

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
 Data File : VX011999.D
 Acq On : 01 Sep 2019 18:27
 Operator : SY/SP
 Sample : K4529-02
 Misc : 2.99g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-T3-(0)

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	730272	828238	50.91%	5.460%
2	1.162	43	45	54	rVB	16227	18583	1.14%	0.122%
3	1.393	77	83	86	rBV2	10210	16957	1.04%	0.112%
4	1.588	110	115	122	rVB5	9828	16385	1.01%	0.108%
5	2.844	314	321	332	rBV	41899	82488	5.07%	0.544%
6	3.515	425	431	439	rVB4	6783	16743	1.03%	0.110%
7	5.124	687	695	704	rBV2	7201	23060	1.42%	0.152%
8	5.484	740	754	769	rBV	190940	557205	34.25%	3.673%
9	5.649	769	781	797	rVB	394780	1103925	67.86%	7.277%
10	6.051	837	847	862	rBV	178562	461449	28.36%	3.042%
11	6.850	967	978	998	rBV	516586	1249551	76.81%	8.237%
12	8.709	1276	1283	1291	rBV	1072163	1626826	100.00%	10.724%
13	8.782	1291	1295	1302	rVB	14450	25790	1.59%	0.170%
14	9.331	1378	1385	1391	rVB	10493	20578	1.26%	0.136%
15	10.105	1506	1512	1523	rBV	1004564	1397971	85.93%	9.215%
16	11.135	1675	1681	1690	rBV	894768	1166989	71.73%	7.693%
17	11.361	1711	1718	1725	rBV	48986	71276	4.38%	0.470%
18	12.074	1829	1835	1841	rBV	1099772	1358231	83.49%	8.953%
19	12.263	1862	1866	1872	rBV	16805	23328	1.43%	0.154%
20	12.495	1898	1904	1907	rBV2	27486	53365	3.28%	0.352%
21	12.562	1911	1915	1922	rBV4	16894	34738	2.14%	0.229%
22	12.629	1922	1926	1931	rBV6	9967	17955	1.10%	0.118%
23	12.751	1943	1946	1950	rBV2	14325	17030	1.05%	0.112%
24	12.812	1950	1956	1959	rBV	46136	78890	4.85%	0.520%
25	13.013	1985	1989	1992	rBV3	15857	24194	1.49%	0.159%
26	13.056	1992	1996	1999	rVV4	16485	28951	1.78%	0.191%
27	13.092	1999	2002	2007	rVV	15481	22719	1.40%	0.150%
28	13.147	2007	2011	2014	rVV2	20177	25962	1.60%	0.171%
29	13.287	2030	2034	2035	rBV2	21408	24796	1.52%	0.163%
30	13.318	2036	2039	2043	rVB3	48171	56125	3.45%	0.370%
31	13.428	2054	2057	2063	rBV6	15587	27324	1.68%	0.180%
32	13.556	2073	2078	2079	rBV3	28429	44550	2.74%	0.294%
33	13.733	2103	2107	2111	rBV6	23364	47393	2.91%	0.312%
34	13.854	2123	2127	2128	rBV2	25820	35950	2.21%	0.237%

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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

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Title : SW846 8260

35	13.946	2139	2142	2148	rBV2	78001	141439	8.69%	0.932%
36	14.092	2163	2166	2169	rBV3	52200	72779	4.47%	0.480%
37	14.147	2171	2175	2179	rBV	332142	413894	25.44%	2.728%
38	14.208	2179	2185	2186	rBV5	174656	337182	20.73%	2.223%
39	14.299	2197	2200	2203	rBV2	152420	198304	12.19%	1.307%
40	14.428	2217	2221	2222	rBV2	121017	165406	10.17%	1.090%
41	14.556	2237	2242	2248	rBV4	182002	458408	28.18%	3.022%
42	14.696	2262	2265	2268	rVB	108594	119841	7.37%	0.790%
43	14.751	2269	2274	2279	rVV2	393187	795924	48.92%	5.247%
44	14.812	2282	2284	2288	rVB2	152946	181845	11.18%	1.199%
45	15.007	2313	2316	2319	rVB2	150286	168573	10.36%	1.111%
46	15.129	2331	2336	2344	rVB3	492662	960263	59.03%	6.330%
47	15.202	2344	2348	2357	rVB4	204388	515367	31.68%	3.397%
48	16.445	2549	2552	2563	rVB	14408	35612	2.19%	0.235%

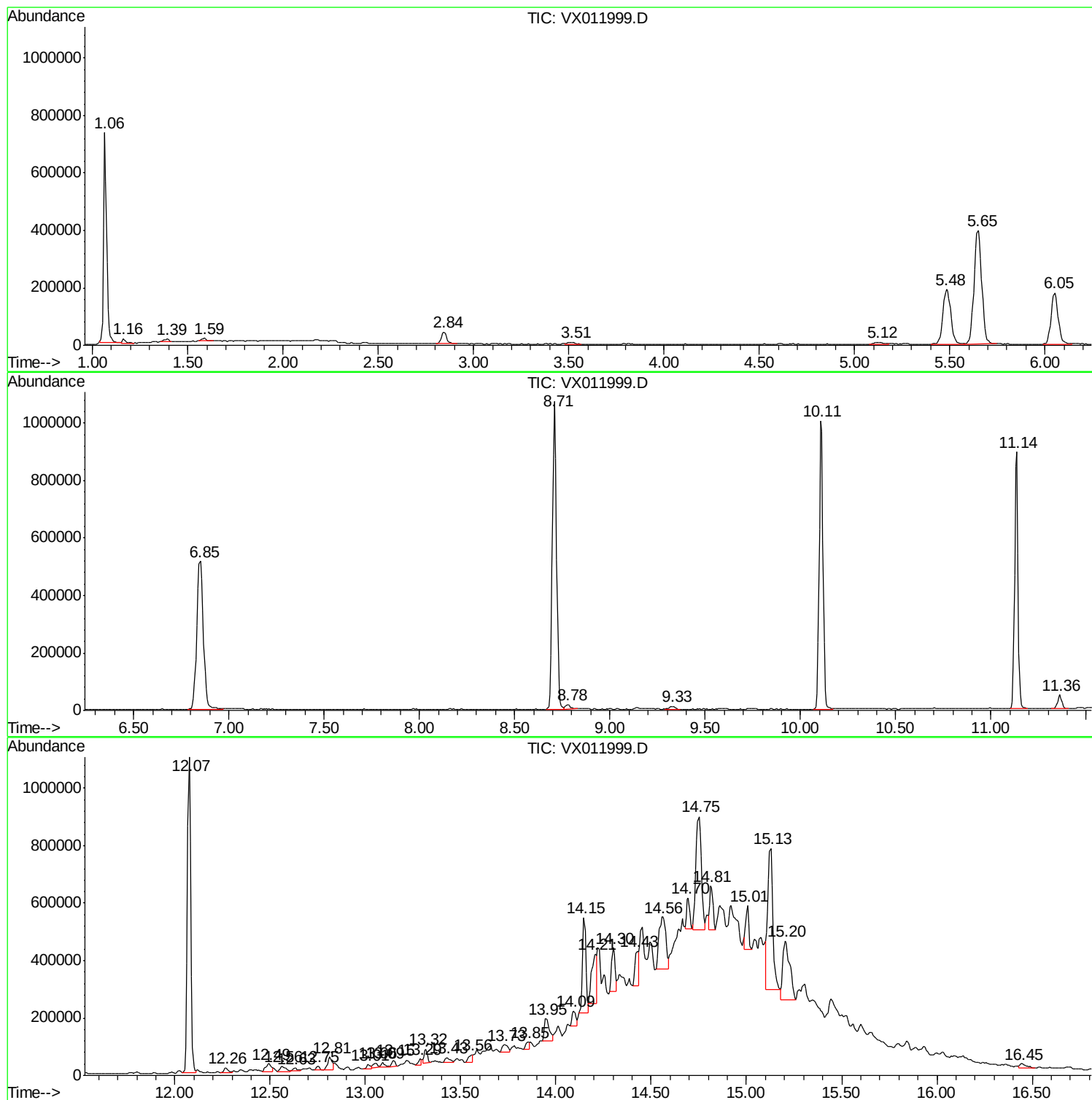
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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



