

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX012004.D
 Acq On : 01 Sep 2019 20:47
 Operator : SY/SP
 Sample : K4529-07
 Misc : 2.61g/5.0mL/MSVOA X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T4-(1.9)

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_X\METHOD\82X082919S.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	1.064	25	29	43	rVB	755389	855879	33.39%	2.730%
2	1.606	106	118	121	rBV8	20359	50447	1.97%	0.161%
3	2.429	247	253	262	rVB	61893	100992	3.94%	0.322%
4	2.844	313	321	335	rBV	97258	194922	7.60%	0.622%
5	3.509	419	430	438	rBV	28597	66353	2.59%	0.212%
6	5.484	742	754	767	rBV2	181118	521884	20.36%	1.665%
7	5.648	769	781	794	rBV	372302	1039961	40.57%	3.317%
8	6.051	837	847	861	rBV	165442	440828	17.20%	1.406%
9	6.849	966	978	995	rBV	493648	1178662	45.98%	3.760%
10	8.709	1273	1283	1290	rBV	963340	1494270	58.29%	4.766%
11	8.776	1290	1294	1303	rVB	23367	43473	1.70%	0.139%
12	10.111	1504	1513	1525	rBV	886126	1245367	48.58%	3.972%
13	11.135	1675	1681	1693	rBV	747989	977468	38.13%	3.118%
14	11.361	1711	1718	1724	rBV	73165	107258	4.18%	0.342%
15	11.891	1799	1805	1809	rVB3	18956	32321	1.26%	0.103%
16	11.983	1816	1820	1823	rVB	28060	33441	1.30%	0.107%
17	12.074	1829	1835	1839	rBV	882922	1088635	42.47%	3.473%
18	12.117	1839	1842	1847	rVB2	78853	116433	4.54%	0.371%
19	12.263	1863	1866	1871	rBV4	18460	30774	1.20%	0.098%
20	12.312	1871	1874	1876	rBV	48042	57747	2.25%	0.184%
21	12.342	1876	1879	1884	rVB3	80005	122515	4.78%	0.391%
22	12.397	1884	1888	1891	rBV3	70941	135000	5.27%	0.431%
23	12.495	1898	1904	1911	rBV2	364262	680637	26.55%	2.171%
24	12.562	1911	1915	1922	rVV3	206636	418471	16.32%	1.335%
25	12.629	1922	1926	1931	rBV	132346	218535	8.53%	0.697%
26	12.678	1931	1934	1936	rVV3	93610	123137	4.80%	0.393%
27	12.708	1936	1939	1942	rVV2	109949	139793	5.45%	0.446%
28	12.751	1942	1946	1950	rVB2	186175	229805	8.96%	0.733%
29	12.806	1950	1955	1956	rBV2	108929	178339	6.96%	0.569%
30	12.836	1957	1960	1969	rVB5	260735	483289	18.85%	1.542%
31	12.958	1976	1980	1984	rBV3	88640	167991	6.55%	0.536%
32	13.013	1986	1989	1991	rVV2	159852	197712	7.71%	0.631%
33	13.050	1992	1995	1999	rVV4	199304	326623	12.74%	1.042%
34	13.092	1999	2002	2006	rVB2	145138	199642	7.79%	0.637%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61g/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

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_X\METHOD\82X082919S.M
Title : SW846 8260

35	13.220	2014	2023	2026	rBV2	263602	576766	22.50%	1.840%
36	13.287	2030	2034	2035	rVV2	177504	213513	8.33%	0.681%
37	13.312	2036	2038	2042	rVB4	250108	324063	12.64%	1.034%
38	13.428	2054	2057	2060	rBV3	119335	159948	6.24%	0.510%
39	13.482	2063	2066	2068	rBV3	92099	107274	4.18%	0.342%
40	13.586	2073	2083	2085	rBV3	367845	995651	38.84%	3.176%
41	13.726	2103	2106	2111	rBV5	164414	328992	12.83%	1.049%
42	13.946	2139	2142	2148	rVB2	532268	813473	31.73%	2.595%
43	14.013	2150	2153	2156	rVB4	215749	270896	10.57%	0.864%
44	14.147	2171	2175	2179	rBV	1896720	2419116	94.37%	7.717%
45	14.208	2179	2185	2186	rBV2	950247	1657666	64.67%	5.288%
46	14.299	2197	2200	2203	rBV2	633385	790184	30.83%	2.521%
47	14.427	2218	2221	2222	rBV2	327214	410659	16.02%	1.310%
48	14.452	2222	2225	2228	rVB	608658	755655	29.48%	2.410%
49	14.561	2237	2243	2248	rBV4	706400	1696371	66.18%	5.411%
50	14.696	2262	2265	2268	rVB	423647	509082	19.86%	1.624%
51	14.750	2269	2274	2279	rVB3	1356616	2563434	100.00%	8.177%
52	15.128	2332	2336	2344	rVB4	1140000	2227619	86.90%	7.106%
53	15.202	2344	2348	2357	rVB4	456678	1195868	46.65%	3.815%
54	16.445	2547	2552	2559	rVB3	15480	34976	1.36%	0.112%

