

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016937.D
 Acq On : 08 Jan 2024 16:50
 Operator : SY/MD
 Sample : P1055-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPILL-DEBRIS-COMP

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\82Y010224S.M

Title : SW846 8260

Signal : TIC: VY016937.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.875	5	9	16	rVB3	5897	8778	1.49%	0.190%
2	2.235	63	68	69	rBV3	5420	8524	1.44%	0.185%
3	2.253	69	71	80	rVB	6769	11192	1.90%	0.242%
4	3.966	343	352	361	rBV	4856	13188	2.23%	0.286%
5	4.229	385	395	401	rBV3	2181	6691	1.13%	0.145%
6	4.741	467	479	493	rBV2	12494	40584	6.88%	0.879%
7	5.777	638	649	657	rVB3	3084	9385	1.59%	0.203%
8	7.002	839	850	866	rBV2	9357	36724	6.22%	0.795%
9	7.734	959	970	975	rBV2	75212	177349	30.05%	3.841%
10	7.807	975	982	992	rVB	148194	340753	57.74%	7.379%
11	8.155	1027	1039	1052	rBV2	80186	213554	36.19%	4.625%
12	8.563	1098	1106	1117	rVB3	5283	12135	2.06%	0.263%
13	8.703	1120	1129	1138	rVV	272656	532215	90.18%	11.525%
14	8.789	1138	1143	1153	rVB4	4286	10377	1.76%	0.225%
15	10.191	1366	1373	1379	rBV	318283	560765	95.02%	12.144%
16	10.252	1379	1383	1396	rVB	53852	105578	17.89%	2.286%
17	10.380	1396	1404	1409	rBV5	5288	11021	1.87%	0.239%
18	10.441	1409	1414	1425	rVB4	3513	7705	1.31%	0.167%
19	10.612	1428	1442	1454	rBV2	31985	103859	17.60%	2.249%
20	10.953	1493	1498	1508	rBV3	8244	16524	2.80%	0.358%
21	11.331	1554	1560	1565	rVB	11571	19737	3.34%	0.427%
22	11.502	1581	1588	1600	rBV	357664	590146	100.00%	12.780%
23	11.599	1600	1604	1611	rVB2	4184	6192	1.05%	0.134%
24	11.709	1616	1622	1629	rBV2	16164	30000	5.08%	0.650%
25	12.038	1667	1676	1685	rVB2	8221	14554	2.47%	0.315%
26	12.495	1742	1751	1759	rBV3	193544	341901	57.93%	7.404%
27	12.636	1770	1774	1786	rVB5	7517	22920	3.88%	0.496%
28	12.745	1787	1792	1795	rBV2	6286	10821	1.83%	0.234%
29	12.818	1800	1804	1812	rVB7	8764	21600	3.66%	0.468%
30	13.050	1838	1842	1844	rVV2	5983	9042	1.53%	0.196%
31	13.081	1844	1847	1851	rVV	10156	13905	2.36%	0.301%
32	13.129	1851	1855	1859	rVB	6040	8027	1.36%	0.174%
33	13.190	1859	1865	1869	rBV3	13304	20929	3.55%	0.453%
34	13.294	1874	1882	1886	rBV3	17790	33128	5.61%	0.717%
35	13.349	1886	1891	1892	rBV4	7925	11621	1.97%	0.252%
36	13.434	1898	1905	1911	rBV	210931	327837	55.55%	7.099%