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MSVOA_X
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T9-12-13-T3-(0)

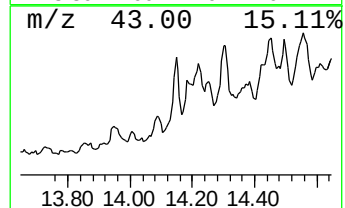
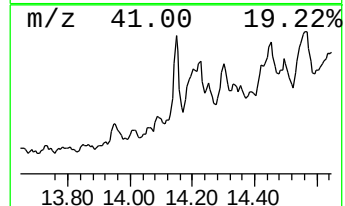
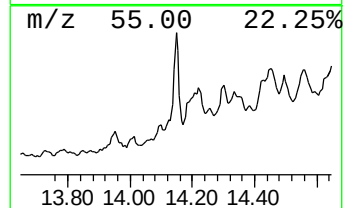
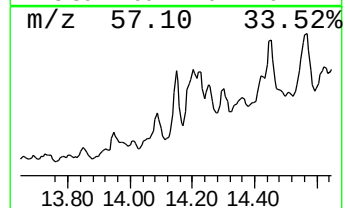
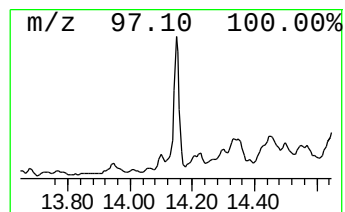
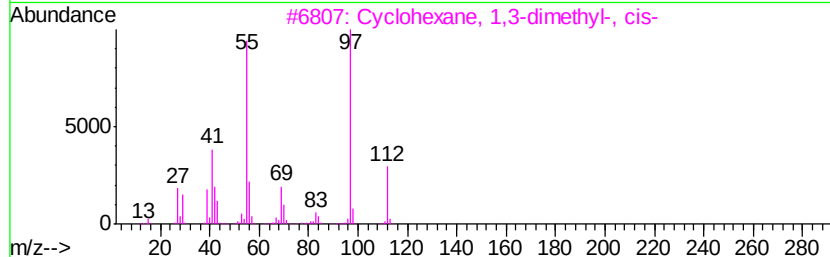
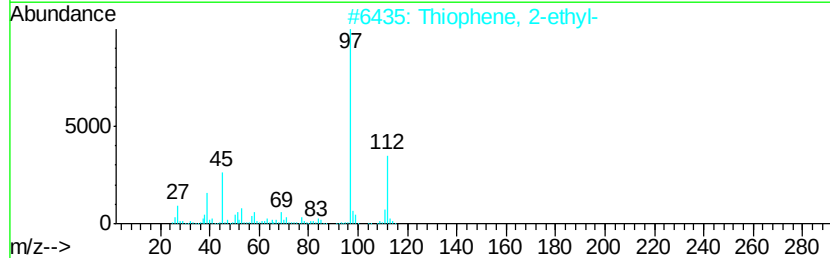
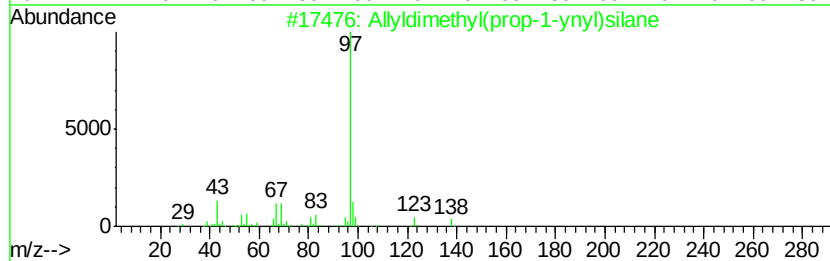
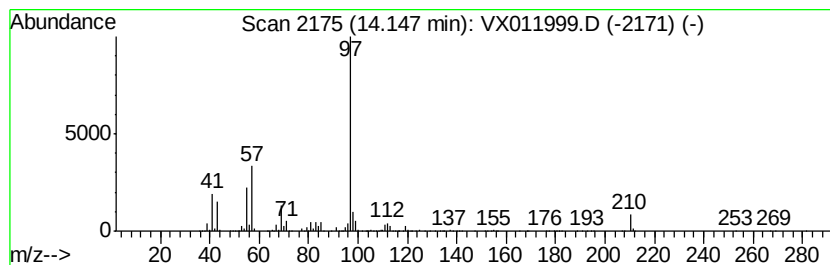
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 2 Allyldimethyl(prop-1-ynyl)s... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	15.24 ug/l	413894	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Allyldimethyl(prop-1-ynyl)silane	138	C8H14Si	1000281-75-1	64
2		Thiophene, 2-ethyl-	112	C6H8S	000872-55-9	64
3		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	59
4		2-Thiopheneacetic acid, 2-butyl ...	198	C10H14O2S	1000278-92-0	50
5		Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	50



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 Misc : 2.99g/5.0mL/MSVOA X/SOIL
 ALS Vial : 14 Sample Multiplier: 1

