LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011431.D
Acq On : 11 Nov 2022 19:57
Operator : KP/MD
Sample : N5572-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31916

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\82Y111022S.M
Title : SW846 8260

Signal : TIC: VY011431.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.217	58	65	77	rBV	38228	65966	1.99%	0.115%
2	4.192	377	389	399	rBV	28100	76960	2.32%	0.134%
3	4.710	462	474	490	rBV	51718	173832	5.25%	0.303%
4	4.942	496	512	526	rVB4	10807	53298	1.61%	0.093%
5	6.972	831	845	857	rBV	36591	109627	3.31%	0.191%
6	7.716	956	967	973	rBV	204854	492387	14.87%	0.859%
7	7.789	973	979	993	rVB	244092	555881	16.79%	0.970%
8	8.136	1026	1036	1048	rBV2	197666	467969	14.13%	0.816%
9	8.685	1118	1126	1142	rBV	407387	802165	24.23%	1.399%
10	10.179	1363	1371	1376	rBV	522992	883401	26.68%	1.541%
11	10.240	1376	1381	1395	rVB	388971	673273	20.33%	1.175%
12	10.575	1430	1436	1449	rVB	22787	47809	1.44%	0.083%
13	10.941	1492	1496	1508	rVB	26681	47499	1.43%	0.083%
14	11.282	1543	1552	1556	rBV3	25453	55162	1.67%	0.096%
15	11.380	1563	1568	1578	rVB	25907	42569	1.29%	0.074%
16	11.489	1579	1586	1596	rVV	405061	649231	19.61%	1.133%
17	11.593	1596	1603	1611	rVV	49005	104104	3.14%	0.182%
18	11.709	1611	1622	1630	rVV3	271251	622444	18.80%	1.086%
19	12.026	1663	1674	1682	rBV3	142442	354016	10.69%	0.618%
20	12.124	1682	1690	1698	rVV2	127863	231286	6.99%	0.403%
21	12.197	1698	1702	1705	rVV3	40080	71459	2.16%	0.125%
22	12.239	1705	1709	1714	rVV4	80815	158662	4.79%	0.277%
23	12.325	1718	1723	1727	rVV3	58654	109688	3.31%	0.191%
24	12.410	1728	1737	1739	rVV2	142836	315134	9.52%	0.550%
25	12.441	1739	1742	1745	rVV	145011	207427	6.26%	0.362%
26	12.483	1745	1749	1753	rVV2	338153	561067	16.95%	0.979%
27	12.520	1753	1755	1760	rVB	137323	171645	5.18%	0.299%
28	12.569	1760	1763	1767	rBV4	27850	42854	1.29%	0.075%
29	12.666	1772	1779	1783	rVB	122342	217080	6.56%	0.379%
30	12.733	1783	1790	1793	rBV	509476	842786	25.45%	1.470%
31	12.764	1793	1795	1797	rBV2	148290	132242	3.99%	0.231%
32	12.806	1797	1802	1807	rVB2	1439611	2271065	68.59%	3.962%
33	12.861	1807	1811	1815	rVB	114840	173227	5.23%	0.302%
34	12.910	1815	1819	1822	rBV2	71084	116257	3.51%	0.203%
35	12.971	1822	1829	1832	rBV	289524	567227	17.13%	0.990%
36	13.038	1836	1840	1846	rVB	426234	637593	19.26%	1.112%

LSC Area Percent Report

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
31916

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
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Peak separation: 5

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Title : SW846 8260

37	13.117	1846	1853	1858	rBV	1105572	1759842	53.15%	3.070%
38	13.178	1858	1863	1867	rBV2	187068	342464	10.34%	0.597%
39	13.221	1867	1870	1872	rBV2	104914	145882	4.41%	0.255%
40	13.245	1872	1874	1879	rVB2	177041	234926	7.10%	0.410%
41	13.312	1879	1885	1889	rBV3	474625	899167	27.16%	1.569%
42	13.361	1889	1893	1896	rBV3	394211	519342	15.68%	0.906%
43	13.398	1896	1899	1900	rBV	142664	132741	4.01%	0.232%
44	13.428	1900	1904	1907	rBV3	535181	754476	22.79%	1.316%
45	13.526	1912	1920	1927	rBV	1676318	2766302	83.55%	4.826%
46	13.593	1927	1931	1932	rBV	151616	176608	5.33%	0.308%
47	13.623	1932	1936	1939	rVB	725105	918752	27.75%	1.603%
48	13.666	1939	1943	1952	rVB3	731926	1504226	45.43%	2.624%
49	13.751	1952	1957	1961	rBV	2406847	3311103	100.00%	5.776%
50	13.794	1961	1964	1965	rBV	124020	130586	3.94%	0.228%
51	13.818	1965	1968	1973	rVB	293388	400974	12.11%	0.700%
52	13.885	1975	1979	1981	rBV	332404	498860	15.07%	0.870%
53	13.916	1981	1984	1988	rVB3	639349	865485	26.14%	1.510%
54	13.971	1988	1993	1997	rVB	850240	1175510	35.50%	2.051%
55	14.013	1997	2000	2005	rVB2	296524	466971	14.10%	0.815%
56	14.080	2005	2011	2016	rBV	912688	1446333	43.68%	2.523%
57	14.141	2016	2021	2027	rBV6	252936	628353	18.98%	1.096%
58	14.257	2027	2040	2046	rBV7	774365	2865290	86.54%	4.999%
59	14.379	2056	2060	2063	rBV	679755	921367	27.83%	1.607%
60	14.422	2063	2067	2071	rVB2	456182	629409	19.01%	1.098%
61	14.477	2073	2076	2079	rVV5	228986	343409	10.37%	0.599%
62	14.519	2080	2083	2086	rVV	420818	550325	16.62%	0.960%
63	14.562	2086	2090	2092	rVV	505545	733601	22.16%	1.280%
64	14.611	2094	2098	2103	rVB	1512673	2173290	65.64%	3.791%
65	14.678	2103	2109	2114	rBV4	1209007	2743433	82.86%	4.786%
66	14.727	2114	2117	2124	rVB3	780053	1410180	42.59%	2.460%
67	14.836	2130	2135	2143	rVB	657903	1149242	34.71%	2.005%
68	14.904	2144	2146	2148	rBV2	87004	99797	3.01%	0.174%
69	14.940	2148	2152	2156	rVV2	327733	469992	14.19%	0.820%
70	14.977	2156	2158	2164	rVB2	164266	204289	6.17%	0.356%
71	15.056	2165	2171	2174	rBV4	332673	727475	21.97%	1.269%
72	15.092	2174	2177	2181	rVB2	203083	259847	7.85%	0.453%
73	15.208	2191	2196	2205	rBV7	436507	1161946	35.09%	2.027%
74	15.294	2205	2210	2214	rVV	459732	820667	24.79%	1.432%
75	15.349	2214	2219	2229	rVV5	485049	1491156	45.04%	2.601%
76	15.434	2229	2233	2241	rVB3	578363	1055407	31.87%	1.841%

