

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012156.D
 Acq On : 11 Jan 2023 12:28
 Operator : KP/MD
 Sample : 01061-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-4

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\82Y010623S.M

Title : SW846 8260

Signal : TIC: VY012156.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.997	345	357	361	rBV	13037	41086	1.97%	0.216%
2	4.716	463	475	486	rBV2	12224	40062	1.92%	0.210%
3	7.008	840	851	871	rBV3	14829	62007	2.97%	0.325%
4	7.502	924	932	943	rBV	47480	118776	5.69%	0.623%
5	7.722	958	968	974	rBV	37892	91888	4.40%	0.482%
6	7.789	974	979	988	rVB2	22587	53420	2.56%	0.280%
7	8.142	1027	1037	1051	rBV	53128	123256	5.90%	0.647%
8	8.691	1119	1127	1136	rBV	55437	108833	5.21%	0.571%
9	10.179	1364	1371	1377	rBV	106211	184588	8.84%	0.969%
10	10.246	1377	1382	1388	rVB	63968	104686	5.01%	0.549%
11	10.947	1491	1497	1505	rBV	26467	46288	2.22%	0.243%
12	11.489	1577	1586	1593	rBV	154087	254617	12.19%	1.336%
13	11.593	1598	1603	1611	rVB	28277	47763	2.29%	0.251%
14	11.703	1611	1621	1631	rBV	110312	232692	11.14%	1.221%
15	12.032	1663	1675	1683	rBV	80306	148311	7.10%	0.778%
16	12.239	1705	1709	1714	rVB4	12503	22642	1.08%	0.119%
17	12.337	1719	1725	1730	rBV	32649	58601	2.81%	0.308%
18	12.483	1744	1749	1754	rBV	158500	238924	11.44%	1.254%
19	12.733	1785	1790	1794	rBV	52031	87459	4.19%	0.459%
20	12.806	1798	1802	1809	rVV2	145822	231282	11.07%	1.214%
21	12.898	1813	1817	1822	rVB3	25810	48954	2.34%	0.257%
22	12.971	1822	1829	1837	rBV	29870	66639	3.19%	0.350%
23	13.044	1837	1841	1847	rVB2	33344	49268	2.36%	0.259%
24	13.117	1847	1853	1859	rBV	139620	226204	10.83%	1.187%
25	13.233	1868	1872	1879	rVB6	34789	68430	3.28%	0.359%
26	13.343	1880	1890	1898	rBV2	1281961	2088585	100.00%	10.960%
27	13.428	1898	1904	1908	rBV	223749	357608	17.12%	1.877%
28	13.526	1913	1920	1926	rBV	152426	243838	11.67%	1.280%
29	13.593	1926	1931	1933	rBV	43226	61646	2.95%	0.324%
30	13.623	1933	1936	1940	rVB2	53200	67349	3.22%	0.353%
31	13.666	1940	1943	1947	rBV2	40979	61046	2.92%	0.320%
32	13.751	1952	1957	1963	rBV2	218287	339363	16.25%	1.781%
33	13.879	1973	1978	1981	rBV2	100837	160237	7.67%	0.841%
34	13.916	1981	1984	1989	rVB2	63916	92900	4.45%	0.488%
35	13.971	1989	1993	1998	rVB	65278	92157	4.41%	0.484%
36	14.025	1998	2002	2006	rVB3	24985	41303	1.98%	0.217%

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37	14.080	2006	2011	2021	rBV5	87508	239385	11.46%	1.256%
38	14.184	2022	2028	2034	rBV	321807	519438	24.87%	2.726%
39	14.288	2041	2045	2049	rBV4	91061	123133	5.90%	0.646%
40	14.391	2057	2062	2064	rBV3	147155	230397	11.03%	1.209%
41	14.428	2064	2068	2079	rVB3	540818	1285930	61.57%	6.748%
42	14.513	2079	2082	2085	rVB3	26752	25631	1.23%	0.135%
43	14.550	2085	2088	2093	rBV2	96552	153865	7.37%	0.807%
44	14.611	2094	2098	2102	rVB2	202896	304891	14.60%	1.600%
45	14.672	2102	2108	2113	rBV5	142596	314288	15.05%	1.649%
46	14.727	2113	2117	2120	rBV2	184172	271991	13.02%	1.427%
47	14.757	2120	2122	2128	rVB2	140431	181507	8.69%	0.953%
48	14.861	2129	2139	2141	rBV4	281875	700197	33.52%	3.674%
49	14.897	2141	2145	2147	rBV2	301285	423087	20.26%	2.220%
50	14.964	2152	2156	2163	rVV2	569287	1424301	68.19%	7.474%
51	15.037	2163	2168	2173	rVV2	524763	1125632	53.89%	5.907%
52	15.092	2174	2177	2182	rVV2	338198	592808	28.38%	3.111%
53	15.190	2182	2193	2196	rVV2	482577	1399998	67.03%	7.347%
54	15.263	2200	2205	2215	rVB5	556185	1513110	72.45%	7.940%
55	15.434	2229	2233	2241	rVB2	135910	235241	11.26%	1.234%
56	15.525	2244	2248	2255	rVB6	55789	119951	5.74%	0.629%
57	15.611	2255	2262	2271	rBV	278401	551625	26.41%	2.895%
58	15.726	2277	2281	2289	rVB	86384	156626	7.50%	0.822%
59	15.909	2308	2311	2316	rVB	60022	95567	4.58%	0.502%
60	15.964	2317	2320	2325	rVB2	45290	65533	3.14%	0.344%
61	16.031	2325	2331	2337	rBV4	53035	109874	5.26%	0.577%
62	16.165	2349	2353	2359	rVV	94420	164731	7.89%	0.864%
63	16.226	2359	2363	2369	rVB	47028	94713	4.53%	0.497%
64	16.293	2370	2374	2379	rVB4	29207	47996	2.30%	0.252%
65	16.360	2380	2385	2396	rVB	73877	145381	6.96%	0.763%
66	16.495	2400	2407	2412	rBV6	25051	76269	3.65%	0.400%