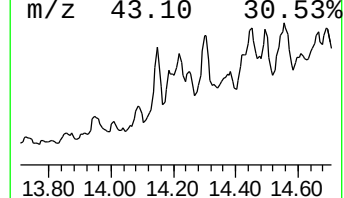
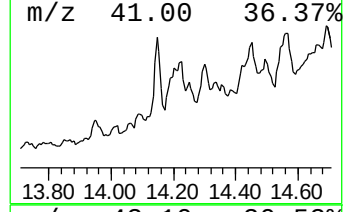
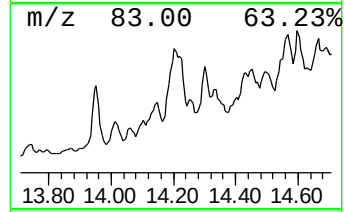
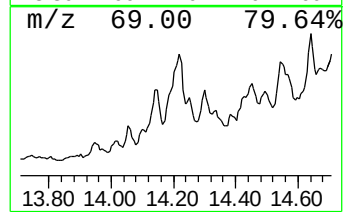
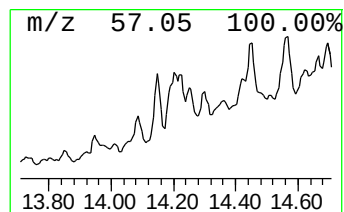
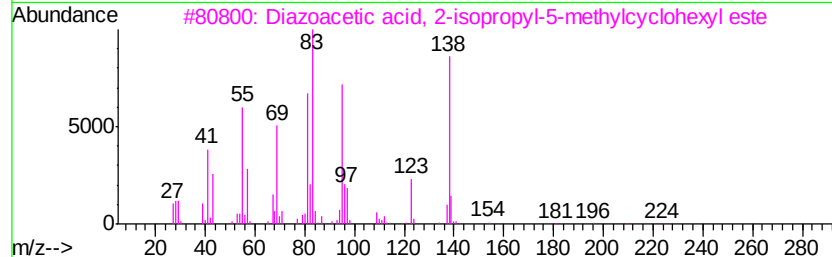
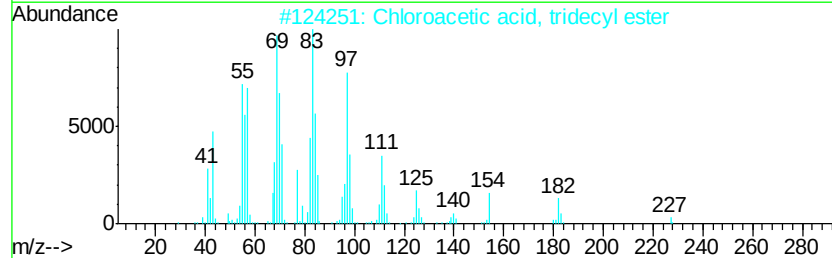
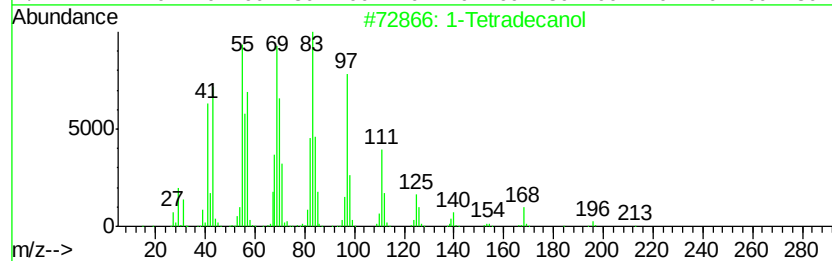
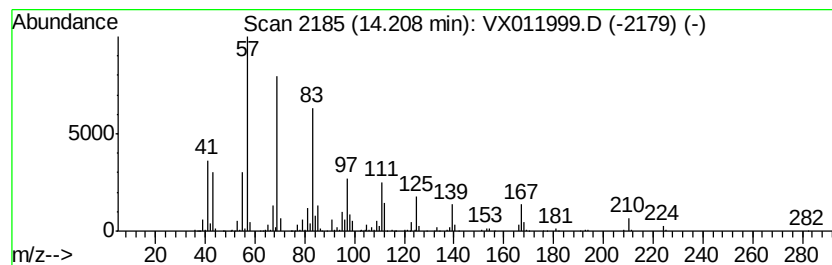
Instrument :
 MSVOA_X
 ClientSampled :
 T9-12-13-T3-(0)

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 3 1-Tetradecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	12.41 ug/l	337182	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Tetradecanol	214 C14H30O	000112-72-1	64
2	Chloroacetic acid, tridecyl ester	276 C15H29ClO2	018277-85-5	50
3	Diazoacetic acid, 2-isopropyl-5-...	224 C12H20N2O2	1000188-20-3	47
4	2-Pentene-1,4-dione, 1-(1,2,2-tr...	208 C13H20O2	1000196-77-9	46
5	8-Octadecenal	266 C18H34O	056554-94-0	38



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Misc : 2.99g/5.0mL/MSVOA X/SOIL
ALS Vial : 14 Sample Multiplier: 1