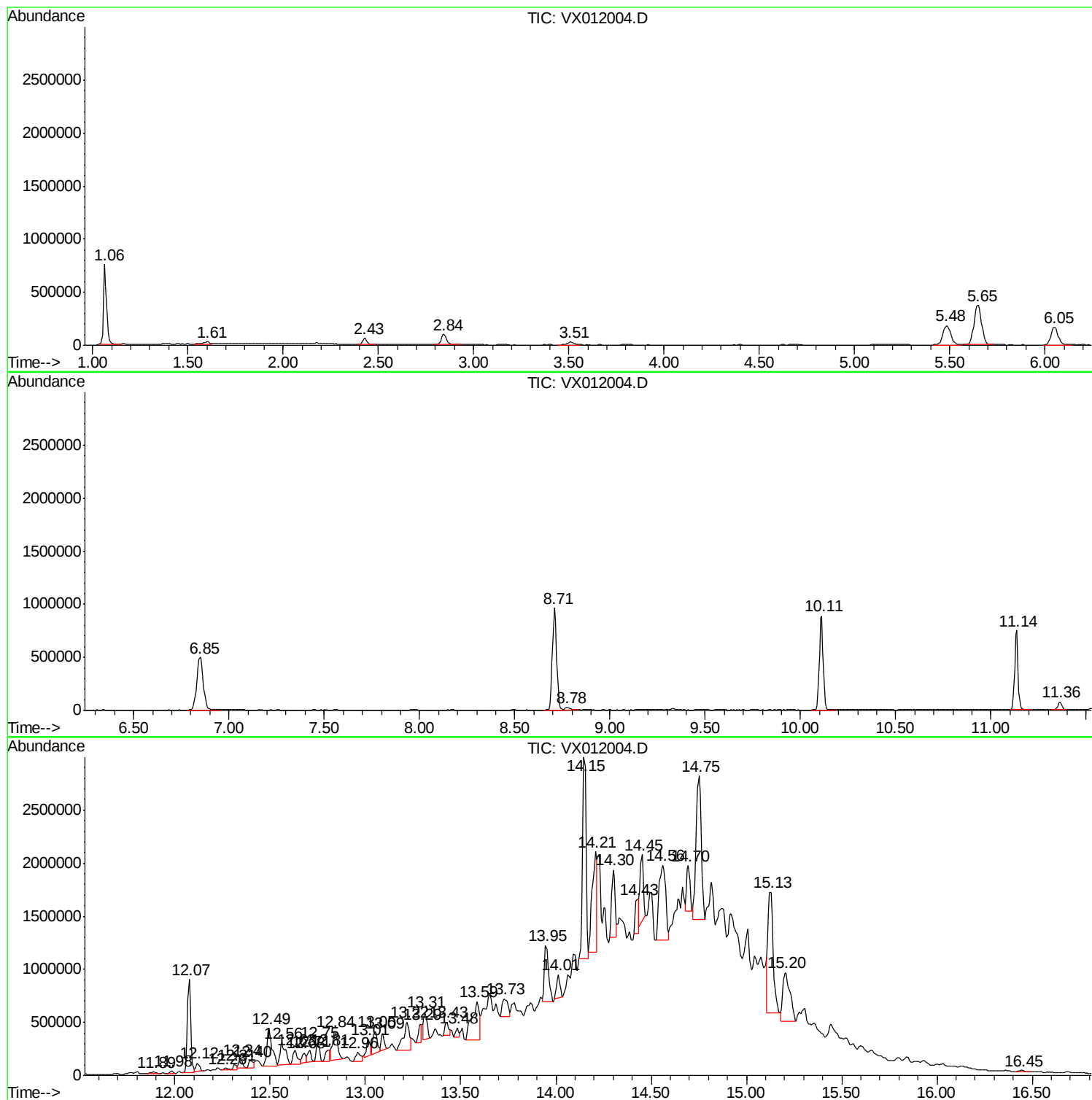
Sum of corrected areas: 31349810

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61µ/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61g/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

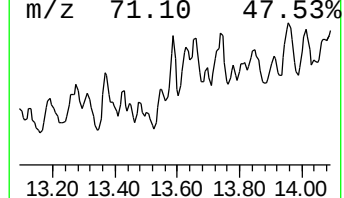
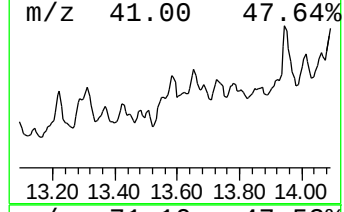
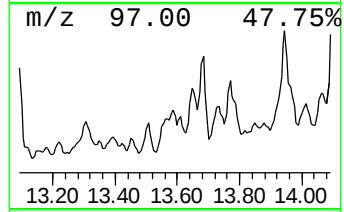
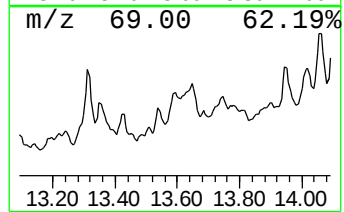
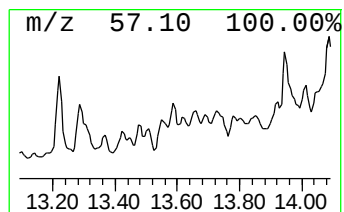
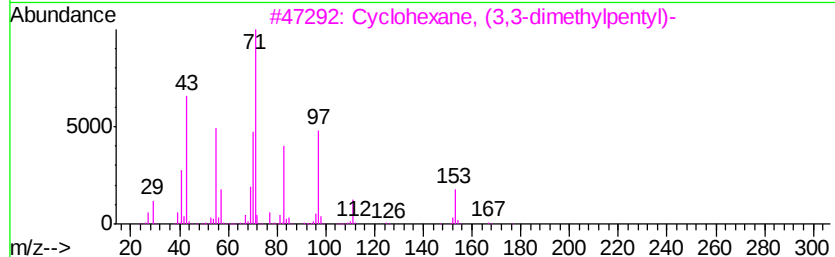
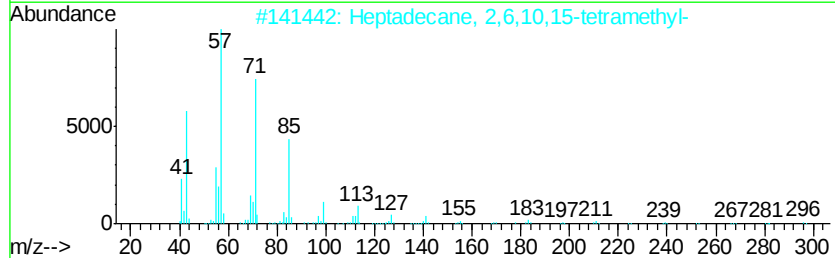
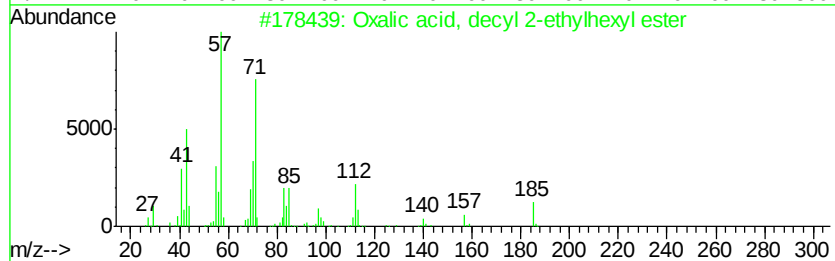
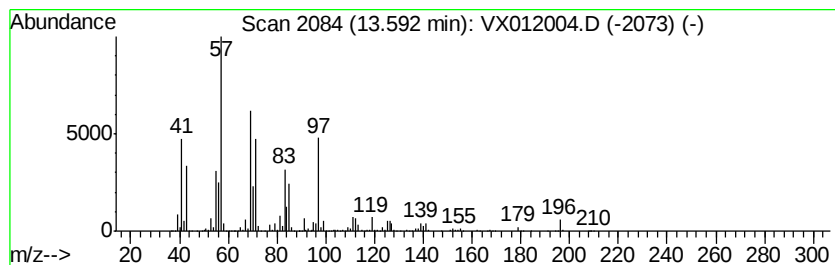
Instrument :
MSVOA_X
ClientSampled :
T9-12-13-T4-(1.9)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.59 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.59	45.73 ug/l	995651	1,4-Dichlorobenzene-d4	12.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	47
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
3	Cyclohexane, (3,3-dimethylpentyl)-	182	C13H26	061142-22-1	43
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61g/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

