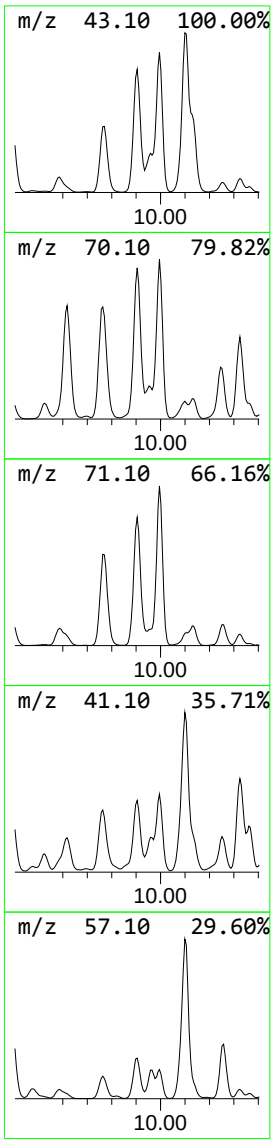
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.904	187.61 ug/l	6519220	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	80
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	78
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
5	Diisoamyl ether	158	C10H22O	000544-01-4	72





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Instrument :
MSVOA_W
ClientSampleId :
GPX6

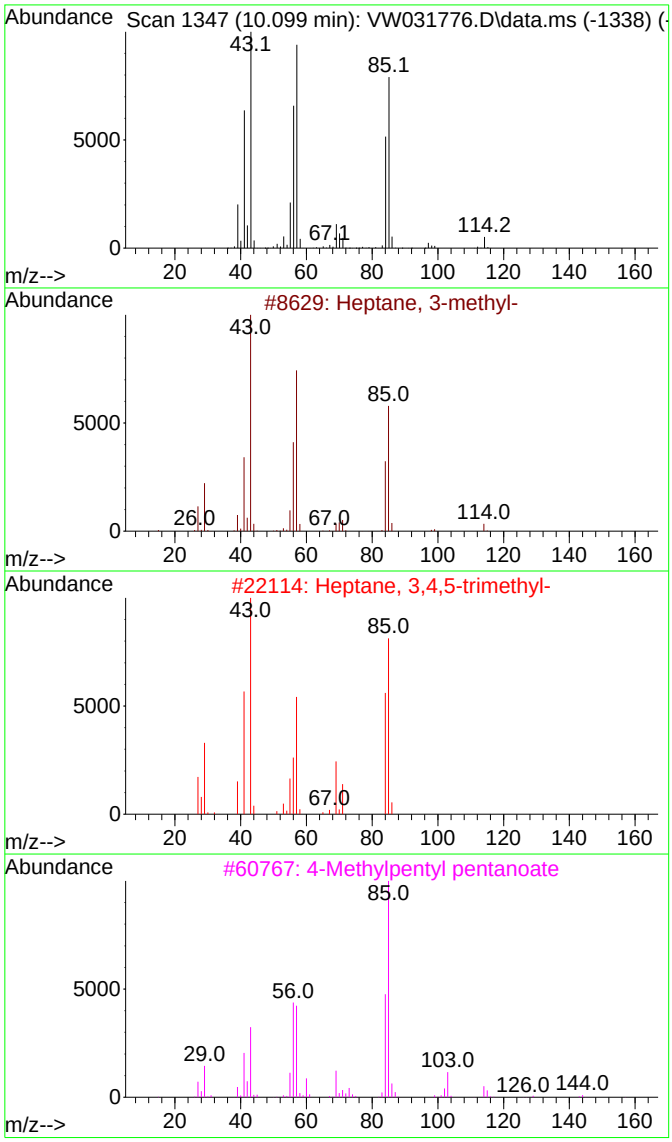
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

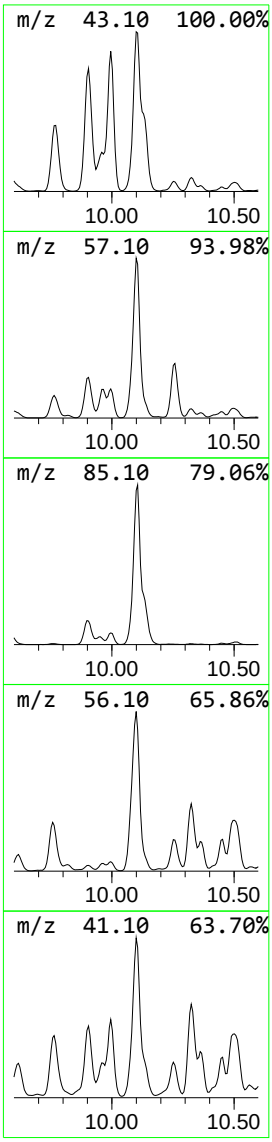
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.099	383.78 ug/l	13336000	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
3	4-Methylpentyl pentanoate	186	C11H22O2	035852-47-2	59
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





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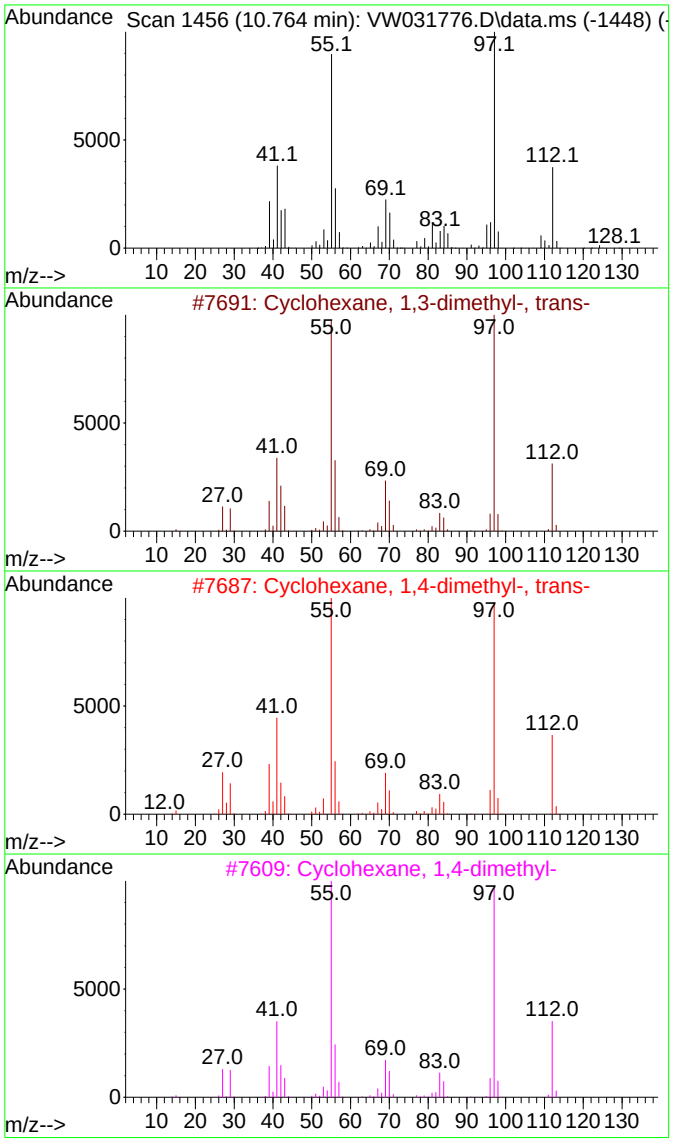
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