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Integrator: RTE
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Title : SW846 8260

77	15.525	2241	2248	2255	rBV4	294677	801564	24.21%	1.398%
78	15.605	2256	2261	2266	rVB2	174006	325551	9.83%	0.568%
79	15.727	2277	2281	2288	rVB	638722	1151560	34.78%	2.009%
80	15.891	2303	2308	2324	rVB5	166044	541819	16.36%	0.945%
81	16.031	2324	2331	2337	rBV2	340609	711974	21.50%	1.242%
82	16.153	2348	2351	2355	rBV3	55685	91456	2.76%	0.160%
83	16.226	2357	2363	2369	rVV2	313174	666123	20.12%	1.162%
84	16.293	2369	2374	2381	rVV3	174404	393413	11.88%	0.686%
85	16.354	2382	2384	2394	rVB3	91705	166075	5.02%	0.290%
86	16.489	2400	2406	2412	rBV4	104376	293221	8.86%	0.512%
87	16.629	2424	2429	2438	rVB3	75372	184499	5.57%	0.322%

Sum of corrected areas: 57320572

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ClientSampleId :
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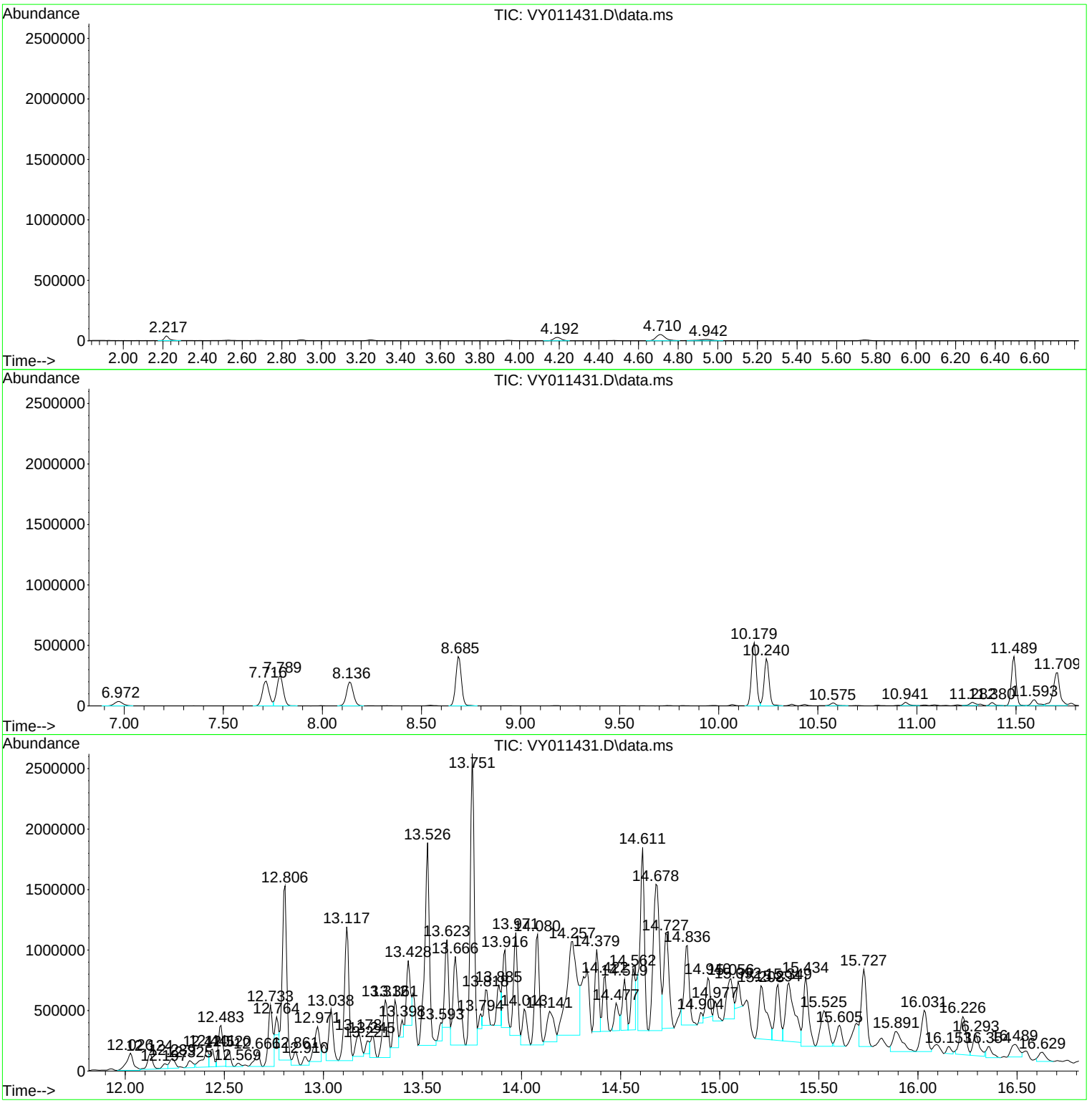
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