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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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	13.538	1911	1922	1934	rVV	192854	346116	58.65%	7.495%
38	13.702	1944	1949	1952	rBV4	8265	15568	2.64%	0.337%
39	13.763	1953	1959	1963	rVV	129921	190060	32.21%	4.116%
40	13.800	1963	1965	1970	rVB2	15976	19357	3.28%	0.419%
41	13.861	1970	1975	1980	rVB8	10189	17774	3.01%	0.385%
42	13.928	1983	1986	1987	rBV3	6363	7048	1.19%	0.153%
43	14.026	1999	2002	2007	rVB	14610	21992	3.73%	0.476%
44	14.087	2007	2012	2018	rVV6	7554	16911	2.87%	0.366%
45	14.154	2018	2023	2028	rVV4	10944	24902	4.22%	0.539%
46	14.208	2028	2032	2034	rVV4	7929	13526	2.29%	0.293%
47	14.263	2035	2041	2048	rVV9	26337	71943	12.19%	1.558%
48	14.324	2048	2051	2057	rVV5	9330	18746	3.18%	0.406%
49	14.391	2059	2062	2065	rVV5	8007	13186	2.23%	0.286%
50	14.428	2065	2068	2073	rVV4	10962	17730	3.00%	0.384%
51	14.489	2075	2078	2084	rVB5	6187	8828	1.50%	0.191%
52	14.586	2090	2094	2097	rBV6	6909	12925	2.19%	0.280%
53	14.623	2097	2100	2106	rVV	18600	25934	4.39%	0.562%
54	14.690	2107	2111	2116	rVV5	9018	17693	3.00%	0.383%
55	14.739	2116	2119	2126	rVB5	8666	15575	2.64%	0.337%
56	14.946	2150	2153	2160	rVB6	3003	6482	1.10%	0.140%
57	15.062	2166	2172	2177	rBV9	3502	7394	1.25%	0.160%
58	15.324	2210	2215	2221	rBV	6873	12040	2.04%	0.261%
59	15.446	2231	2235	2244	rVB5	3338	6776	1.15%	0.147%

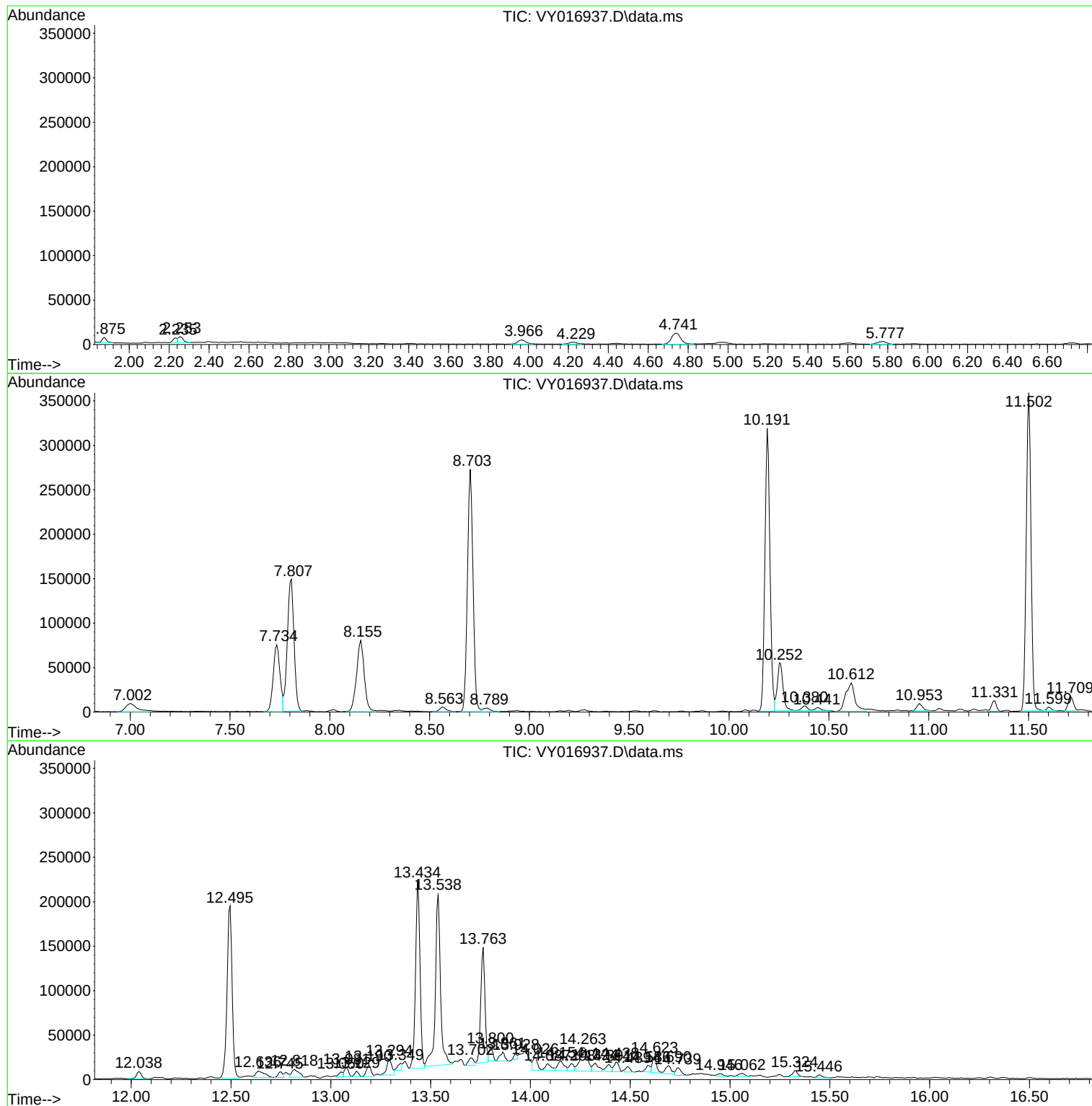
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Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
SPILL-DEBRIS-COMP