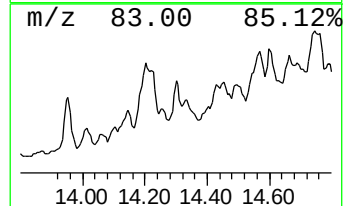
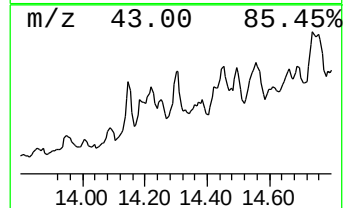
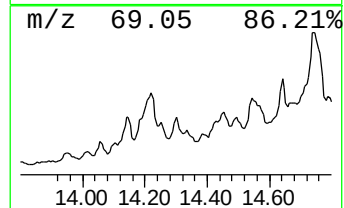
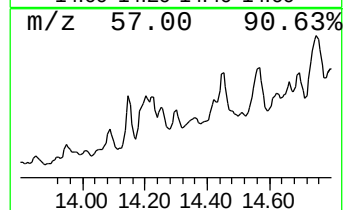
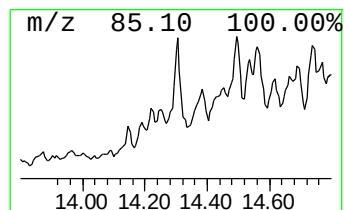
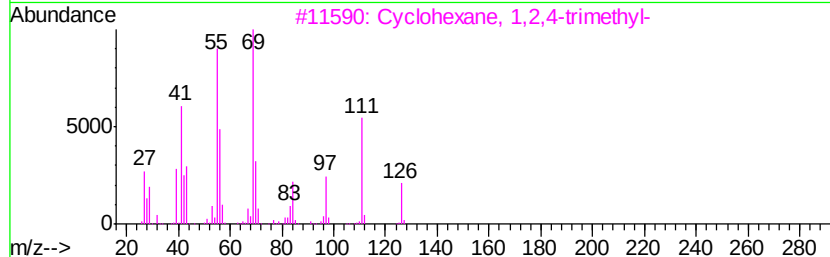
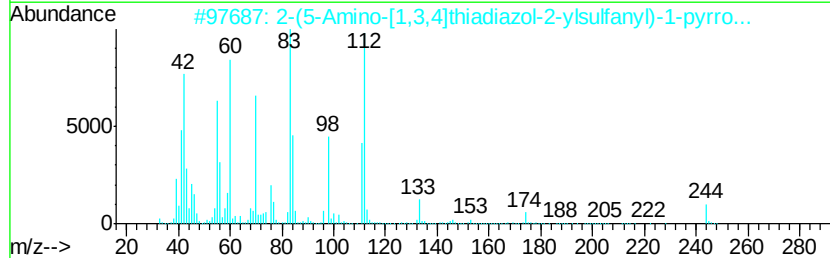
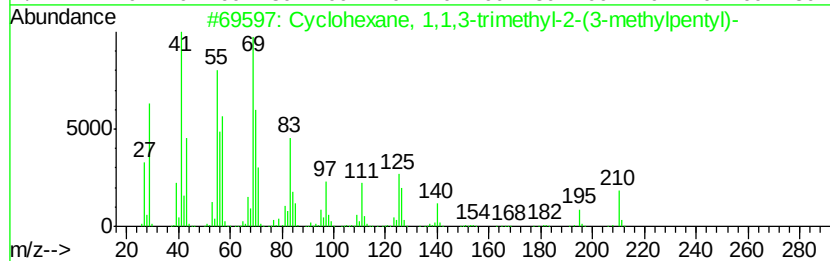
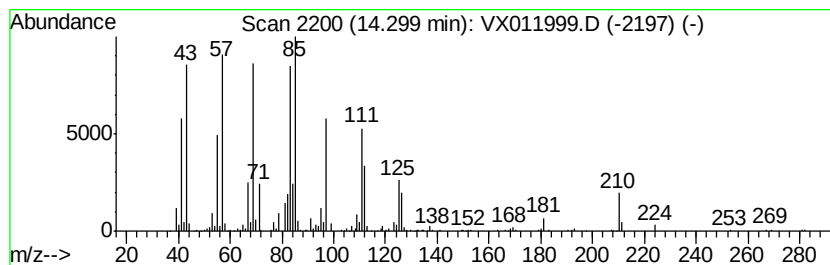
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 4 unknown14.30 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	7.30 ug/l	198304	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,3-trimethyl-2-(...	210 C15H30	054965-05-8 38
2		2-(5-Amino-[1,3,4]thiadiazol-2-y...	244 C8H12N4OS2	1000296-53-5 38
3		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 35
4		Cyclohexane, 1,1,2-trimethyl-	126 C9H18	007094-26-0 30
5		Titanium tetrachloride	188 Cl4Ti	007550-45-0 25



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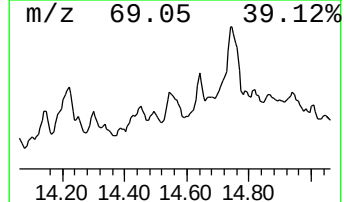
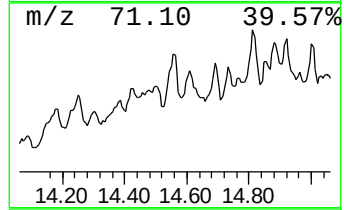
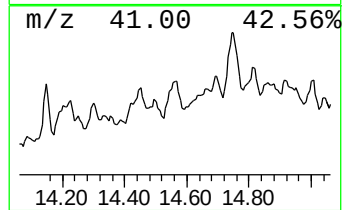
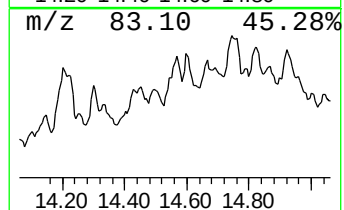
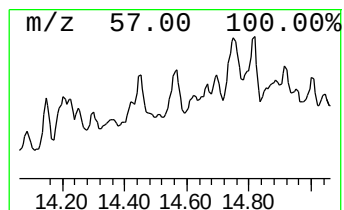
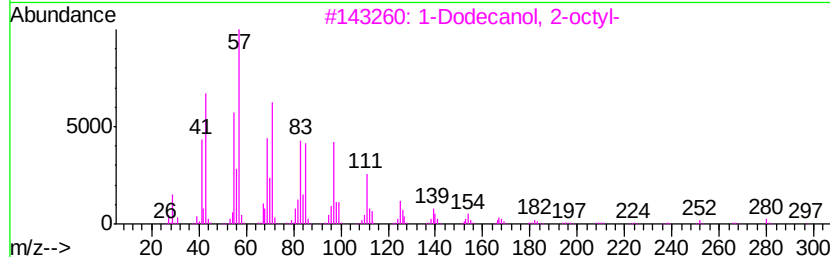
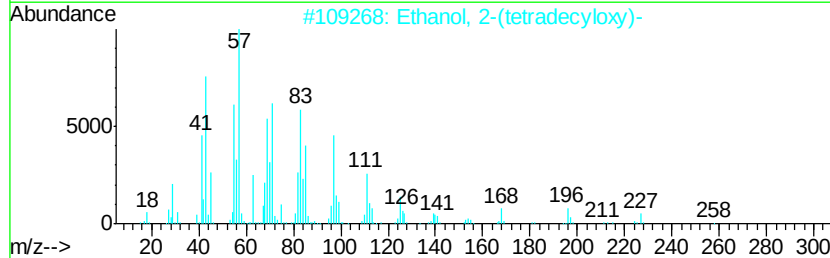
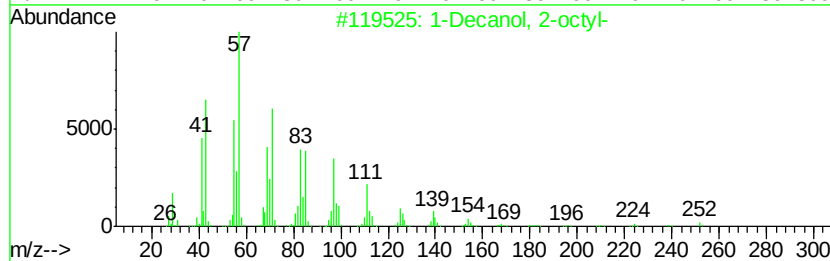
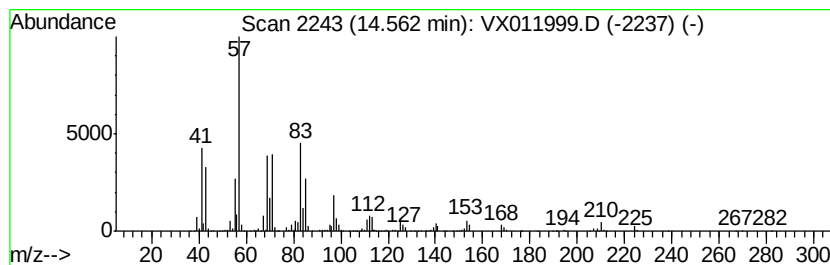
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Decanol, 2-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.56	16.88 ug/l	458408	1,4-Dichlorobenzene-d4	12.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	80
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	78
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	72
4	Benzene, 1-(dodecyloxy)-2-nitro-	307	C18H29NO3	083027-71-8	72
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	64