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



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Operator : KP/MD
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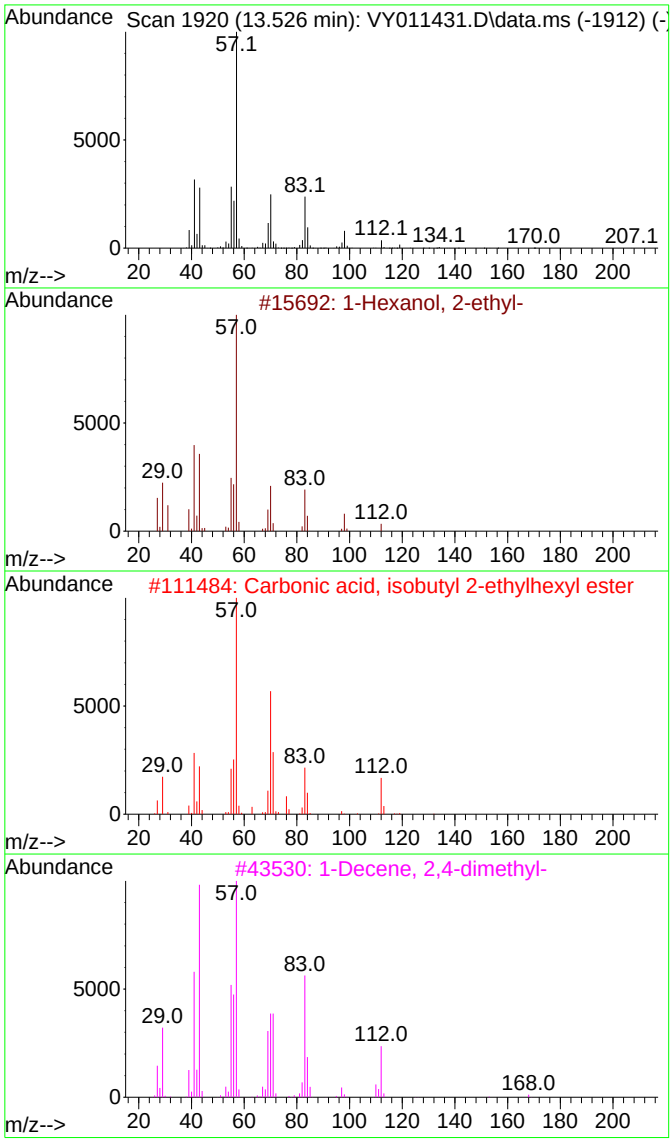
Quant Title : SW846 8260

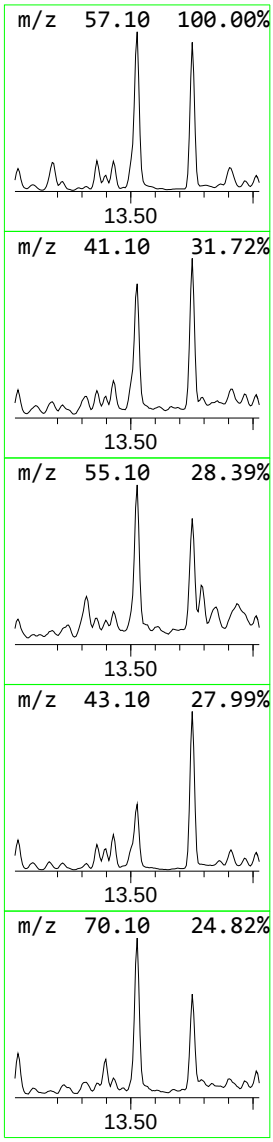
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.526	183.33 ug/l	2766300	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	53
3	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53
4	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	50
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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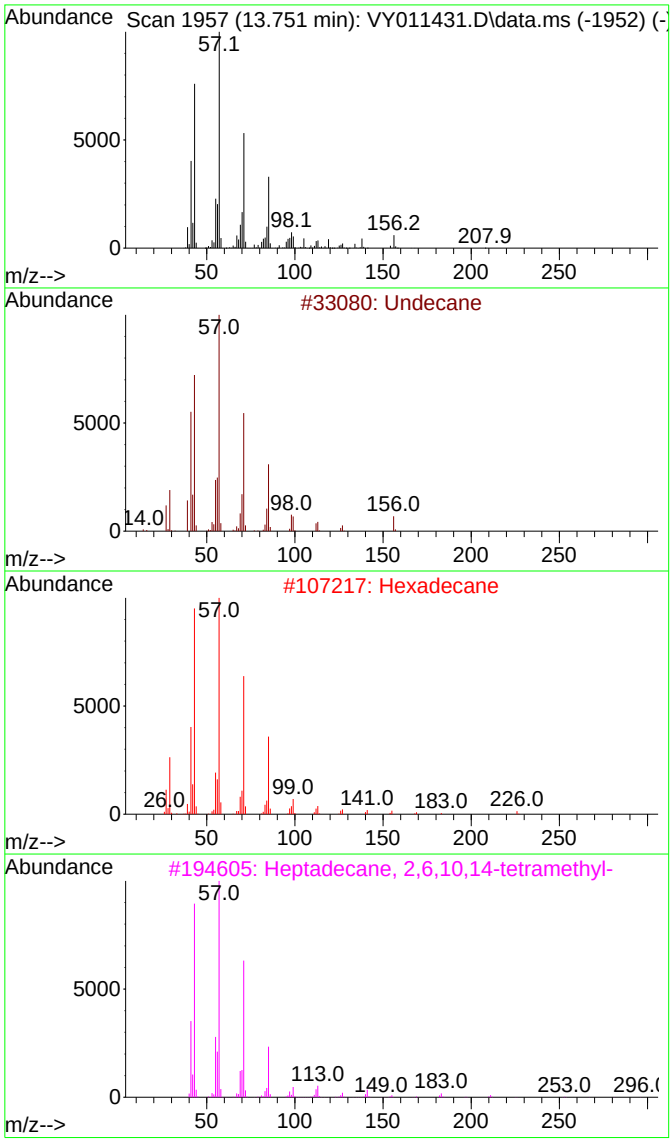
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

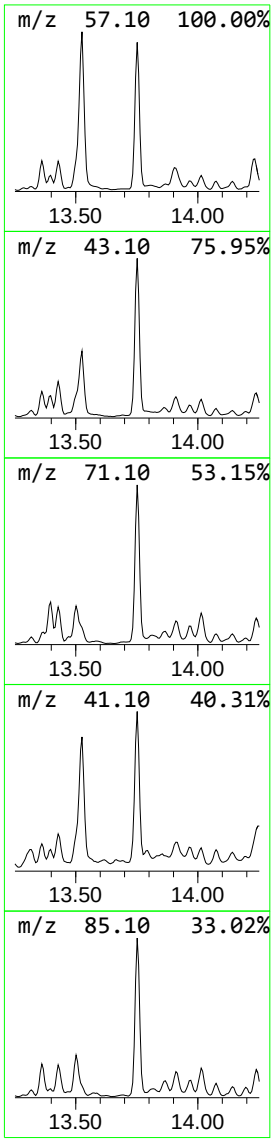
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	219.43 ug/l	3311100	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Hexadecane	226	C16H34	000544-76-3	72
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
4	Tetradecane	198	C14H30	000629-59-4	59
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	53