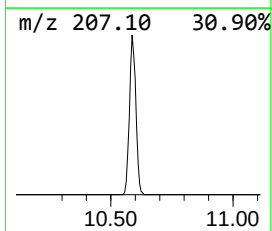
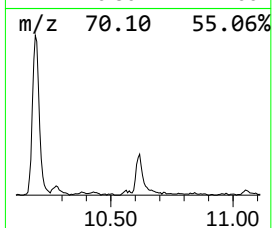
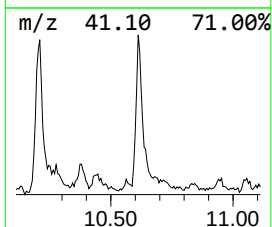
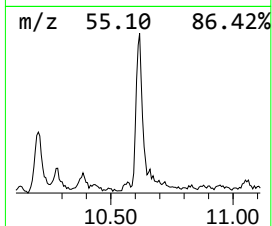
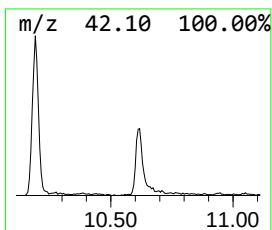
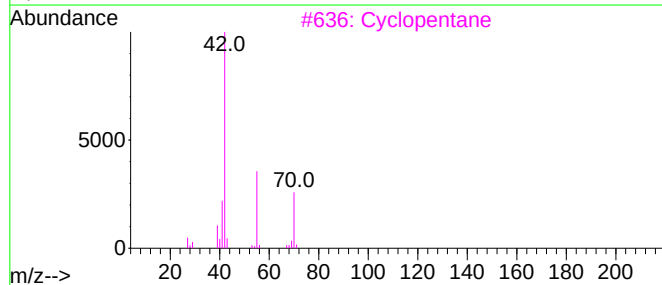
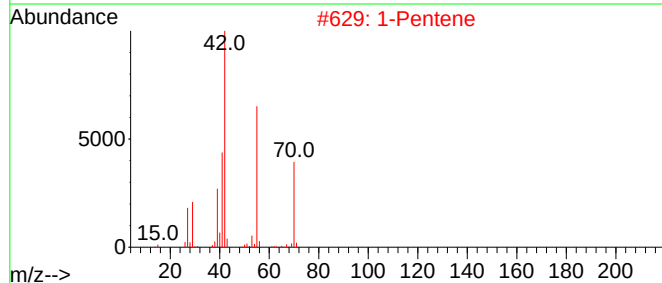
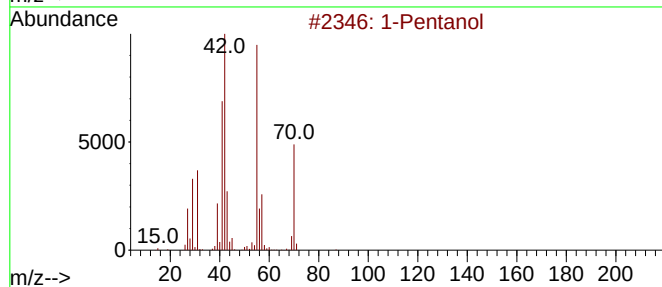
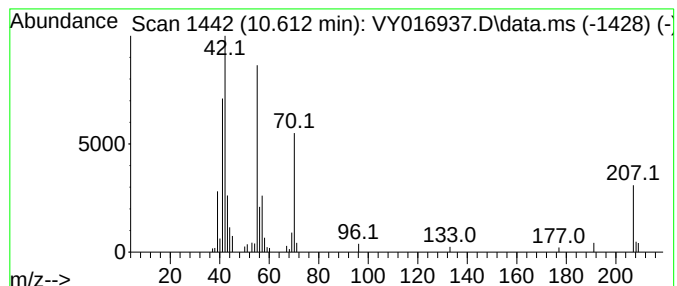
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

