

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002832.D
 Acq On : 03 Jun 2020 14:56
 Operator : SY/MD
 Sample : L2504-04
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EFF-SLUDGE

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.962	355	365	372	rBV	12680	33430	2.25%	0.286%
2	4.724	478	490	507	rBV2	33819	108341	7.30%	0.926%
3	5.761	647	660	672	rVB3	6951	22244	1.50%	0.190%
4	6.998	854	863	874	rVB4	7393	20835	1.40%	0.178%
5	7.724	972	982	988	rBV	226635	542755	36.57%	4.639%
6	7.797	988	994	1004	rVB	380439	849423	57.23%	7.261%
7	8.151	1042	1052	1063	rVB	211984	463252	31.21%	3.960%
8	8.327	1072	1081	1091	rBV2	36795	93006	6.27%	0.795%
9	8.693	1132	1141	1153	rBV	569562	1113670	75.04%	9.519%
10	9.620	1286	1293	1302	rBV	16743	33418	2.25%	0.286%
11	9.748	1304	1314	1323	rBV2	40503	81823	5.51%	0.699%
12	10.114	1368	1374	1378	rBV	9940	16147	1.09%	0.138%
13	10.181	1378	1385	1394	rVB	883863	1484175	100.00%	12.686%
14	11.492	1592	1600	1602	rBV	816557	1341850	90.41%	11.470%
15	12.479	1755	1762	1769	rBV	550570	882575	59.47%	7.544%
16	12.644	1783	1789	1797	rVB9	10848	28281	1.91%	0.242%
17	12.735	1797	1804	1811	rBV8	8654	22595	1.52%	0.193%
18	12.814	1811	1817	1826	rBV9	13694	45694	3.08%	0.391%