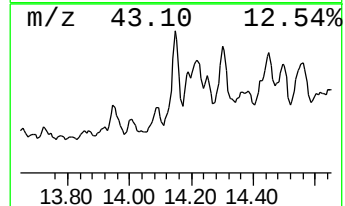
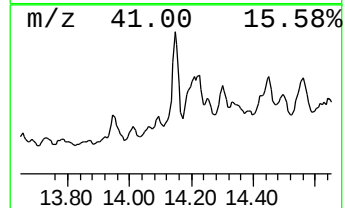
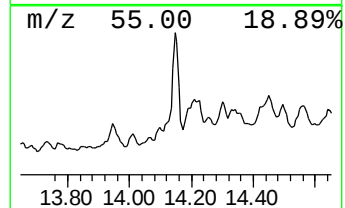
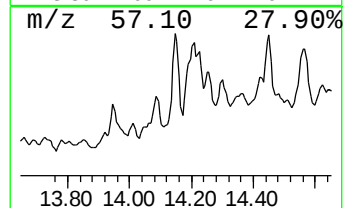
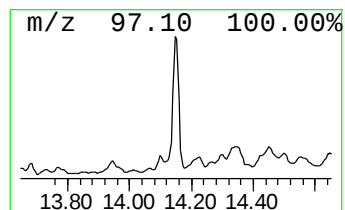
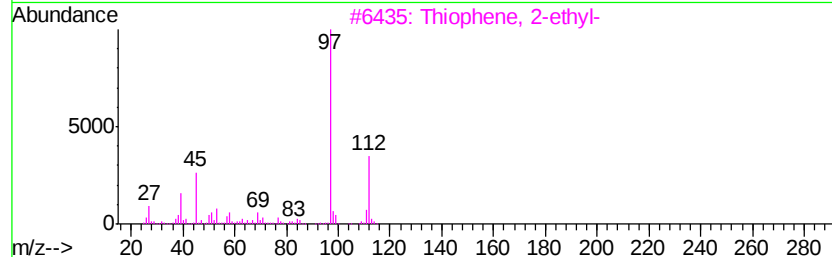
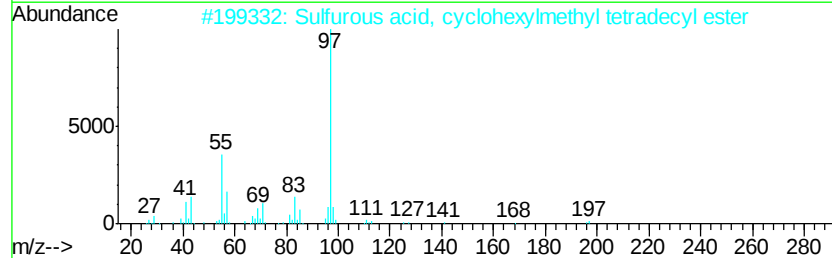
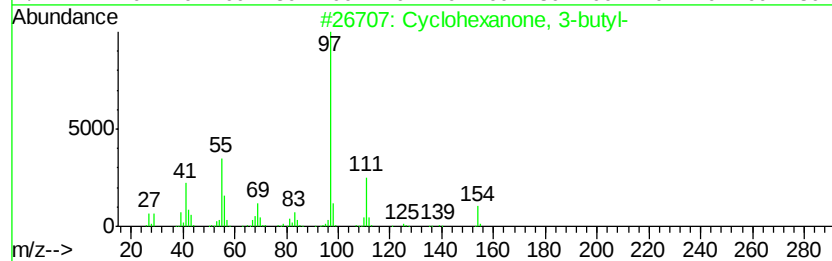
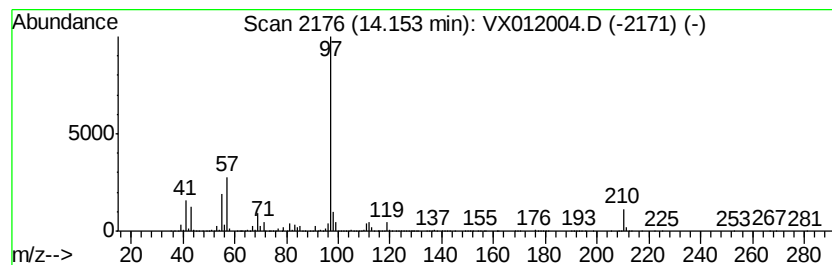
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexanone, 3-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	111.11 ug/l	2419120	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	72
2		Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64
3		Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	64
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
5		4-Hepten-3-one, 2,6-dimethyl-	140	C9H16O	056259-14-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61µ/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