Peak Number 3 1-Pentanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.612	8.80 ug/l	103859	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentanol	88	C5H12O	000071-41-0	72
2			1-Pentene	70	C5H10	000109-67-1	58
3			Cyclopentane	70	C5H10	000287-92-3	58
4			Formic acid, pentyl ester	116	C6H12O2	000638-49-3	53
5			1-Butanol, 3-methyl-	88	C5H12O	000123-51-3	50



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SPILL-DEBRIS-COMP

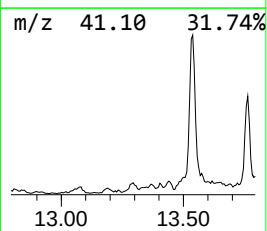
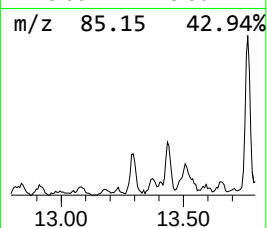
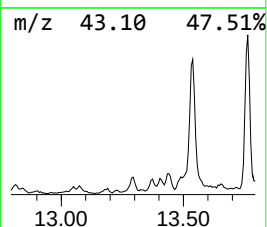
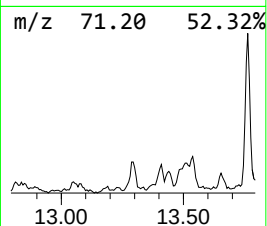
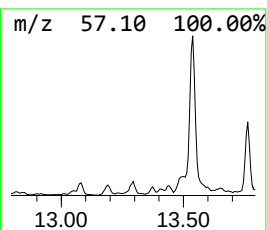
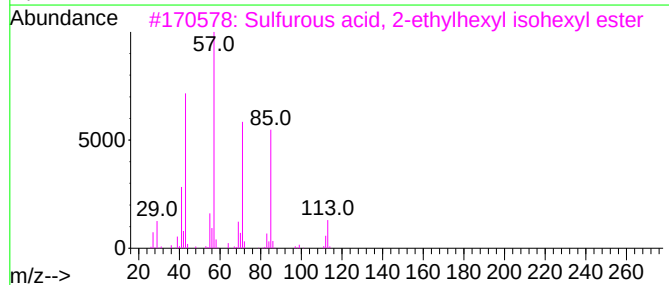
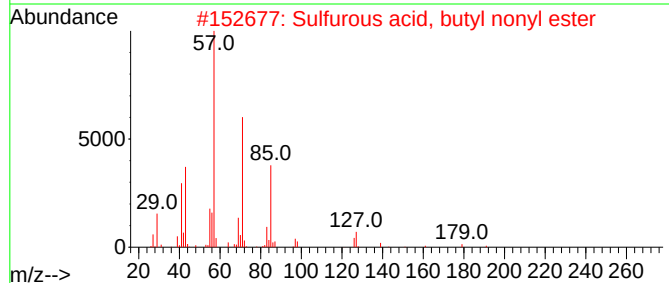
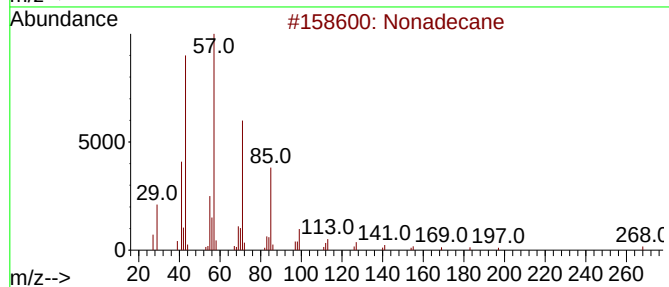
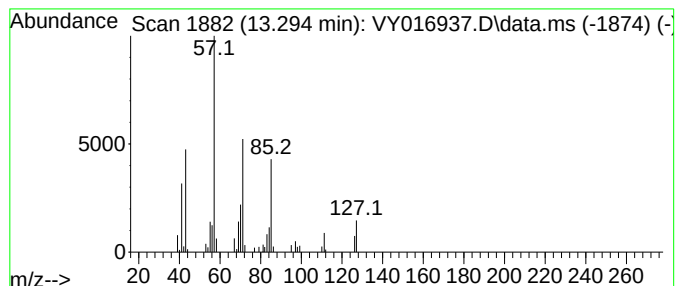
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