19	13.040	1846	1854	1856	rBV5	8146	16666	1.12%	0.142%
20	13.071	1856	1859	1864	rVB5	12319	18645	1.26%	0.159%
21	13.363	1902	1907	1912	rBV	66504	113844	7.67%	0.973%
22	13.424	1912	1917	1927	rVB2	603842	1261982	85.03%	10.787%
23	13.741	1963	1969	1976	rBV	169327	281573	18.97%	2.407%
24	13.967	2002	2006	2010	rBV6	13507	20177	1.36%	0.172%
25	14.076	2020	2024	2028	rBV5	12609	20117	1.36%	0.172%
26	14.125	2029	2032	2041	rVB6	19179	44265	2.98%	0.378%
27	14.211	2041	2046	2050	rBV5	10447	21433	1.44%	0.183%
28	14.259	2050	2054	2055	rBV4	28341	36501	2.46%	0.312%
29	14.393	2070	2076	2078	rBV2	26917	49418	3.33%	0.422%
30	14.424	2078	2081	2085	rVB3	24522	33135	2.23%	0.283%
31	14.479	2085	2090	2092	rBV6	11949	24883	1.68%	0.213%
32	14.625	2109	2114	2117	rBV7	10694	20323	1.37%	0.174%
33	14.686	2119	2124	2128	rVV8	13400	31669	2.13%	0.271%
34	14.735	2128	2132	2138	rVB2	20866	35305	2.38%	0.302%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002832.D
 Acq On : 03 Jun 2020 14:56
 Operator : SY/MD
 Sample : L2504-04
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EFF-SLUDGE

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\82Y052720S.M
 Title : SW846 8260