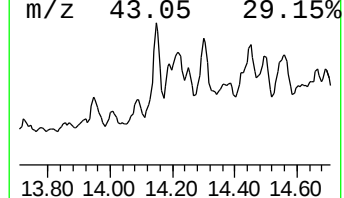
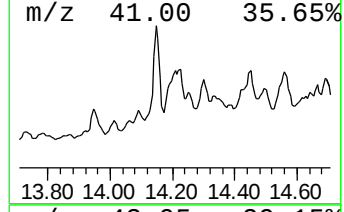
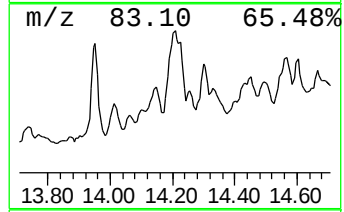
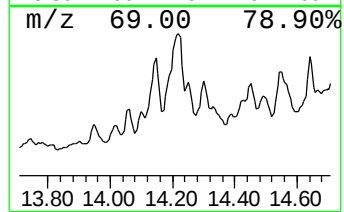
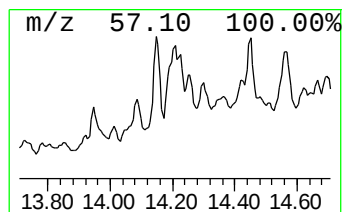
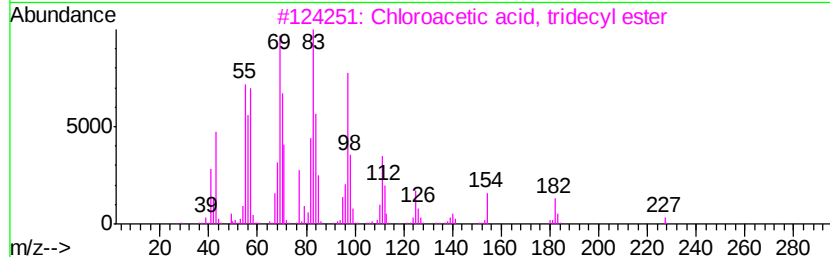
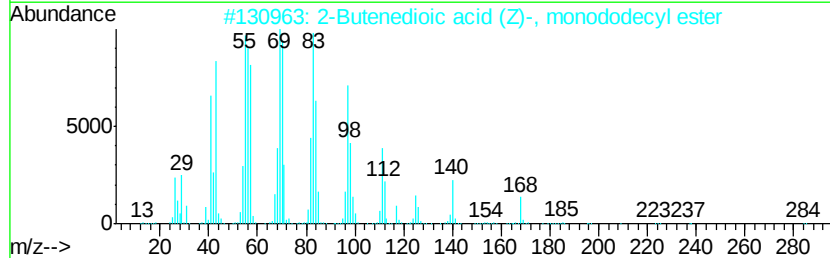
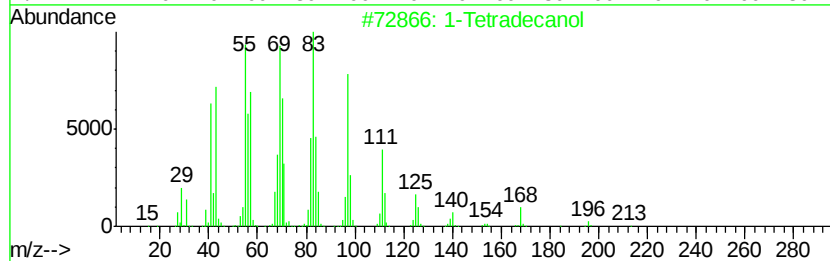
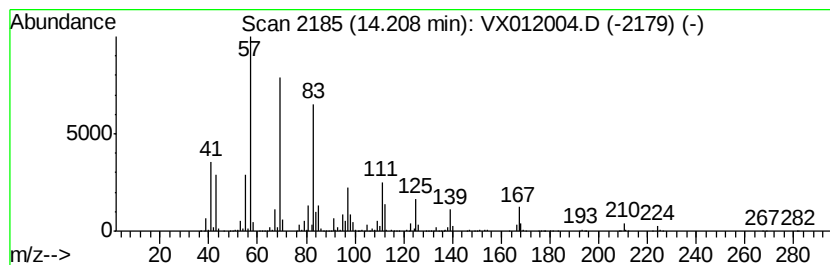
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 5 1-Tetradecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	76.14 ug/l	1657670	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Tetradecanol	214 C14H30O	000112-72-1 72
2		2-Butenedioic acid (Z)-, monodod...	284 C16H28O4	002424-61-5 55
3		Chloroacetic acid, tridecyl ester	276 C15H29ClO2	018277-85-5 49
4		Cyclobutanone, 2-(1,1-dimethyl et...	126 C8H14O	004579-31-1 47
5		1,4-Bis(trifluoroacetyl)-3-methy...	320 C9H6F6N2O4	1000281-05-8 35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61µ/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

