LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
Data File : VY020383.D
Acq On : 21 Nov 2024 13:46
Operator : SY/MD
Sample : P4910-07
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

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_Y\methods\82Y111924S.M
Title : SW846 8260

Signal : TIC: VY020383.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.890	837	848	867	rBV2	14036	45858	4.37%	0.323%
2	7.634	958	970	976	rBV	116457	283592	27.05%	1.996%
3	7.707	976	982	991	rVV	185851	435682	41.56%	3.066%
4	7.787	991	995	1005	rVB3	10313	26116	2.49%	0.184%
5	8.061	1032	1040	1051	rBV2	104355	230852	22.02%	1.625%
6	8.195	1054	1062	1069	rVV4	11500	29375	2.80%	0.207%
7	8.268	1069	1074	1080	rVV4	7749	17301	1.65%	0.122%
8	8.341	1080	1086	1094	rVB4	7802	18610	1.78%	0.131%
9	8.616	1122	1131	1140	rBV	334778	648486	61.86%	4.564%
10	9.079	1198	1207	1210	rBV3	32078	70433	6.72%	0.496%
11	9.170	1218	1222	1230	rVB2	20735	36560	3.49%	0.257%
12	9.390	1249	1258	1265	rVB	44272	96880	9.24%	0.682%
13	9.536	1275	1282	1290	rVB2	48496	92779	8.85%	0.653%
14	9.683	1302	1306	1310	rBV2	11859	21412	2.04%	0.151%
15	9.731	1310	1314	1320	rVB	12944	24788	2.36%	0.174%
16	9.865	1330	1336	1341	rBV2	28783	56644	5.40%	0.399%
17	9.920	1341	1345	1352	rVB	13522	23947	2.28%	0.169%
18	10.012	1353	1360	1368	rBV9	10668	34901	3.33%	0.246%
19	10.103	1368	1375	1387	rBV	572346	1048252	100.00%	7.378%
20	10.231	1392	1396	1398	rVV3	10604	15594	1.49%	0.110%
21	10.274	1398	1403	1413	rVV5	33320	95091	9.07%	0.669%
22	10.408	1417	1425	1427	rVV	32831	61578	5.87%	0.433%
23	10.445	1427	1431	1438	rVV	93930	179176	17.09%	1.261%
24	10.548	1438	1448	1452	rVV4	40374	103024	9.83%	0.725%
25	10.591	1453	1455	1459	rVV2	19756	29725	2.84%	0.209%
26	10.640	1459	1463	1467	rVV2	25075	38942	3.71%	0.274%
27	10.731	1473	1478	1483	rVB	84723	133235	12.71%	0.938%
28	10.829	1488	1494	1502	rVV	47447	118471	11.30%	0.834%
29	10.902	1503	1506	1508	rVV2	23739	37630	3.59%	0.265%
30	10.932	1508	1511	1513	rVV2	28335	43882	4.19%	0.309%
31	10.963	1513	1516	1519	rVV2	32808	50204	4.79%	0.353%
32	11.018	1519	1525	1530	rVV	185864	335666	32.02%	2.362%
33	11.073	1530	1534	1537	rVV	39450	62662	5.98%	0.441%
34	11.127	1537	1543	1547	rVV3	64075	131051	12.50%	0.922%
35	11.176	1548	1551	1554	rVV2	25987	35524	3.39%	0.250%
36	11.219	1554	1558	1567	rVB	102508	186965	17.84%	1.316%

LSC Area Percent Report

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Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-759-VOC

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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Title : SW846 8260

37	11.304	1568	1572	1575	rBV2	22517	36503	3.48%	0.257%
38	11.414	1584	1590	1601	rBV	488168	795648	75.90%	5.600%
39	11.505	1602	1605	1608	rBV2	9607	13824	1.32%	0.097%
40	11.554	1608	1613	1616	rBV	51722	82196	7.84%	0.579%
41	11.603	1616	1621	1625	rBV5	54522	127513	12.16%	0.897%
42	11.664	1626	1631	1634	rBV	128970	229242	21.87%	1.613%
43	11.859	1660	1663	1667	rVB3	24461	36058	3.44%	0.254%
44	11.932	1667	1675	1681	rBV4	147023	359991	34.34%	2.534%
45	11.987	1681	1684	1686	rVV2	20242	22499	2.15%	0.158%
46	12.018	1686	1689	1690	rVV2	17467	19657	1.88%	0.138%
47	12.048	1691	1694	1698	rVB	105317	134125	12.80%	0.944%
48	12.091	1698	1701	1702	rBV2	30618	31847	3.04%	0.224%
49	12.127	1703	1707	1710	rVV2	119992	187577	17.89%	1.320%
50	12.164	1710	1713	1718	rVB2	123470	213804	20.40%	1.505%
51	12.408	1747	1753	1759	rBV	386305	610911	58.28%	4.300%
52	12.493	1761	1767	1771	rVV6	42423	106765	10.19%	0.751%
53	12.566	1775	1779	1786	rVB3	160454	285574	27.24%	2.010%
54	12.652	1787	1793	1799	rBV5	65073	160622	15.32%	1.130%
55	12.731	1799	1806	1811	rVV5	121281	306745	29.26%	2.159%
56	12.786	1812	1815	1821	rVB4	59601	91930	8.77%	0.647%
57	12.871	1826	1829	1833	rVV3	54836	81948	7.82%	0.577%
58	12.962	1833	1844	1853	rVV5	208589	539173	51.44%	3.795%
59	13.091	1862	1865	1869	rBV5	38468	66750	6.37%	0.470%
60	13.176	1872	1879	1888	rVV7	132022	431104	41.13%	3.034%
61	13.347	1901	1907	1913	rBV	405364	672954	64.20%	4.736%
62	13.517	1933	1935	1941	rVB5	31137	42024	4.01%	0.296%
63	13.670	1955	1960	1965	rBV3	190056	337372	32.18%	2.375%
64	13.718	1965	1968	1972	rVB4	33095	49277	4.70%	0.347%
65	13.895	1993	1997	2002	rVB	117169	187957	17.93%	1.323%
66	13.999	2009	2014	2019	rBV3	95696	162792	15.53%	1.146%
67	14.072	2019	2026	2030	rBV7	57171	137098	13.08%	0.965%
68	14.115	2031	2033	2036	rBV3	30461	40541	3.87%	0.285%
69	14.182	2039	2044	2048	rBV5	104634	250515	23.90%	1.763%
70	14.304	2060	2064	2067	rBV3	68055	105198	10.04%	0.740%
71	14.340	2067	2070	2073	rVV3	70983	90830	8.66%	0.639%
72	14.535	2099	2102	2107	rVB3	56863	80114	7.64%	0.564%
73	14.602	2108	2113	2117	rVV4	80782	155260	14.81%	1.093%
74	14.651	2117	2121	2128	rVB2	167218	279793	26.69%	1.969%
75	14.798	2142	2145	2148	rVB3	36203	42869	4.09%	0.302%
76	14.865	2152	2156	2159	rVV2	122038	162476	15.50%	1.144%