Peak Number 4 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.294	5.05 ug/l	33128	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	64
2			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	53
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	50
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	50



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ALS Vial : 14 Sample Multiplier: 1

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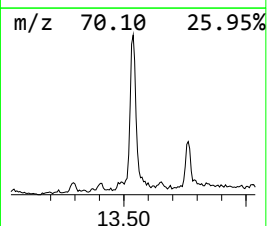
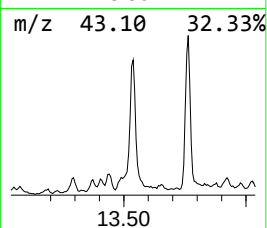
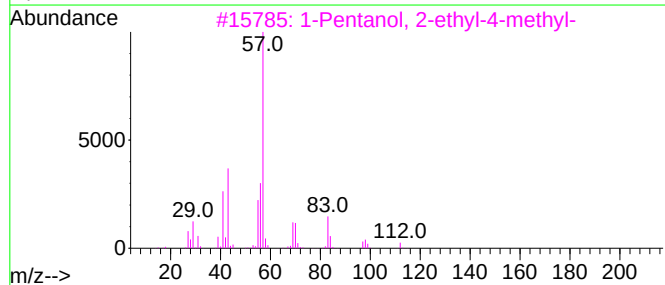
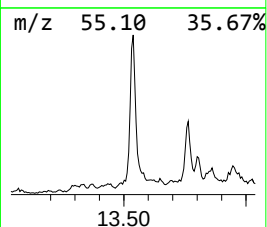
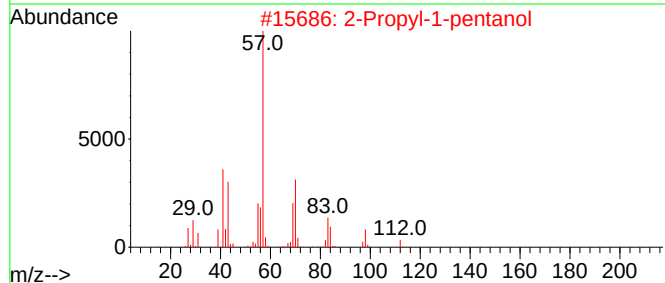
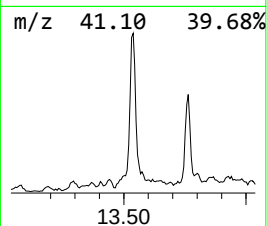
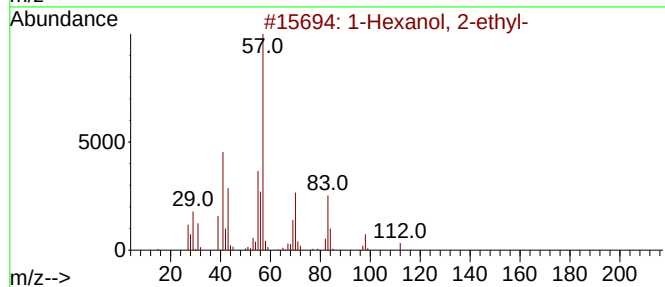
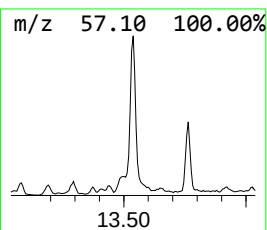
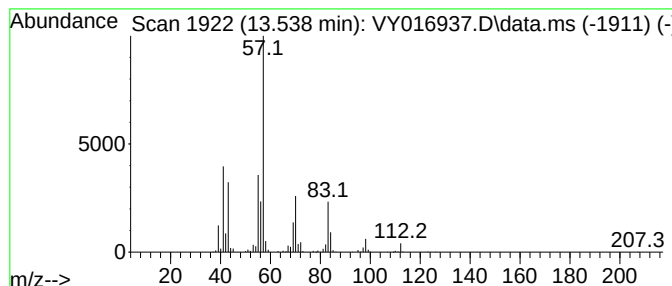
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.538	52.79 ug/l	346116	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
4			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	43
5			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	43



