LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011043.D
Acq On : 21 Oct 2022 12:29
Operator : KP/MD
Sample : N5217-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

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\82Y101722S.M
Title : SW846 8260

Signal : TIC: VY011043.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	465	475	490	rVB2	22079	71599	2.36%	0.201%
2	6.972	833	845	856	rBV	36902	110755	3.65%	0.311%
3	7.716	957	967	973	rBV	299578	719466	23.72%	2.017%
4	7.789	973	979	991	rVB	463543	1044226	34.43%	2.928%
5	8.143	1025	1037	1049	rVB2	291282	666999	21.99%	1.870%
6	8.691	1118	1127	1140	rBV	684604	1352521	44.60%	3.792%
7	9.185	1193	1208	1214	rBV2	59315	157115	5.18%	0.441%
8	9.459	1243	1253	1262	rVB2	26153	66822	2.20%	0.187%
9	9.606	1265	1277	1288	rBV2	57110	113540	3.74%	0.318%
10	9.758	1292	1302	1306	rBV	34278	70938	2.34%	0.199%
11	9.819	1306	1312	1316	rBV	61467	119482	3.94%	0.335%
12	9.941	1323	1332	1347	rBV4	105662	351343	11.59%	0.985%
13	10.069	1347	1353	1356	rBV2	28127	56967	1.88%	0.160%
14	10.179	1363	1371	1386	rBV	1616349	3032563	100.00%	8.503%
15	10.307	1386	1392	1393	rVV3	19505	31979	1.05%	0.090%
16	10.349	1393	1399	1409	rVB3	178957	510810	16.84%	1.432%
17	10.484	1416	1421	1422	rBV	36878	49178	1.62%	0.138%
18	10.520	1422	1427	1433	rVB	364274	618532	20.40%	1.734%
19	10.618	1433	1443	1448	rBV2	170029	359776	11.86%	1.009%
20	10.666	1448	1451	1455	rVB	38887	54429	1.79%	0.153%
21	10.709	1455	1458	1463	rVB2	39052	54928	1.81%	0.154%
22	10.758	1463	1466	1469	rBV	21912	33517	1.11%	0.094%
23	10.801	1469	1473	1479	rVB	70067	112520	3.71%	0.315%
24	10.904	1479	1490	1493	rBV2	47328	118431	3.91%	0.332%
25	10.941	1493	1496	1498	rVV	42292	63260	2.09%	0.177%
26	10.971	1498	1501	1503	rVV3	53556	83872	2.77%	0.235%
27	11.002	1503	1506	1508	rVV	94054	143403	4.73%	0.402%
28	11.038	1508	1512	1516	rVV	262578	438527	14.46%	1.230%
29	11.087	1516	1520	1526	rVV	577513	973475	32.10%	2.730%
30	11.142	1526	1529	1533	rVV	70735	102402	3.38%	0.287%
31	11.203	1533	1539	1543	rVV3	112886	219016	7.22%	0.614%
32	11.246	1543	1546	1548	rVV2	30285	42808	1.41%	0.120%
33	11.294	1548	1554	1563	rVB5	183683	423894	13.98%	1.189%
34	11.380	1563	1568	1572	rBV	84089	138291	4.56%	0.388%
35	11.489	1579	1586	1595	rBV	955551	1569340	51.75%	4.400%
36	11.581	1595	1601	1605	rBV3	73213	141948	4.68%	0.398%

LSC Area Percent Report

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Sample : N5217-03
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

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

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Title : SW846 8260

37	11.624	1605	1608	1612	rVB	121687	163609	5.40%	0.459%
38	11.691	1612	1619	1621	rBV3	178566	388713	12.82%	1.090%
39	11.739	1623	1627	1638	rVB3	367771	1095006	36.11%	3.070%
40	11.843	1638	1644	1647	rBV2	79728	162083	5.34%	0.454%
41	11.898	1647	1653	1656	rBV2	127011	207601	6.85%	0.582%
42	12.002	1662	1670	1677	rBV4	511370	1403420	46.28%	3.935%
43	12.056	1677	1679	1681	rVV	146733	173906	5.73%	0.488%
44	12.087	1681	1684	1687	rVV	146289	233812	7.71%	0.656%
45	12.124	1687	1690	1693	rVB	199504	255683	8.43%	0.717%
46	12.203	1693	1703	1706	rBV3	549802	1227691	40.48%	3.442%
47	12.233	1706	1708	1714	rVV2	438589	791859	26.11%	2.220%
48	12.300	1714	1719	1727	rVV7	135697	467182	15.41%	1.310%
49	12.380	1729	1732	1735	rVV4	107852	185627	6.12%	0.520%
50	12.416	1735	1738	1744	rVB4	180374	362598	11.96%	1.017%
51	12.483	1744	1749	1753	rBV	859683	1354417	44.66%	3.798%
52	12.526	1753	1756	1757	rBV	49760	48769	1.61%	0.137%
53	12.562	1758	1762	1767	rVB4	119001	224559	7.40%	0.630%
54	12.642	1768	1775	1782	rVB2	994853	1910389	63.00%	5.356%
55	12.733	1782	1790	1796	rBV6	334987	943293	31.11%	2.645%
56	12.806	1796	1802	1810	rBV5	767036	1616815	53.32%	4.533%
57	12.947	1821	1825	1829	rBV4	256665	404610	13.34%	1.134%
58	13.038	1836	1840	1848	rVB4	424766	824783	27.20%	2.313%
59	13.123	1849	1854	1858	rBV2	300597	528515	17.43%	1.482%
60	13.166	1858	1861	1869	rVB8	120638	232924	7.68%	0.653%
61	13.251	1872	1875	1878	rVB	101363	122496	4.04%	0.343%
62	13.318	1878	1886	1889	rBV7	229351	480062	15.83%	1.346%
63	13.355	1889	1892	1897	rVB5	94643	146909	4.84%	0.412%
64	13.422	1897	1903	1907	rBV	763491	1270816	41.91%	3.563%
65	13.495	1912	1915	1919	rBV3	51715	63764	2.10%	0.179%
66	13.562	1922	1926	1931	rVB4	132243	212356	7.00%	0.595%
67	13.617	1932	1935	1939	rVB2	60987	82591	2.72%	0.232%
68	13.666	1939	1943	1950	rVB2	106972	203501	6.71%	0.571%
69	13.745	1950	1956	1961	rBV3	419774	700305	23.09%	1.964%
70	13.879	1975	1978	1981	rBV	73521	106183	3.50%	0.298%
71	13.916	1981	1984	1988	rVV2	64396	92436	3.05%	0.259%
72	13.971	1989	1993	1998	rVB2	112373	194967	6.43%	0.547%
73	14.074	2005	2010	2015	rBV	126485	210534	6.94%	0.590%
74	14.129	2015	2019	2027	rVB6	84548	180325	5.95%	0.506%
75	14.215	2027	2033	2036	rBV3	59910	106334	3.51%	0.298%
76	14.257	2036	2040	2042	rBV3	53780	80750	2.66%	0.226%