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ClientSampleId :
MH-759-VOC

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Title : SW846 8260

77	14.901	2159	2162	2164	rVV2	41843	56722	5.41%	0.399%
78	14.968	2168	2173	2178	rVB4	148167	283074	27.00%	1.992%
79	15.127	2193	2199	2206	rBV5	107145	205175	19.57%	1.444%
80	15.255	2217	2220	2223	rVV3	36377	48312	4.61%	0.340%
81	15.304	2225	2228	2233	rVB5	59488	89242	8.51%	0.628%
82	15.438	2244	2250	2256	rBV9	32752	94792	9.04%	0.667%
83	15.511	2257	2262	2267	rBV7	65717	123682	11.80%	0.871%
84	15.718	2292	2296	2302	rVB3	48894	83992	8.01%	0.591%
85	15.931	2324	2331	2336	rBV4	83905	176930	16.88%	1.245%
86	16.053	2348	2351	2355	rVB3	41703	59848	5.71%	0.421%
87	16.370	2398	2403	2417	rVB6	84208	246477	23.51%	1.735%
88	16.486	2418	2422	2431	rVB3	28797	69917	6.67%	0.492%

Sum of corrected areas: 14208127

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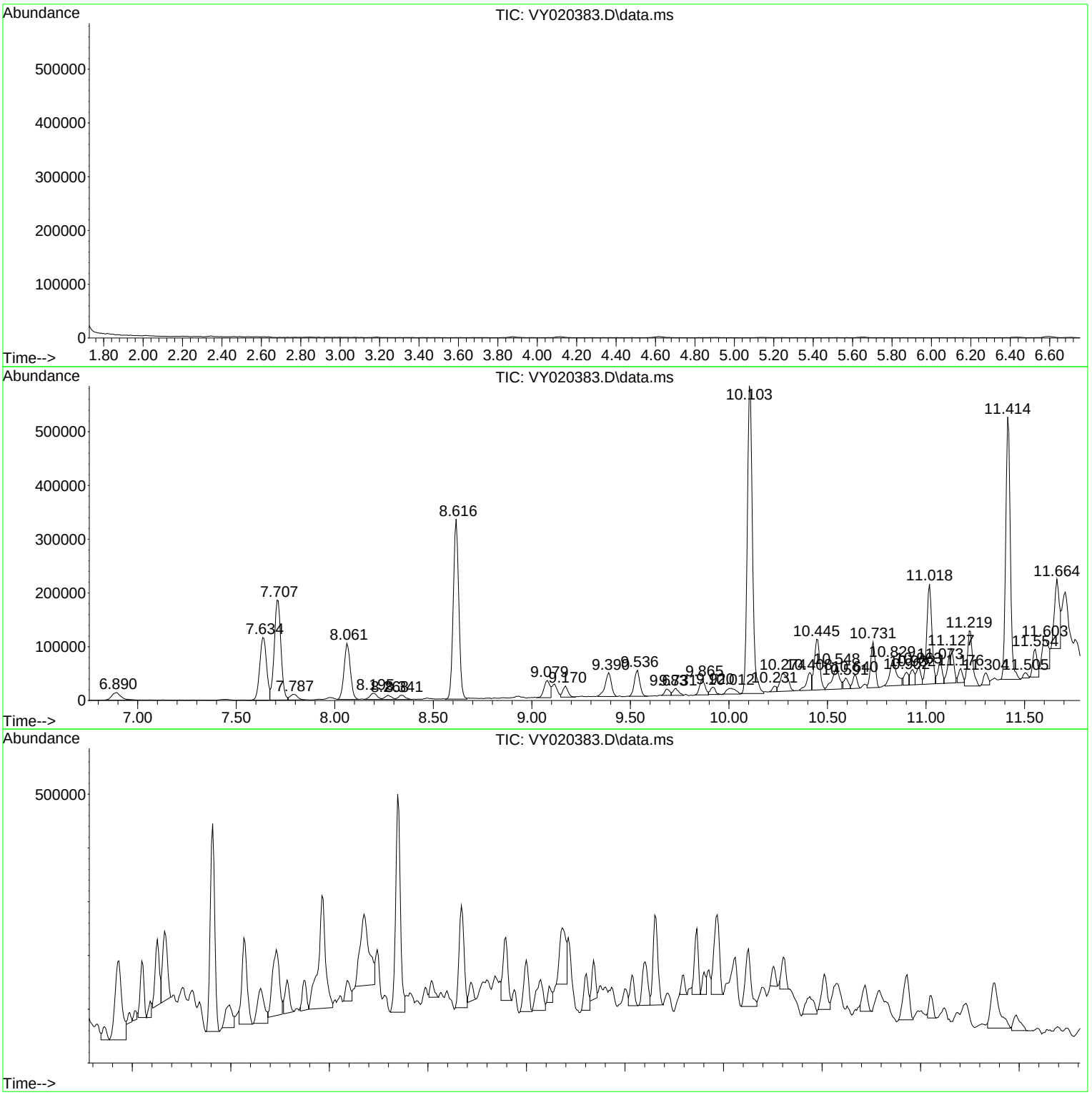
Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