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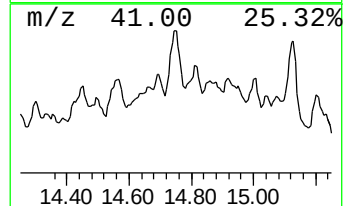
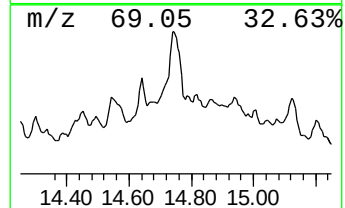
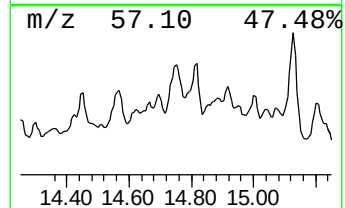
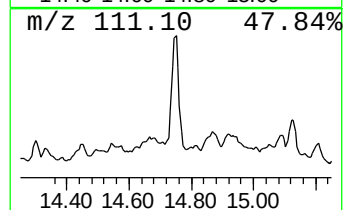
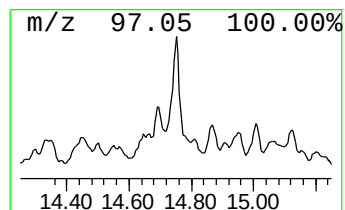
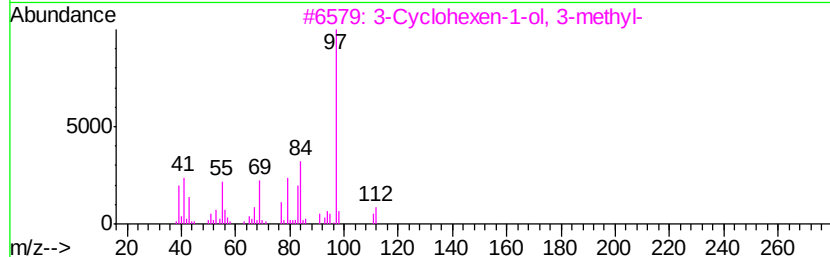
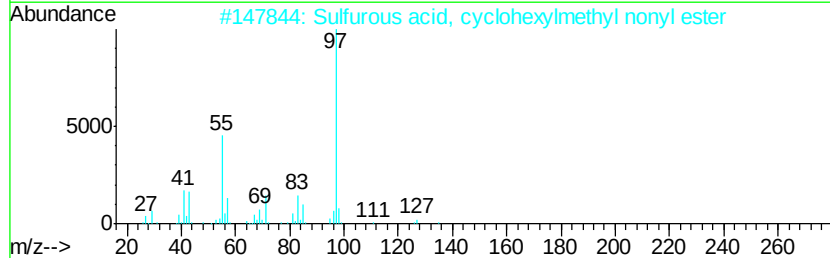
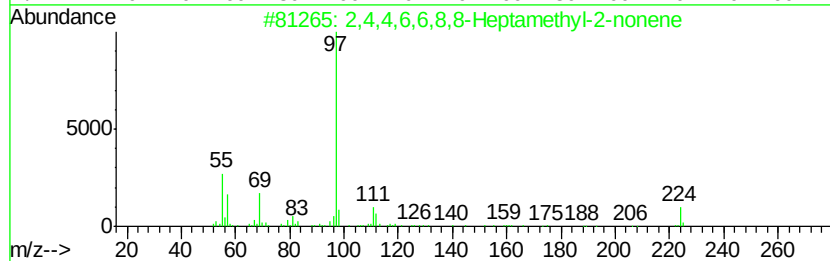
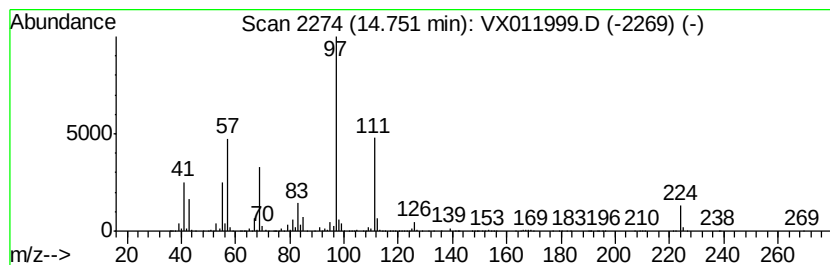
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MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

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 unknown14.75 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	29.30 ug/l	795924	1,4-Dichlorobenzene-d4	12.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,4,4,6,6,8,8-Heptamethyl-2-nonene	224 C16H32	039761-73-4	49
2	Sulfurous acid, cyclohexylmethyl...	304 C16H32O3S	1000309-21-8	47
3	3-Cyclohexen-1-ol, 3-methyl-	112 C7H12O	053783-91-8	47
4	2-Thiopheneacetic acid, tridec-2...	320 C19H28O2S	1000299-39-1	47
5	Cyclohexanone, 3-(3,3-dimethylbu...	182 C12H22O	040564-94-1	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX011999.D
Acq On : 01 Sep 2019 18:27
Operator : SY/SP
Sample : K4529-02
Misc : 2.99g/5.0mL/MSVOA X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