35	14.948	2163	2167	2170	rVB4	13546	19290	1.30%	0.165%
36	15.003	2170	2176	2179	rBV6	21377	46548	3.14%	0.398%
37	15.168	2200	2203	2208	rVV6	26304	56017	3.77%	0.479%
38	15.229	2208	2213	2218	rVB	100539	166326	11.21%	1.422%
39	15.393	2232	2240	2245	rBV2	70491	157133	10.59%	1.343%
40	15.521	2256	2261	2262	rBV2	46774	69065	4.65%	0.590%
41	15.613	2273	2276	2282	rVB7	19133	29049	1.96%	0.248%
42	15.704	2286	2291	2305	rVB4	65583	262108	17.66%	2.240%
43	15.814	2306	2309	2313	rBV2	23084	39456	2.66%	0.337%
44	15.905	2318	2324	2332	rVB	175845	338680	22.82%	2.895%
45	15.985	2332	2337	2341	rBV3	58022	137298	9.25%	1.174%
46	16.253	2377	2381	2386	rBV2	42989	76637	5.16%	0.655%
47	16.320	2386	2392	2400	rBV5	95565	288855	19.46%	2.469%
48	16.491	2416	2420	2425	rBV3	41607	93117	6.27%	0.796%
49	16.759	2458	2464	2475	rVB2	327831	705994	47.57%	6.035%

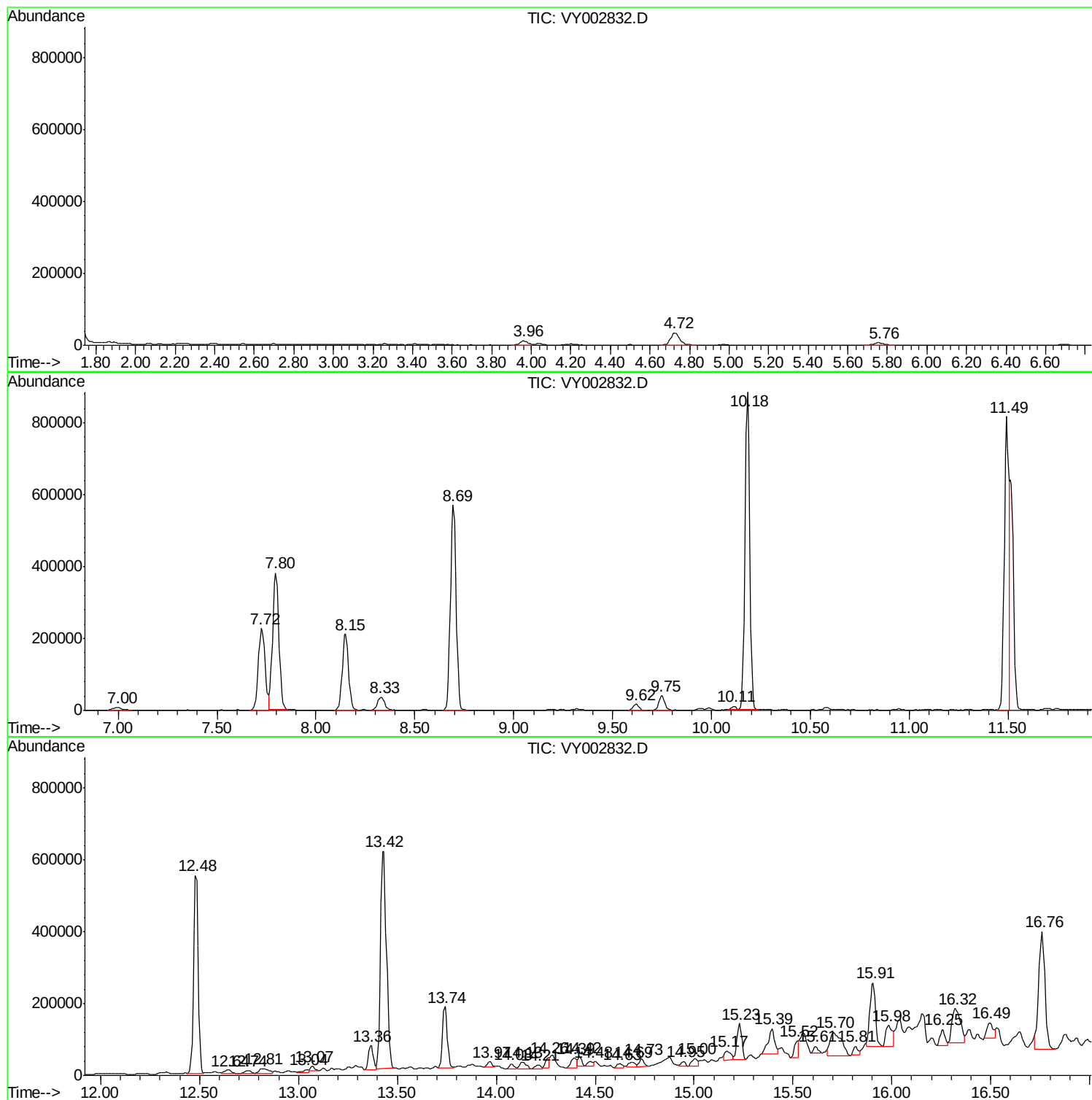
Sum of corrected areas: 11699023

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

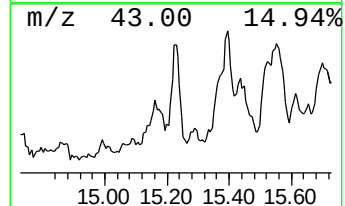
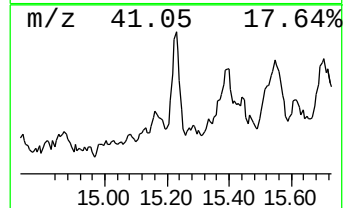
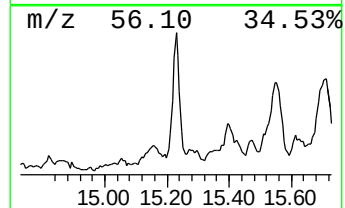
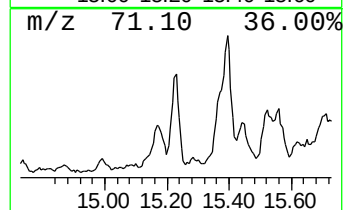
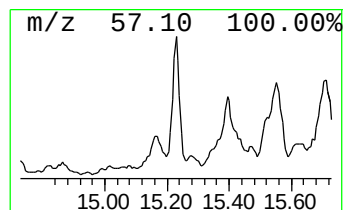