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



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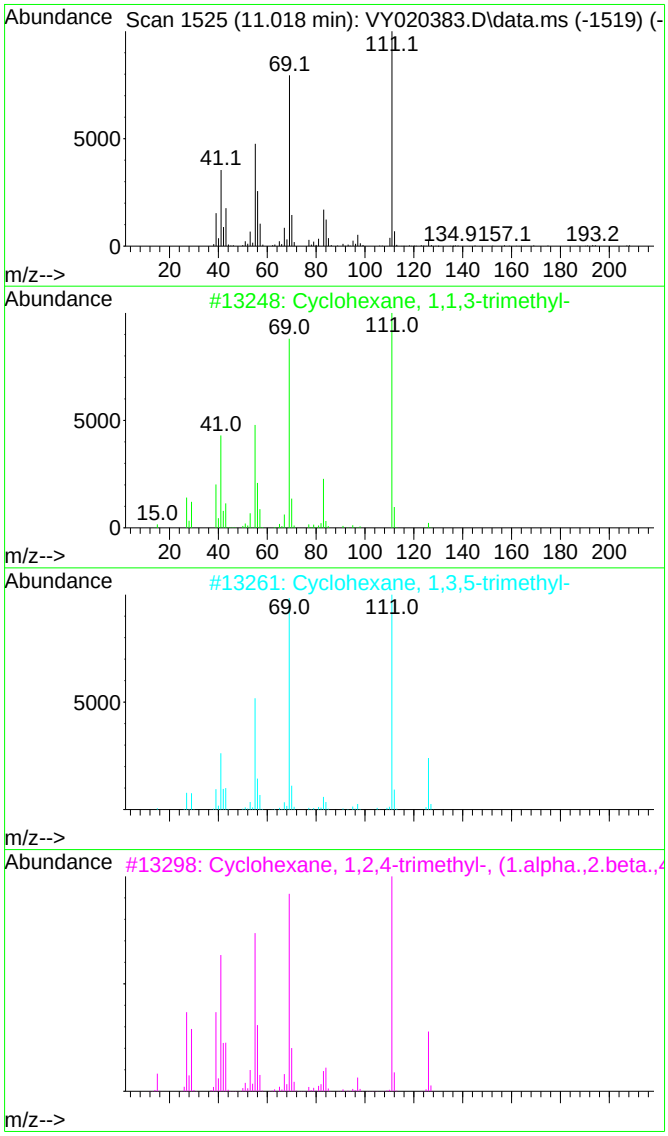
Quant Title : SW846 8260

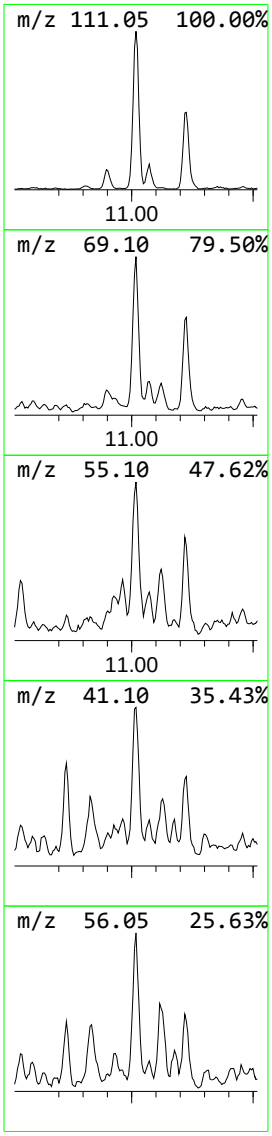
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.018	21.09 ug/l	335666	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	59
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	53
5	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	53





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Instrument :
MSVOA_Y
ClientSampleId :
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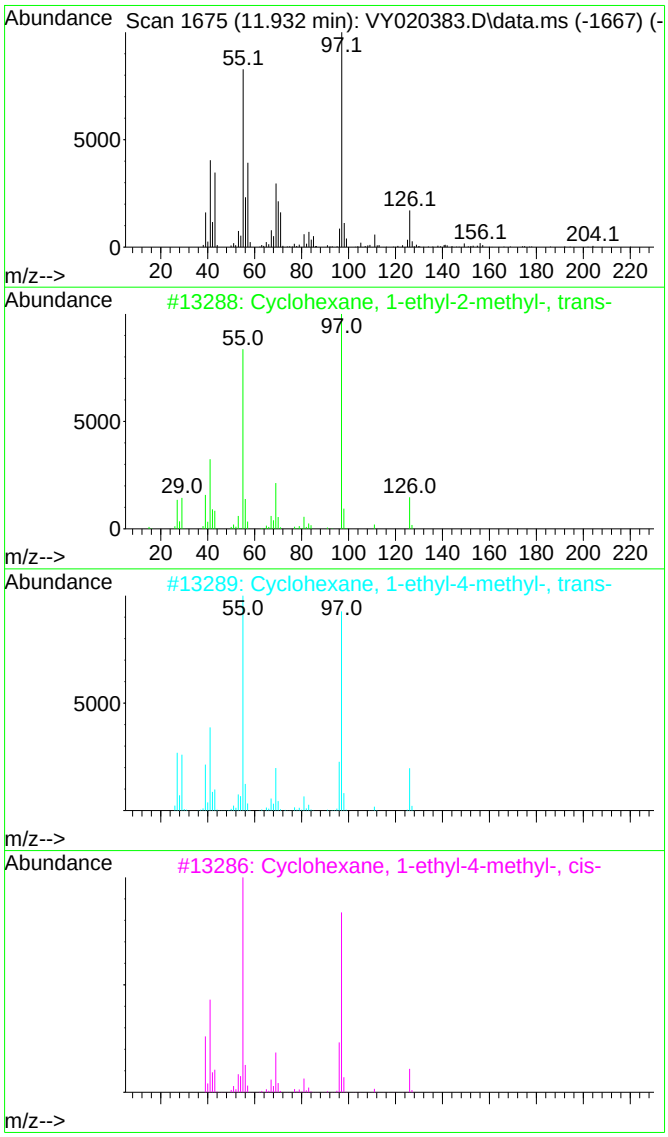
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

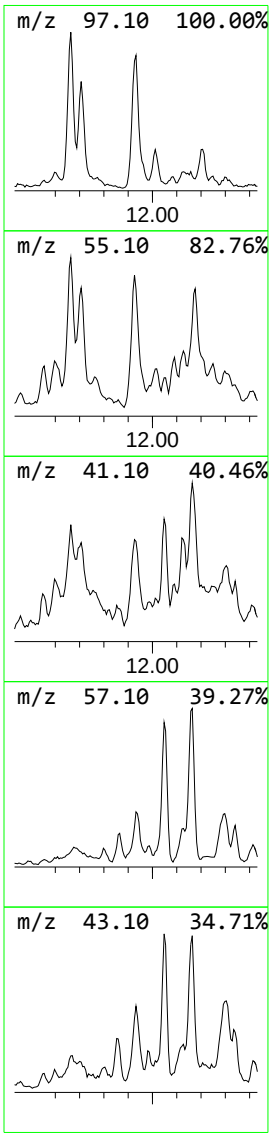
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.932	22.62 ug/l	359991	Chlorobenzene-d5	11.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	76
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	59