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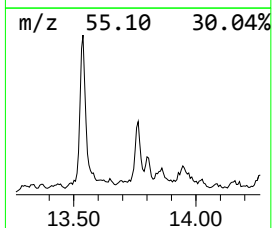
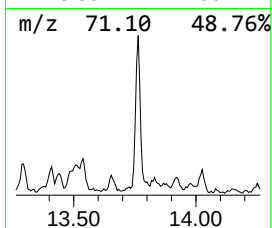
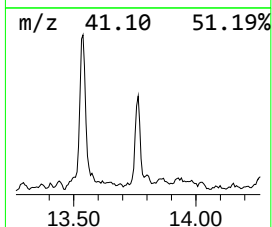
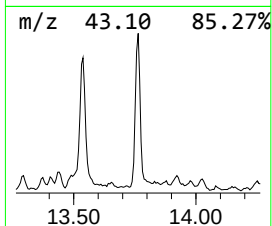
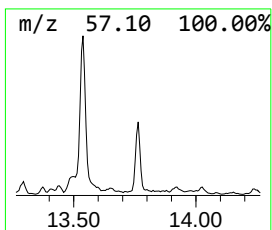
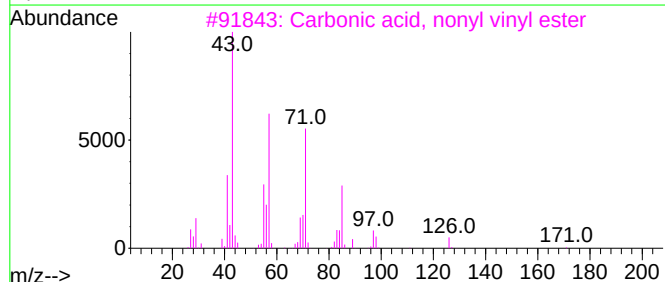
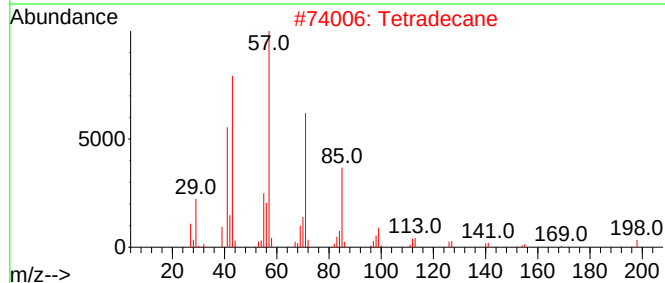
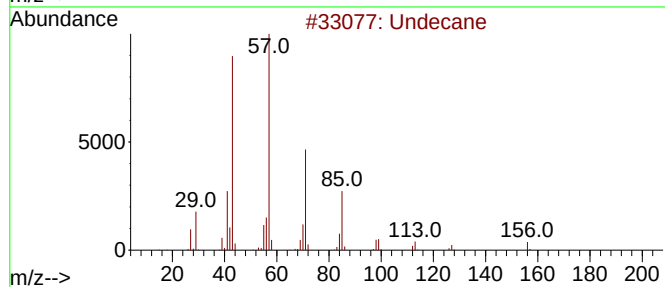
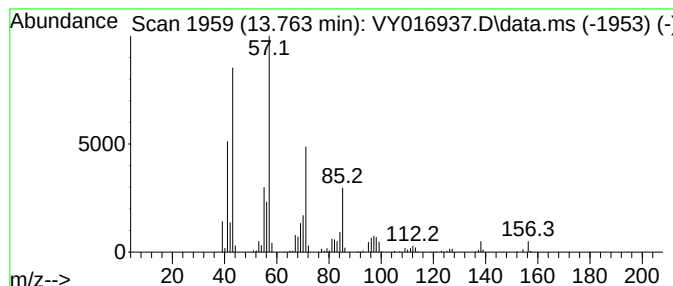
Instrument :
MSVOA_Y
ClientSampleId :
SPILL-DEBRIS-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

Peak Number 6 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.763	28.99 ug/l	190060	1,4-Dichlorobenzene-d4	13.434	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	87
2	Tetradecane	198	C14H30	000629-59-4	80
3	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	64