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ClientSampleId :
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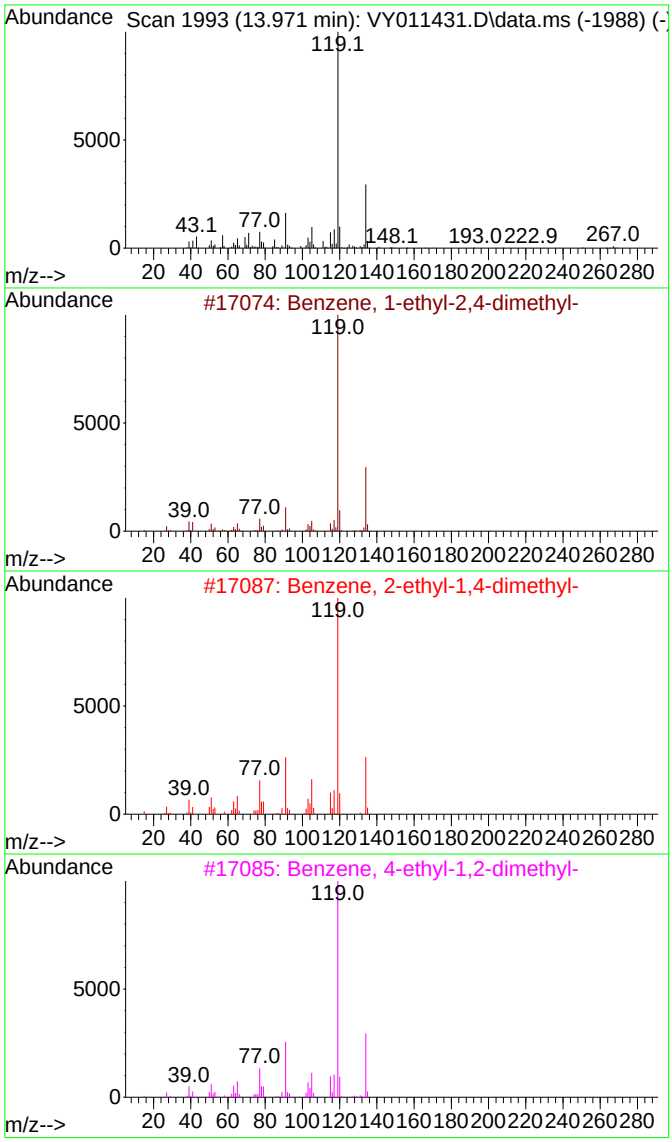
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

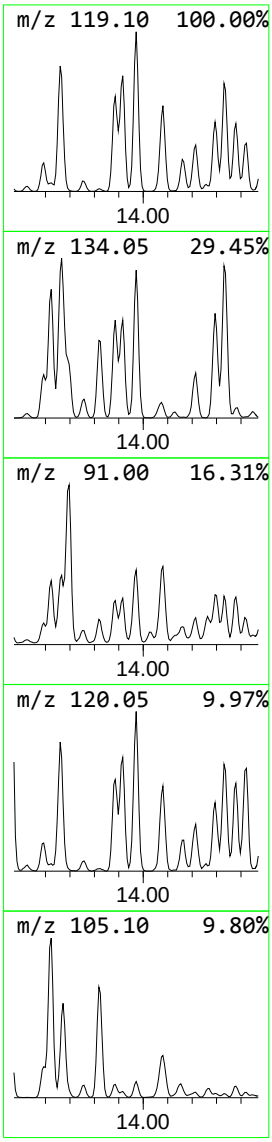
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.971	77.90 ug/l	1175510	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





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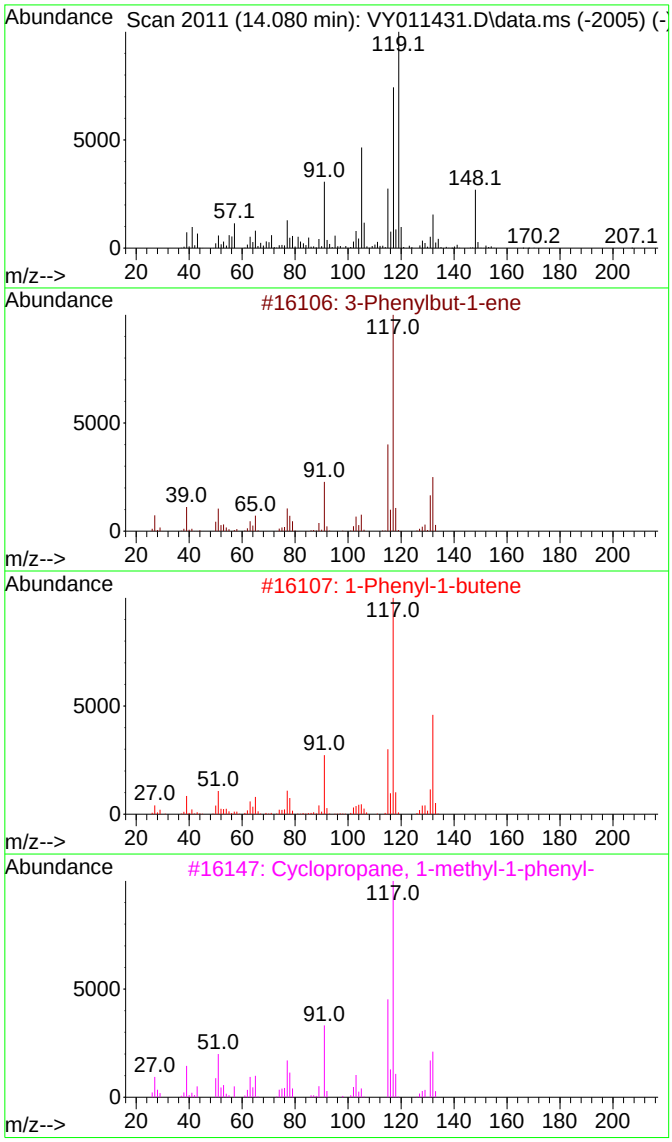
Quant Title : SW846 8260