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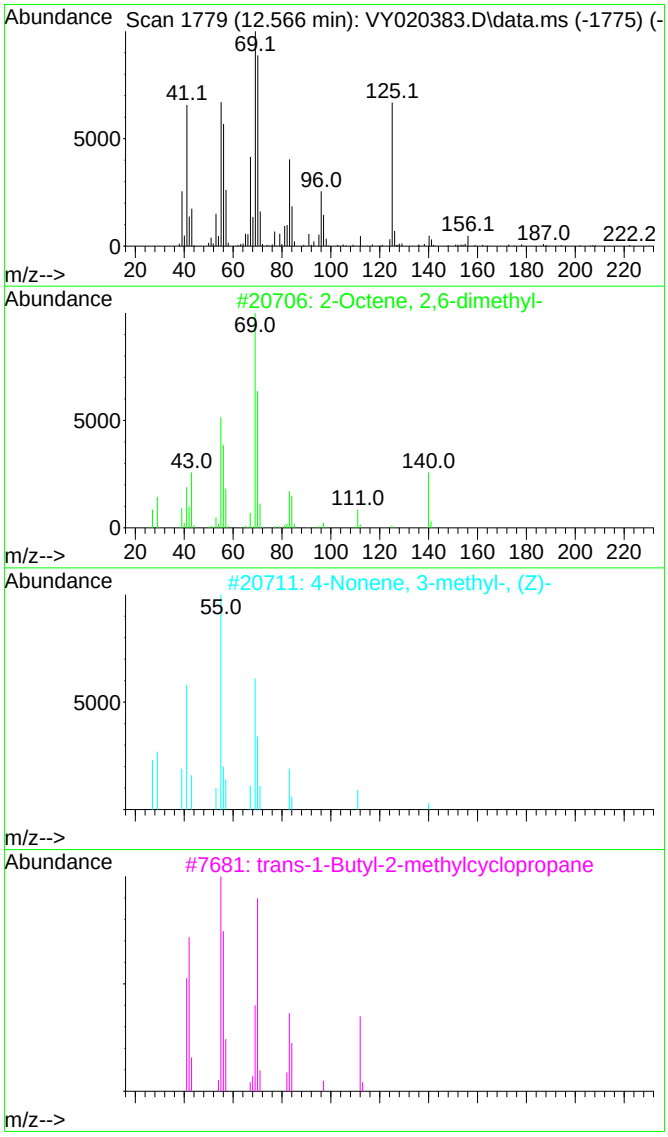
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

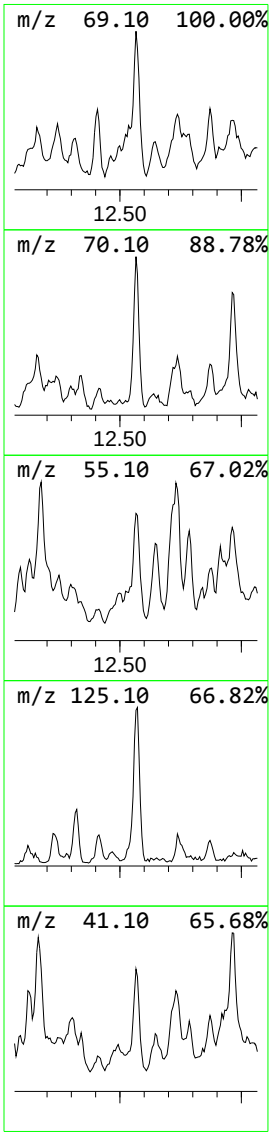
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.566	21.22 ug/l	285574	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	60
2	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	46
3	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	43
4	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	43
5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	41





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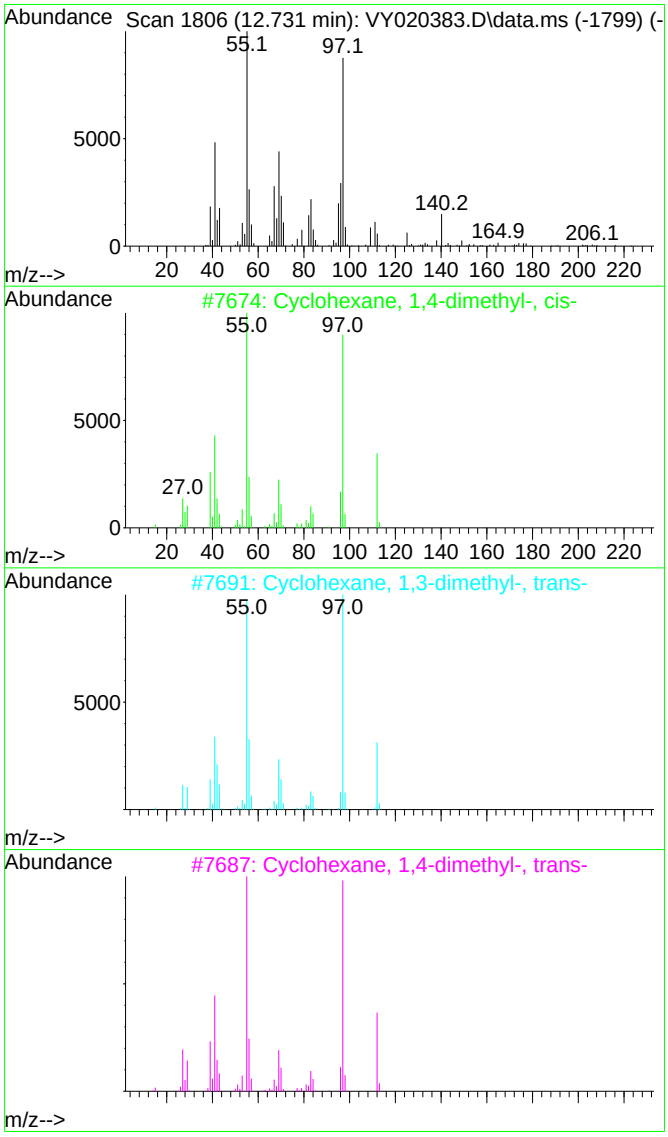
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

