

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012509.D
 Acq On : 02 Sep 2019 19:37
 Operator : SY/VA
 Sample : K4529-07
 Misc : 4.12G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 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_W\METHOD\82W082319S.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	2.148	35	40	44	rBV	10359	18464	1.50%	0.194%
2	3.672	282	290	299	rBV2	6904	17384	1.41%	0.183%
3	4.141	354	367	380	rBV	25016	82292	6.69%	0.866%
4	4.909	481	493	508	rBV2	58841	214633	17.45%	2.258%
5	5.934	650	661	672	rBV2	25585	78744	6.40%	0.828%
6	7.884	971	981	985	rBV	150841	348039	28.29%	3.661%
7	7.945	985	991	1002	rVB	289680	652818	53.07%	6.866%
8	8.305	1041	1050	1060	rBV	164605	367311	29.86%	3.863%
9	8.842	1129	1138	1147	rBV	441675	885980	72.03%	9.319%
10	10.323	1374	1381	1388	rBV	659479	1173245	95.38%	12.340%
11	11.628	1589	1595	1603	rVB	524161	888695	72.25%	9.348%
12	12.615	1751	1757	1765	rVB2	402231	669203	54.40%	7.039%
13	13.554	1906	1911	1917	rVB	351655	577941	46.98%	6.079%
14	13.908	1964	1969	1974	rBV	140498	237331	19.29%	2.496%
15	13.975	1977	1980	1985	rVB3	51935	78824	6.41%	0.829%
16	14.066	1992	1995	2002	rVB3	41343	74739	6.08%	0.786%
17	14.493	2062	2065	2068	rBV3	51777	68077	5.53%	0.716%
18	14.651	2087	2091	2094	rBV	74918	109051	8.87%	1.147%
19	14.731	2100	2104	2109	rBV3	93233	159751	12.99%	1.680%
20	14.834	2116	2121	2125	rBV4	79458	179504	14.59%	1.888%
21	14.969	2139	2143	2146	rBV	95554	168974	13.74%	1.777%
22	15.401	2211	2214	2220	rVB2	195001	312611	25.41%	3.288%
23	15.462	2221	2224	2228	rVB4	110036	160310	13.03%	1.686%
24	15.621	2245	2250	2255	rBV	678030	1230086	100.00%	12.938%
25	15.688	2257	2261	2266	rVV3	381742	753285	61.24%	7.923%

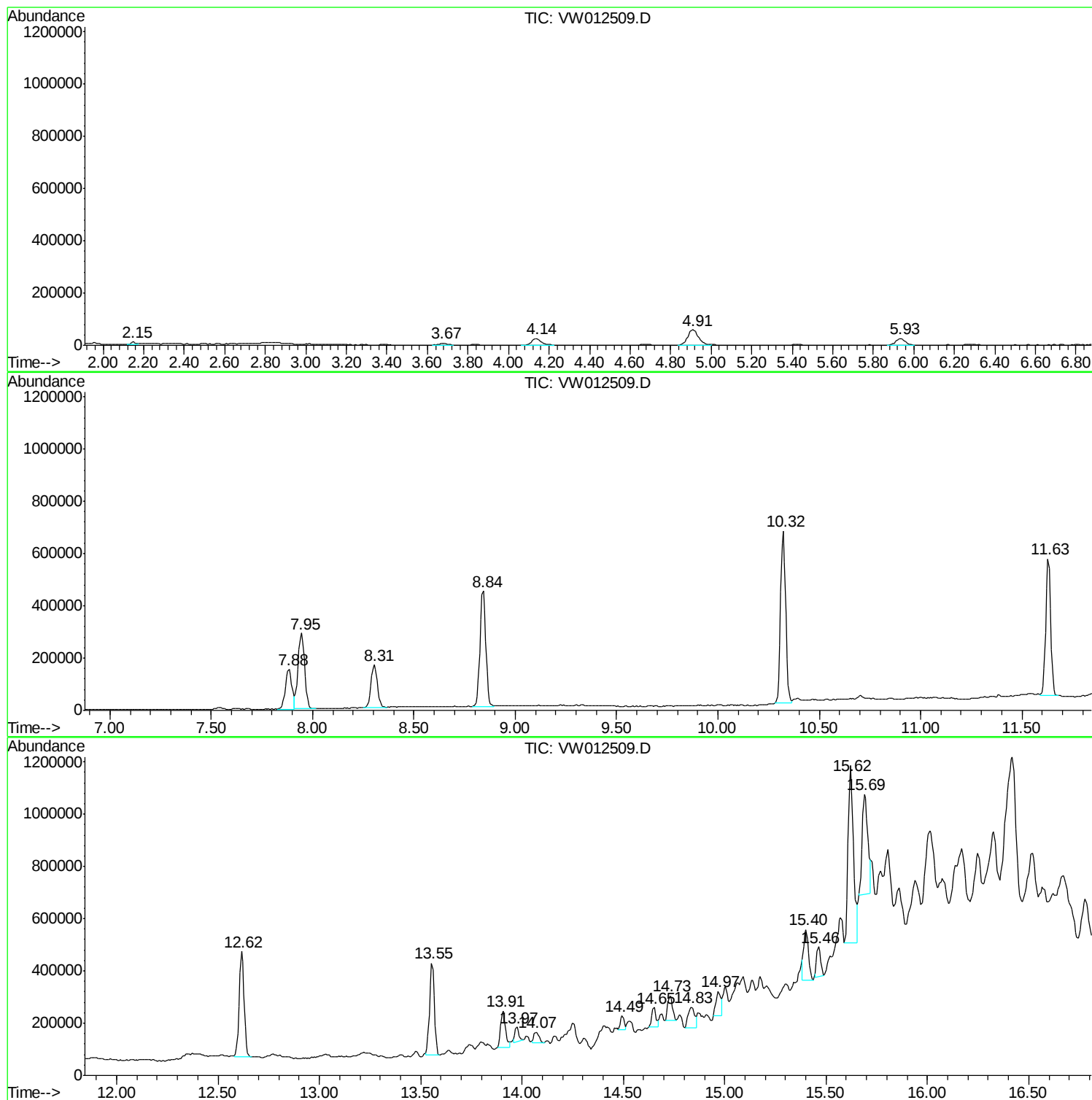