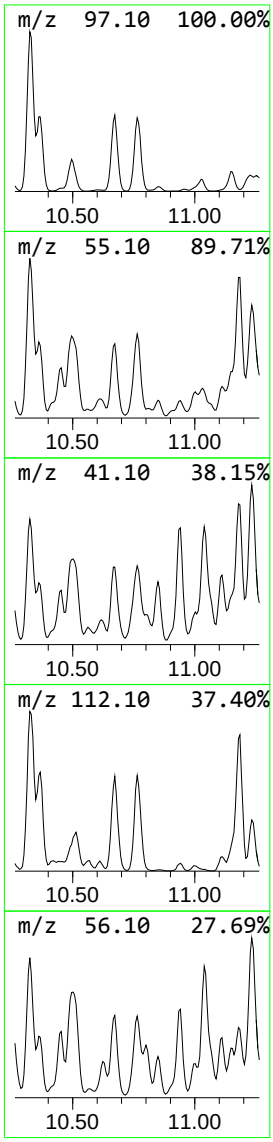
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.764	186.48 ug/l	8044400	Chlorobenzene-d5	11.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83
5	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	81





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Instrument :
MSVOA_W
ClientSampleId :
GPX6

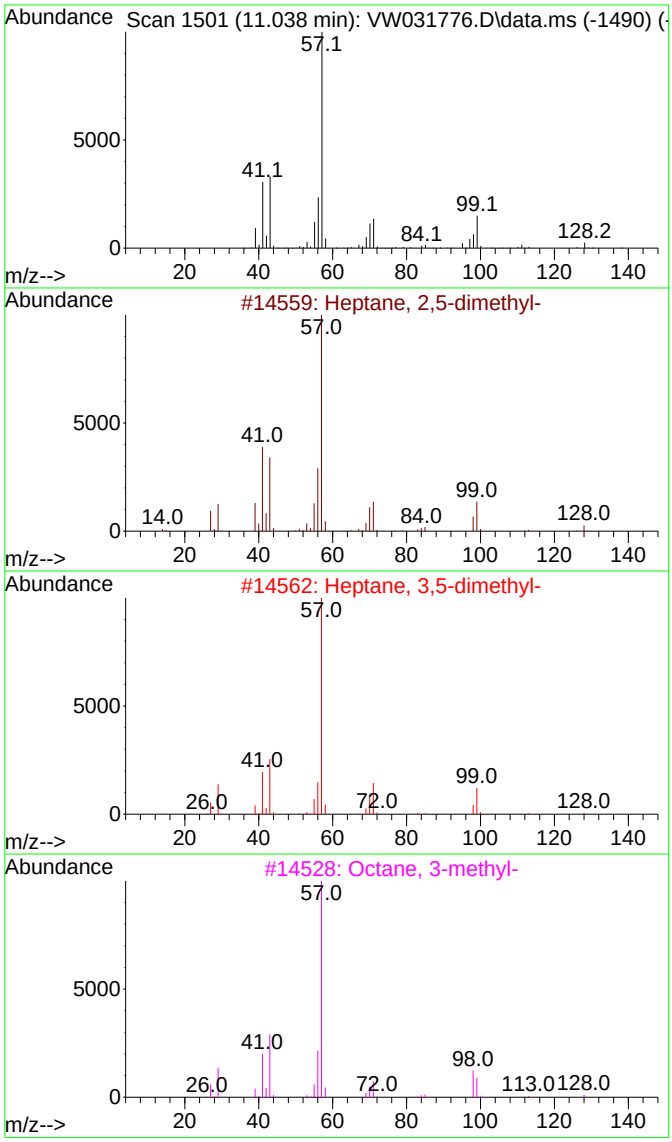
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

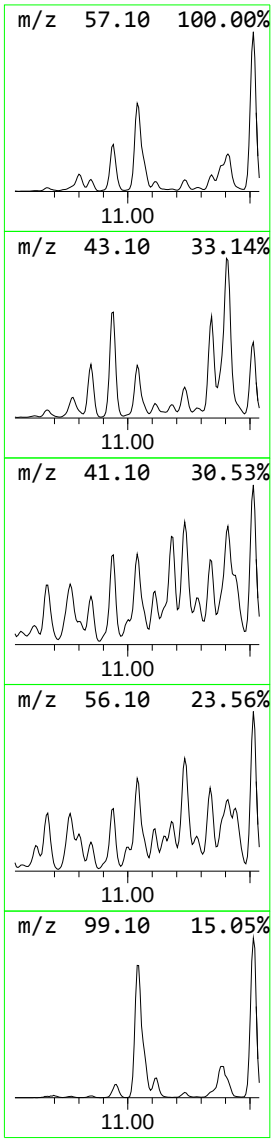
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptane, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.038	182.20 ug/l	7860020	Chlorobenzene-d5	11.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	76
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	50





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Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