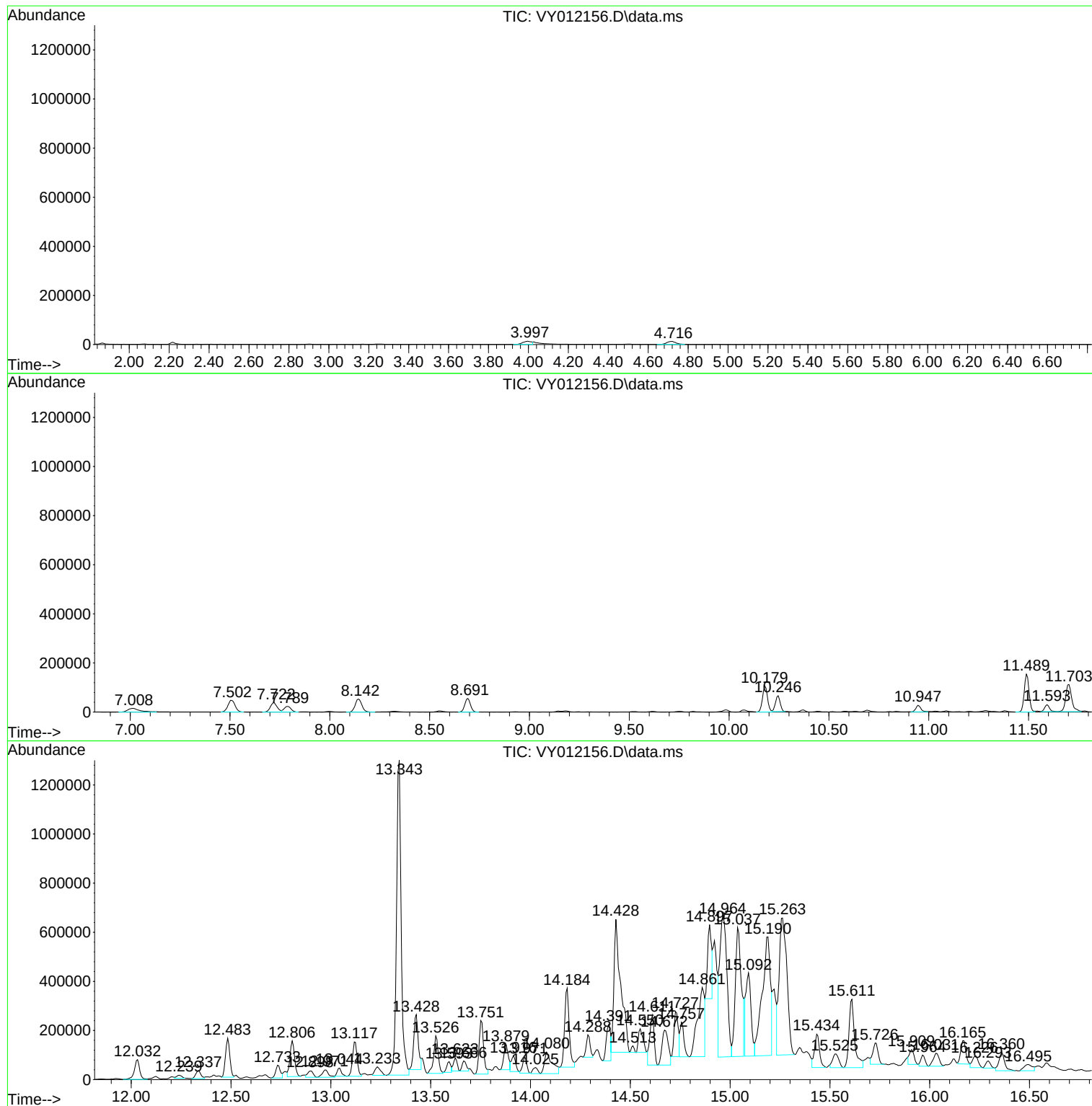
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ClientSampleId :
SLUDGE-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

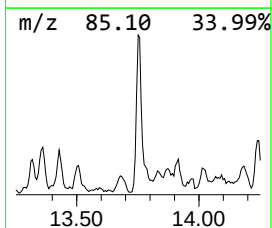
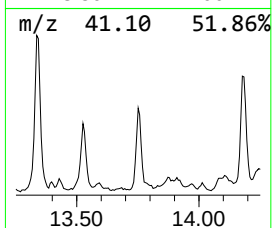
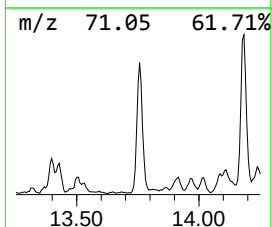
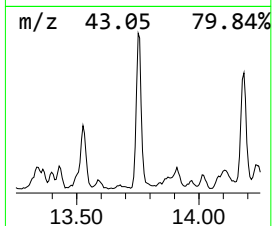
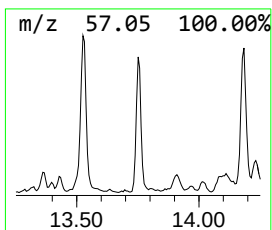
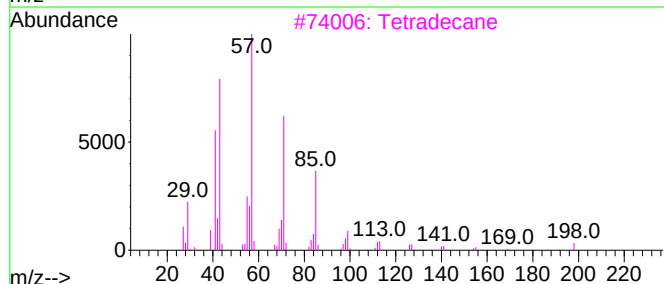
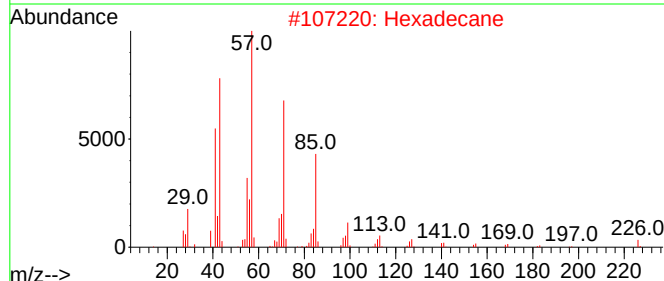
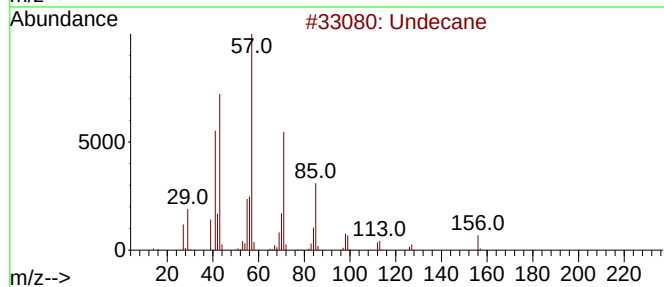
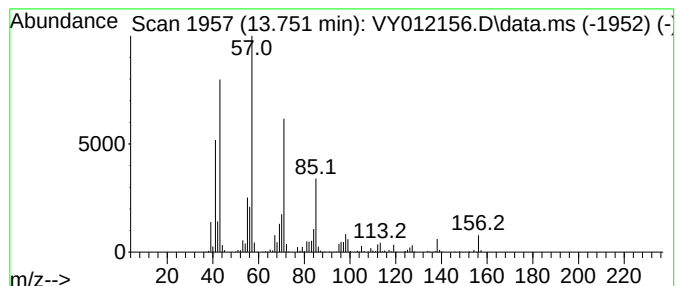
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 1 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	47.45 ug/l	339363	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	96
2	Hexadecane			226	C16H34	000544-76-3	83
3	Tetradecane			198	C14H30	000629-59-4	83
4	Tridecane			184	C13H28	000629-50-5	72
5	Heptadecane, 2,6,10,14-tetramethyl-			296	C21H44	018344-37-1	72