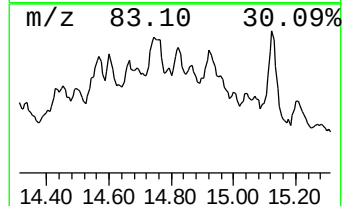
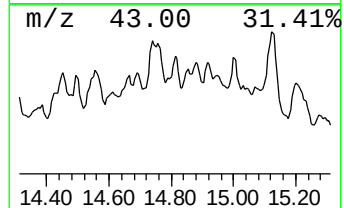
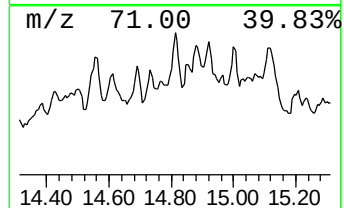
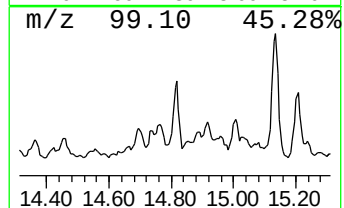
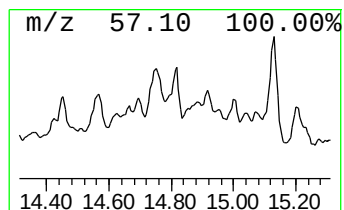
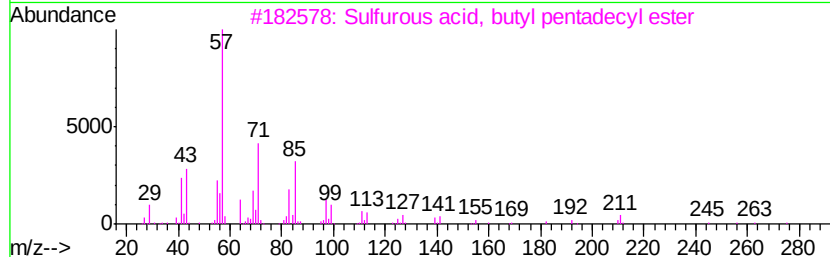
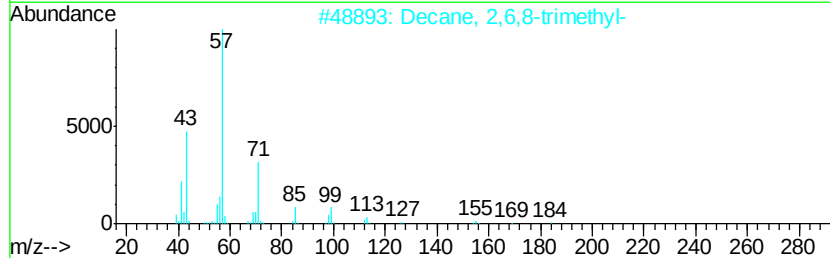
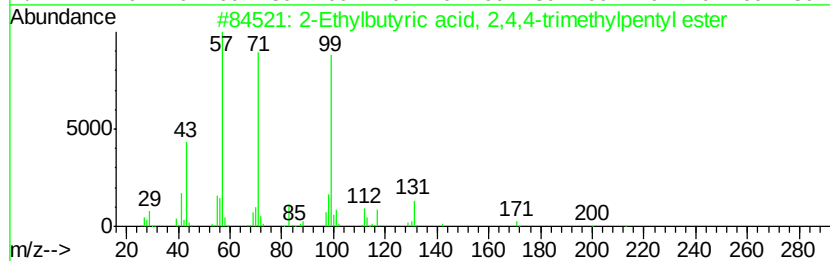
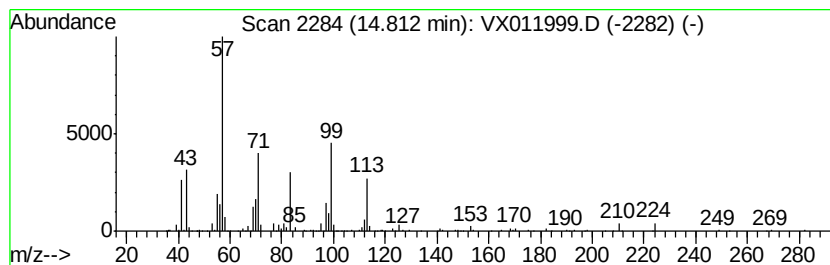
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.81 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.69 ug/l	181845	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Ethylbutyric acid, 2,4,4-trime...	228	C14H28O2	1000369-49-3	47
2		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	43
3		Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	38
4		Diethylmalonic acid, monochlorid...	290	C15H27ClO3	1000369-49-2	38
5		Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX011999.D
Acq On : 01 Sep 2019 18:27
Operator : SY/SP
Sample : K4529-02
Misc : 2.99g/5.0mL/MSVOA X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