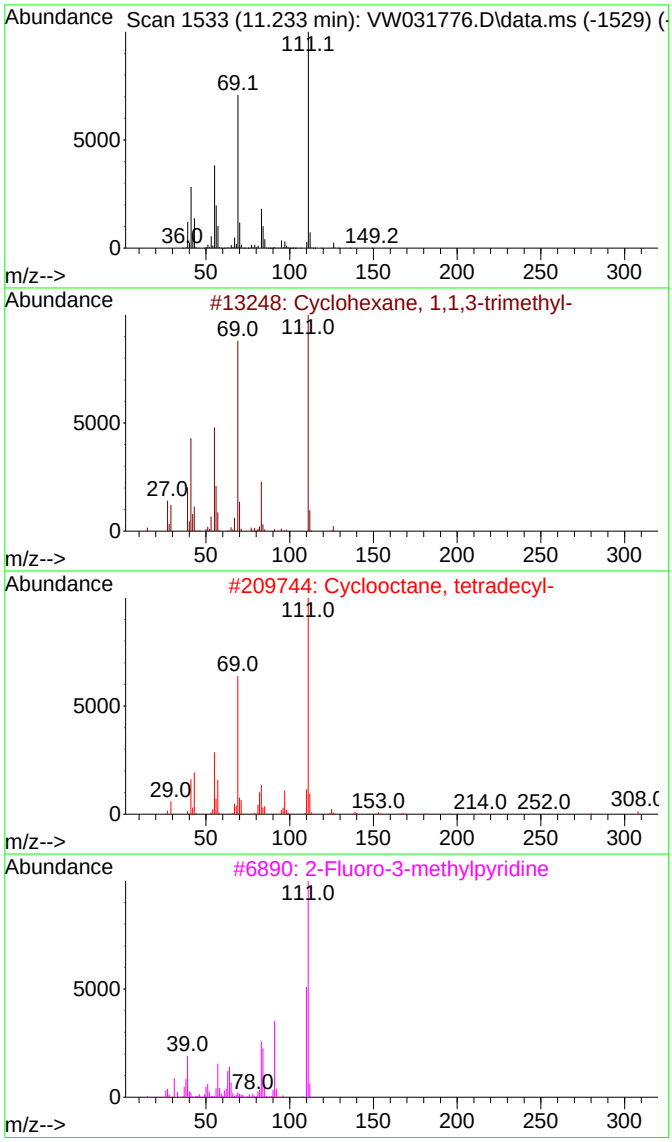
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

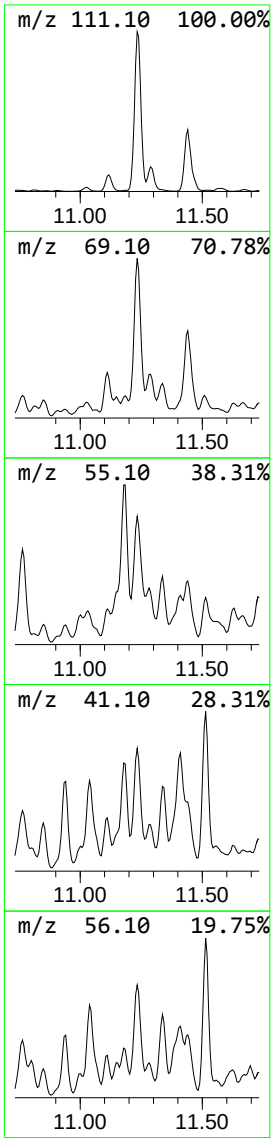
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	176.19 ug/l	7600590	Chlorobenzene-d5	11.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	59
3	2-Fluoro-3-methylpyridine	111	C6H6FN	017282-04-1	53
4	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

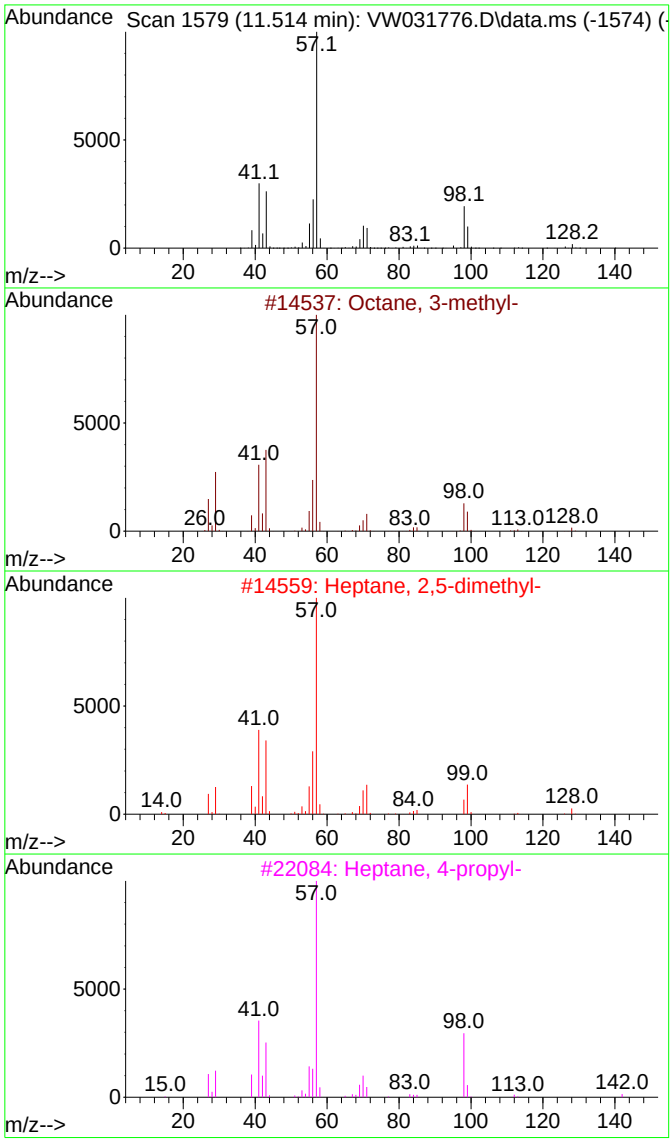
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

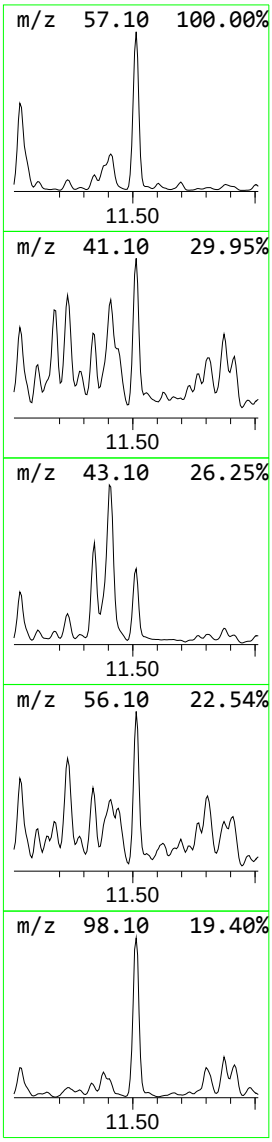
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.514	196.23 ug/l	8465000	Chlorobenzene-d5	11.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	64
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	52
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	46





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Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