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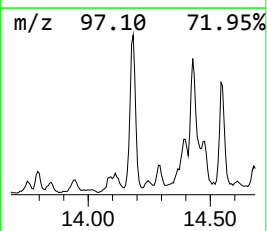
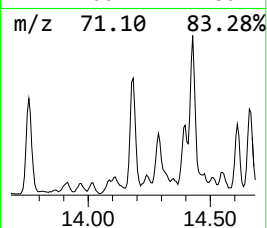
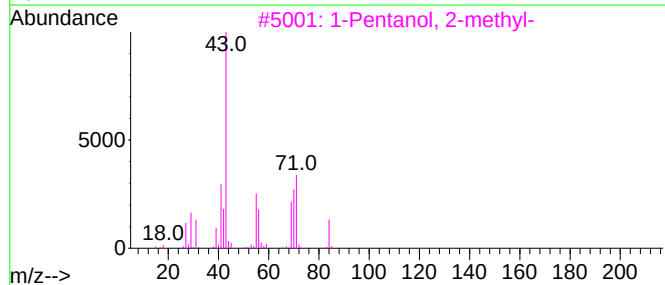
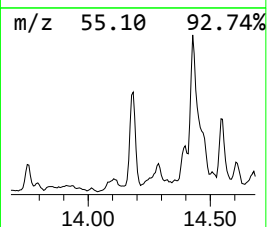
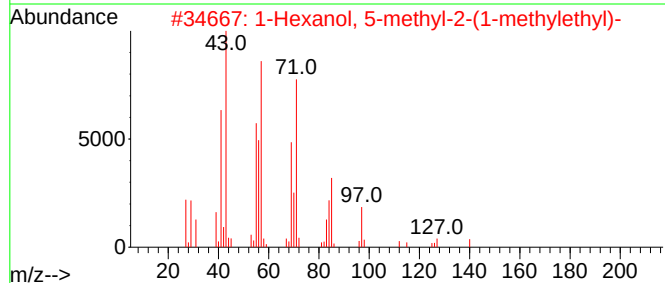
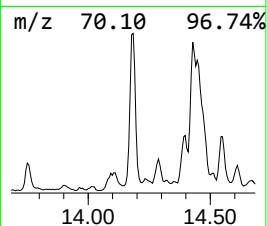
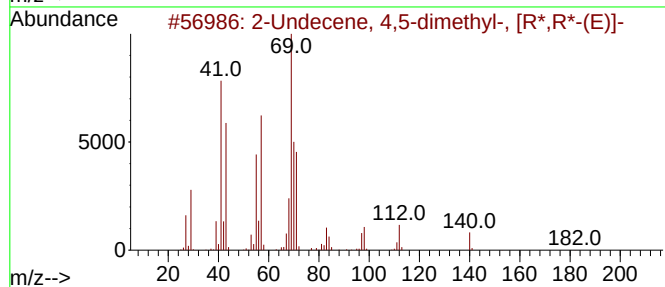
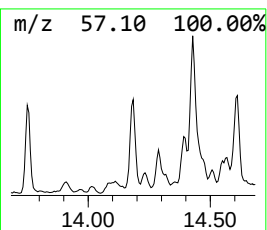
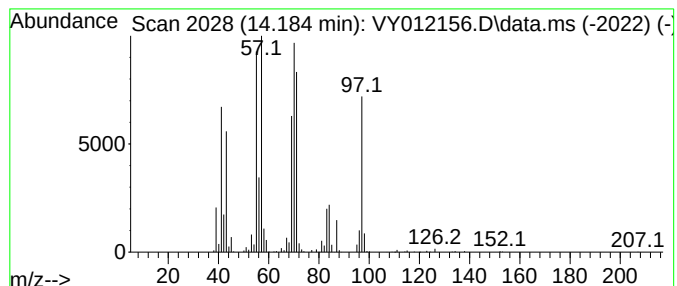
Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Undecene, 4,5-dimethyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.184	72.63 ug/l	519438	1,4-Dichlorobenzene-d4		13.428	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Undecene, 4,5-dimethyl-, [R*,R...		182	C13H26	055170-92-8	59
2	1-Hexanol, 5-methyl-2-(1-methyle...		158	C10H22O	002051-33-4	43
3	1-Pentanol, 2-methyl-		102	C6H14O	000105-30-6	38
4	1-Heptene, 5-methyl-		112	C8H16	013151-04-7	38
5	Octane, 1,1'-oxybis-		242	C16H34O	000629-82-3	38