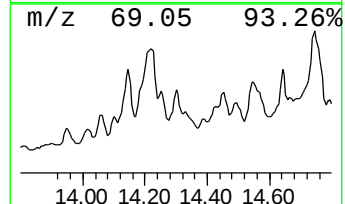
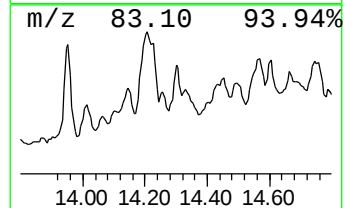
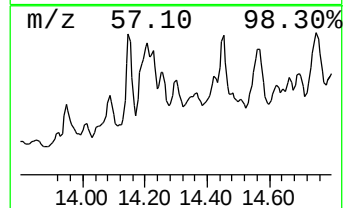
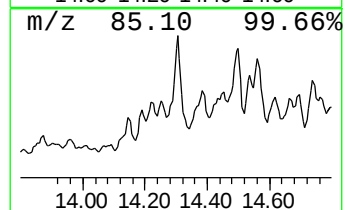
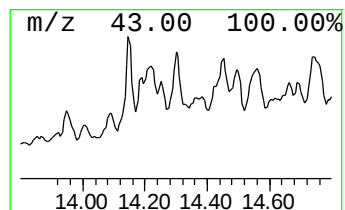
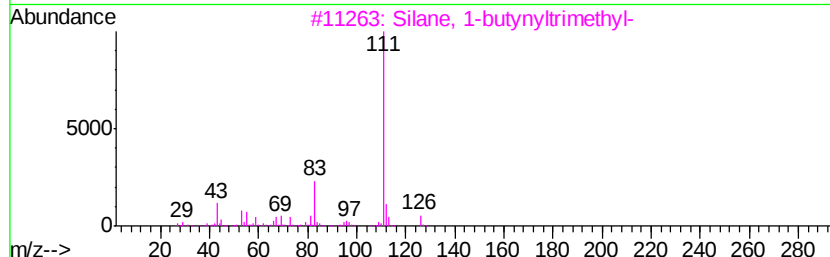
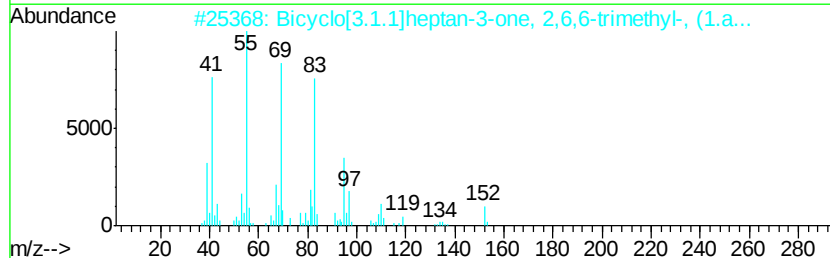
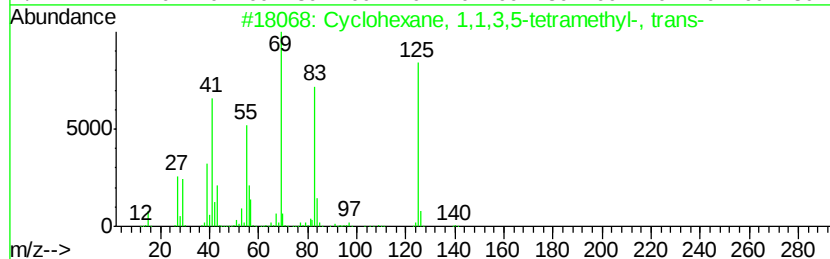
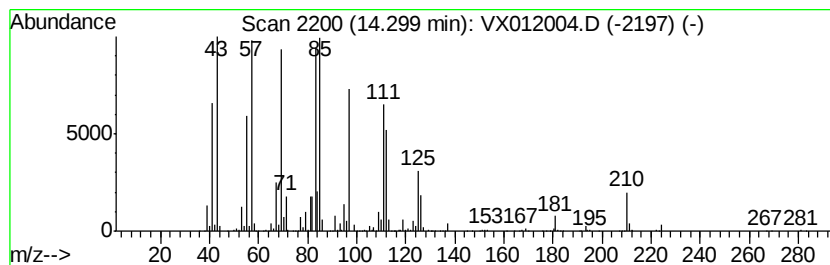
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.30 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	36.29 ug/l	790184	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	35
2		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
3		Silane, 1-butylnyltrimethyl-	126	C7H14Si	062108-37-6	22
4		Cyclohexanecarboxylic acid, 2-tr...	310	C20H38O2	1000280-59-3	22
5		2,2-Dimethylpropanoic acid, oct-...	212	C13H24O2	1000299-33-3	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61g/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
T9-12-13-T4-(1.9)