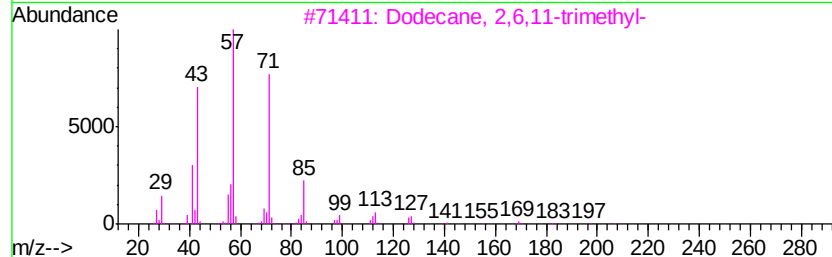
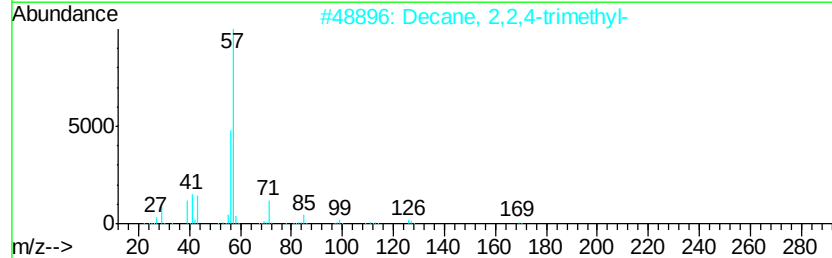
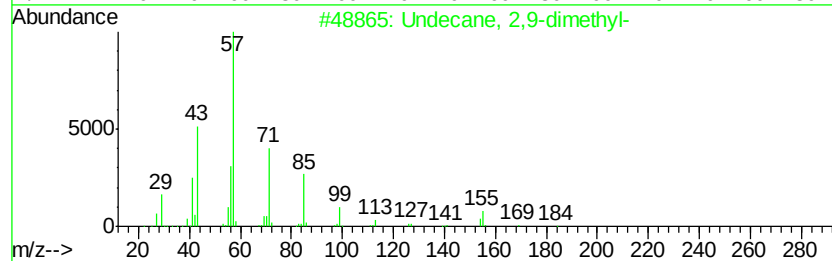
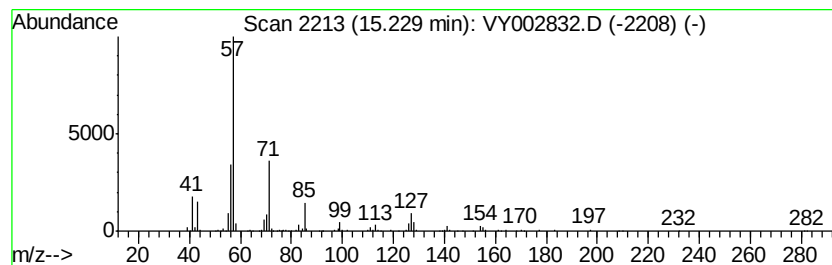
Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane, 2,9-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.23	6.59 ug/l	166326	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
2	Decane, 2,2,4-trimethyl-	184	C13H28	062237-98-3	59
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4	Decane, 3-methyl-	156	C11H24	013151-34-3	50
5	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

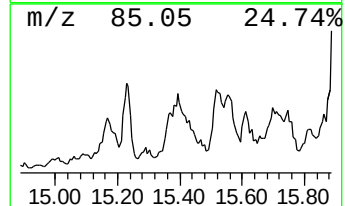
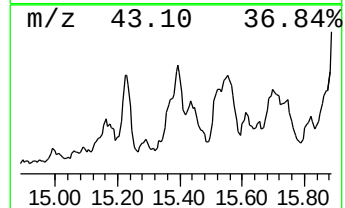
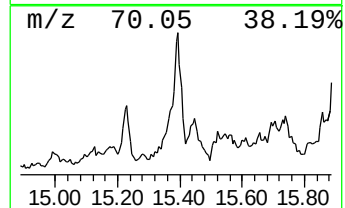
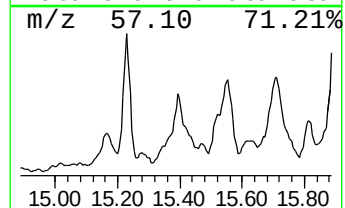
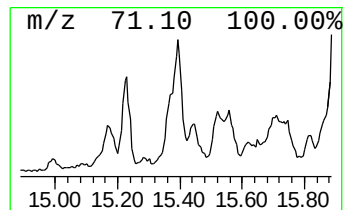
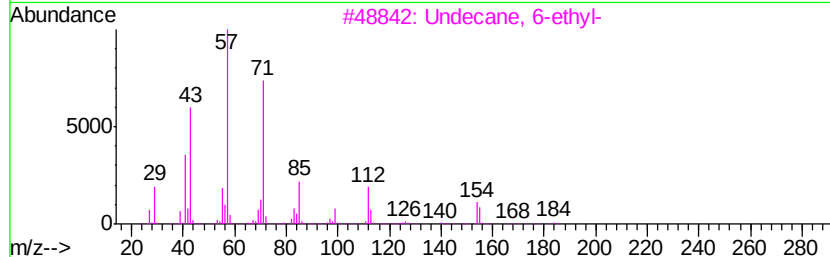
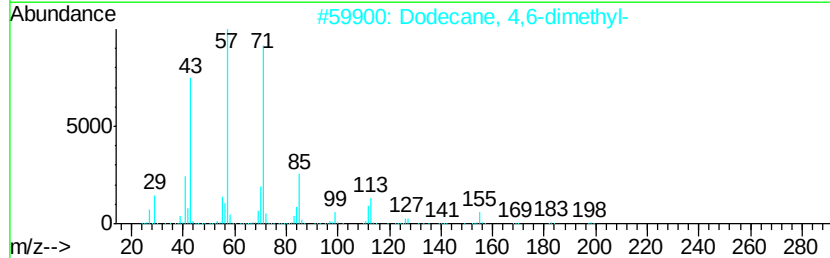
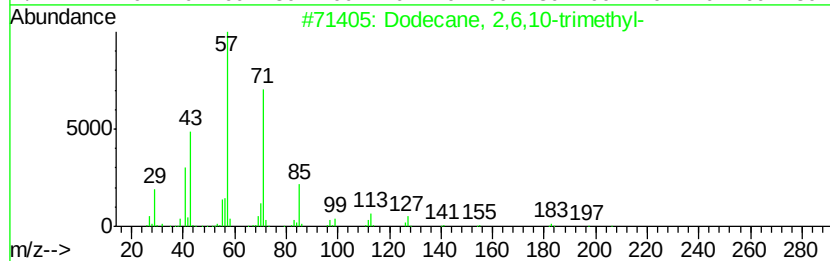
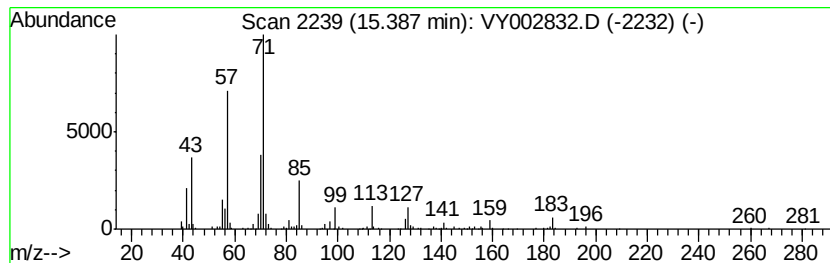
Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	6.23 ug/l	157133	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	72
2	Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8	64
3	Undecane, 6-ethyl-	184 C13H28	017312-60-6	64
4	Decane, 3,3,6-trimethyl-	184 C13H28	062338-14-1	59