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Instrument :
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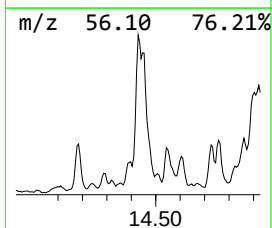
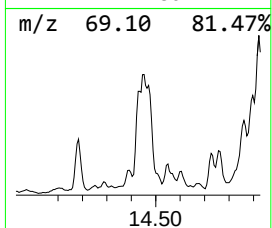
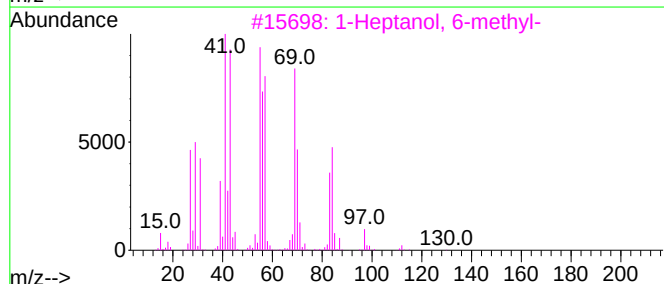
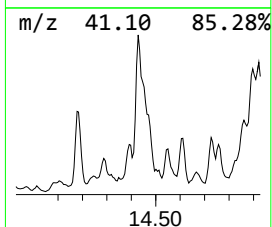
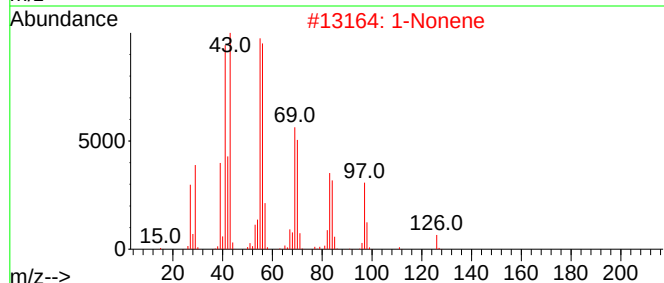
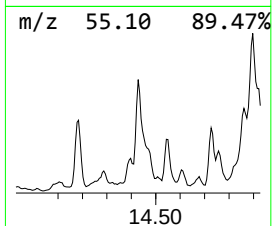
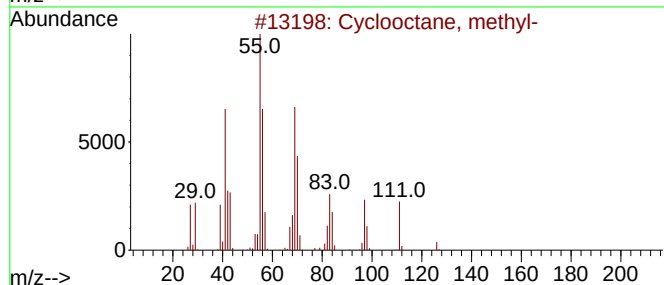
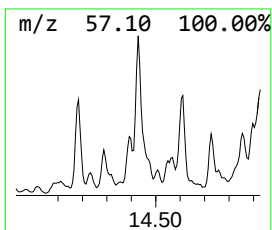
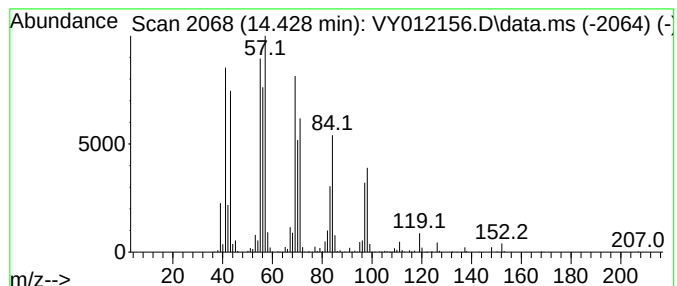
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Quant Title : SW846 8260

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

Peak Number 3 Cyclooctane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.428	179.80 ug/l	1285930	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	62
2			1-Nonene	126	C9H18	000124-11-8	55
3			1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	53
4			3-Dodecene, (Z)-	168	C12H24	007239-23-8	50
5			6-Dodecene, (E)-	168	C12H24	007206-17-9	50



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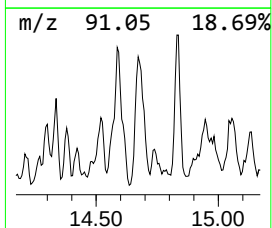
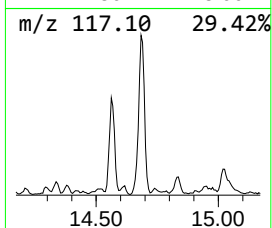
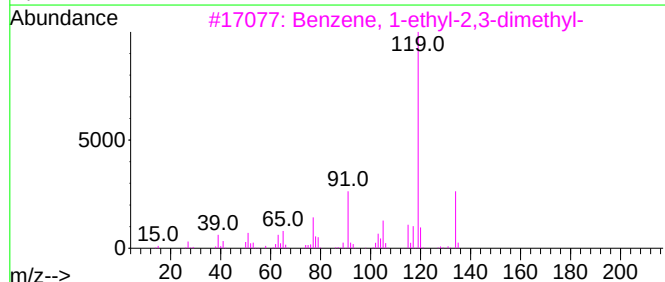
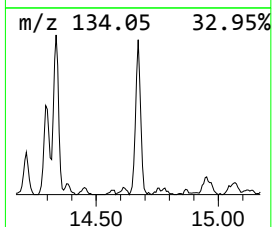
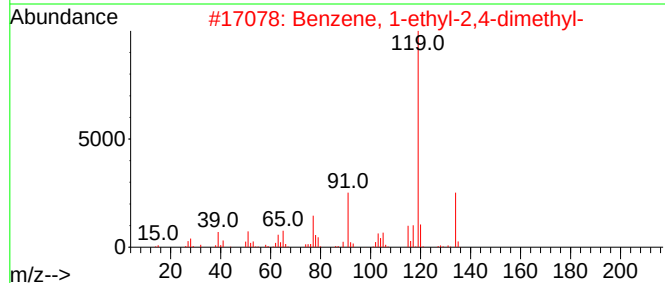
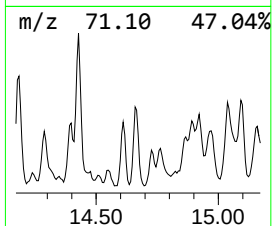
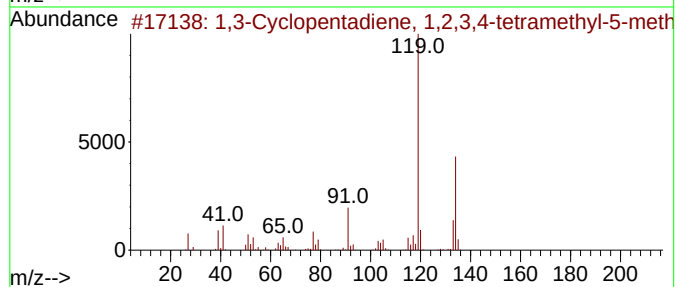
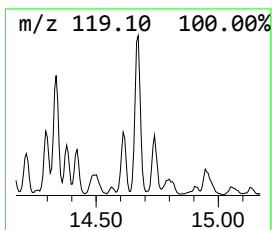
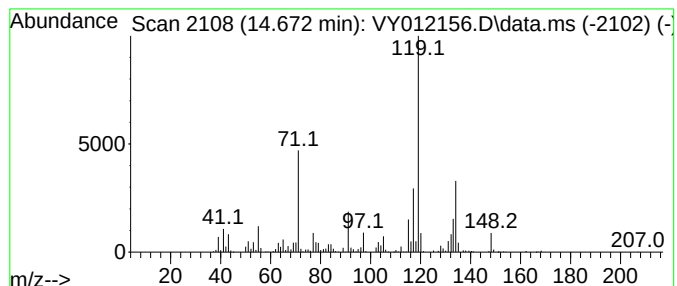
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 4 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	43.94 ug/l	314288	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	60
2			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	55
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4			o-Cymene	134	C10H14	000527-84-4	55
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