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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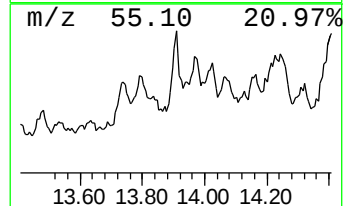
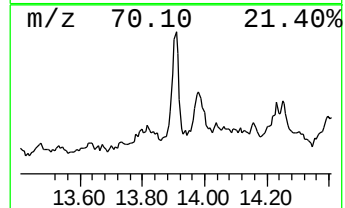
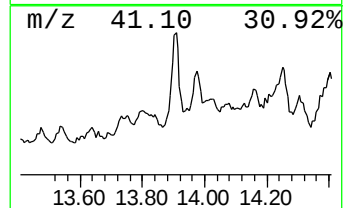
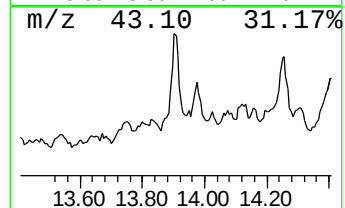
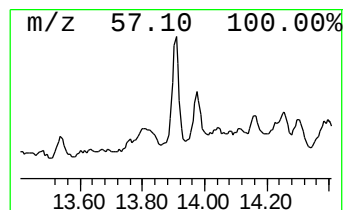
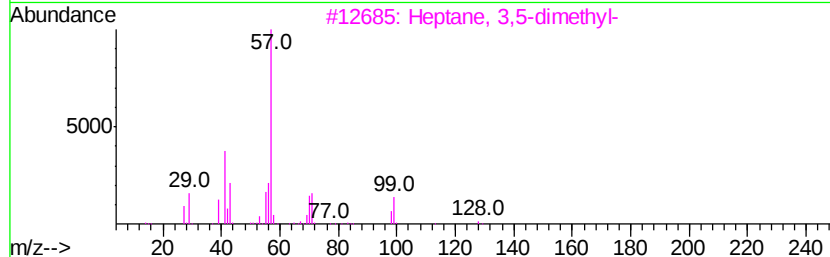
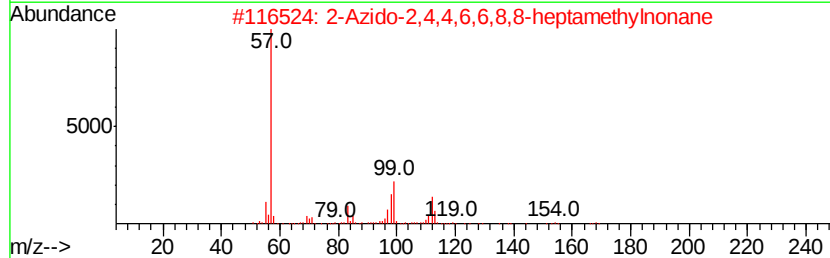
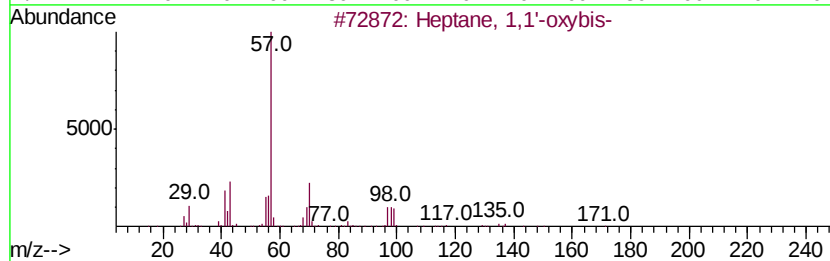
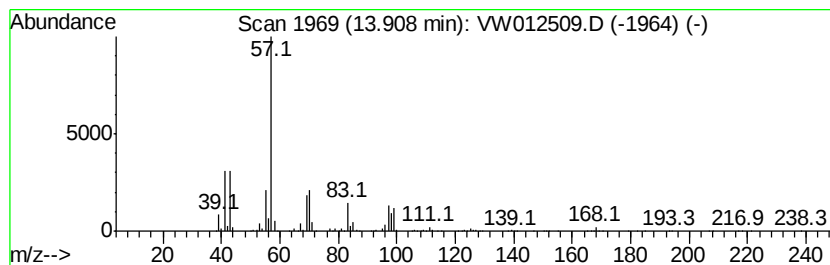
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-T4-(1.9)

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Quant Title : SW846 8260

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

Peak Number 1 Heptane, 1,1'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	20.53 ug/l	237331	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1 50
2		2-Azido-2,4,4,6,6,8,8-heptamethyl...	267 C16H33N3	1000293-29-1 49