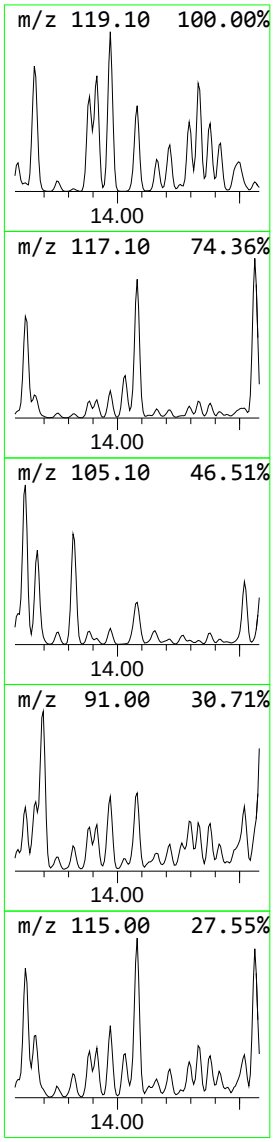
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-Phenylbut-1-ene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.081	95.85 ug/l	1446330	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	52
3	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	46
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	46
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	46





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ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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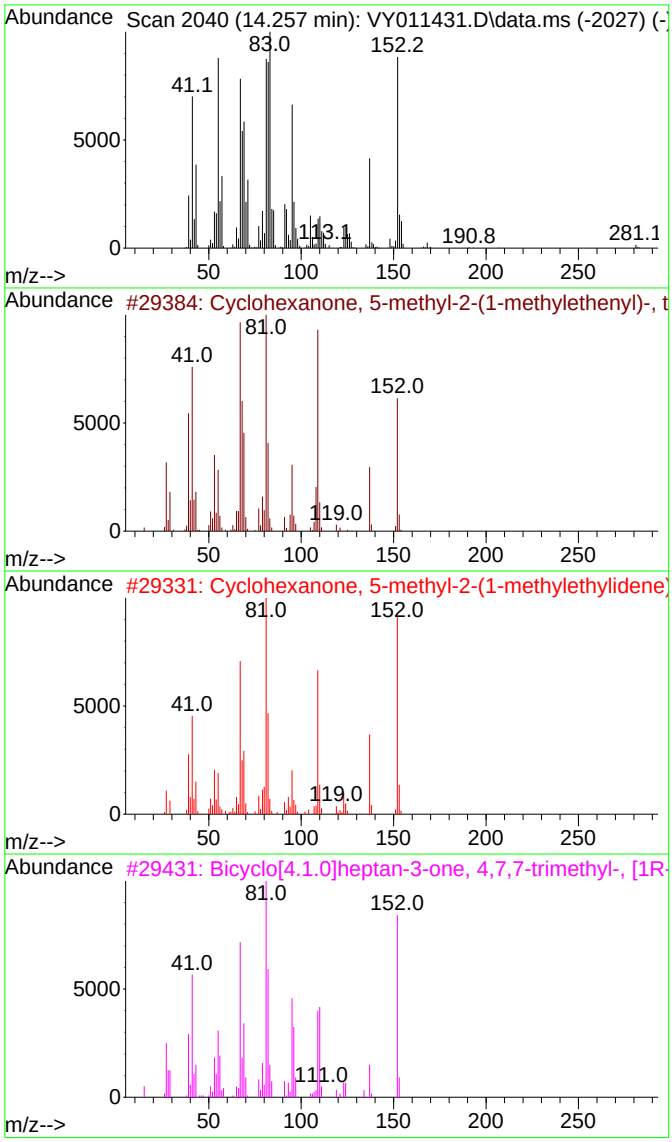
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

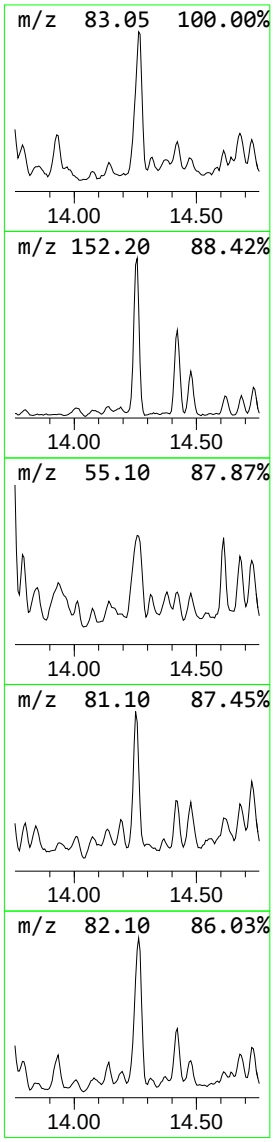
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexanone, 5-methyl-2-(... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	189.89 ug/l	2865290	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	029606-79-9	58
2	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
3	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49
4	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	46
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	46