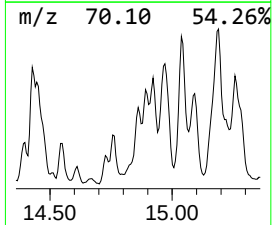
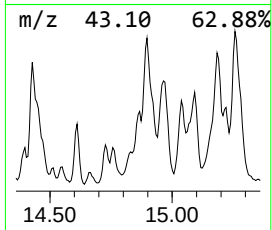
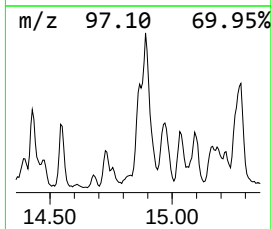
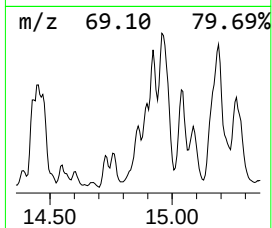
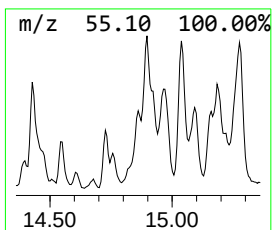
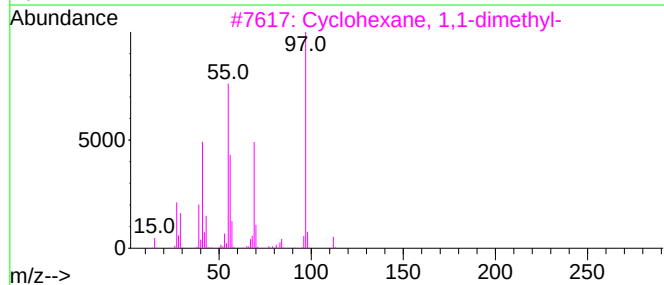
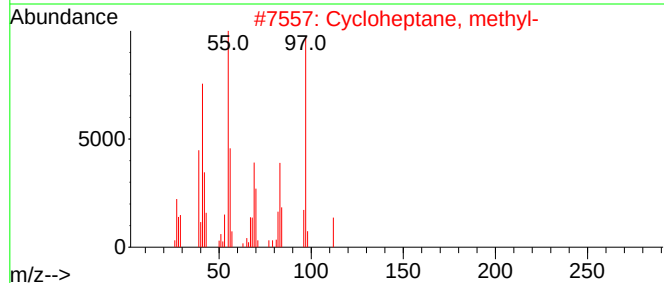
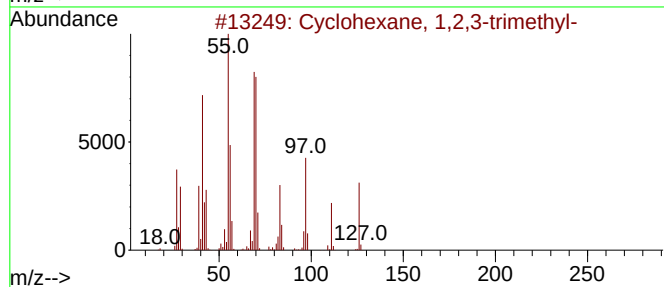
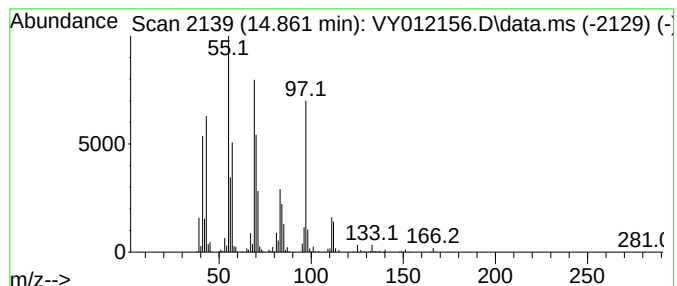
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Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	97.90 ug/l	700197	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	64
2			Cycloheptane, methyl-	112	C8H16	004126-78-7	38
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
4			4-Methyl-2-heptene	112	C8H16	003404-56-6	35
5			2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012156.D
Acq On : 11 Jan 2023 12:28
Operator : KP/MD
Sample : 01061-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

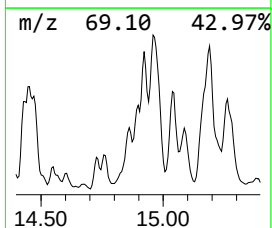
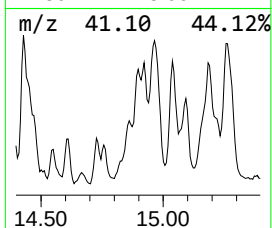
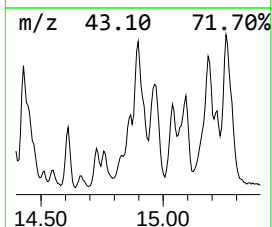
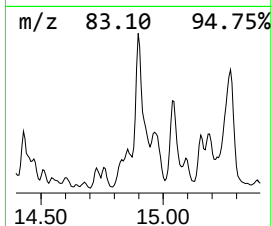
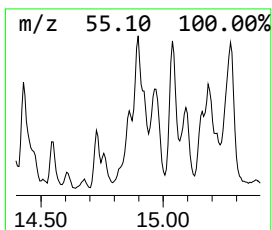
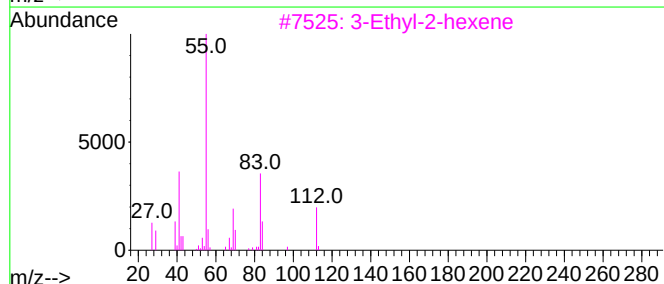
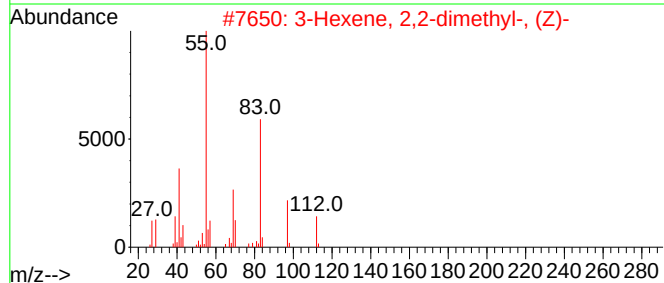
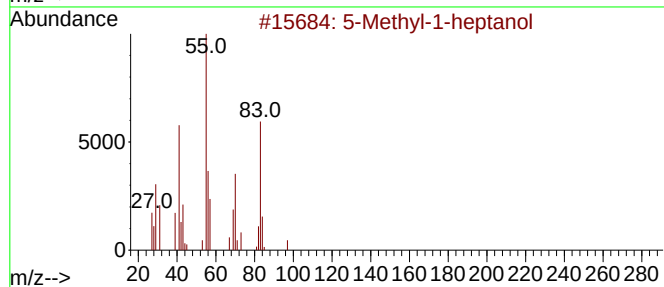
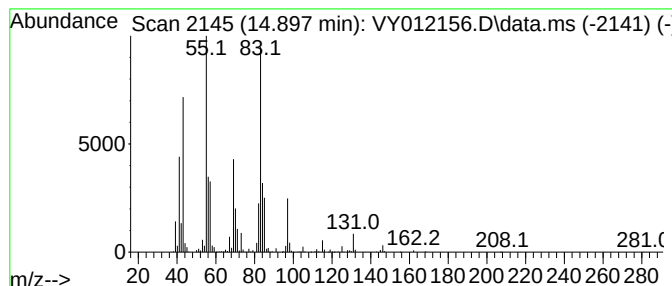
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Quant Title : SW846 8260