3		Heptane, 3,5-dimethyl-	128 C9H20	000926-82-9 47
4		Hexane, 1-(hexyloxy)-5-methyl-	200 C13H28O	074421-19-5 43
5		Pentafluoropropionic acid, tetra...	360 C17H29F5O2	006222-06-6 43



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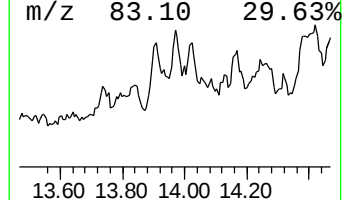
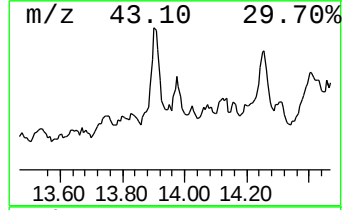
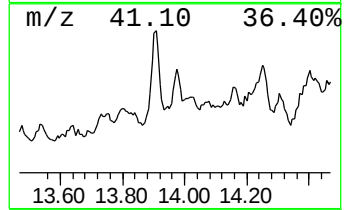
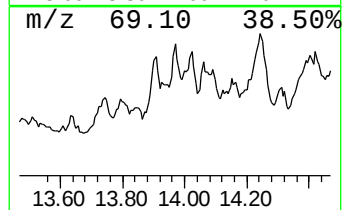
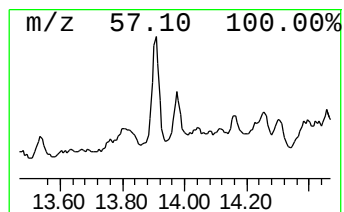
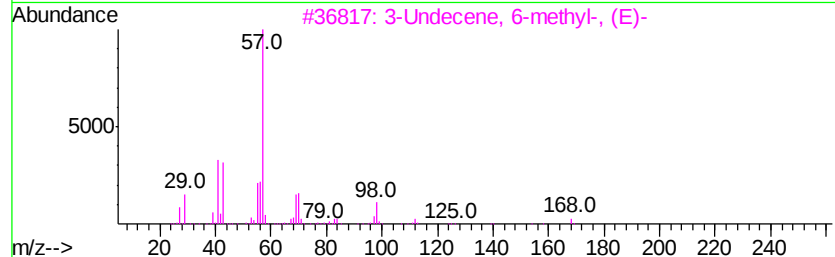
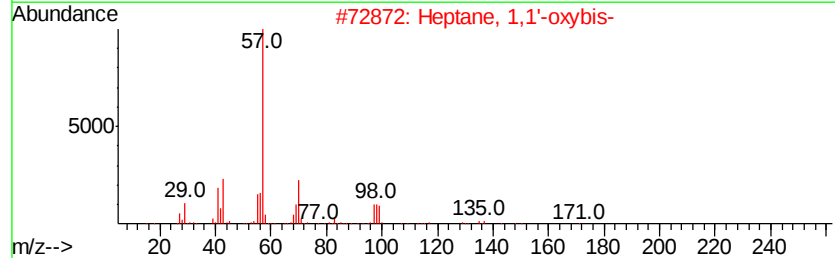
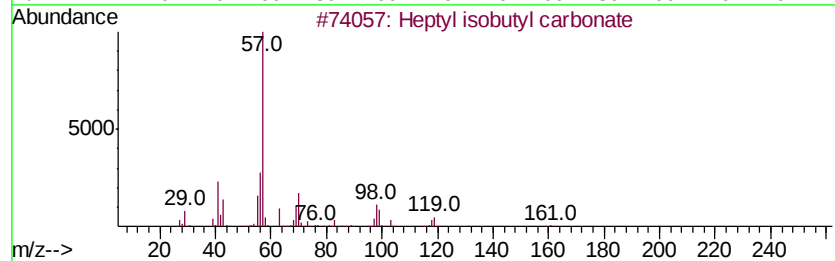
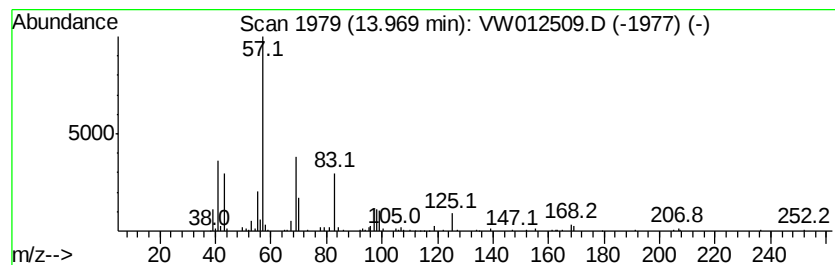
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MSVOA_W
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Peak Number 2 Heptyl isobutyl carbonate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	6.82 ug/l	78824	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Heptyl isobutyl carbonate	216 C12H24O3	959068-08-7 56