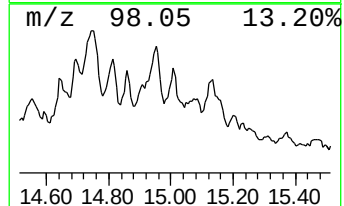
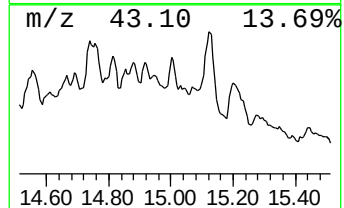
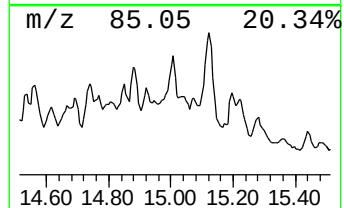
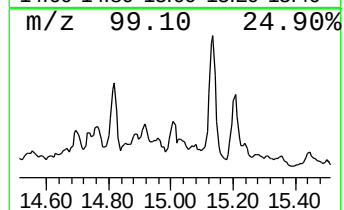
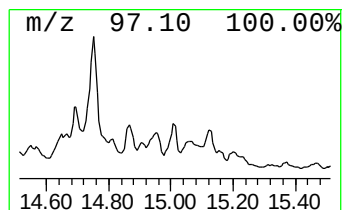
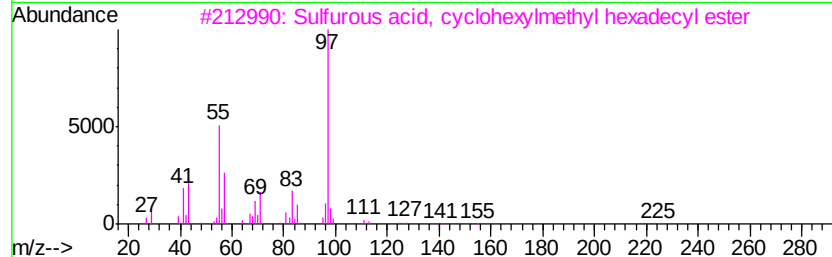
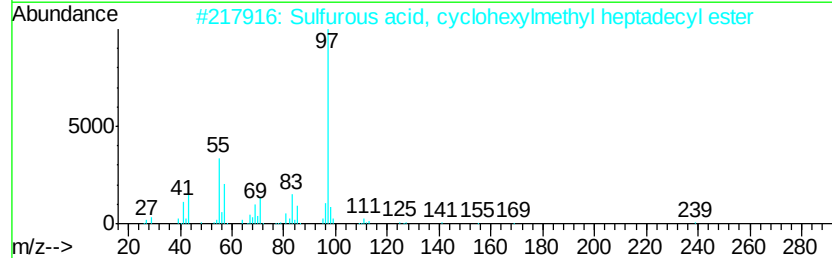
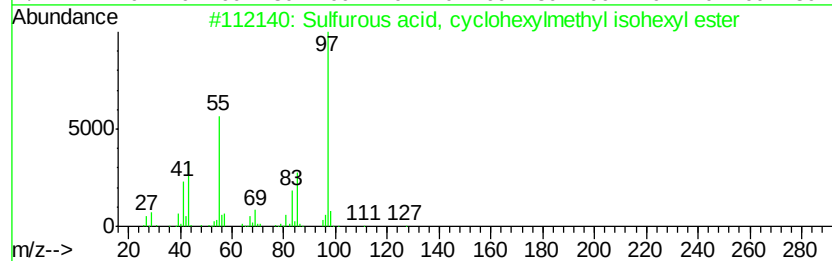
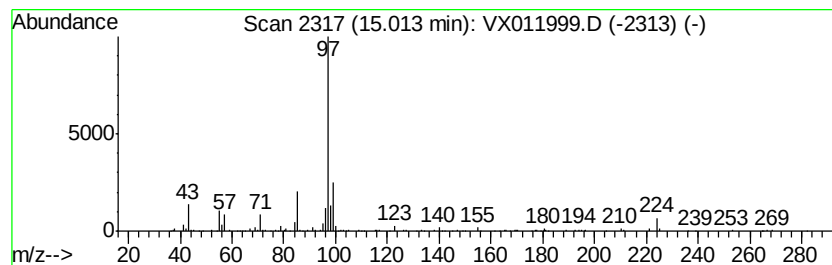
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Quant Title : SW846 8260

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

Peak Number 8 Sulfurous acid, cyclohexylm... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	6.21 ug/l	168573	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	53
2		Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	53
3		Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53
4		Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	42
5		1-Heptacosanol	396	C27H56O	002004-39-9	27



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX011999.D
Acq On : 01 Sep 2019 18:27
Operator : SY/SP
Sample : K4529-02
Misc : 2.99g/5.0mL/MSVOA X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
T9-12-13-T3-(0)

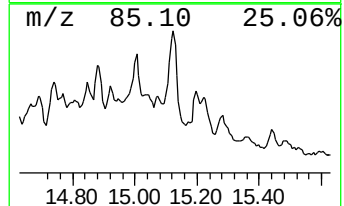
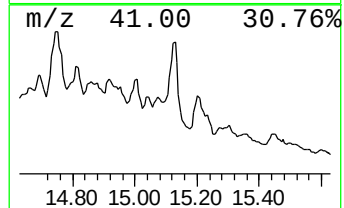
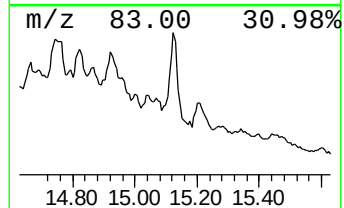
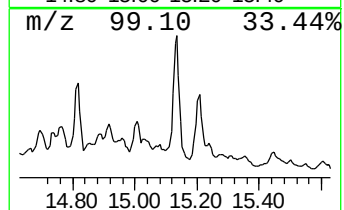
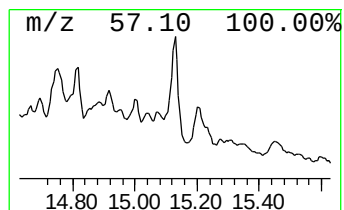
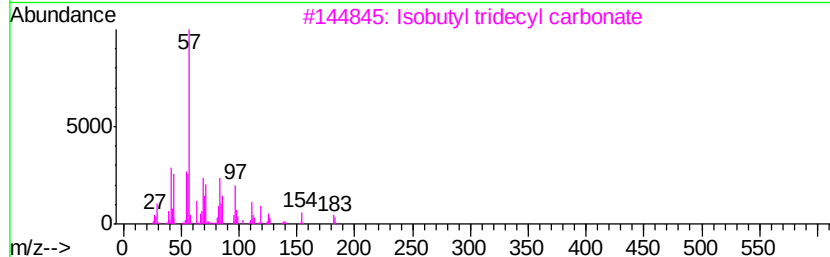
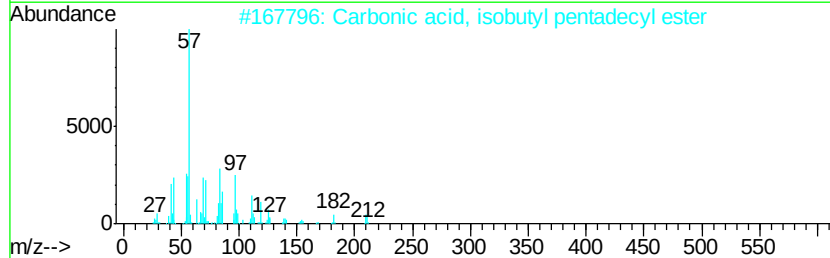
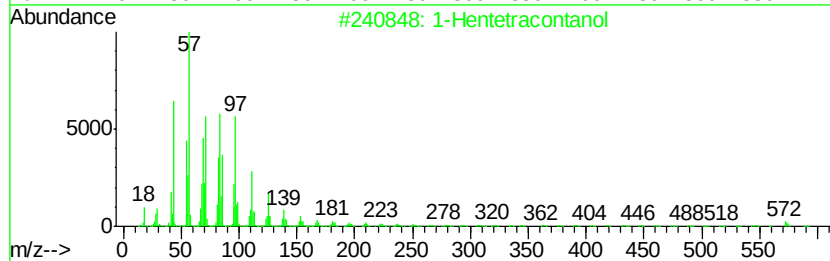
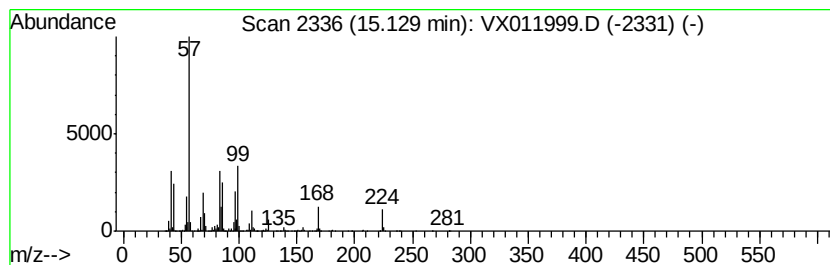
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.13 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	35.35 ug/l	960263	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hentetracontanol	593	C41H84O	040710-42-7	42
2		Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	40
3		Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	40
4		2,2-Dimethylpropanoic acid, unde...	254	C16H30O2	1000299-33-7	38
5		2,2-Dimethylnon-5-en-3-one	168	C11H20O	1000191-19-4	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090119\
Data File : VX011999.D
Acq On : 01 Sep 2019 18:27
Operator : SY/SP
Sample : K4529-02
Misc : 2.99g/5.0mL/MSVOA X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