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

Peak Number 6 5-Methyl-1-heptanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.897	59.16 ug/l	423087	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Methyl-1-heptanol	130	C8H18O	007212-53-5	53
2			3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	50
3			3-Ethyl-2-hexene	112	C8H16	000620-00-8	50
4			Cyclohexane, methyl-	98	C7H14	000108-87-2	50
5			Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012156.D
Acq On : 11 Jan 2023 12:28
Operator : KP/MD
Sample : 01061-01
Misc : 5.01g/5.0mL/MSVOA_Y/soil
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

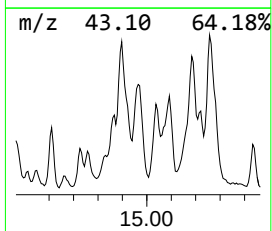
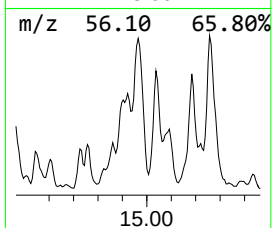
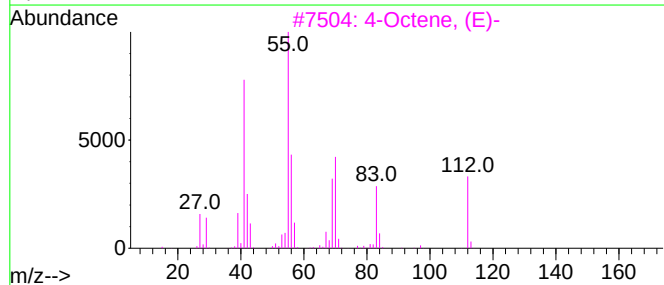
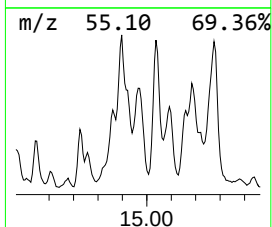
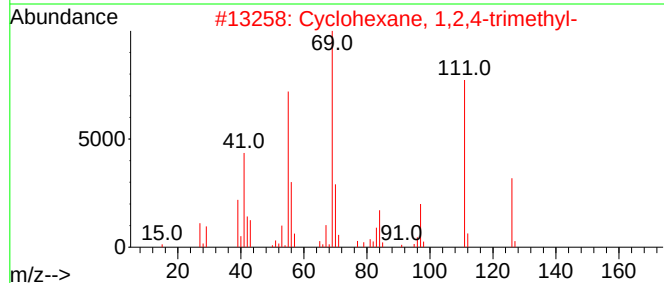
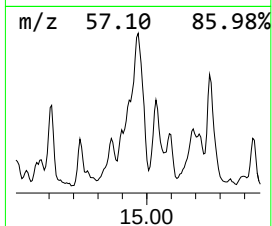
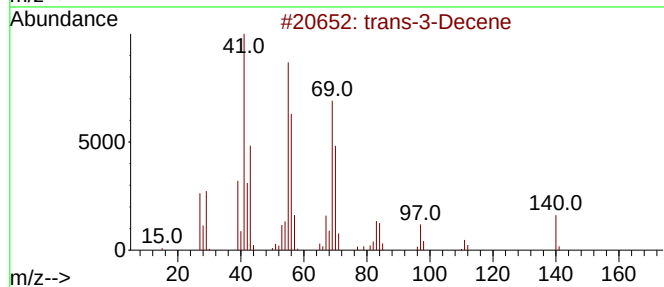
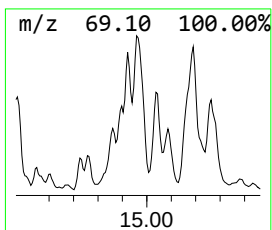
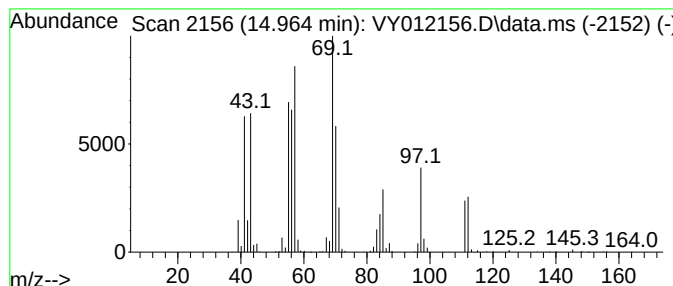
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.964 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.964	199.14 ug/l	1424300	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-3-Decene	140	C10H20	019150-21-1	47
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	38
3			4-Octene, (E)-	112	C8H16	014850-23-8	35
4			3-Heptene, 2-methyl-	112	C8H16	017618-76-7	35
5			1-Hexene-3,5-dione	112	C6H8O2	052204-69-0	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012156.D
Acq On : 11 Jan 2023 12:28
Operator : KP/MD
Sample : 01061-01
Misc : 5.01g/5.0mL/MSVOA_Y/soil
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