2		Heptane, 1,1'-oxybis-	214 C14H30O	000629-64-1 50
3		3-Undecene, 6-methyl-, (E)-	168 C12H24	074630-52-7 42
4		2-Azido-2,4,4,6,6,8,8-heptamethy...	267 C16H33N3	1000293-29-1 38
5		2,2-Dimethyl-3-pentanol, heptafl...	312 C11H15F7O2	1000364-14-4 35



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Instrument :
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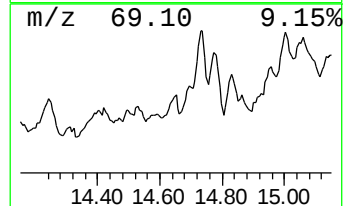
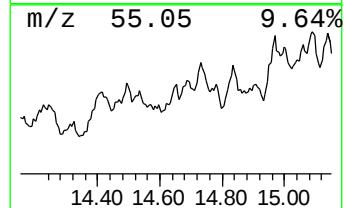
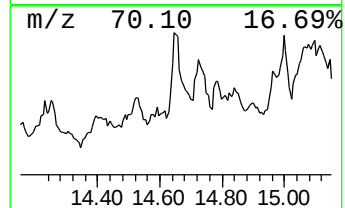
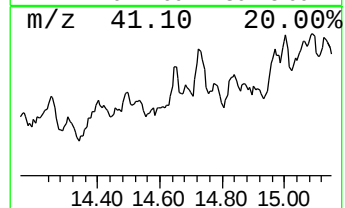
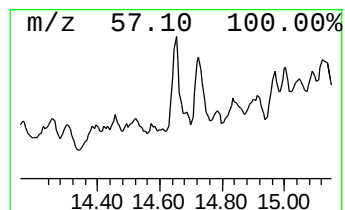
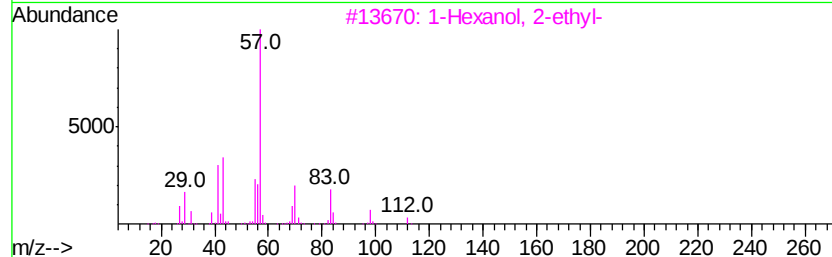
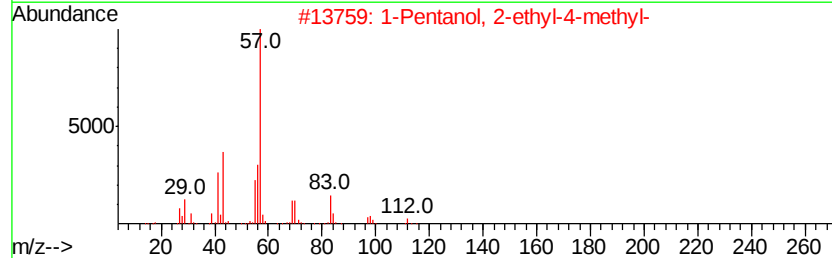
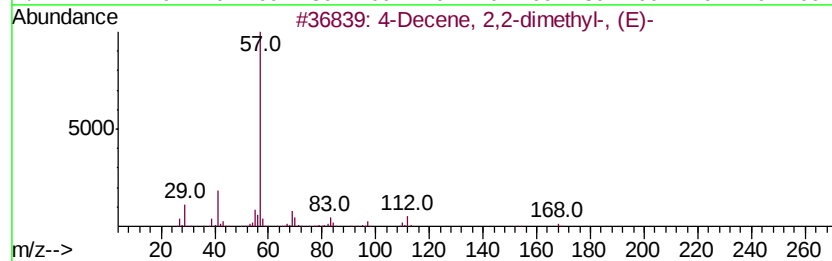
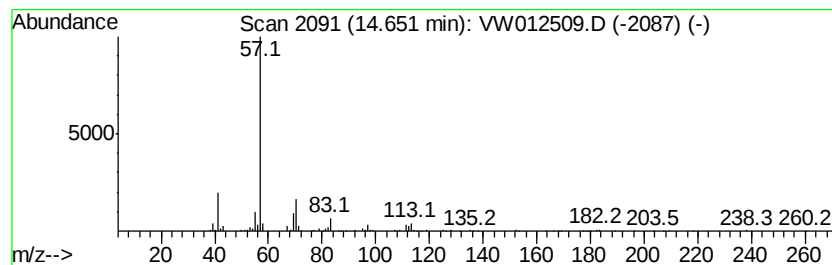
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Quant Title : SW846 8260