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Quant Title : SW846 8260

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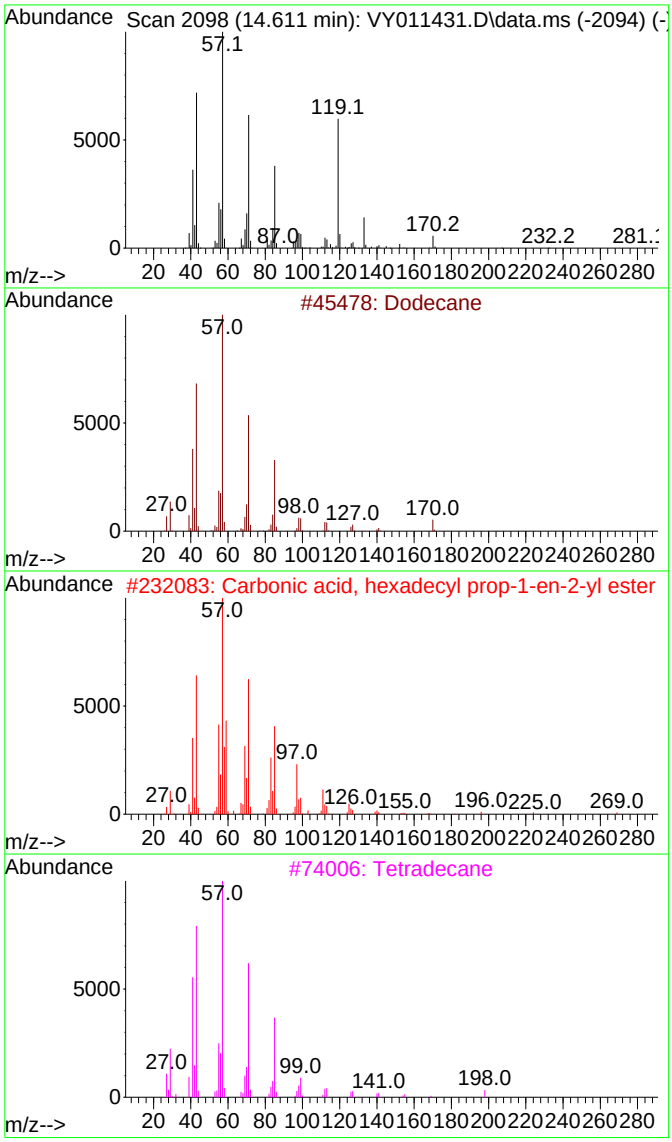
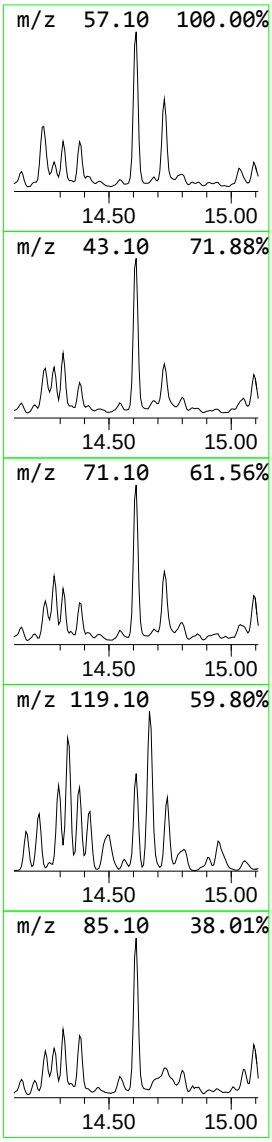
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	144.03 ug/l	2173290	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	96
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	49
3	Tetradecane	198	C14H30	000629-59-4	49
4	Hexadecane	226	C16H34	000544-76-3	49
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011431.D
Acq On : 11 Nov 2022 19:57
Operator : KP/MD
Sample : N5572-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31916

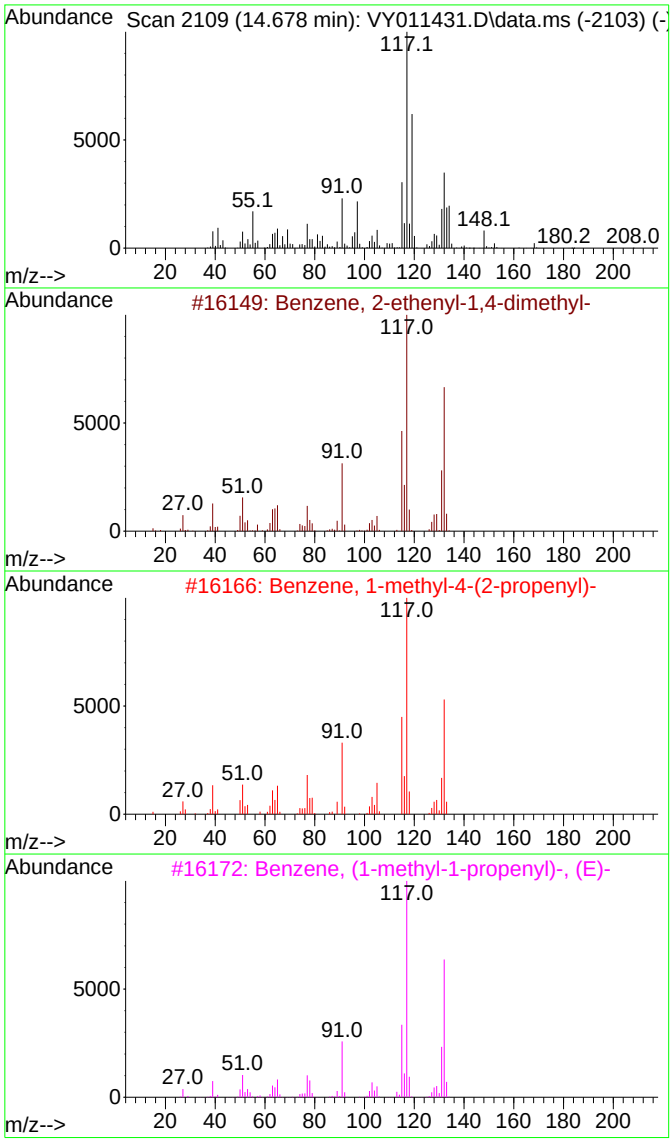
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

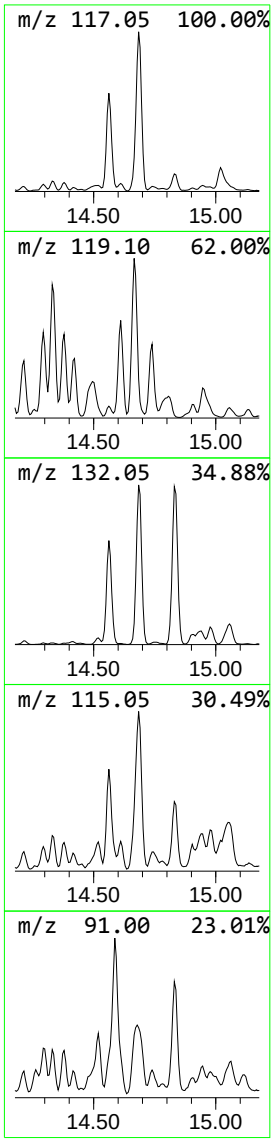
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	181.81 ug/l	2743430	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	64
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011431.D
Acq On : 11 Nov 2022 19:57
Operator : KP/MD
Sample : N5572-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31916