5	Decane, 2,8,8-trimethyl-	184 C13H28	1000060-81-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

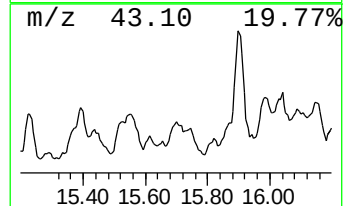
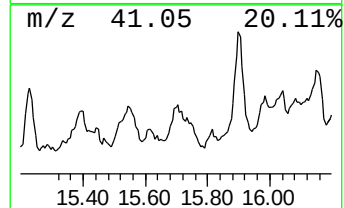
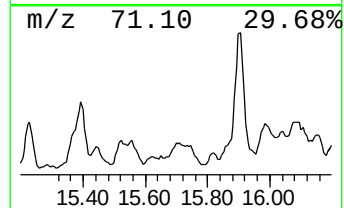
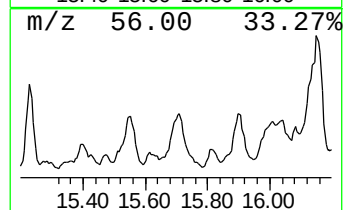
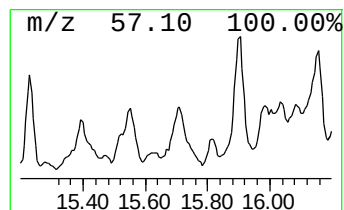
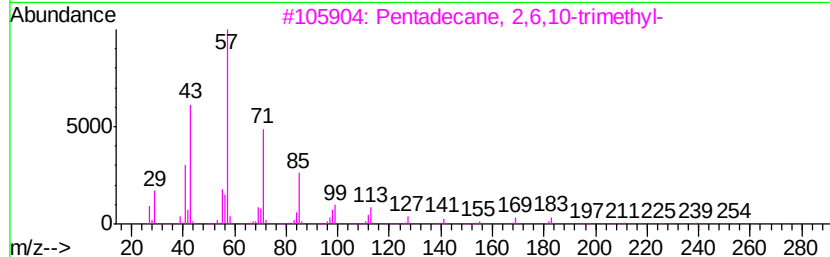
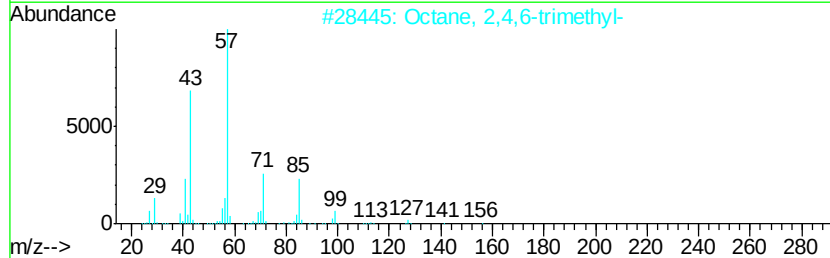
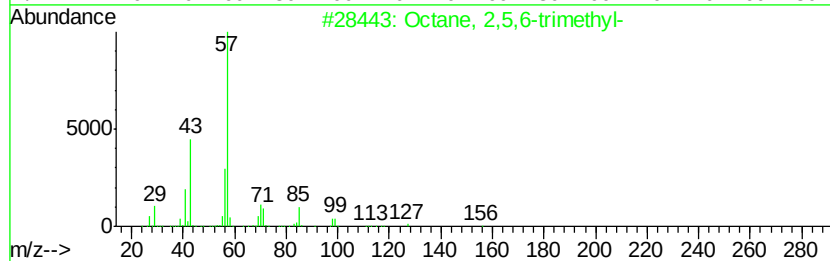
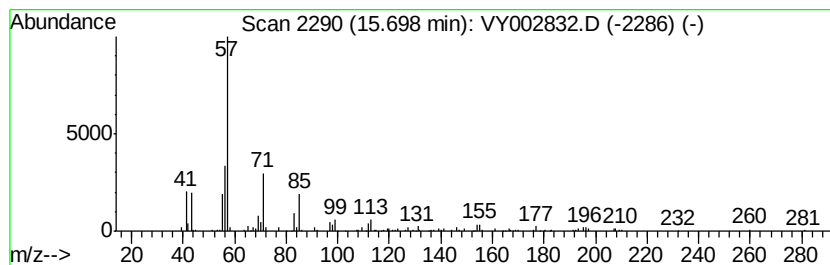
Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,5,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	10.38 ug/l	262108	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 2,5,6-trimethyl-	156 C11H24	062016-14-2	53
2	Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9	53
3	Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0	50
4	Sulfurous acid, butyl decyl ester	278 C14H30O3S	1000309-17-7	50
5	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

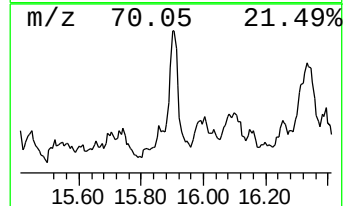
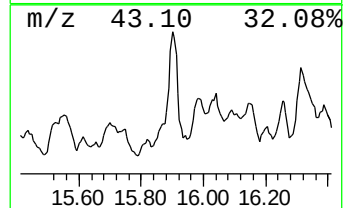
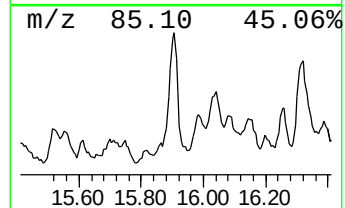
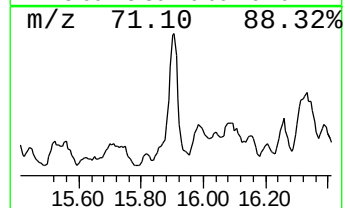
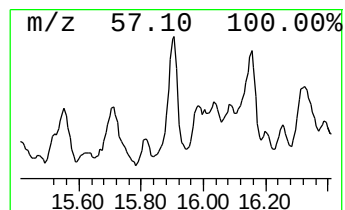