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

Peak Number 3 unknown14.65 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	9.43 ug/l	109051	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055534-69-5	38		
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	38		
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	36		
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	25		
5	2-Hexene, 3,5,5-trimethyl-	126	C9H18	026456-76-8	25		



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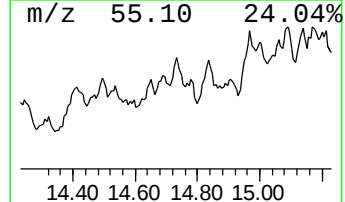
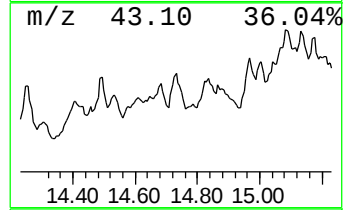
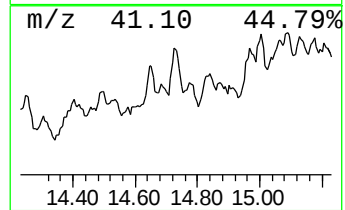
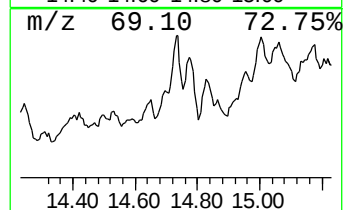
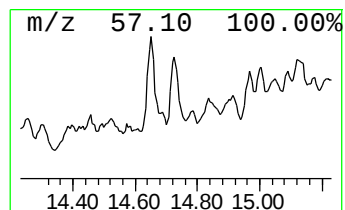
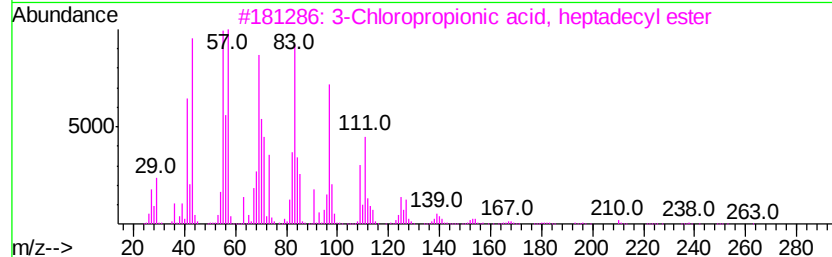
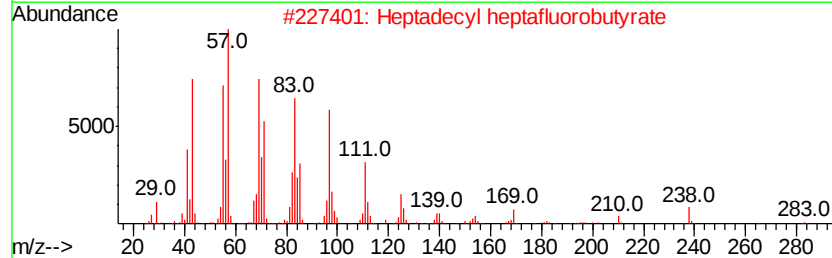
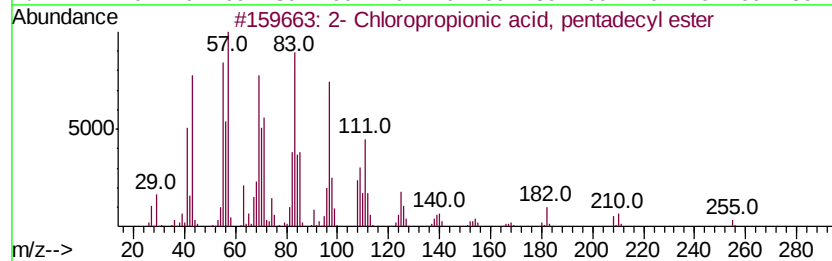
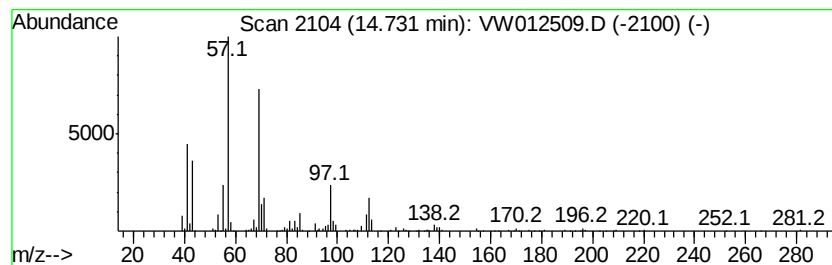