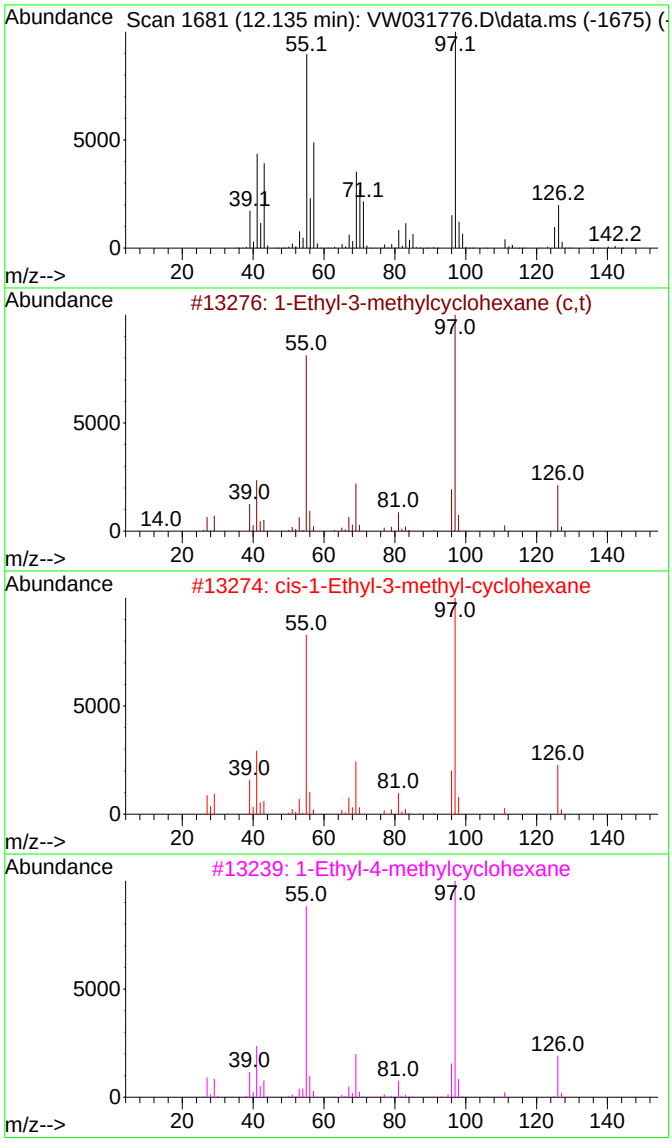
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

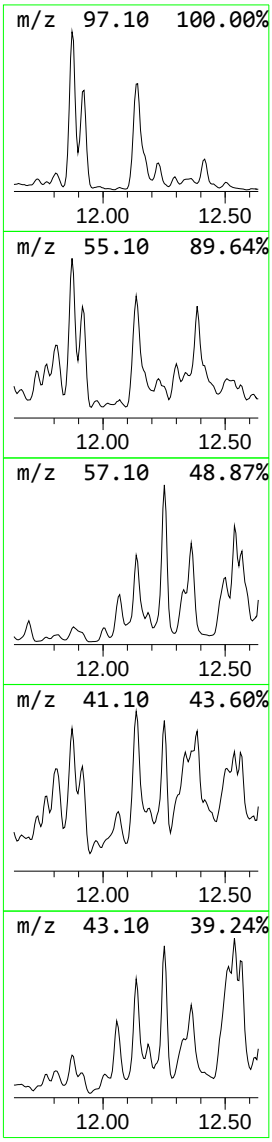
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Ethyl-3-methylcyclohexane... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	199.09 ug/l	8588590	Chlorobenzene-d5	11.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	70
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	70
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	62





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Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

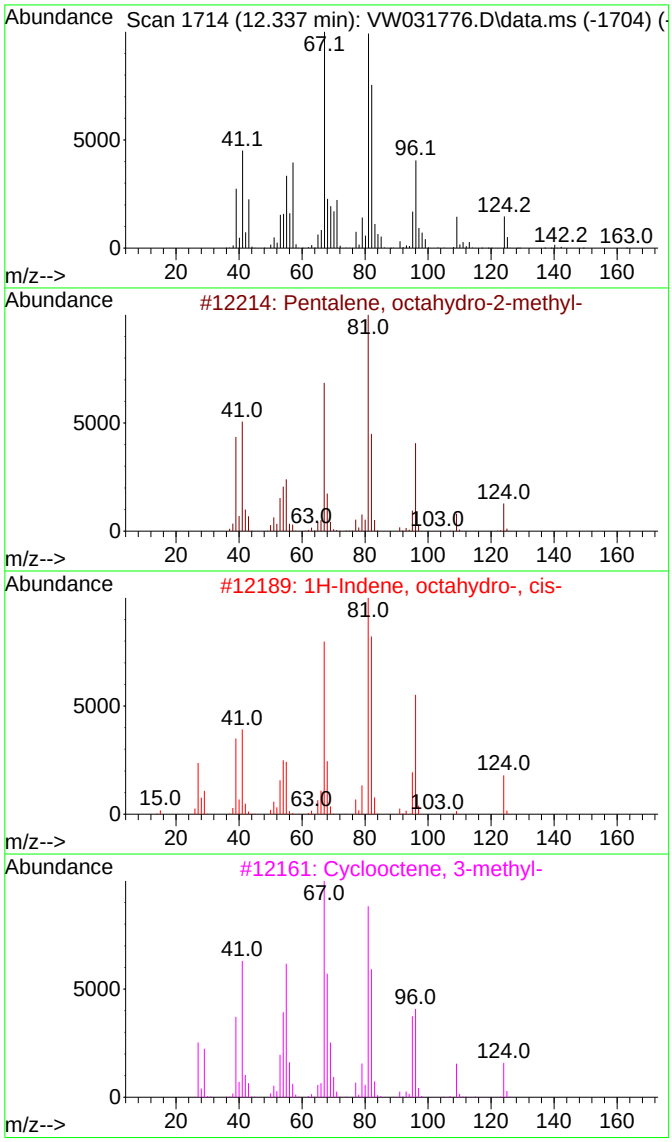
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

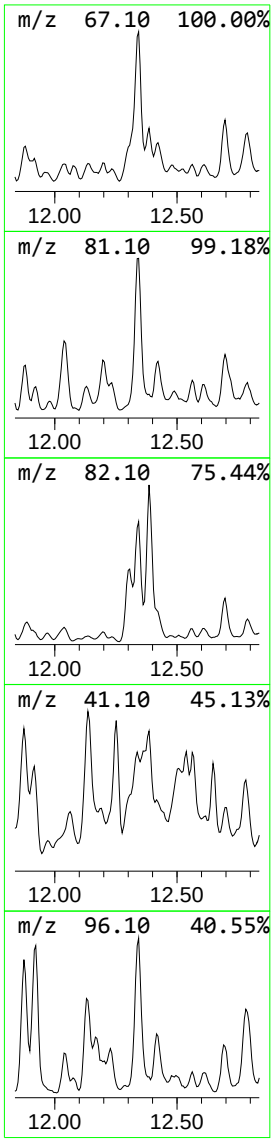
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentalene, octahydro-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.337	220.78 ug/l	9524080	Chlorobenzene-d5	11.636

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	72
2	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	60
3	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	58
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	53
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