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Integrator: RTE
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Title : SW846 8260

77	14.330	2049	2052	2056	rVB	74142	103954	3.43%	0.291%
78	14.379	2056	2060	2063	rBV2	32688	48648	1.60%	0.136%
79	14.422	2063	2067	2073	rVB3	65325	94928	3.13%	0.266%
80	14.611	2095	2098	2103	rVB3	27634	39494	1.30%	0.111%
81	14.672	2103	2108	2115	rBV2	85921	169290	5.58%	0.475%
82	14.733	2115	2118	2125	rVB6	16114	32525	1.07%	0.091%
83	14.830	2130	2134	2138	rBV2	30214	45305	1.49%	0.127%
84	15.050	2165	2170	2176	rVB2	14637	31134	1.03%	0.087%
85	15.233	2190	2200	2208	rBV	544894	901590	29.73%	2.528%
86	15.318	2209	2214	2224	rVB3	36459	75335	2.48%	0.211%
87	16.287	2366	2373	2389	rVB	103367	217934	7.19%	0.611%
88	16.489	2397	2406	2417	rVB	105975	223884	7.38%	0.628%

Sum of corrected areas: 35664886

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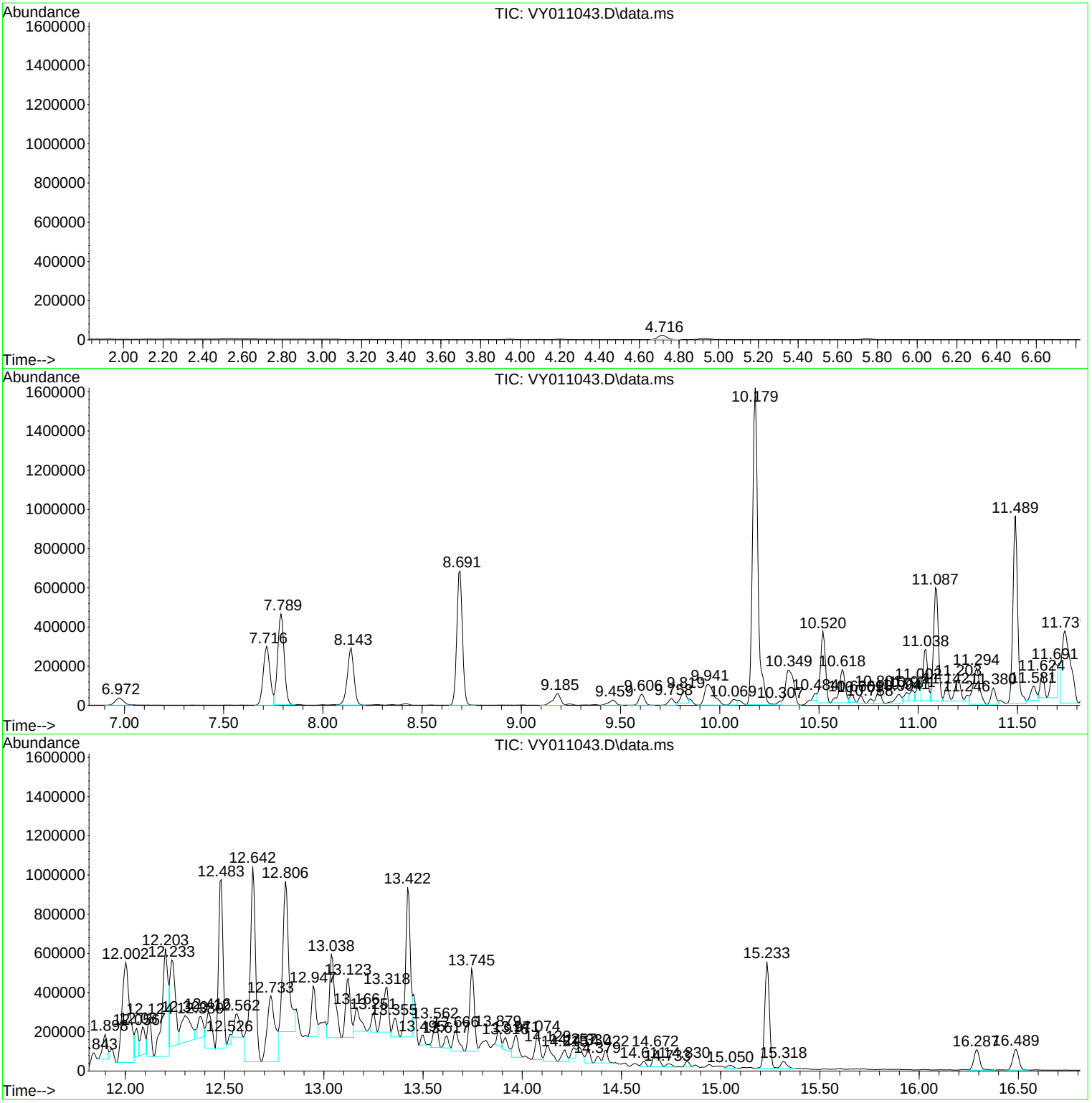
Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
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SB-B1-3.5-4.0