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Peak Number 4 2- Chloropropionic acid, pe... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.73	13.82 ug/l	159751	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	52
2	Heptadecyl	heptafluorobutyrate	452	C21H35F7O2	959085-66-6	50
3	3-Chloropropionic acid, heptadec...		346	C20H39ClO2	1000283-05-1	50
4	3-Eicosene, (E)-		280	C20H40	074685-33-9	47
5	1-Pentene, 2,4,4-trimethyl-		112	C8H16	000107-39-1	43



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Instrument :
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ClientSampled :
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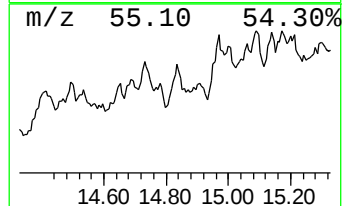
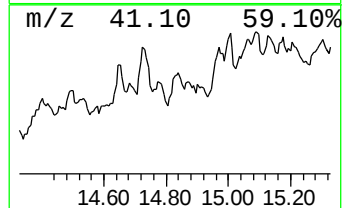
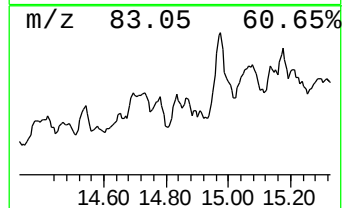
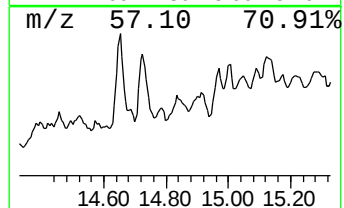
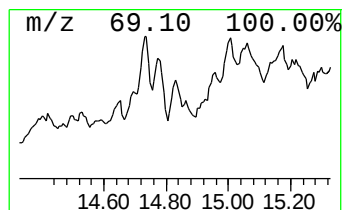
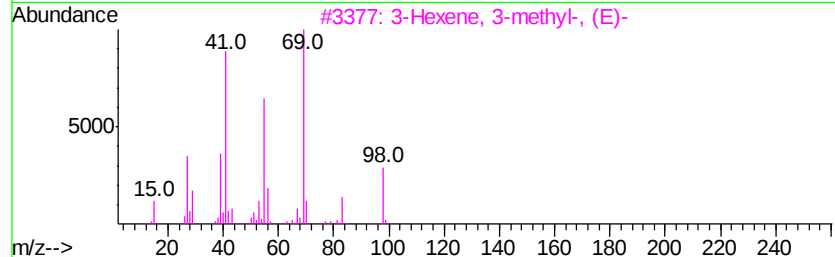