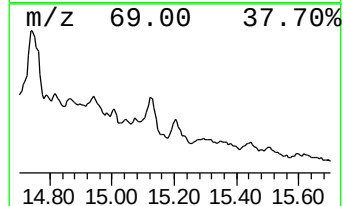
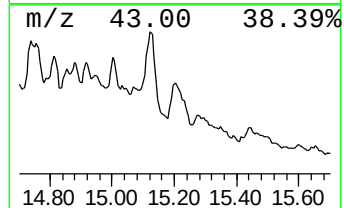
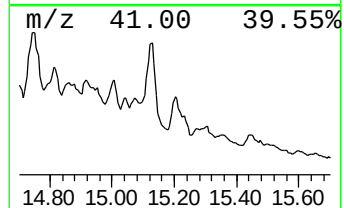
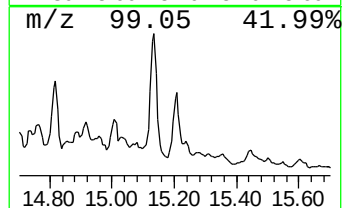
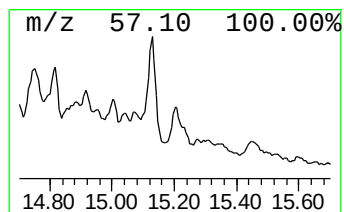
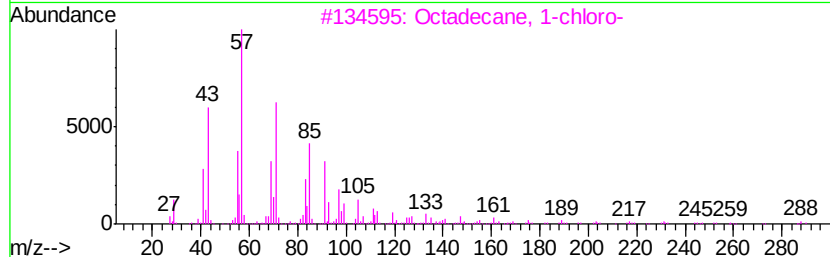
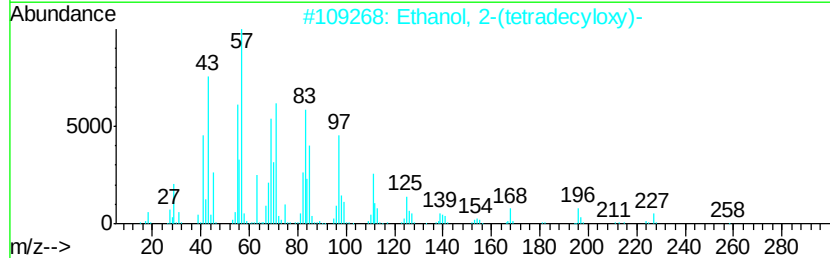
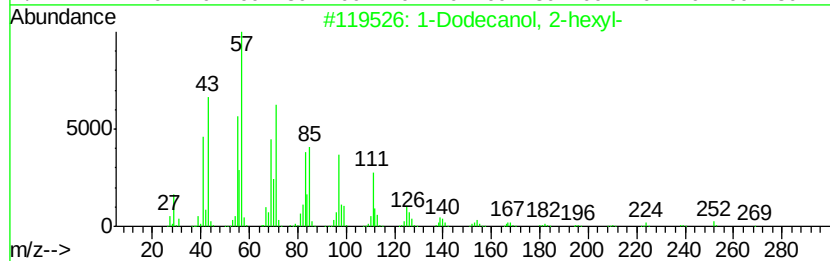
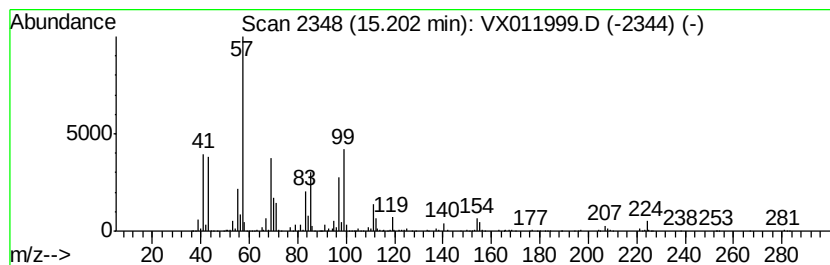
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260

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

Peak Number 10 unknown15.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	18.97 ug/l	515367	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	47
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	37
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	37
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	35
5		Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	35



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090119\
Data File : VX011999.D
Acq On : 01 Sep 2019 18:27
Operator : SY/SP
Sample : K4529-02
Misc : 2.99g/5.0mL/MSVOA_X/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-T3-(0)

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
Allyldimethyl(pro...	14.15	15.2	ug/l	413894	4	12.07	1358230	50.0
1-Tetradecanol	14.21	12.4	ug/l	337182	4	12.07	1358230	50.0
unknown14.30	14.30	7.3	ug/l	198304	4	12.07	1358230	50.0
1-Decanol, 2-octyl-	14.56	16.9	ug/l	458408	4	12.07	1358230	50.0
unknown14.75	14.75	29.3	ug/l	795924	4	12.07	1358230	50.0
unknown14.81	14.81	6.7	ug/l	181845	4	12.07	1358230	50.0
Sulfurous acid, c...	15.01	6.2	ug/l	168573	4	12.07	1358230	50.0
unknown15.13	15.13	35.4	ug/l	960263	4	12.07	1358230	50.0
unknown15.20	15.20	19.0	ug/l	515367	4	12.07	1358230	50.0