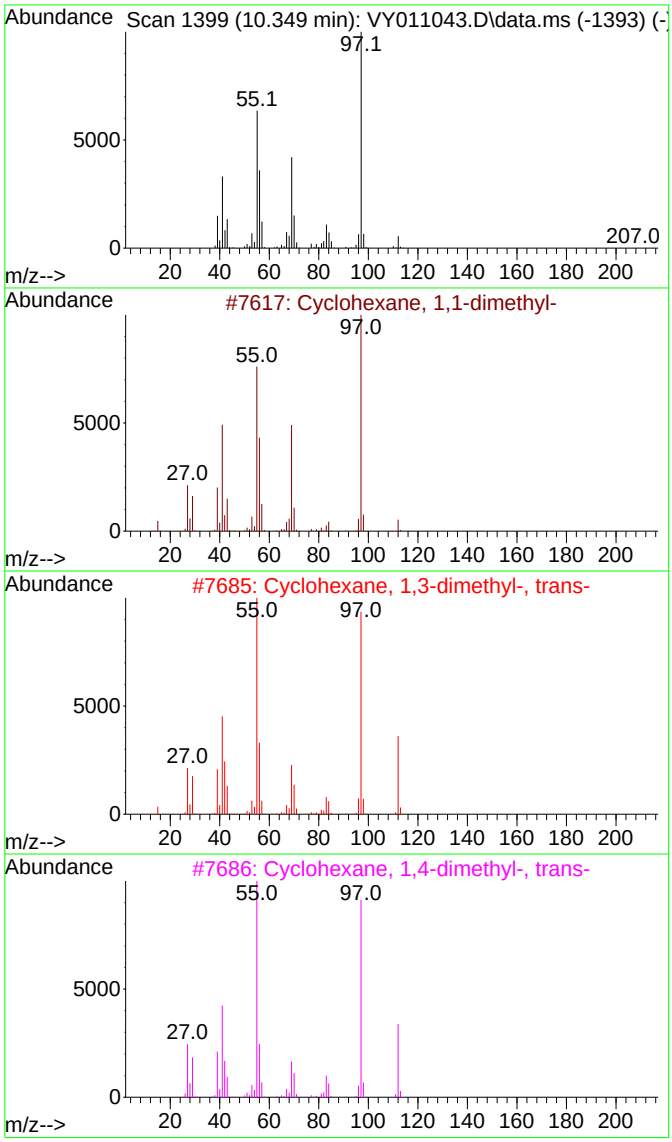
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

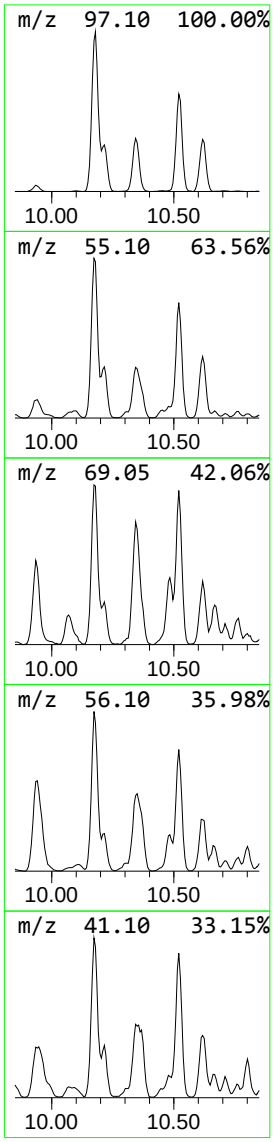
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,1-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	16.27 ug/l	510810	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	78
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	72
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59





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Operator : KP/MD
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

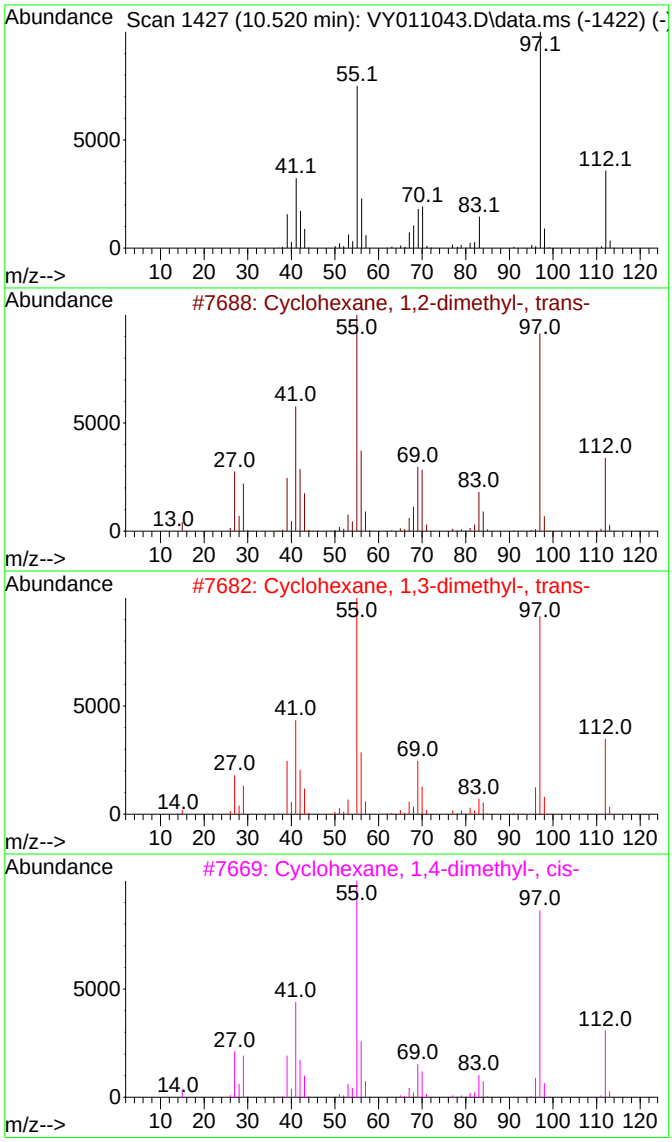
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

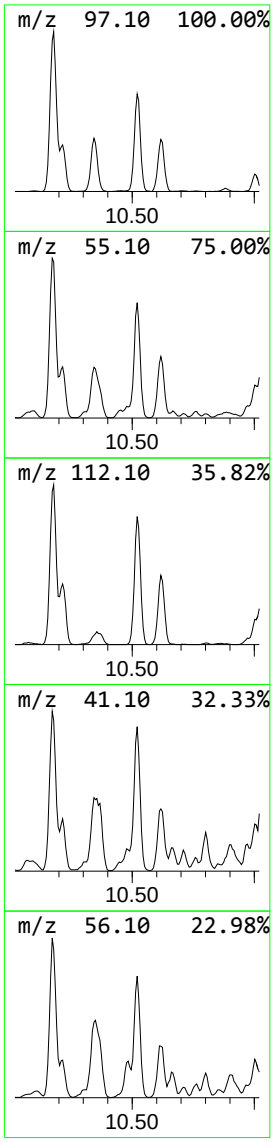
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.520	19.71 ug/l	618532	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	90
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	87
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	87