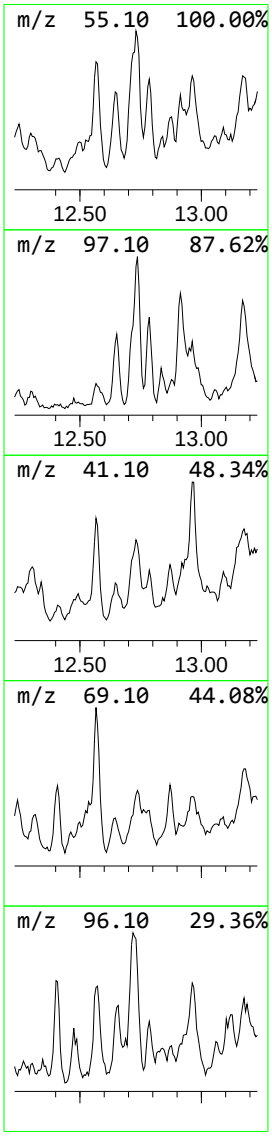
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.731	22.79 ug/l	306745	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	52
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	49
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	49
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	49
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	49





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Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

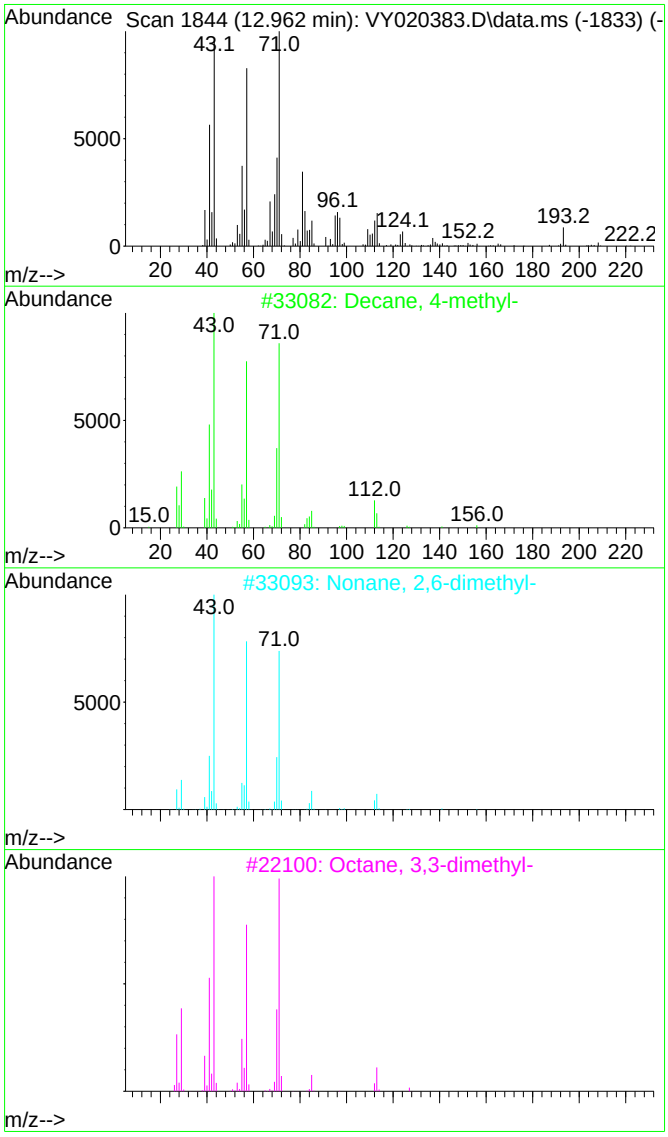
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

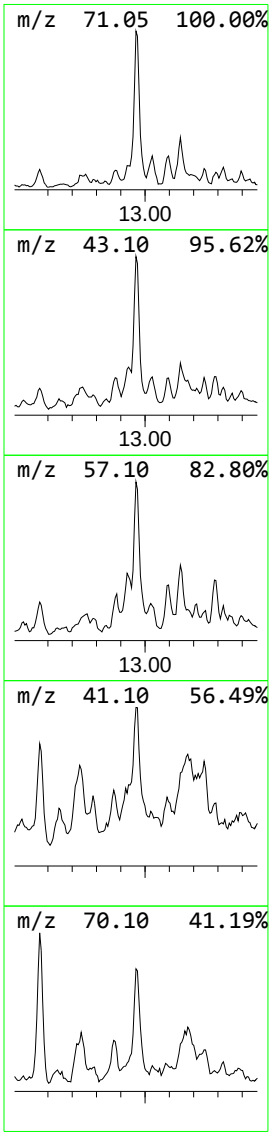
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Decane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.963	40.06 ug/l	539173	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	93
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	62
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
4	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	47
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47





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MSVOA_Y
ClientSampleId :
MH-759-VOC

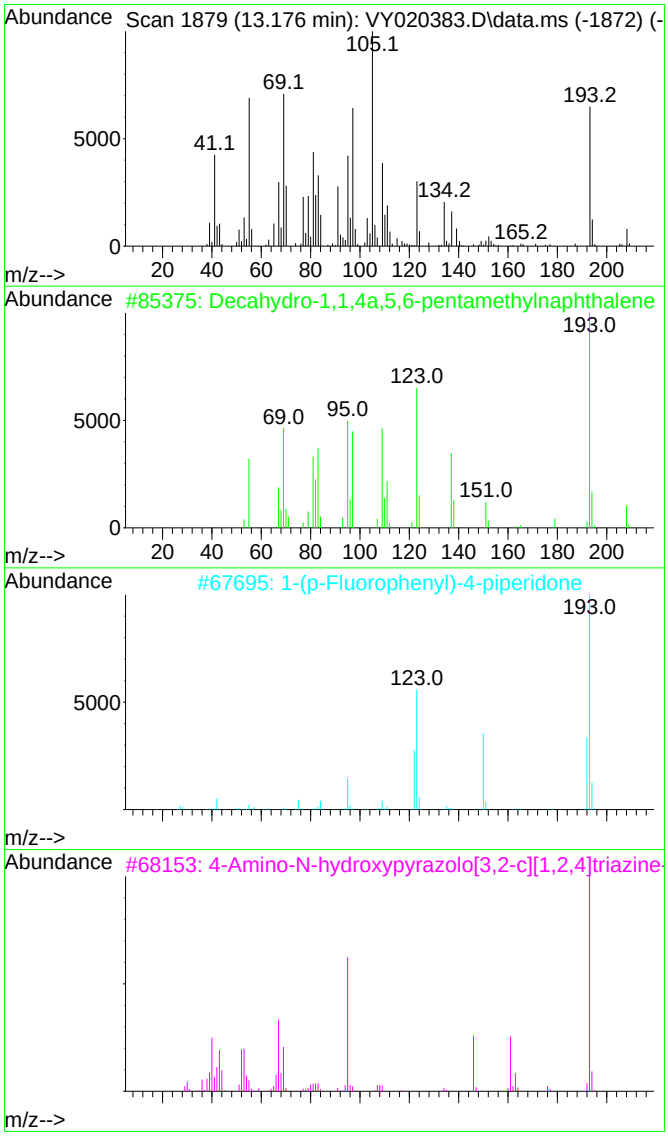
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