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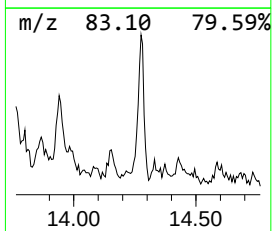
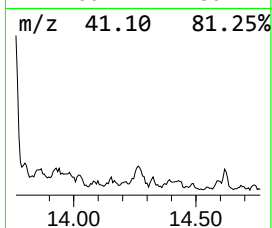
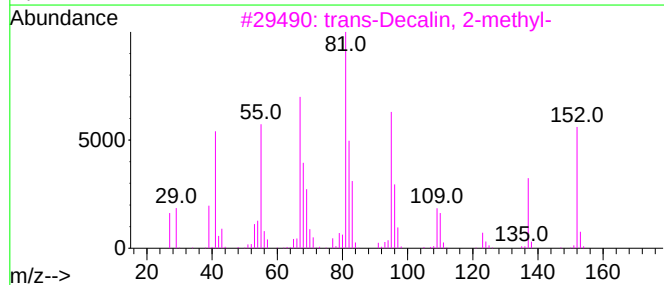
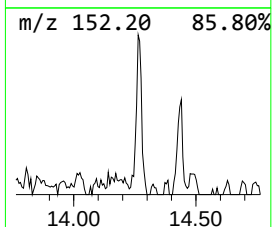
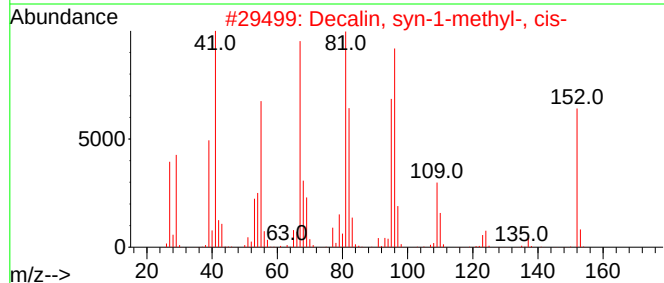
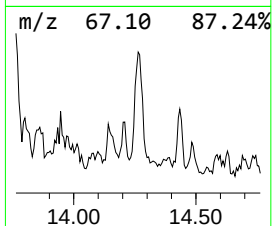
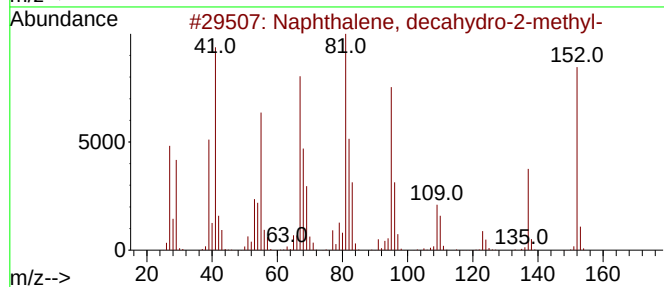
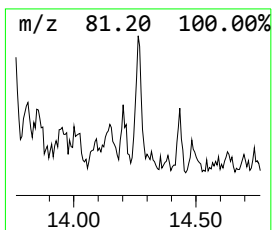
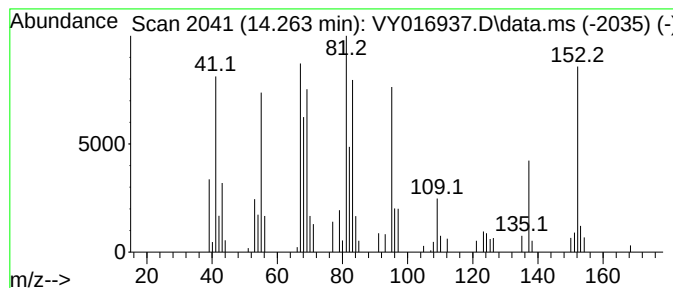
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	10.97 ug/l	71943	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	78
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	62
4			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	55
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
Data File : VY016937.D
Acq On : 08 Jan 2024 16:50
Operator : SY/MD
Sample : P1055-07
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SPILL-DEBRIS-COMP

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Pentanol	10.612	8.8	ug/l	103859	3	11.502	590146	50.0
Nonadecane	13.294	5.0	ug/l	33128	4	13.434	327837	50.0
1-Hexanol, 2-et...	13.538	52.8	ug/l	346116	4	13.434	327837	50.0
Undecane	13.763	29.0	ug/l	190060	4	13.434	327837	50.0
Naphthalene, de...	14.263	11.0	ug/l	71943	4	13.434	327837	50.0