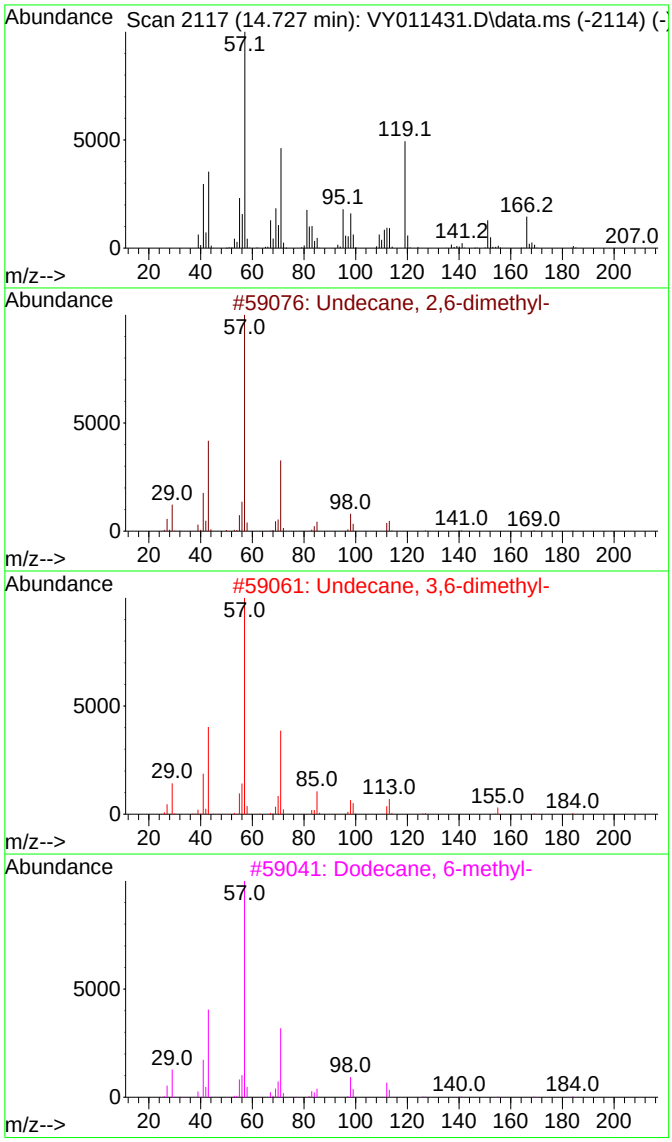
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

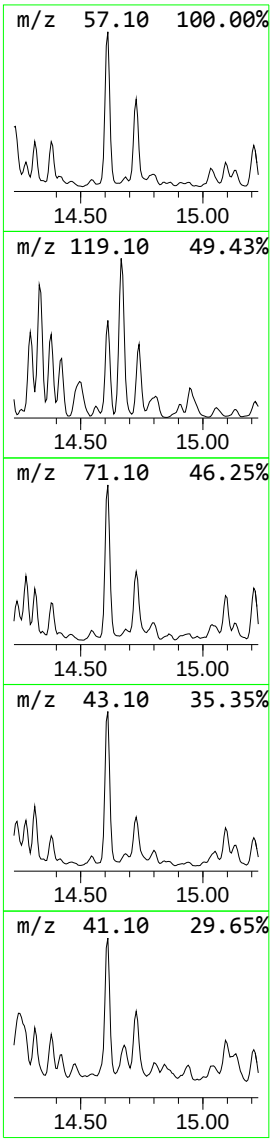
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	93.45 ug/l	1410180	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	41
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	38
4	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	35
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	35





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Data File : VY011431.D
Acq On : 11 Nov 2022 19:57
Operator : KP/MD
Sample : N5572-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31916

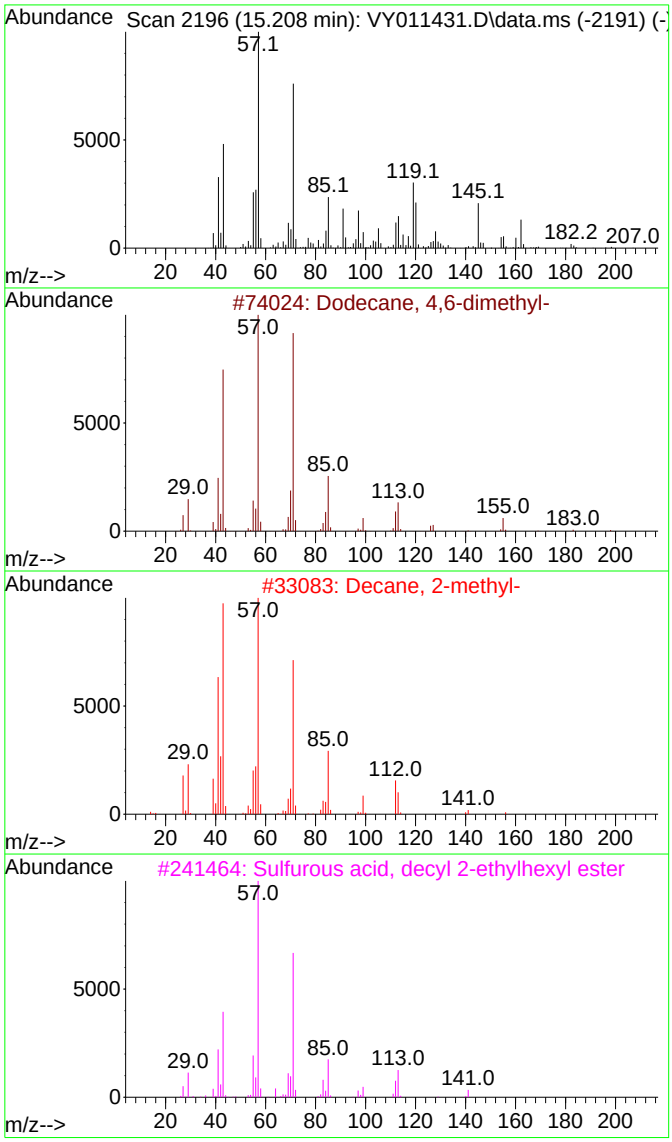
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