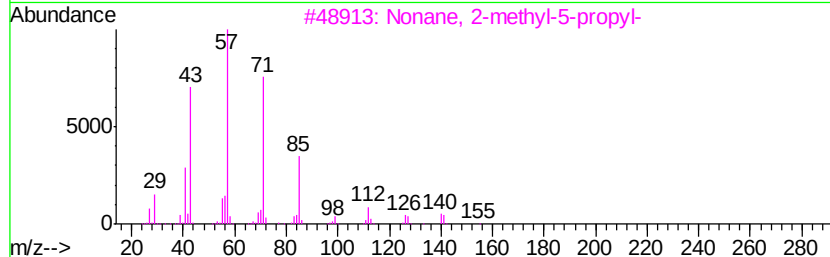
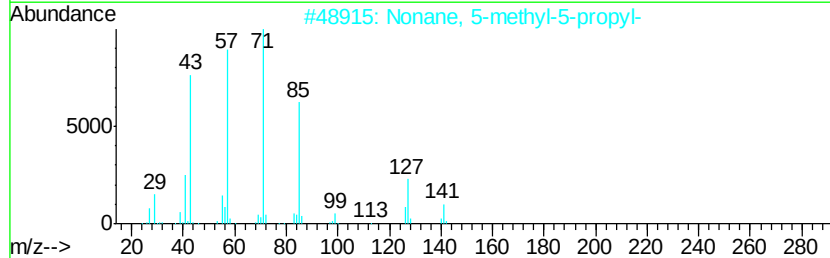
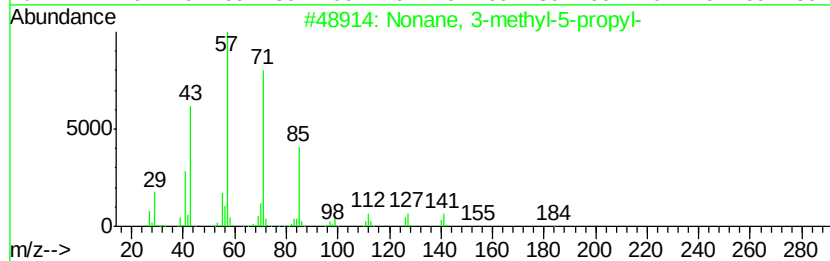
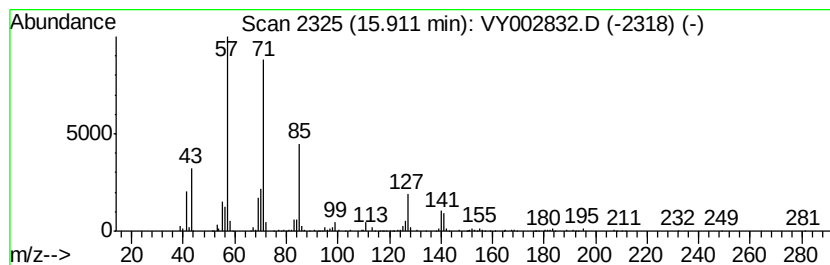
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3-methyl-5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	13.42 ug/l	338680	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	90
2		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	86
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	86
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	78
5		Pentacosane	352	C25H52	000629-99-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

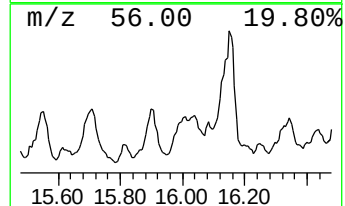
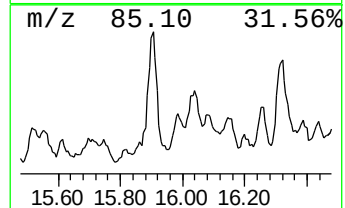
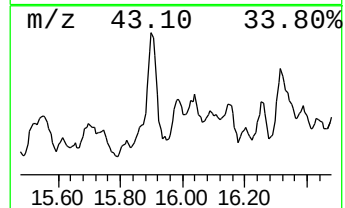
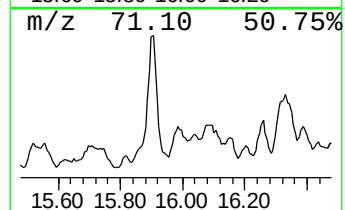
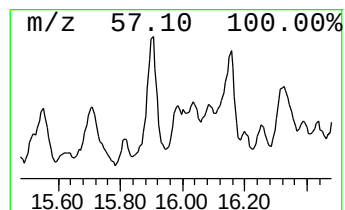
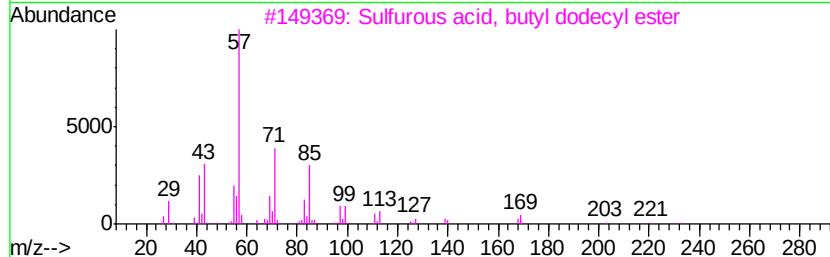
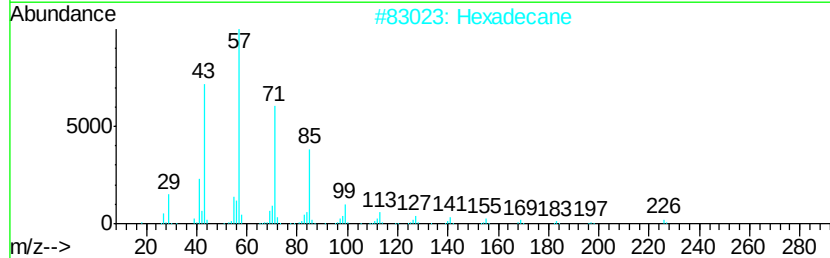
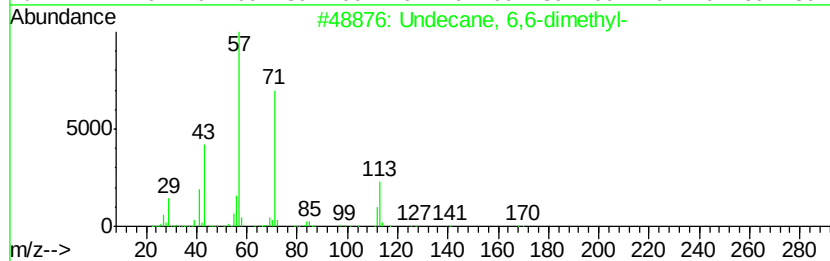
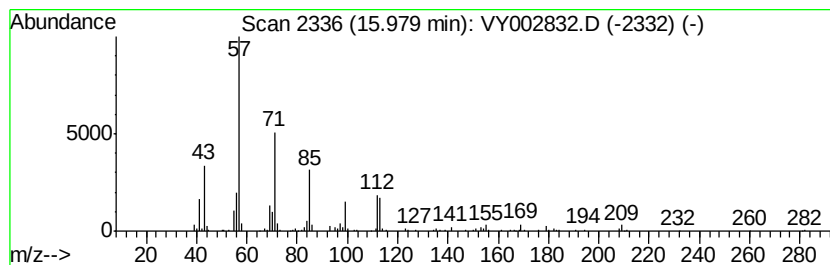
Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 6,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	5.44 ug/l	137298	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	58
2	Hexadecane	226 C16H34	000544-76-3	53