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Instrument :
MSVOA_Y
ClientSampleId :
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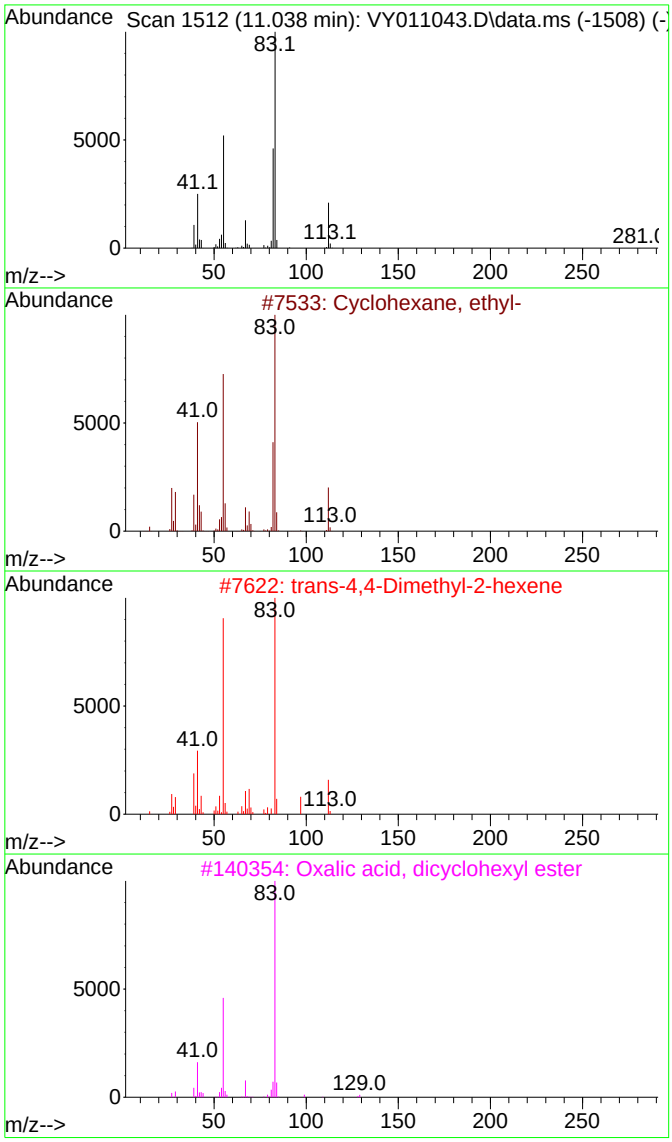
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

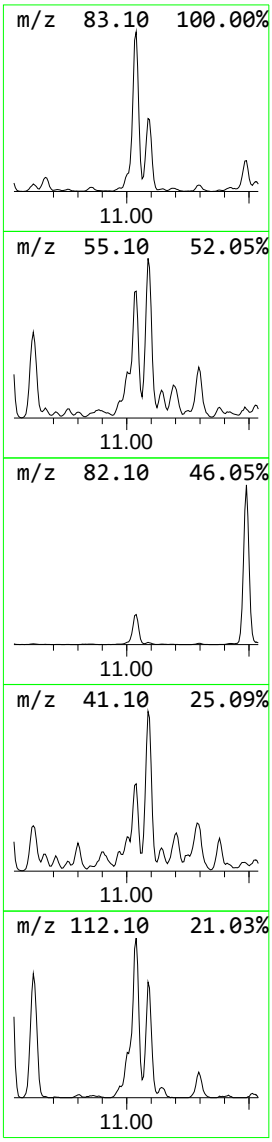
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexane, ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.038	13.97 ug/l	438527	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	trans-4,4-Dimethyl-2-hexene	112	C8H16	019550-83-5	53
3	Oxalic acid, dicyclohexyl ester	254	C14H22O4	1000309-30-9	50
4	Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	50
5	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	50





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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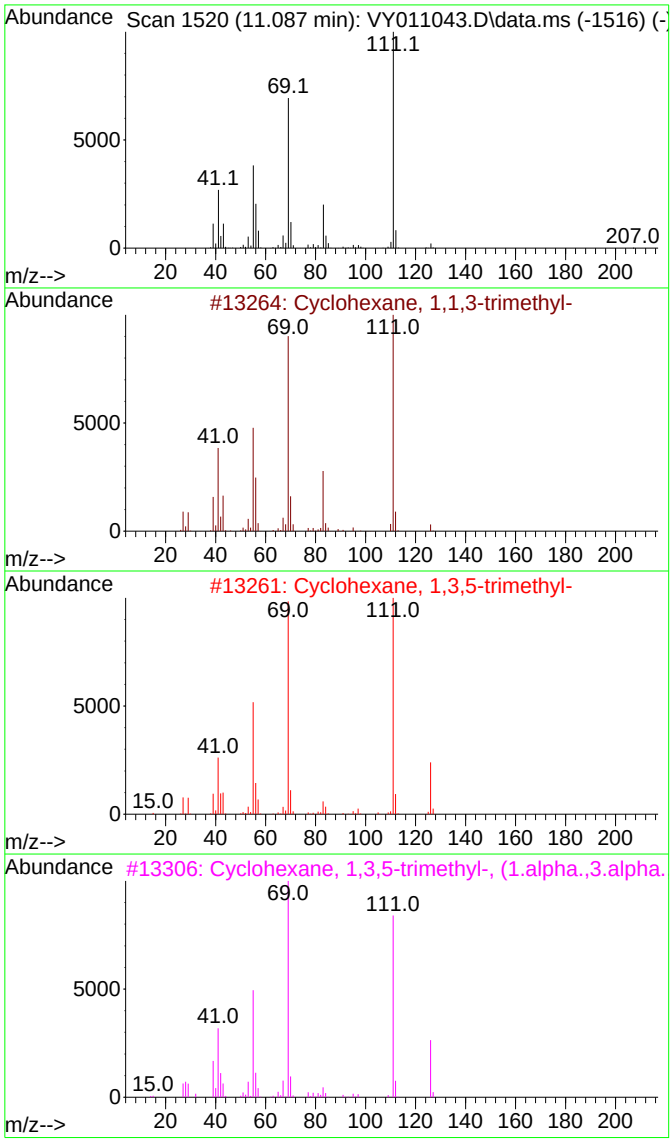
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