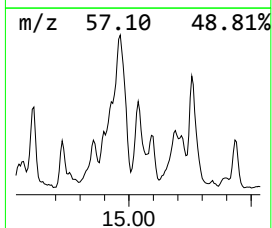
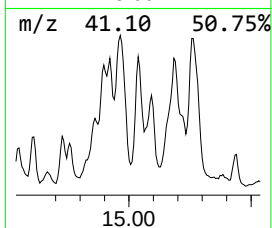
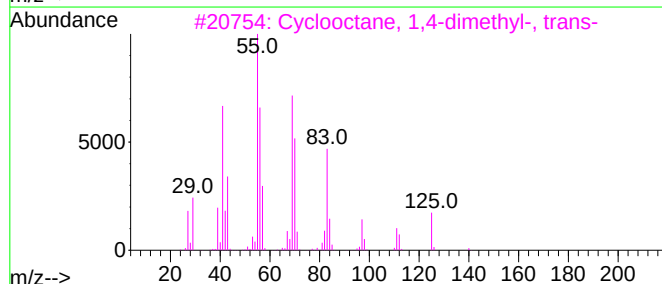
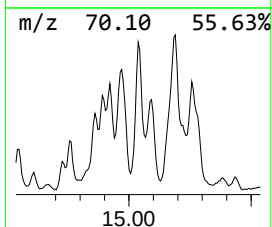
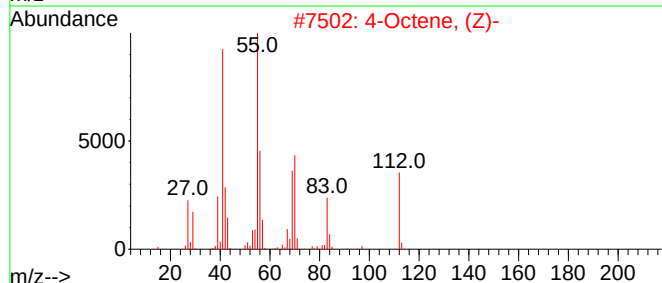
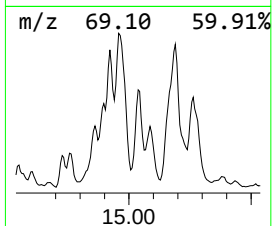
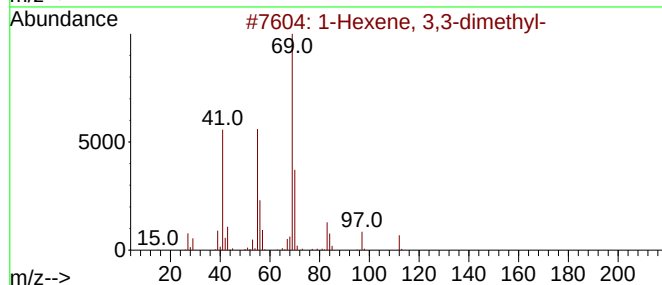
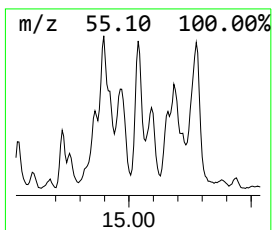
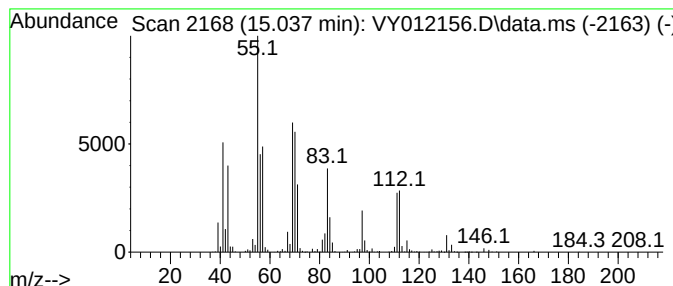
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Quant Title : SW846 8260

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

Peak Number 8 1-Hexene, 3,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.038	157.38 ug/l	1125630	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	58
2			4-Octene, (Z)-	112	C8H16	007642-15-1	58
3			Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	53
4			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	52
5			Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012156.D
Acq On : 11 Jan 2023 12:28
Operator : KP/MD
Sample : 01061-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

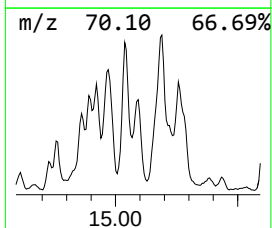
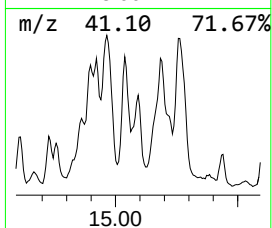
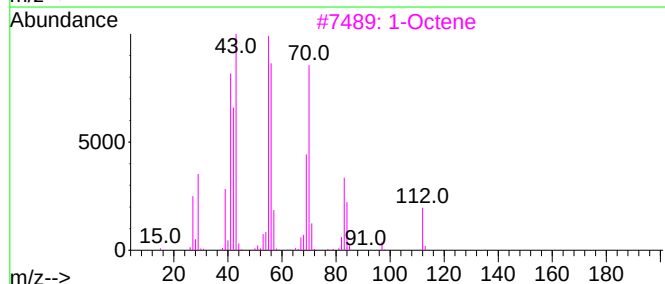
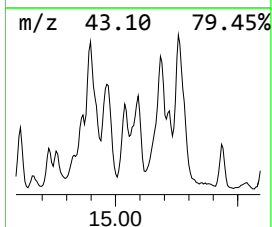
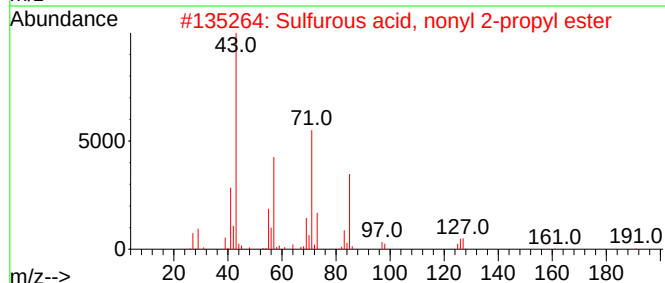
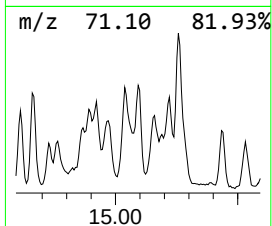
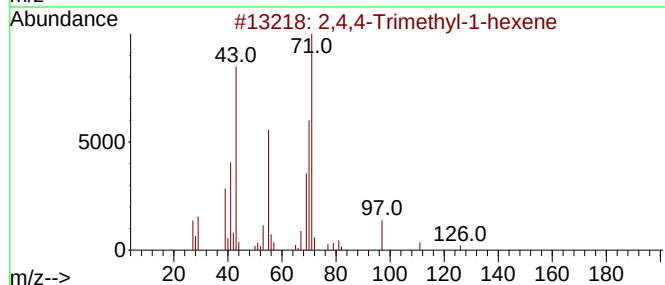
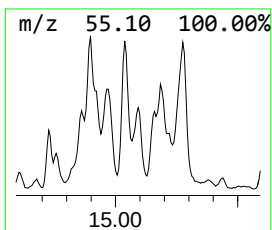
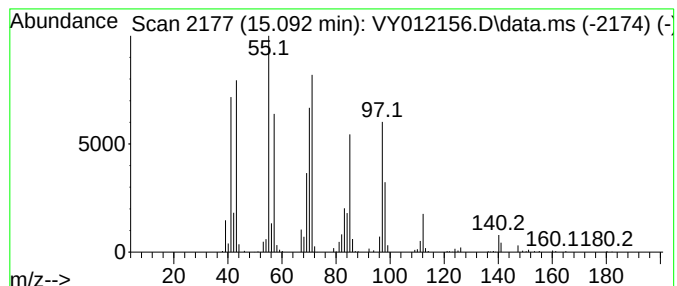
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown15.092 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	82.89 ug/l	592808	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43
2		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	38
3		1-Octene	112	C8H16	000111-66-0	30
4		1-Decene	140	C10H20	000872-05-9	25
5		2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012156.D
Acq On : 11 Jan 2023 12:28
Operator : KP/MD
Sample : 01061-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