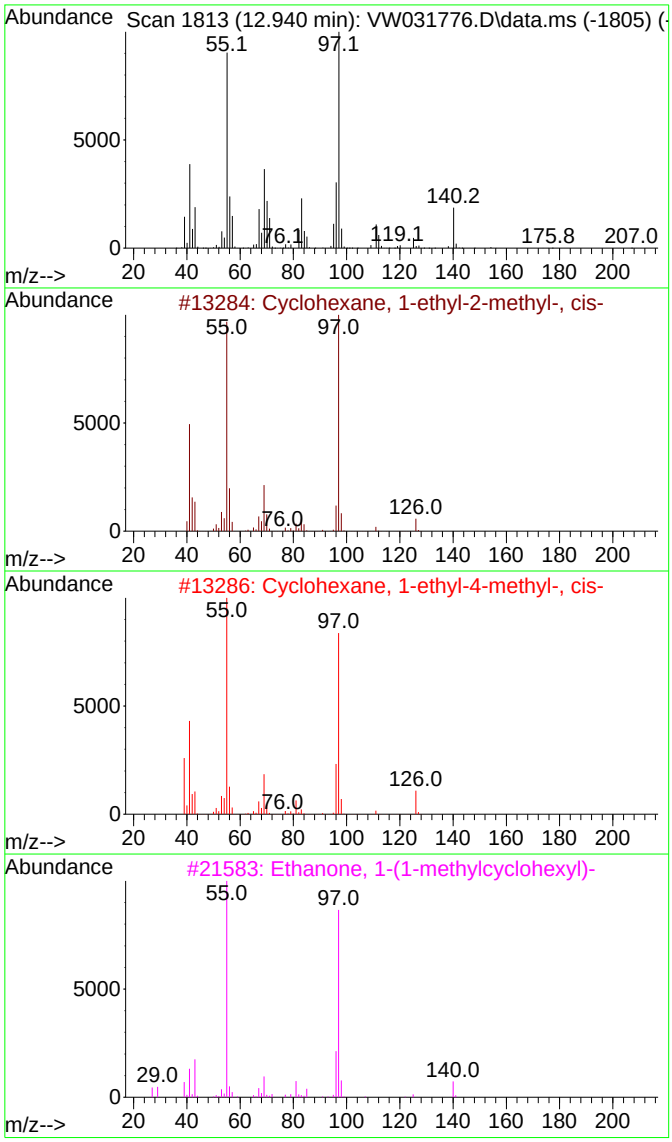
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

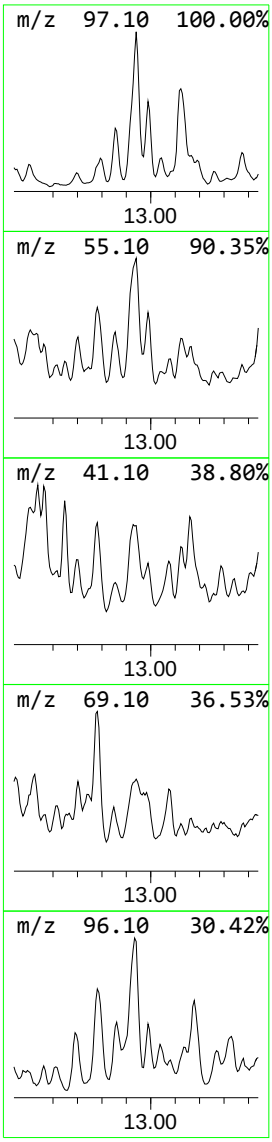
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	212.97 ug/l	4324380	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
5	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

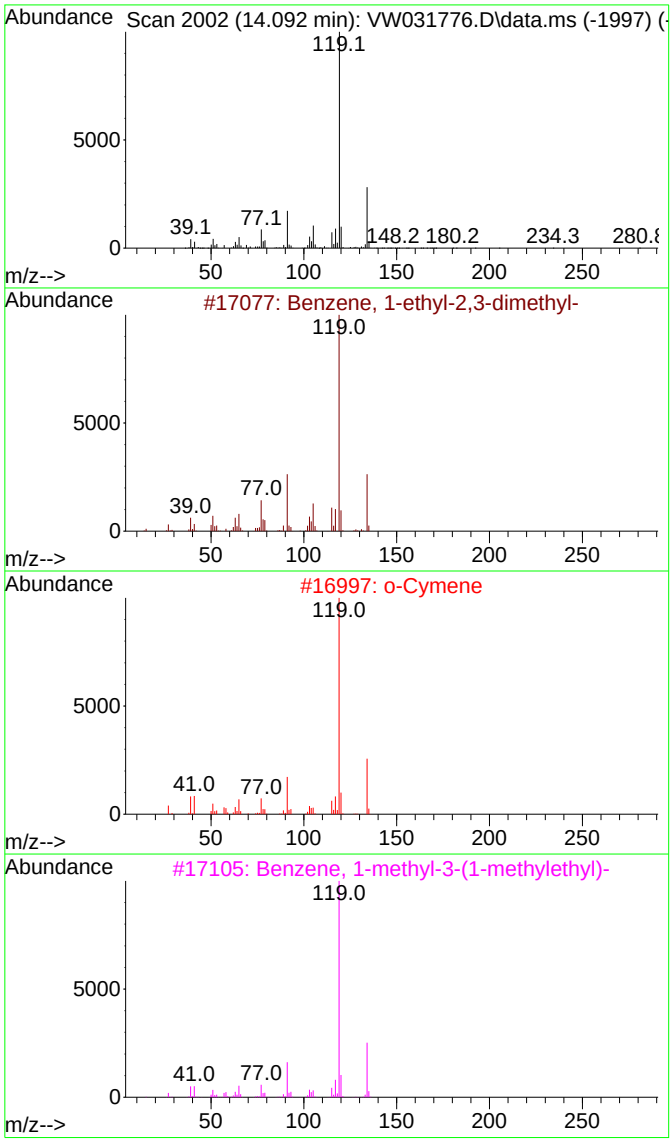
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

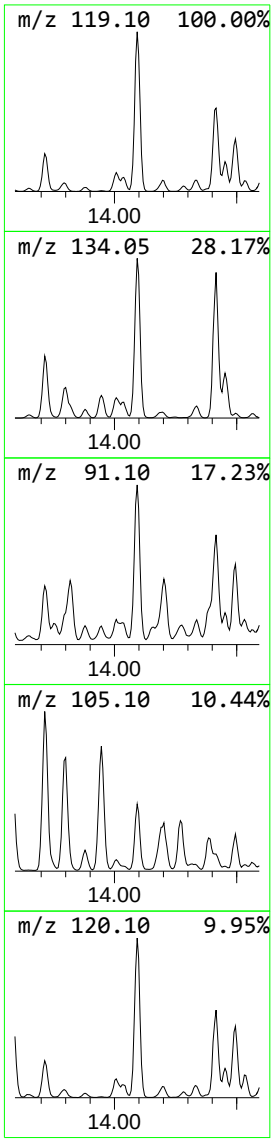
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.092	383.59 ug/l	7788970	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