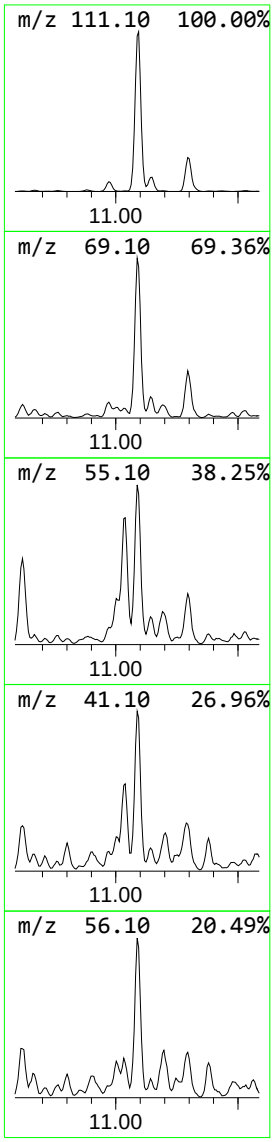
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.087	31.02 ug/l	973475	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	59
4	Cyclooctane, butyl-	168	C12H24	016538-93-5	59
5	p-Fluoroaniline	111	C6H6FN	000371-40-4	50





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-B1-3.5-4.0

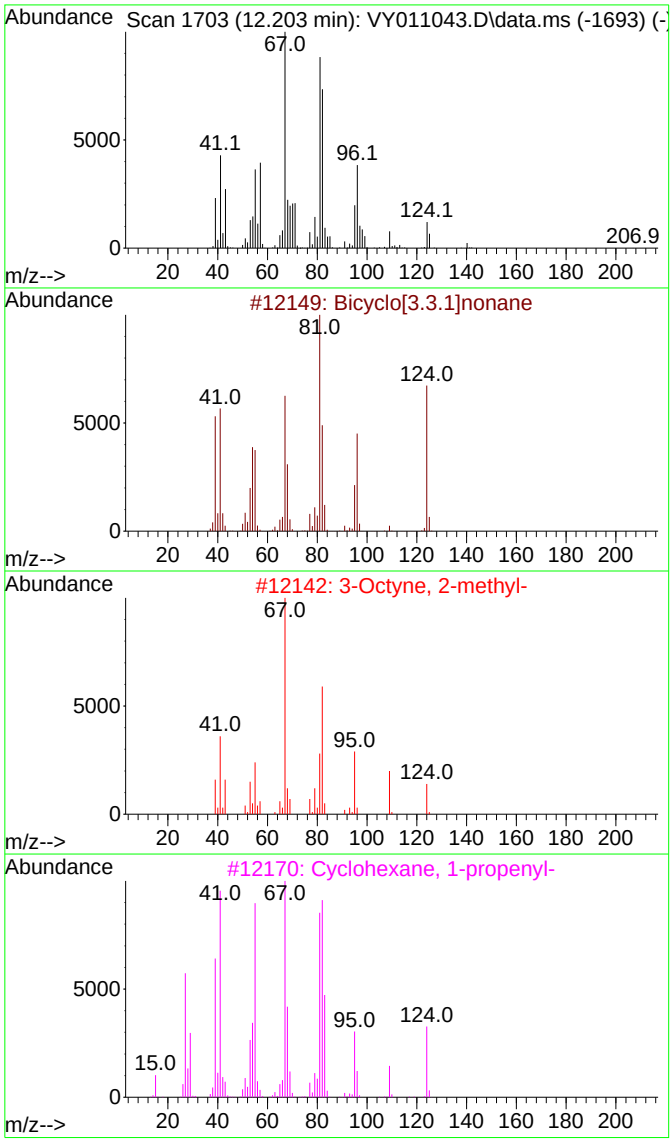
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

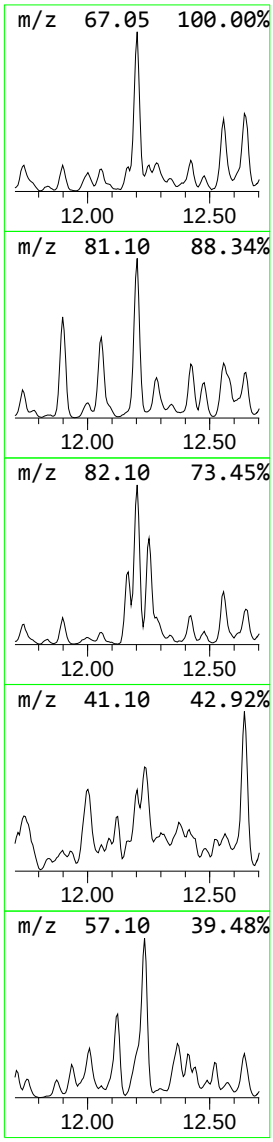
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bicyclo[3.3.1]nonane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.203	39.11 ug/l	1227690	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	60
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	43
3	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	41
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	38
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38





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MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