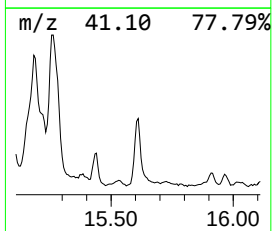
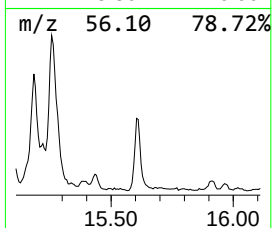
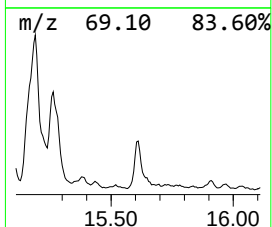
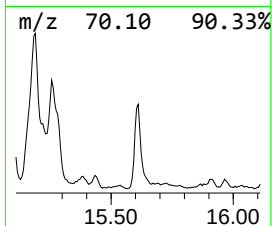
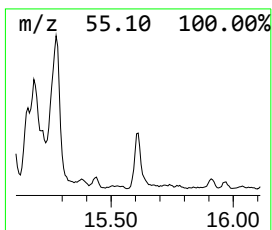
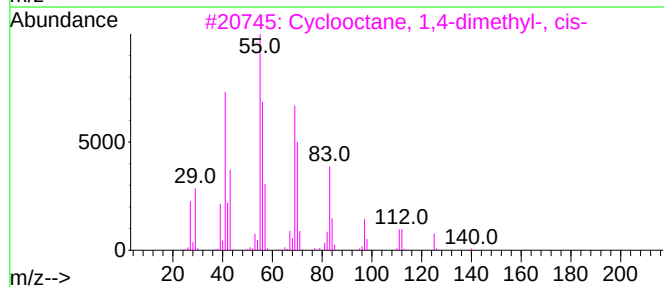
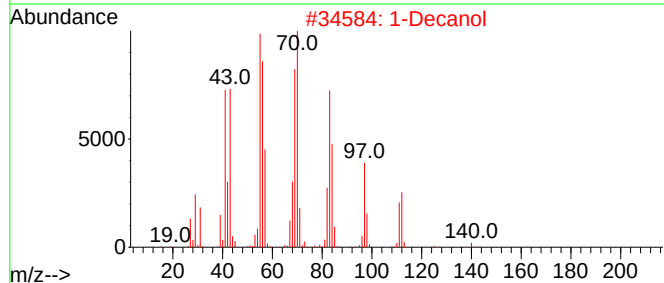
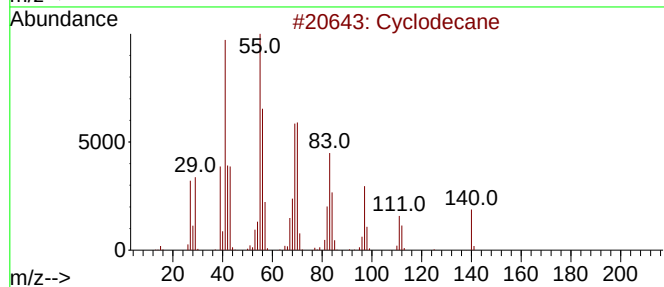
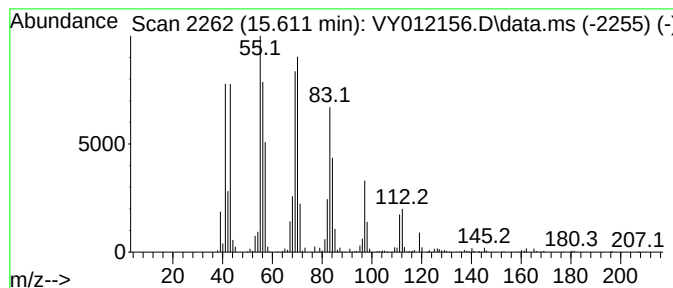
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Quant Title : SW846 8260

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

Peak Number 10 Cyclodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.611	77.13 ug/l	551625	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclodecane	140	C10H20	000293-96-9	94
2		1-Decanol	158	C10H22O	000112-30-1	91
3		Cyclooctane, 1,4-dimethyl-, cis-	140	C10H20	013151-99-0	90
4		Cyclooctane	112	C8H16	000292-64-8	87
5		3-Dodecene, (Z)-	168	C12H24	007239-23-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
Data File : VY012156.D
Acq On : 11 Jan 2023 12:28
Operator : KP/MD
Sample : 01061-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SLUDGE-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Undecene, 4,5...	14.184	72.6	ug/l	519438	4	13.428	357608	50.0
Cyclooctane, me...	14.428	179.8	ug/l	1285930	4	13.428	357608	50.0
1,3-Cyclopentad...	14.672	43.9	ug/l	314288	4	13.428	357608	50.0
Cyclohexane, 1,...	14.861	97.9	ug/l	700197	4	13.428	357608	50.0
5-Methyl-1-hept...	14.897	59.2	ug/l	423087	4	13.428	357608	50.0
unknown14.964	14.964	199.1	ug/l	1424300	4	13.428	357608	50.0
1-Hexene, 3,3-d...	15.038	157.4	ug/l	1125630	4	13.428	357608	50.0
unknown15.092	15.092	82.9	ug/l	592808	4	13.428	357608	50.0
Cyclodecane	15.611	77.1	ug/l	551625	4	13.428	357608	50.0