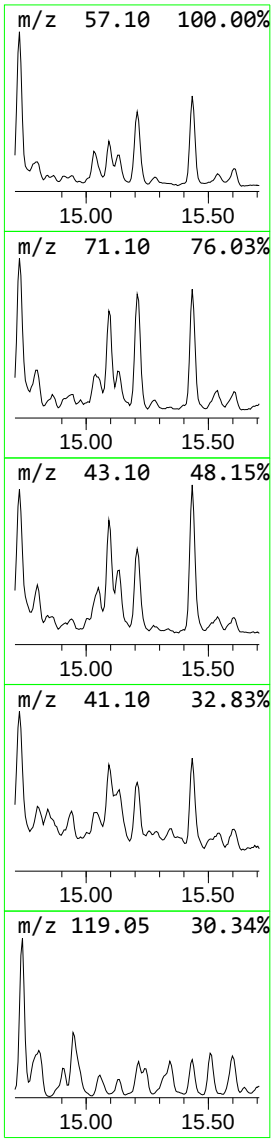
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Dodecane, 4,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	77.00 ug/l	1161950	1,4-Dichlorobenzene-d4	13.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	78
2	Decane, 2-methyl-	156	C11H24	006975-98-0	60
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52
4	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	50
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011431.D
Acq On : 11 Nov 2022 19:57
Operator : KP/MD
Sample : N5572-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
31916

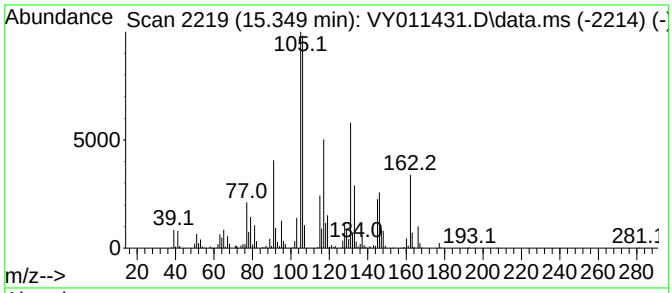
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260

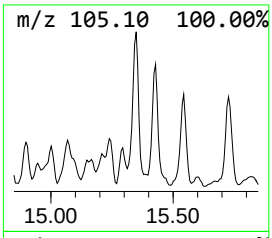
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

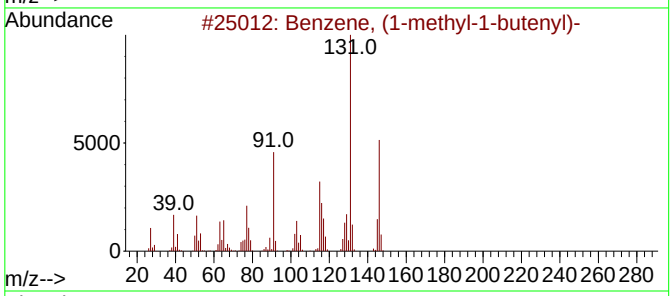
****
Peak Number 10 unknown15.349 Concentration Rank 6

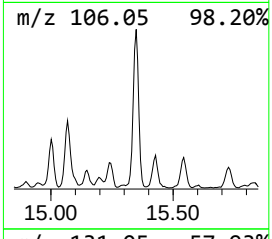
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	98.82 ug/l	1491160	1,4-Dichlorobenzene-d4	13.422

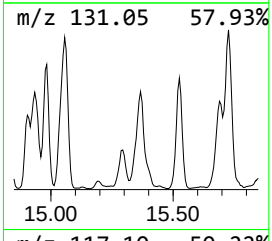
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	35
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	25
3	Propanenitrile, 3-(phenylamino)-	146	C9H10N2	001075-76-9	25
4	Benzene, (3-chloro-1-methyl-1-pr...	166	C10H11Cl	1000327-43-7	25
5	2-Butene, 3-chloro-1-phenyl-, (Z)-	166	C10H11Cl	016608-68-7	25

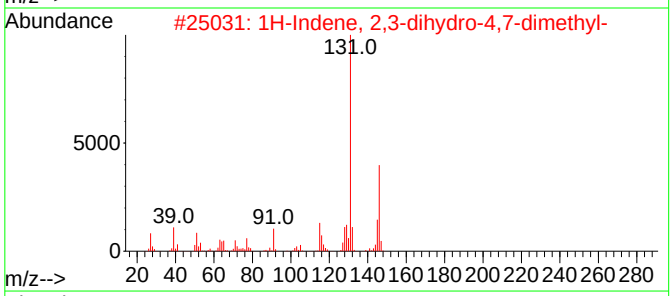


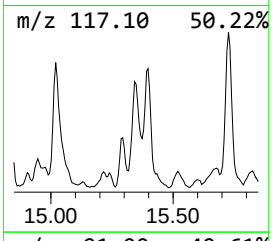


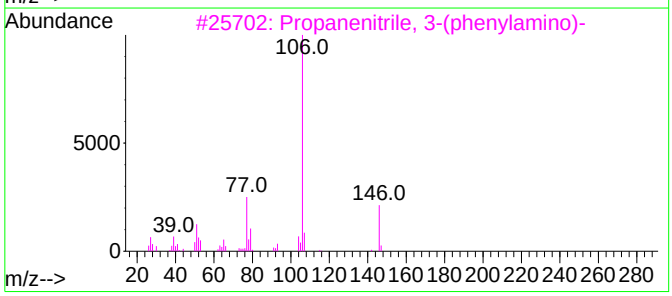


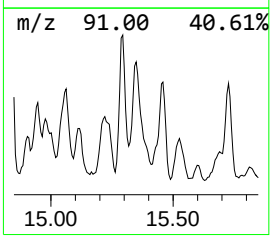












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011431.D
Acq On : 11 Nov 2022 19:57
Operator : KP/MD
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Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
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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
1-Hexanol, 2-et...	13.526	183.3	ug/l	2766300	4	13.422	754476	50.0
Undecane	13.751	219.4	ug/l	3311100	4	13.422	754476	50.0
Benzene, 1-ethy...	13.971	77.9	ug/l	1175510	4	13.422	754476	50.0
3-Phenylbut-1-ene	14.081	95.8	ug/l	1446330	4	13.422	754476	50.0
Cyclohexanone, ...	14.257	189.9	ug/l	2865290	4	13.422	754476	50.0
Dodecane	14.611	144.0	ug/l	2173290	4	13.422	754476	50.0
Benzene, 2-ethe...	14.678	181.8	ug/l	2743430	4	13.422	754476	50.0
Undecane, 2,6-d...	14.727	93.5	ug/l	1410180	4	13.422	754476	50.0
Dodecane, 4,6-d...	15.208	77.0	ug/l	1161950	4	13.422	754476	50.0
unknown15.349	15.349	98.8	ug/l	1491160	4	13.422	754476	50.0