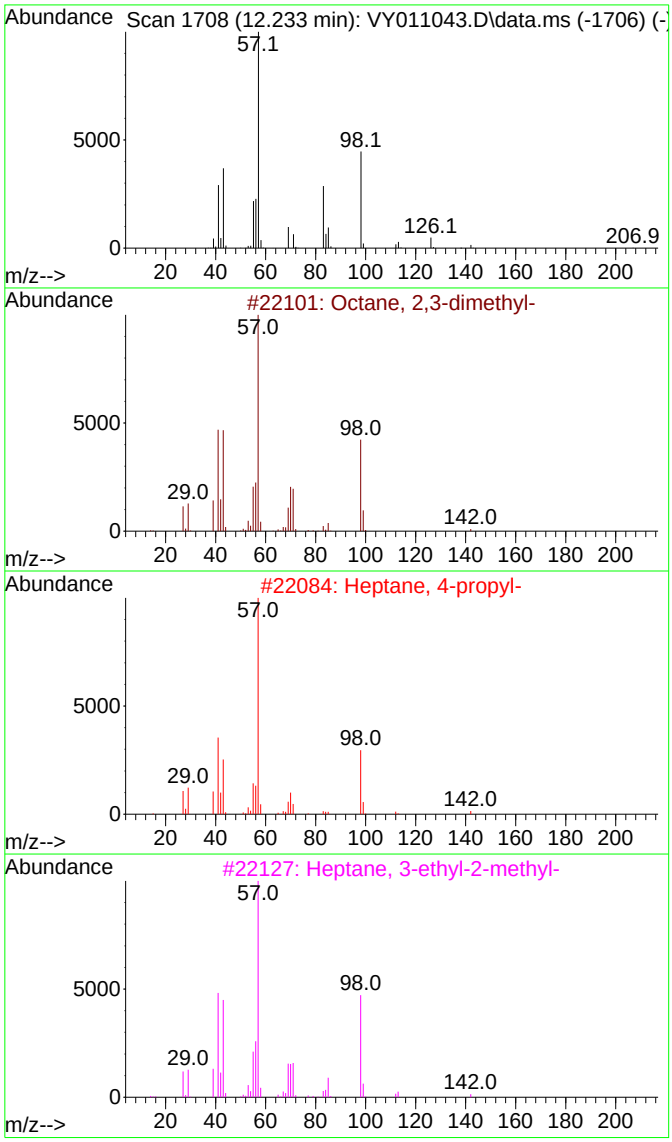
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

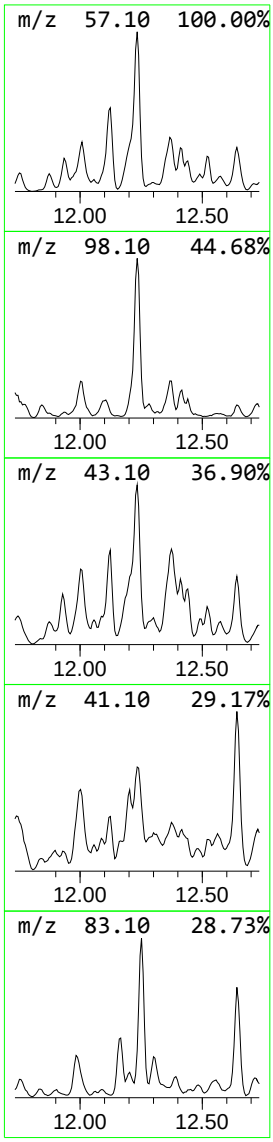
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	25.23 ug/l	791859	Chlorobenzene-d5	11.490

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	50
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	42
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	38
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011043.D
Acq On : 21 Oct 2022 12:29
Operator : KP/MD
Sample : N5217-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

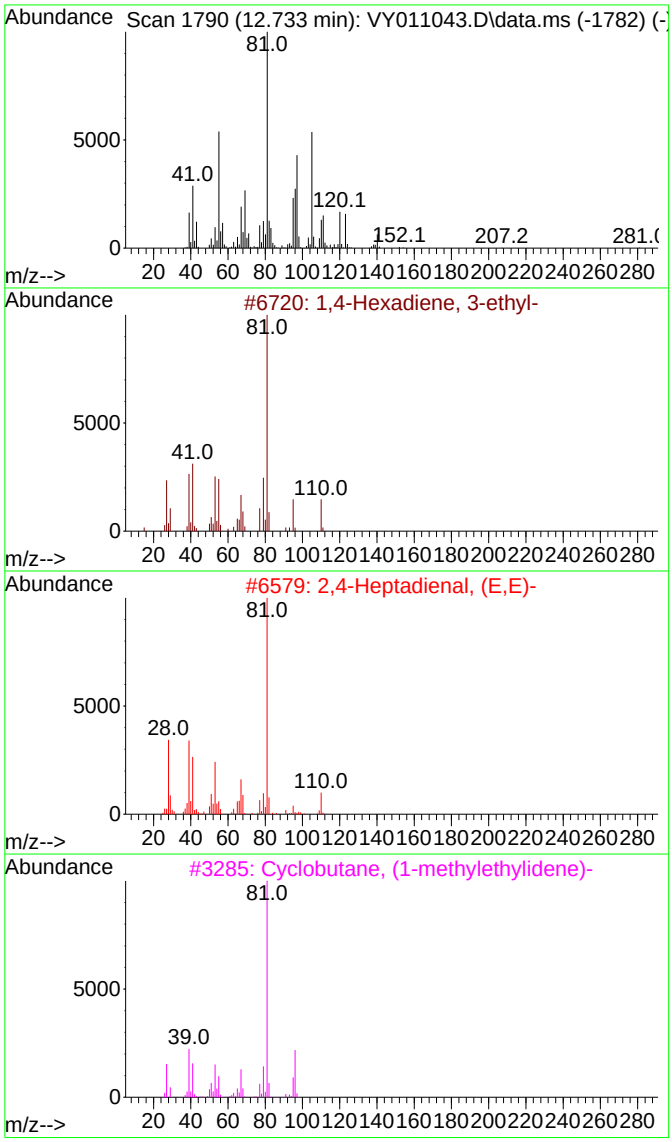
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

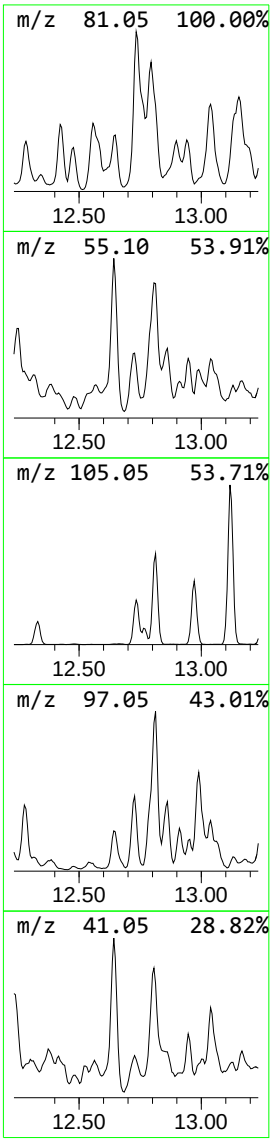
****

Peak Number 7 unknown12.733 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	37.11 ug/l	943293	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 3-ethyl-	110	C8H14	002080-89-9	46
2	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	38
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	38
4	2,4-Decadienal	152	C10H16O	002363-88-4	35
5	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011043.D
Acq On : 21 Oct 2022 12:29
Operator : KP/MD
Sample : N5217-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