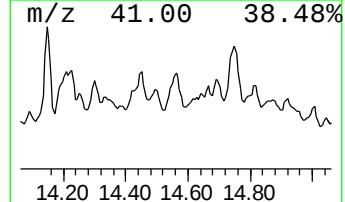
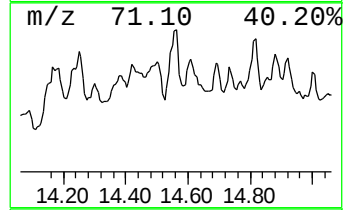
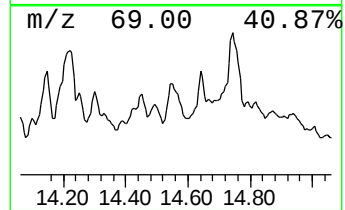
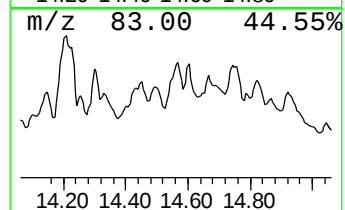
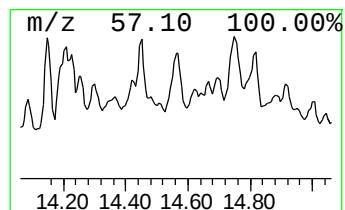
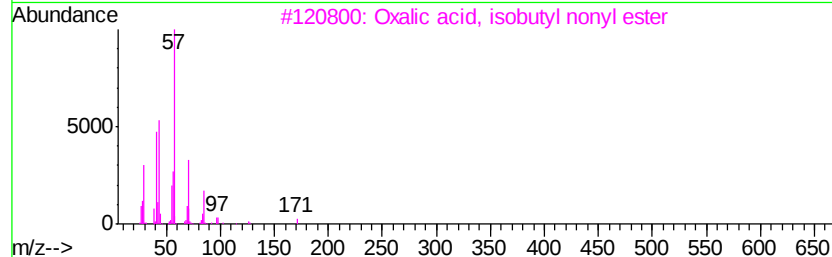
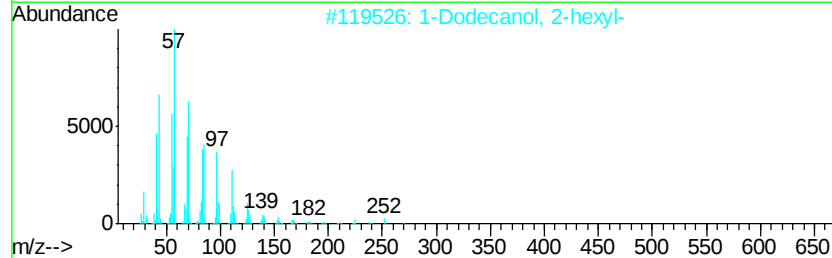
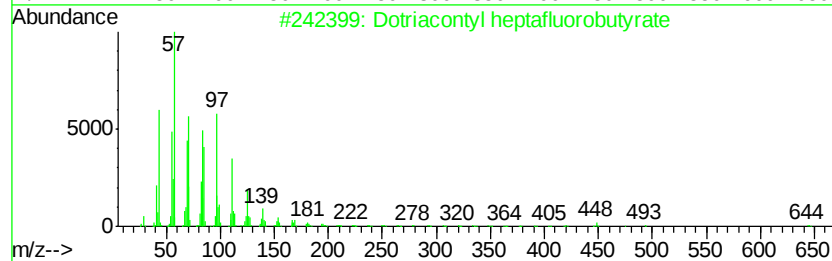
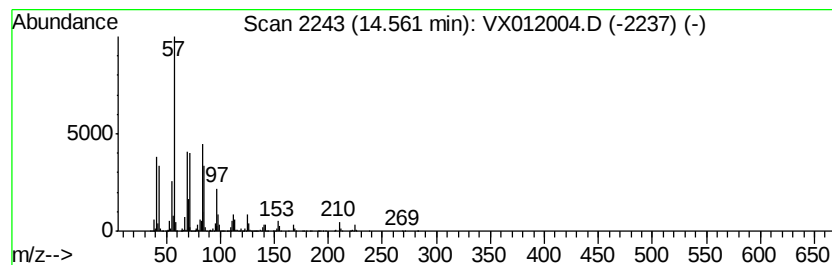
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 7 Dotriacontyl heptafluorobut... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	77.91 ug/l	1696370	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontyl heptafluorobutvrate	662	C36H65F7O2	1000351-84-2	72
2		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	53
3		Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	43
4		Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	38
5		Undecane	156	C11H24	001120-21-4	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61µ/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

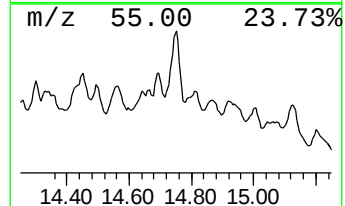
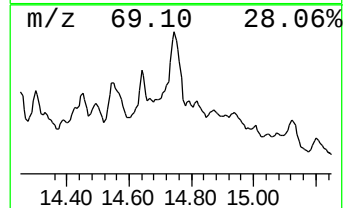
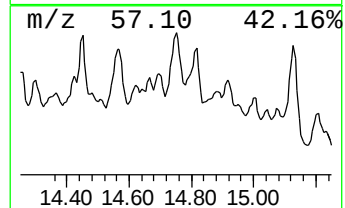
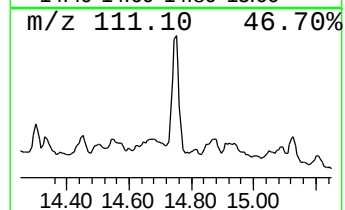
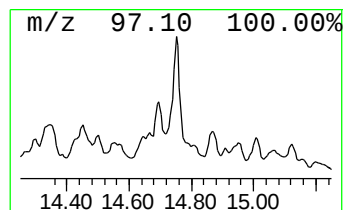
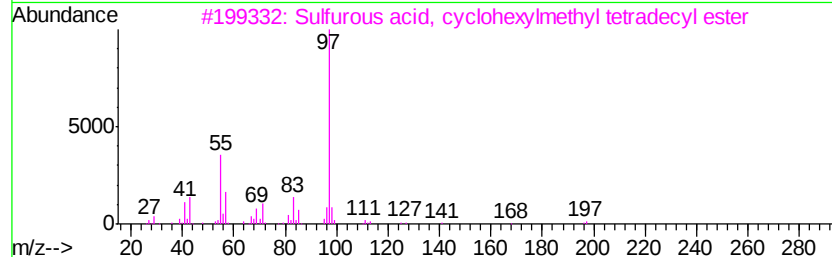
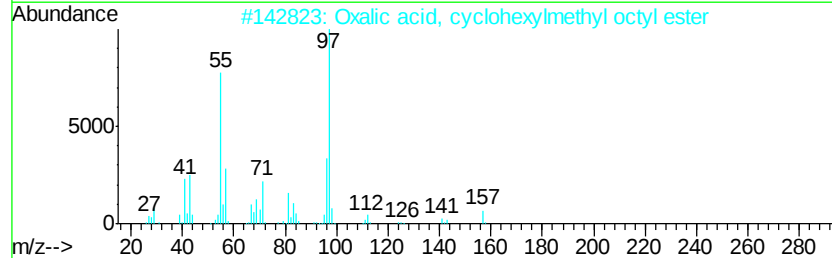
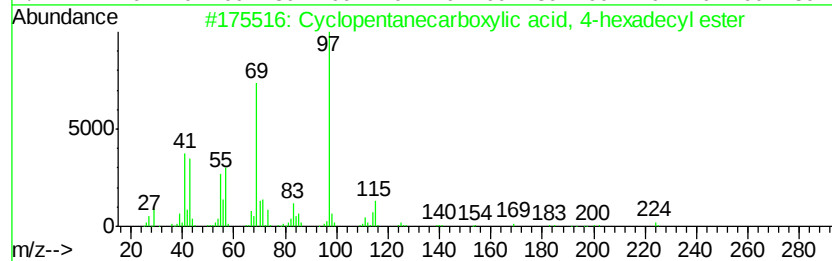
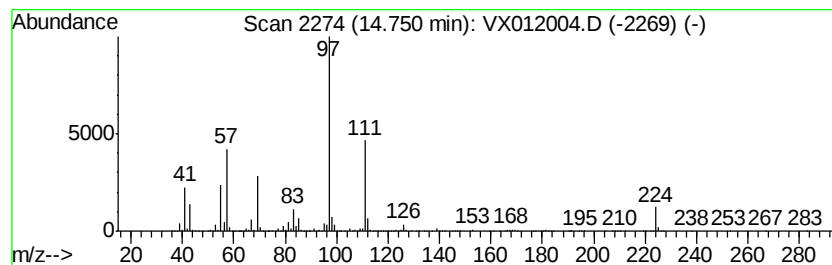
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 8 Cyclopentanecarboxylic acid... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	117.74 ug/l	2563430	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentanecarboxylic acid, 4-h...	338 C22H42O2	1000282-77-5 53
2		Oxalic acid, cyclohexylmethyl oc...	298 C17H30O4	1000309-68-4 50
3		Sulfurous acid, cyclohexylmethyl...	374 C21H42O3S	1000309-22-2 47
4		Sulfurous acid, cyclohexylmethyl...	388 C22H44O3S	1000309-22-3 47
5		Bicyclo[3.2.0]heptan-2-one, 6-hy...	166 C10H14O2	1000154-96-8 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61µ/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