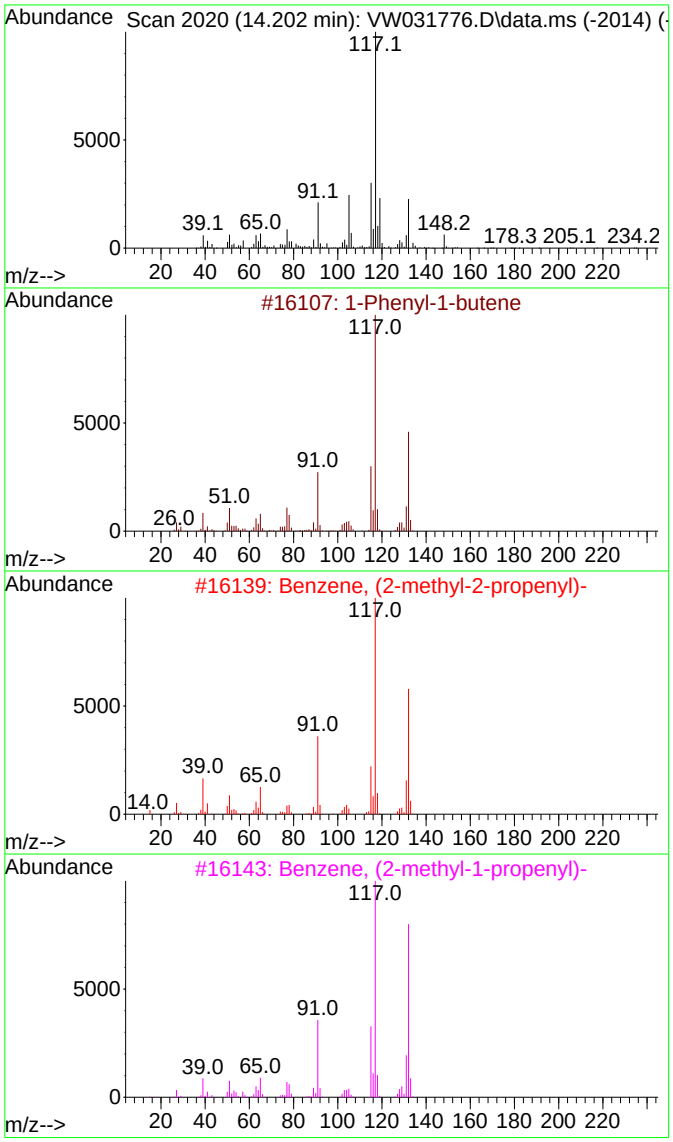
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

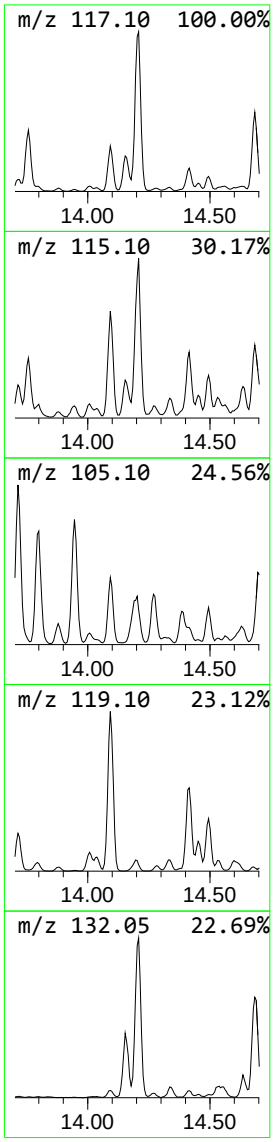
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.202	200.32 ug/l	4067610	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	68
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	68
4	Indan, 1-methyl-	132	C10H12	000767-58-8	64
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

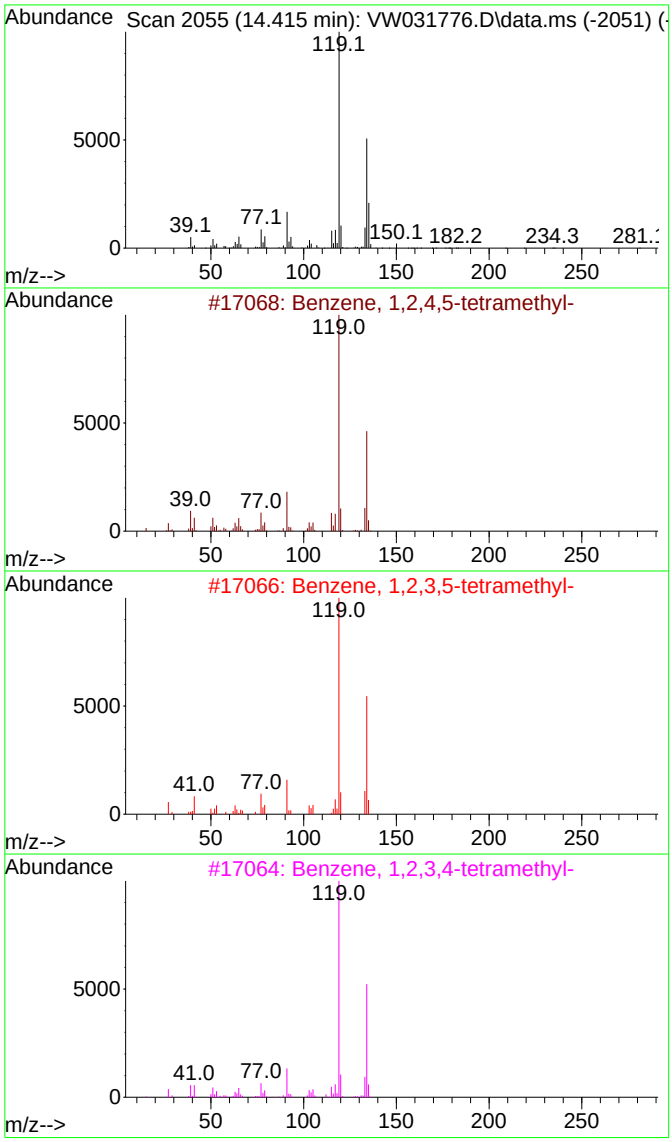
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