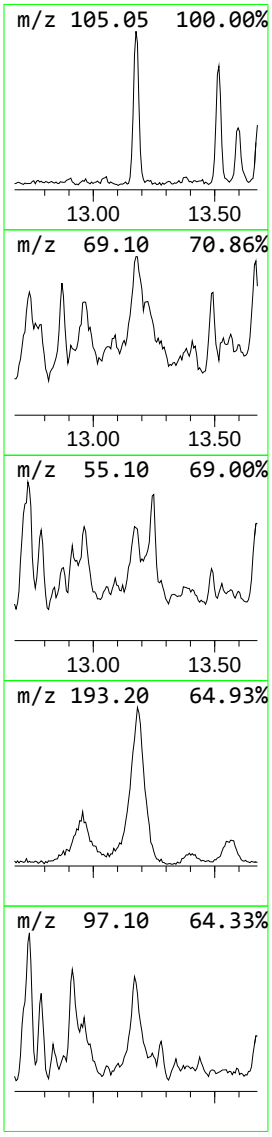
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.176	32.03 ug/l	431104	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	90
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	27
3	4-Amino-N-hydroxypyrazolo[3,2-c]...	193	C6H7N7O	1000443-50-2	25
4	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-48-2	22
5	Cyclohexanemethanol, 4-methyl-, ...	128	C8H16O	003937-49-3	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
Data File : VY020383.D
Acq On : 21 Nov 2024 13:46
Operator : SY/MD
Sample : P4910-07
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

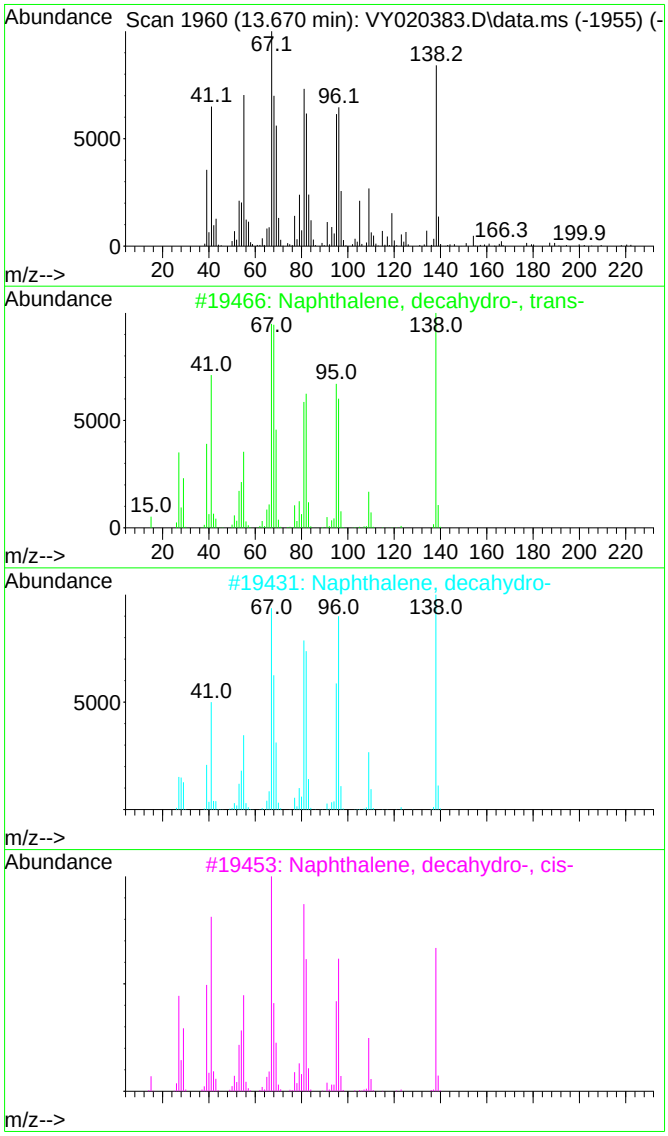
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

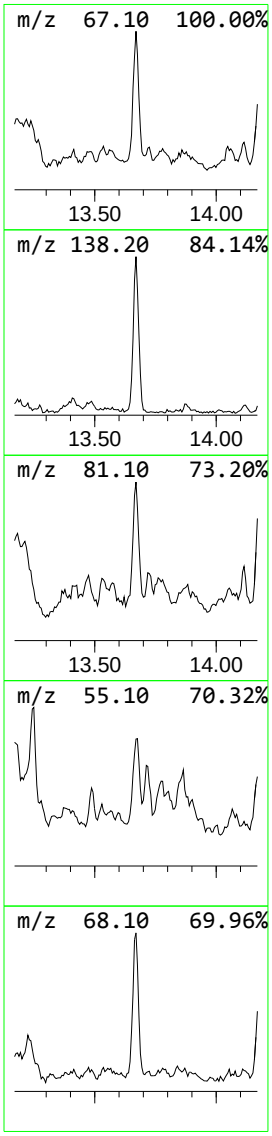
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, decahydro-, tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.670	25.07 ug/l	337372	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
4	Spiro[4.5]decane	138	C10H18	000176-63-6	87
5	Cyclodecene	138	C10H18	003618-12-0	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
Data File : VY020383.D
Acq On : 21 Nov 2024 13:46
Operator : SY/MD
Sample : P4910-07
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