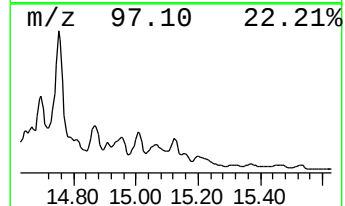
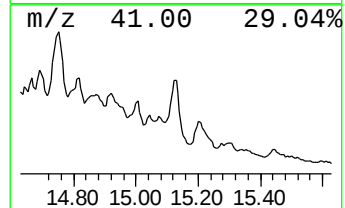
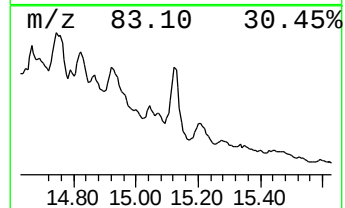
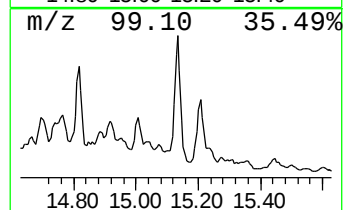
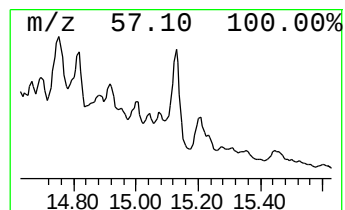
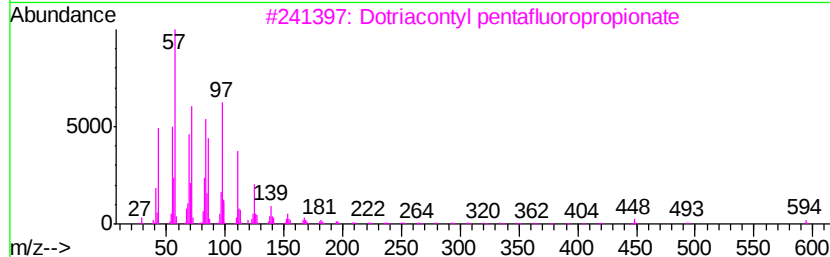
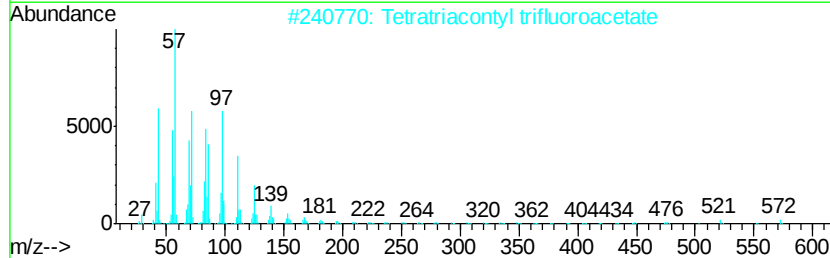
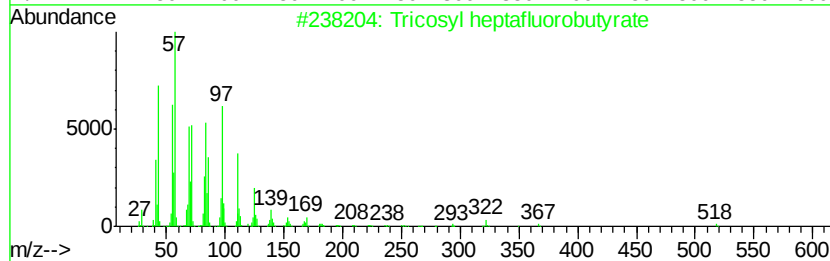
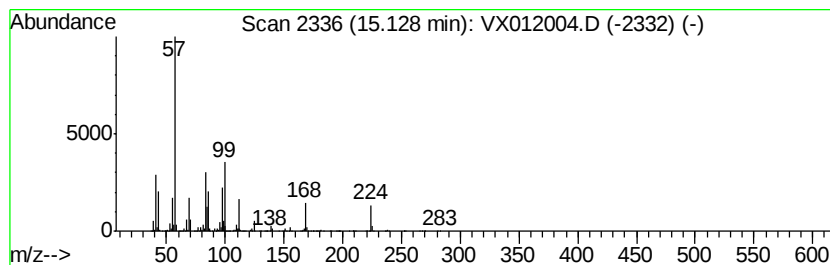
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.13 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	102.31 ug/l	2227620	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	45
2		Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	45
3		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	45
4		Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	40
5		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61µ/5.0mL/MSVOA X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
T9-12-13-T4-(1.9)