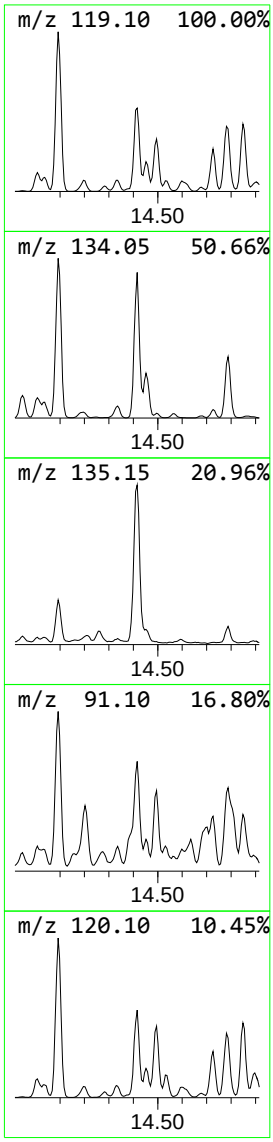
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	251.07 ug/l	5098020	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

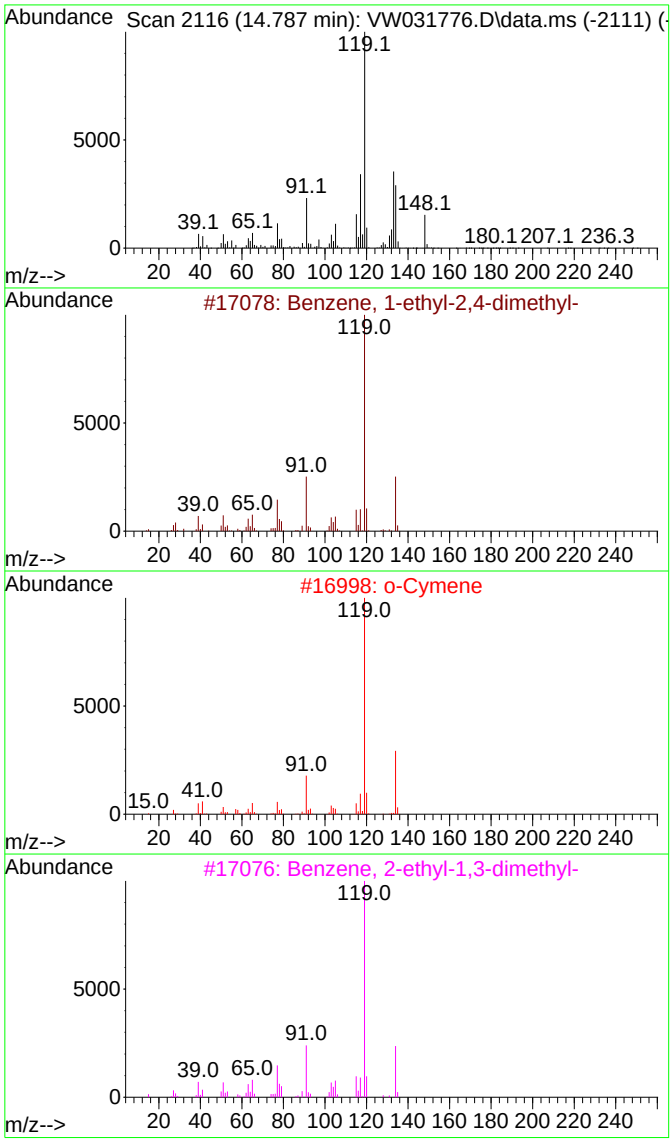
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

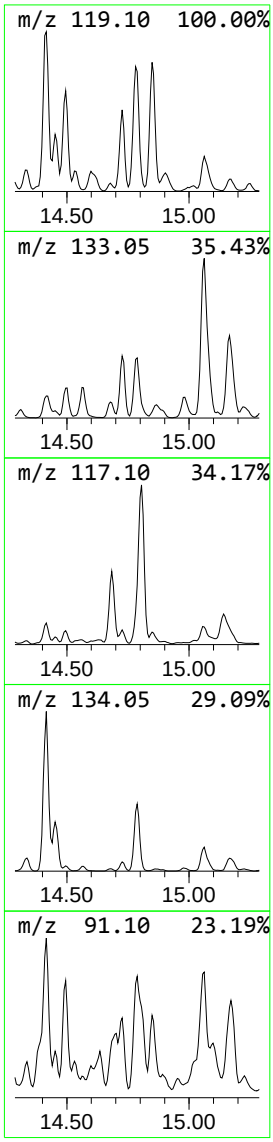
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	423.16 ug/l	8592550	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
2	o-Cymene	134	C10H14	000527-84-4	70
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64





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Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

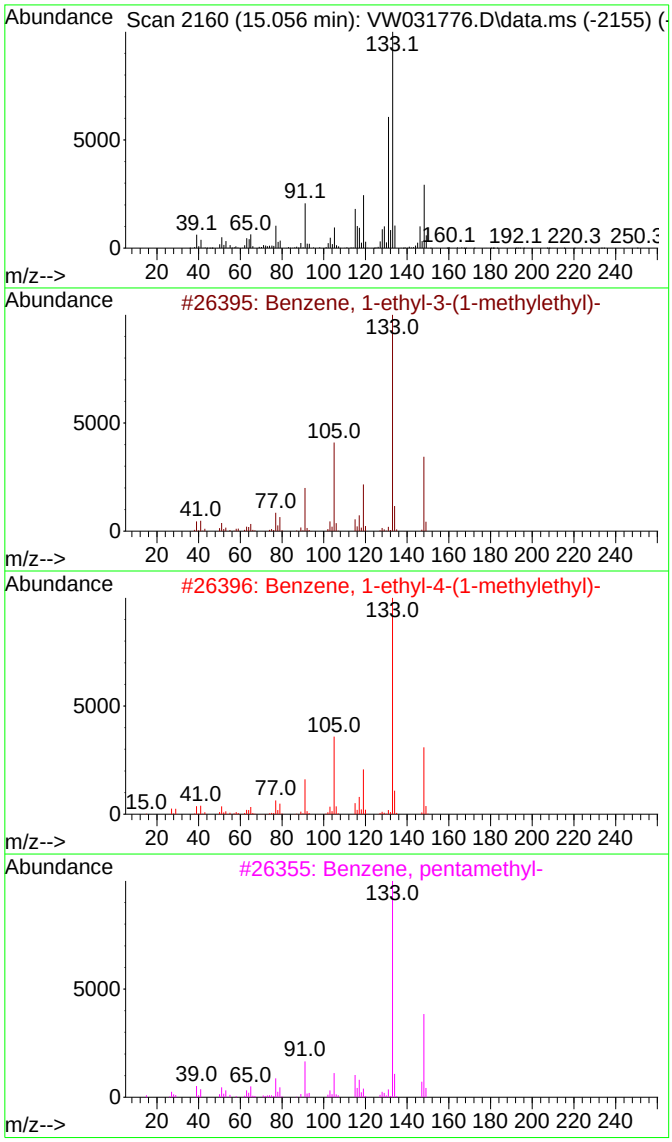
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