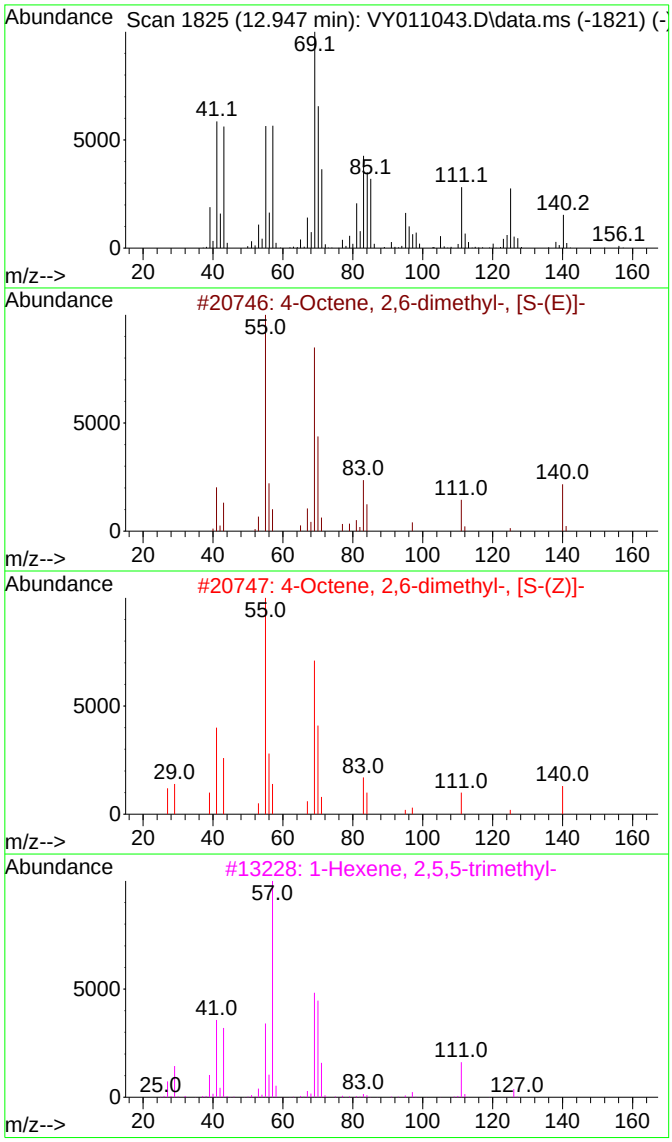
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

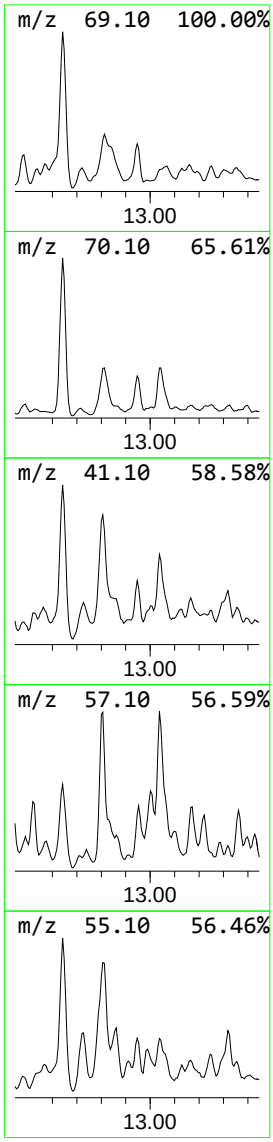
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.947	15.92 ug/l	404610	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	76
2	4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	52
3	1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	43
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	35
5	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011043.D
Acq On : 21 Oct 2022 12:29
Operator : KP/MD
Sample : N5217-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

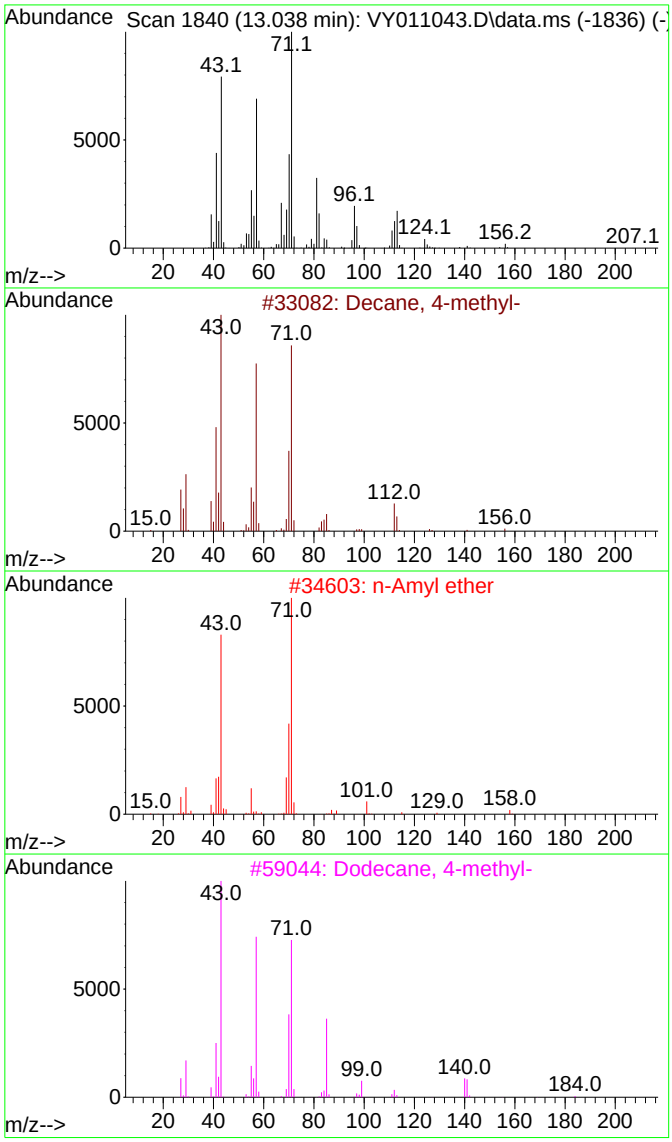
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