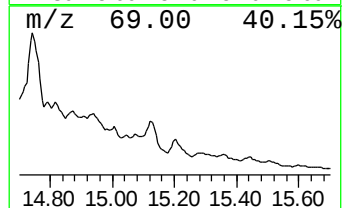
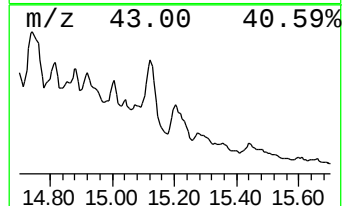
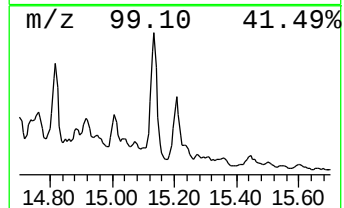
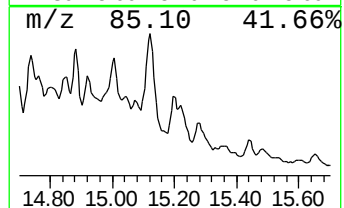
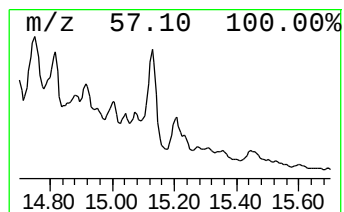
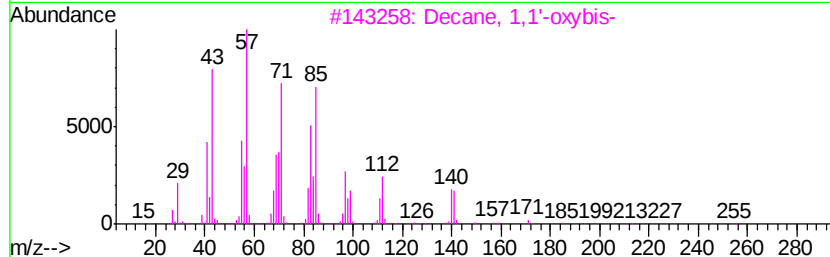
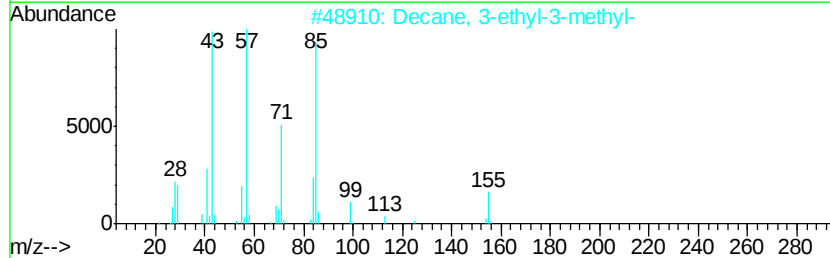
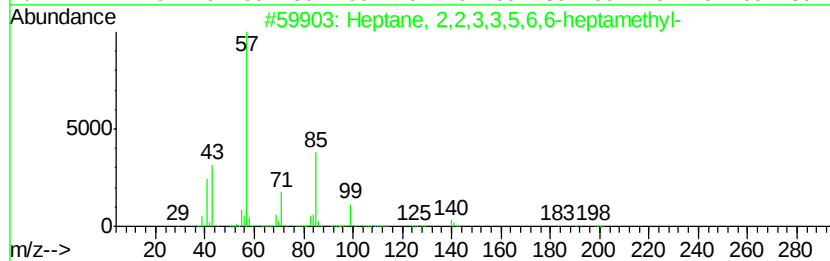
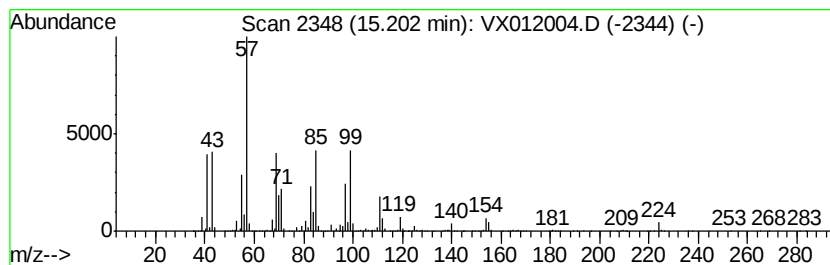
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown15.20 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	54.93 ug/l	1195870	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	43
2		Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	35
3		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	27
4		3-Hexanone, 2,5-dimethyl-	128	C8H16O	001888-57-9	27
5		2,2-Dimethyl-3-heptanone	142	C9H18O	019078-97-8	25



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX012004.D
Acq On : 01 Sep 2019 20:47
Operator : SY/SP
Sample : K4529-07
Misc : 2.61g/5.0mL/MSVOA_X/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T4-(1.9)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.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
unknown13.59	13.59	45.7	ug/l	995651	4	12.07	1088640	50.0
Cyclohexanone, 3-...	14.15	111.1	ug/l	2419120	4	12.07	1088640	50.0
1-Tetradecanol	14.21	76.1	ug/l	1657670	4	12.07	1088640	50.0
unknown14.30	14.30	36.3	ug/l	790184	4	12.07	1088640	50.0
Dotriacontyl hept...	14.56	77.9	ug/l	1696370	4	12.07	1088640	50.0
Cyclopentanecarbo...	14.75	117.7	ug/l	2563430	4	12.07	1088640	50.0
unknown15.13	15.13	102.3	ug/l	2227620	4	12.07	1088640	50.0
unknown15.20	15.20	54.9	ug/l	1195870	4	12.07	1088640	50.0