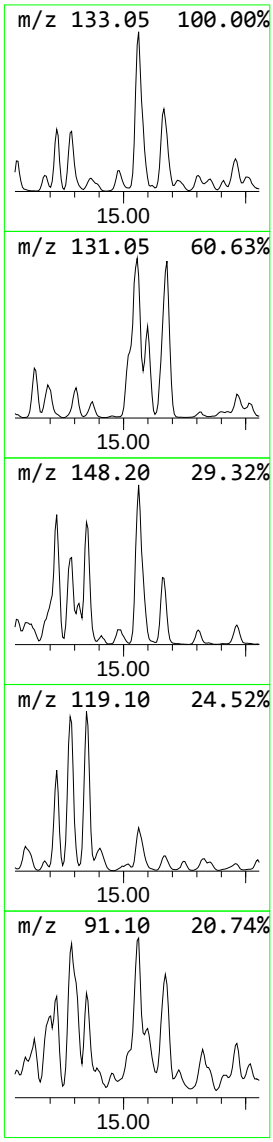
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-3-(1-methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	240.89 ug/l	4891500	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	70
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	70
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	49
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	49
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	49





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Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

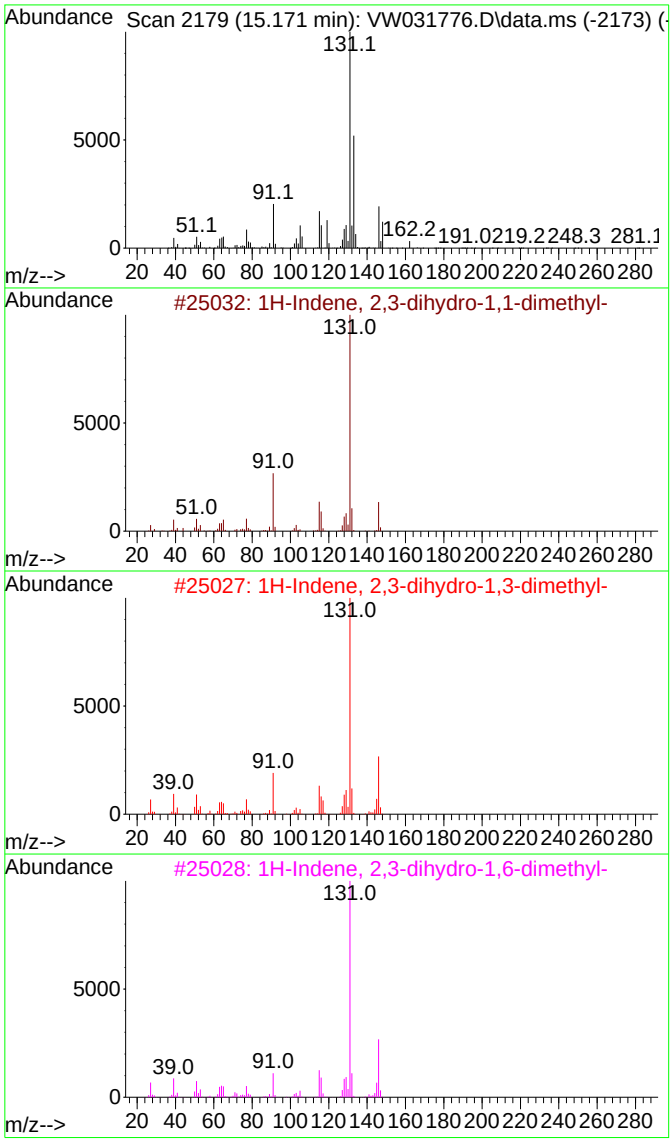
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

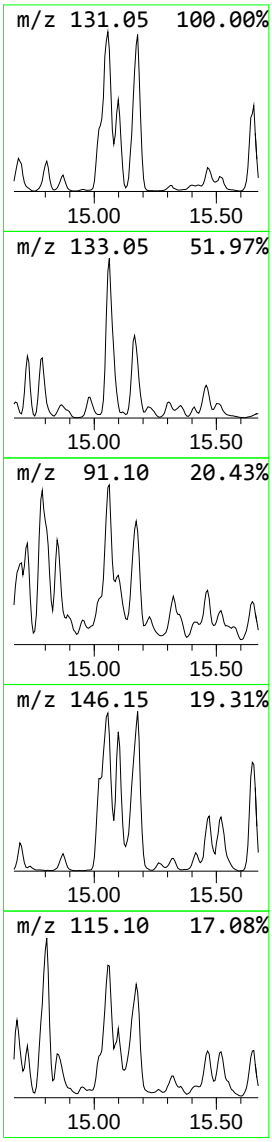
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.171	273.14 ug/l	5546290	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	92
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	64
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
Operator : SY/MD
Sample : Q2480-06
Misc : 6.25g/5mL/MSVOA_W/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 2,3,4-...	9.904	187.6	ug/l	6519220	2	8.855	1737430	50.0
Heptane, 3-methyl-	10.099	383.8	ug/l	13336000	2	8.855	1737430	50.0
Cyclohexane, 1,...	10.764	186.5	ug/l	8044400	3	11.636	2156940	50.0
Heptane, 2,5-di...	11.038	182.2	ug/l	7860020	3	11.636	2156940	50.0
Cyclohexane, 1,...	11.233	176.2	ug/l	7600590	3	11.636	2156940	50.0
Octane, 3-methyl-	11.514	196.2	ug/l	8465000	3	11.636	2156940	50.0
1-Ethyl-3-methy...	12.135	199.1	ug/l	8588590	3	11.636	2156940	50.0
Pentalene, octa...	12.337	220.8	ug/l	9524080	3	11.636	2156940	50.0
Cyclohexane, 1-...	12.940	213.0	ug/l	4324380	4	13.556	1015280	50.0
Benzene, 1-ethy...	14.092	383.6	ug/l	7788970	4	13.556	1015280	50.0
1-Phenyl-1-butene	14.202	200.3	ug/l	4067610	4	13.556	1015280	50.0
Benzene, 1,2,4,...	14.416	251.1	ug/l	5098020	4	13.556	1015280	50.0
Benzene, 1-ethy...	14.787	423.2	ug/l	8592550	4	13.556	1015280	50.0
Benzene, 1-ethy...	15.056	240.9	ug/l	4891500	4	13.556	1015280	50.0
1H-Indene, 2,3-...	15.171	273.1	ug/l	5546290	4	13.556	1015280	50.0