3	Sulfurous acid, butyl dodecyl ester	306 C16H34O3S	1000309-17-9	53
4	Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1	53
5	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

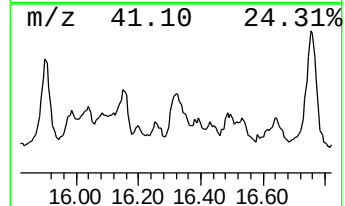
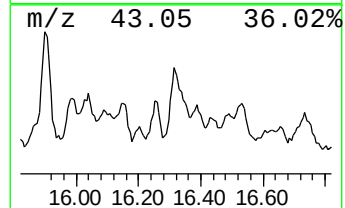
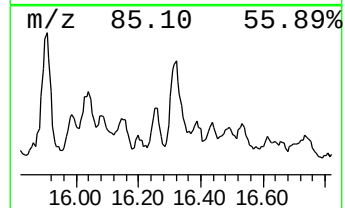
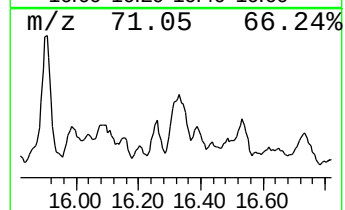
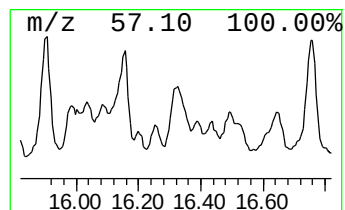
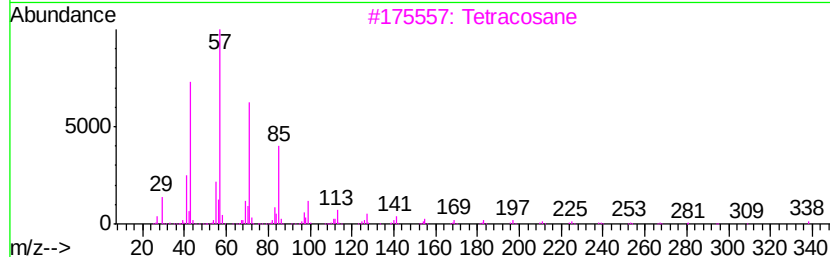
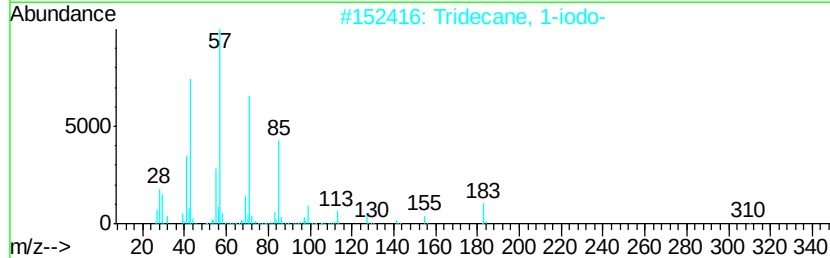
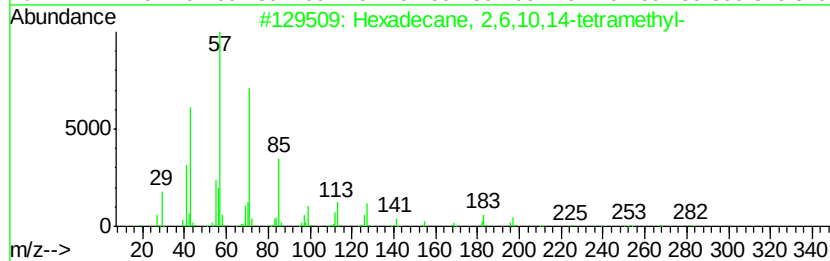
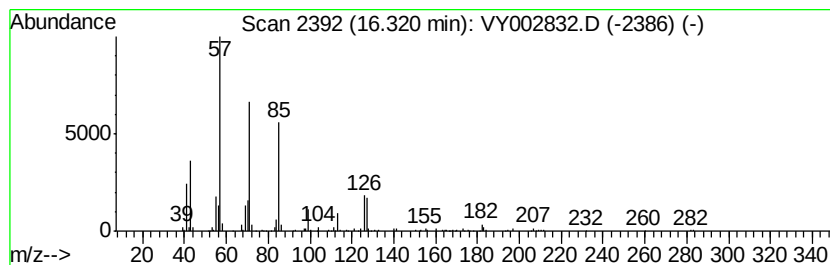
Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.32	11.44 ug/l	288855	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	81
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	64
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

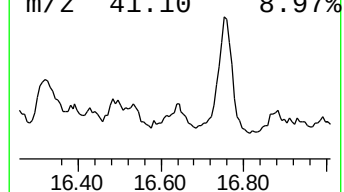
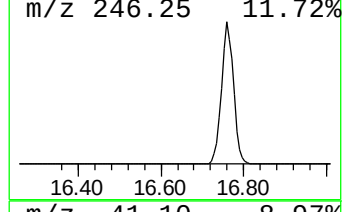
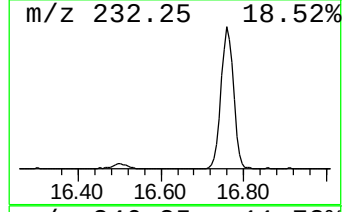
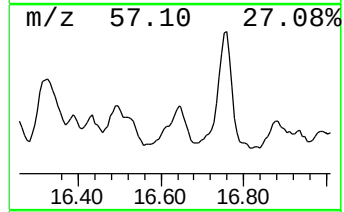
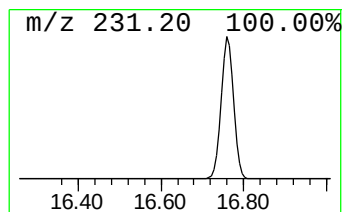
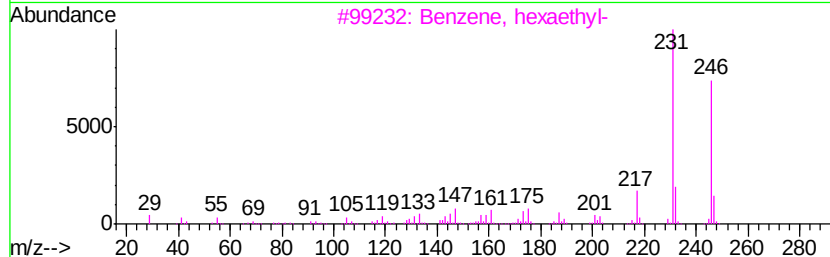
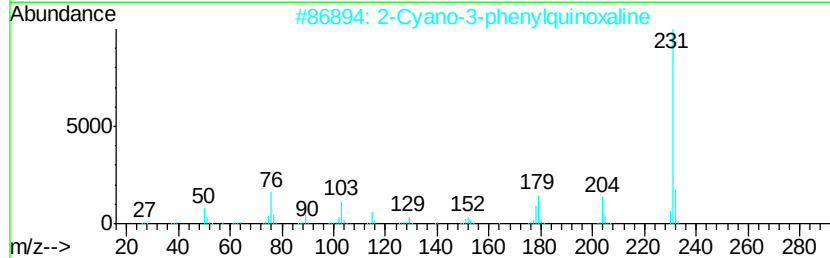
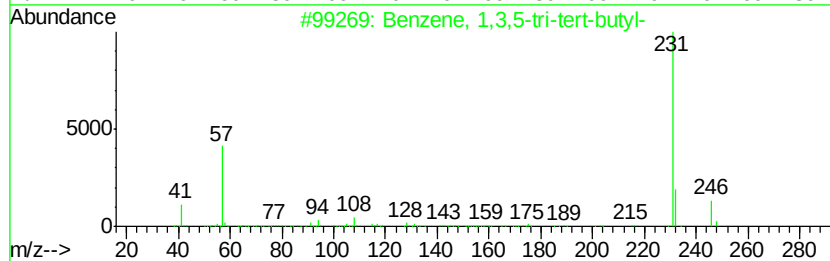
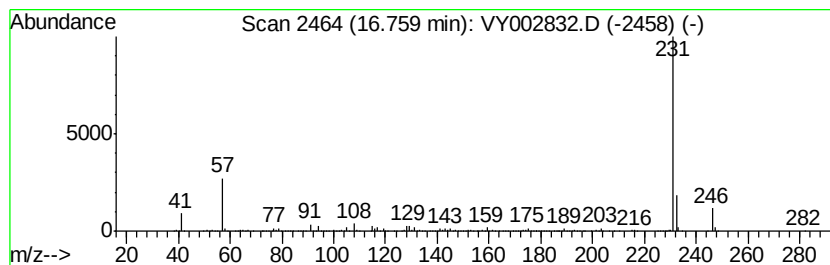
Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Benzene, 1,3,5-tri-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	27.97 ug/l	705994	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3,5-tri-tert-butyl-	246 C18H30	001460-02-2 90
2		2-Cyano-3-phenylquinoxaline	231 C15H9N3	059393-45-2 59
3		Benzene, hexaethyl-	246 C18H30	000604-88-6 56
4		2-Ethoxyethanol, triisobutylsilyl...	288 C16H36O2Si	1000331-51-9 45
5		4-tert-butylphenol, trifluoroace...	246 C12H13F3O2	1000376-51-5 40



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY060320\
Data File : VY002832.D
Acq On : 03 Jun 2020 14:56
Operator : SY/MD
Sample : L2504-04
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EFF-SLUDGE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane, 2,9-dim...	15.23	6.6	ug/l	166326	4	13.42	1261980	50.0
Dodecane, 2,6,10-...	15.39	6.2	ug/l	157133	4	13.42	1261980	50.0
Octane, 2,5,6-tri...	15.70	10.4	ug/l	262108	4	13.42	1261980	50.0
Nonane, 3-methyl-...	15.91	13.4	ug/l	338680	4	13.42	1261980	50.0
Undecane, 6,6-dim...	15.98	5.4	ug/l	137298	4	13.42	1261980	50.0
Hexadecane, 2,6,1...	16.32	11.4	ug/l	288855	4	13.42	1261980	50.0
Benzene, 1,3,5-tr...	16.76	28.0	ug/l	705994	4	13.42	1261980	50.0