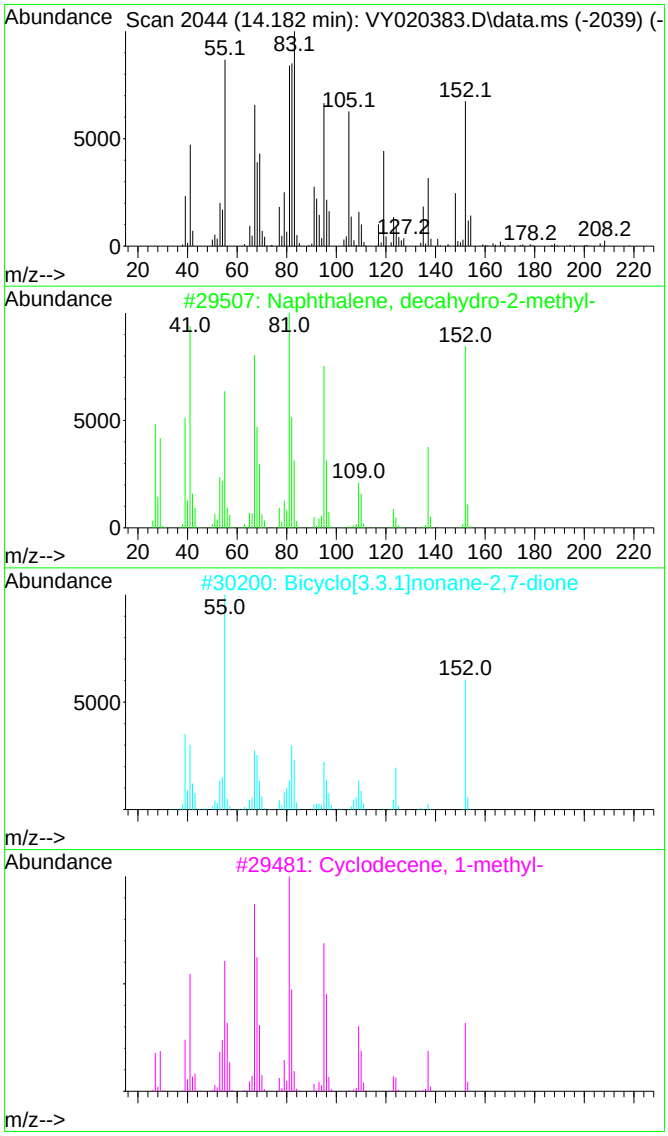
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

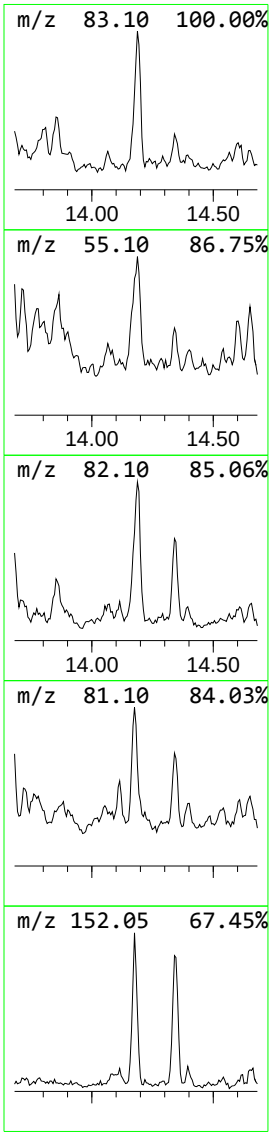
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.182	18.61 ug/l	250515	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	Bicyclo[3.3.1]nonane-2,7-dione	152	C9H12O2	1000210-30-3	38
3	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	38
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	38
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
Data File : VY020383.D
Acq On : 21 Nov 2024 13:46
Operator : SY/MD
Sample : P4910-07
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

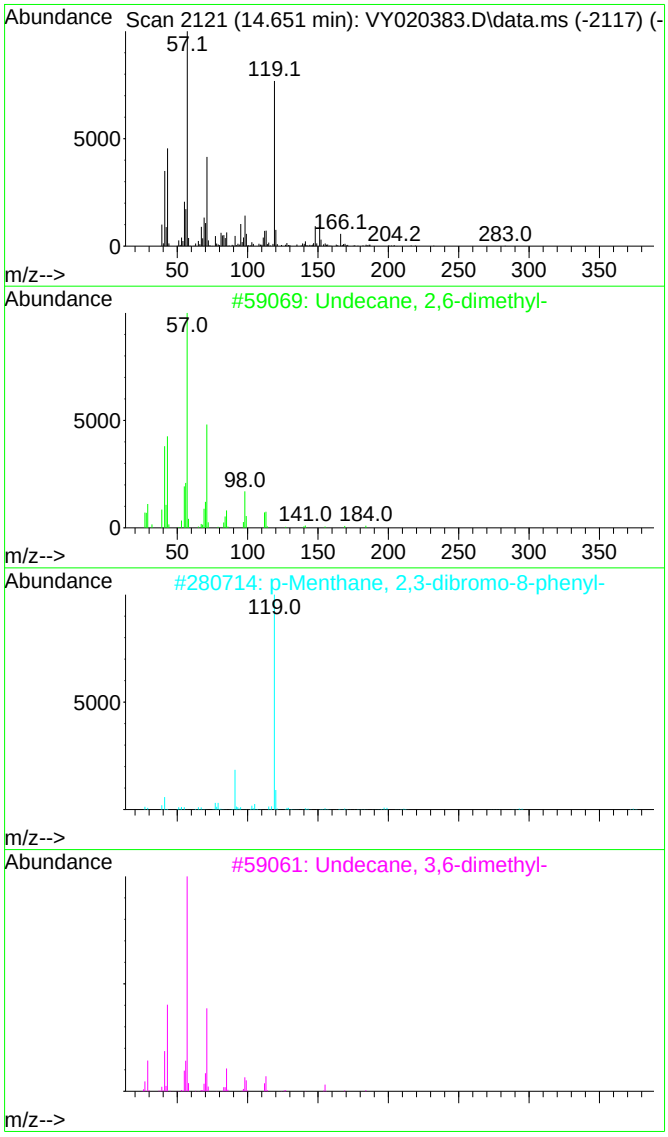
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