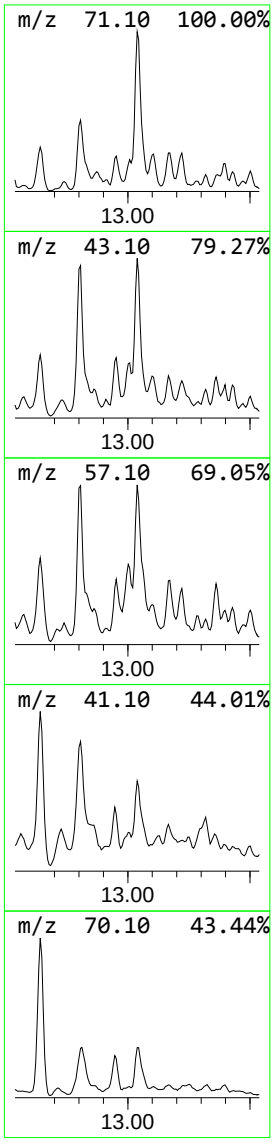
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Decane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	32.45 ug/l	824783	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	58
2	n-Amyl ether	158	C10H22O	000693-65-2	47
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	47
4	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	47
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011043.D
Acq On : 21 Oct 2022 12:29
Operator : KP/MD
Sample : N5217-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

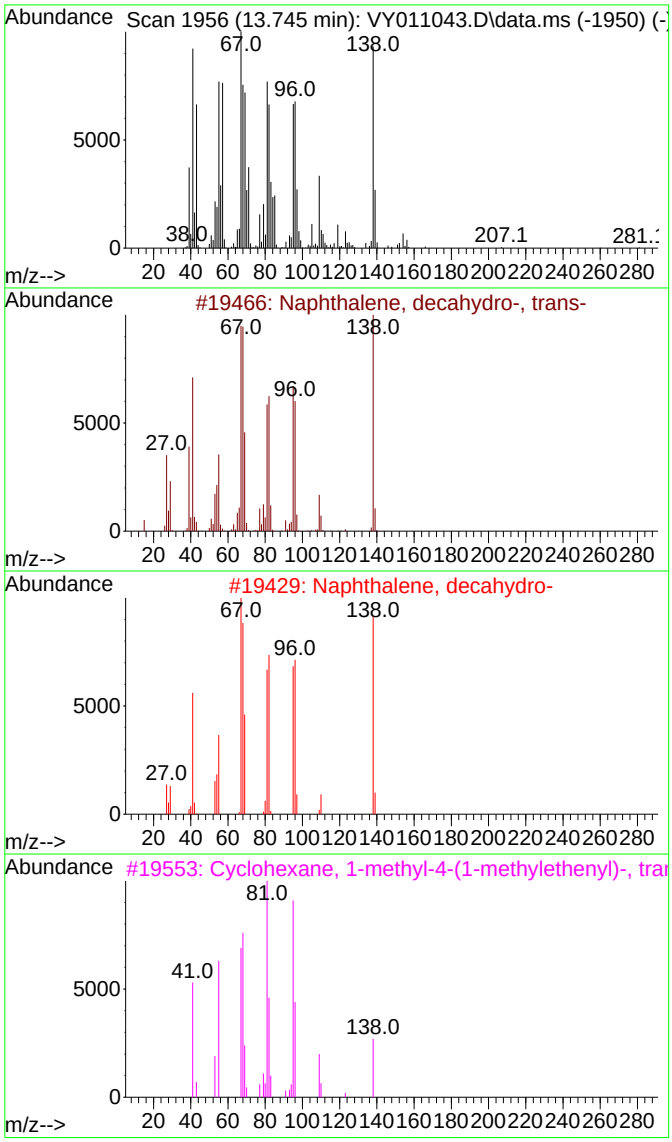
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260

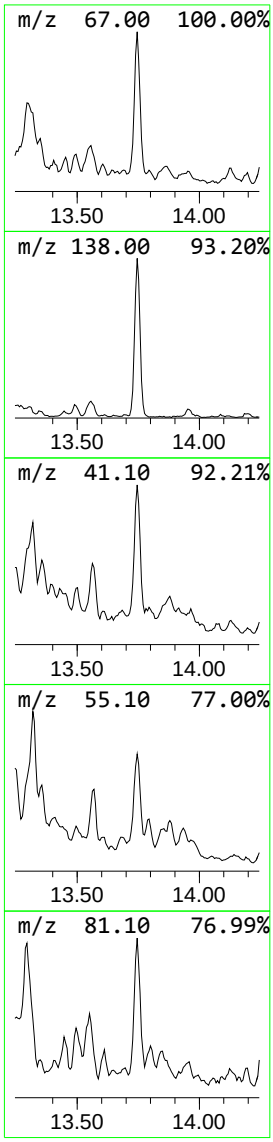
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, decahydro-, tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	27.55 ug/l	700305	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	76
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	70
5	Spiro[4.5]decane	138	C10H18	000176-63-6	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102122\
Data File : VY011043.D
Acq On : 21 Oct 2022 12:29
Operator : KP/MD
Sample : N5217-03
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-B1-3.5-4.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.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,...	10.349	16.3	ug/l	510810	3	11.490	1569340	50.0
Cyclohexane, 1,...	10.520	19.7	ug/l	618532	3	11.490	1569340	50.0
Cyclohexane, et...	11.038	14.0	ug/l	438527	3	11.490	1569340	50.0
Cyclohexane, 1,...	11.087	31.0	ug/l	973475	3	11.490	1569340	50.0
Bicyclo[3.3.1]n...	12.203	39.1	ug/l	1227690	3	11.490	1569340	50.0
Octane, 2,3-dim...	12.233	25.2	ug/l	791859	3	11.490	1569340	50.0
unknown12.733	12.733	37.1	ug/l	943293	4	13.422	1270820	50.0
4-Octene, 2,6-d...	12.947	15.9	ug/l	404610	4	13.422	1270820	50.0
Decane, 4-methyl-	13.038	32.5	ug/l	824783	4	13.422	1270820	50.0
Naphthalene, de...	13.745	27.6	ug/l	700305	4	13.422	1270820	50.0