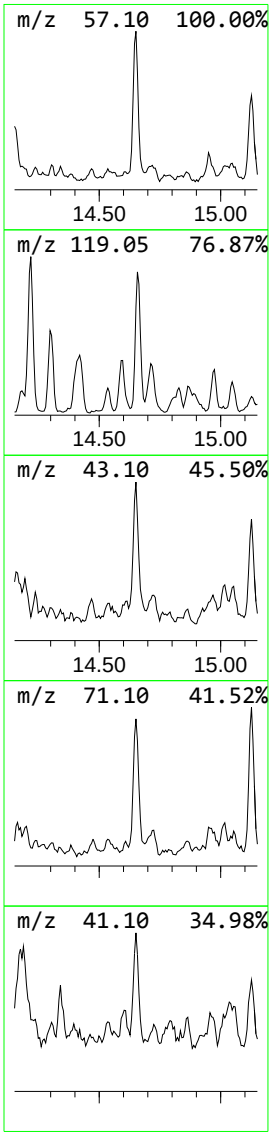
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	20.79 ug/l	279793	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	35
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	30
4	2-Methyl-6-(p-tolyl)hept-2-en-4-ol	218	C15H22O	038142-57-3	27
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
Data File : VY020383.D
Acq On : 21 Nov 2024 13:46
Operator : SY/MD
Sample : P4910-07
Misc : 4.52g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

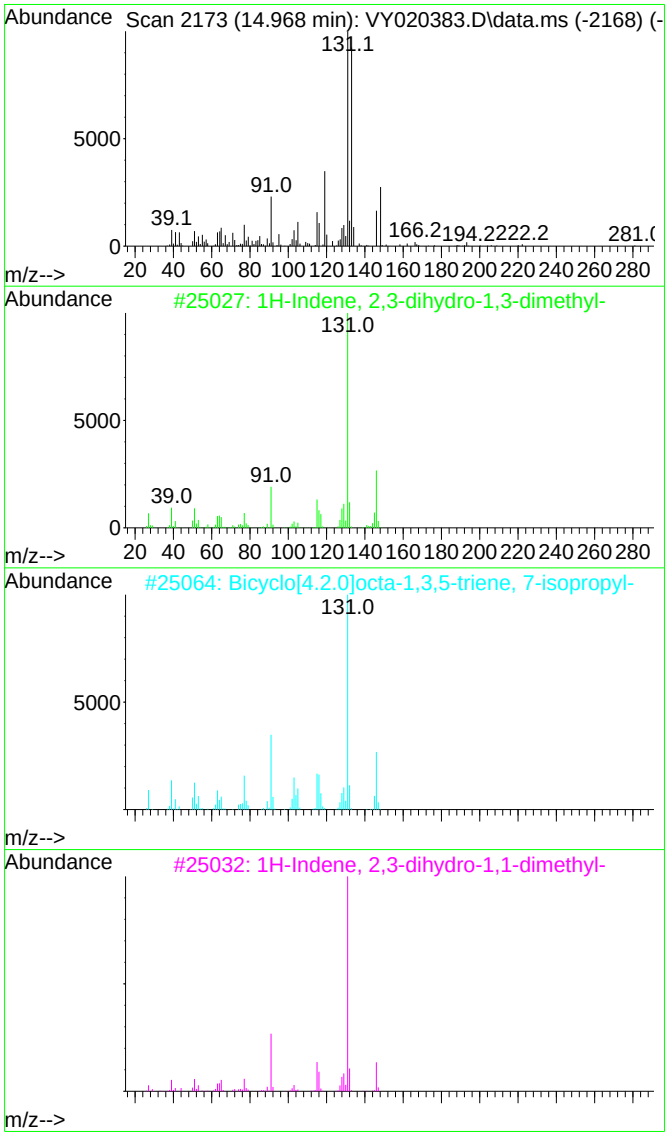
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260

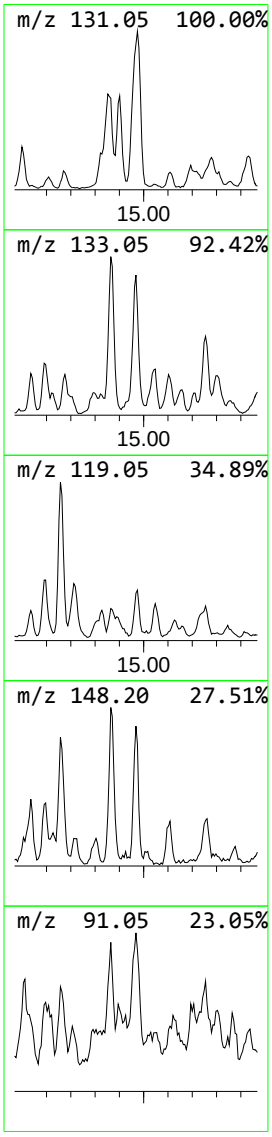
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.968	21.03 ug/l	283074	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	50
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	50
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	50
5	Cyclopropane, 1-chloro-1-methyl-...	166	C10H11Cl	1000161-07-9	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
Data File : VY020383.D
Acq On : 21 Nov 2024 13:46
Operator : SY/MD
Sample : P4910-07
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-759-VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.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
Cyclohexane, 1,...	11.018	21.1	ug/l	335666	3	11.414	795648	50.0
Cyclohexane, 1-...	11.932	22.6	ug/l	359991	3	11.414	795648	50.0
2-Octene, 2,6-d...	12.566	21.2	ug/l	285574	4	13.347	672954	50.0
Cyclohexane, 1,...	12.731	22.8	ug/l	306745	4	13.347	672954	50.0
Decane, 4-methyl-	12.963	40.1	ug/l	539173	4	13.347	672954	50.0
Decahydro-1,1,4...	13.176	32.0	ug/l	431104	4	13.347	672954	50.0
Naphthalene, de...	13.670	25.1	ug/l	337372	4	13.347	672954	50.0
Naphthalene, de...	14.182	18.6	ug/l	250515	4	13.347	672954	50.0
Undecane, 2,6-d...	14.651	20.8	ug/l	279793	4	13.347	672954	50.0
1H-Indene, 2,3-...	14.968	21.0	ug/l	283074	4	13.347	672954	50.0