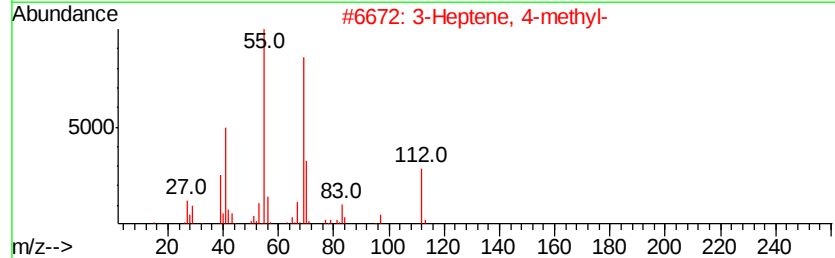
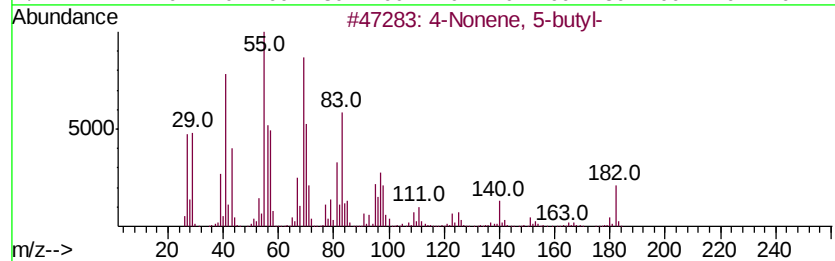
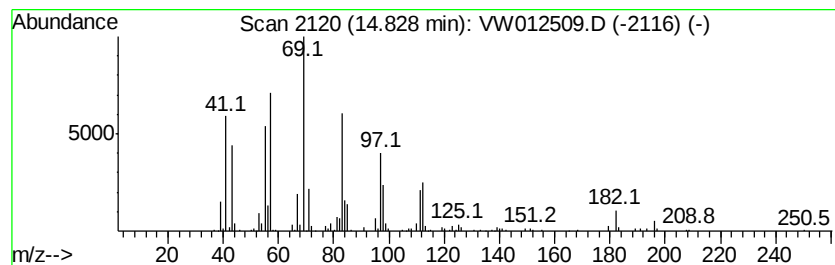
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TIC Integration Parameters: LSCINT.P

Peak Number 5 4-Nonene, 5-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	15.53 ug/l	179504	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	74
2		3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38
3		3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	38
4		4-Methyl-2-hexene, c&t	98	C7H14	003404-55-5	35
5		Crotyl methacrylate	140	C8H12O2	007376-45-6	35



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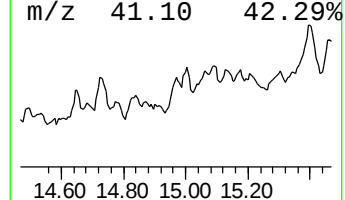
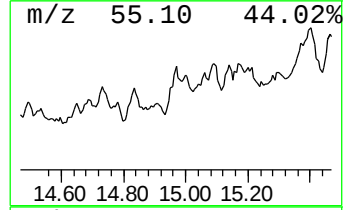
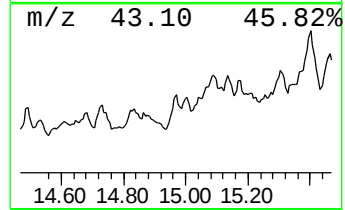
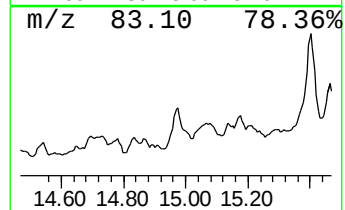
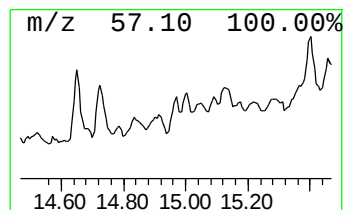
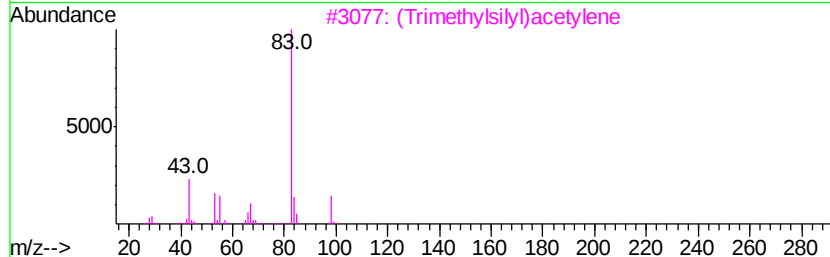
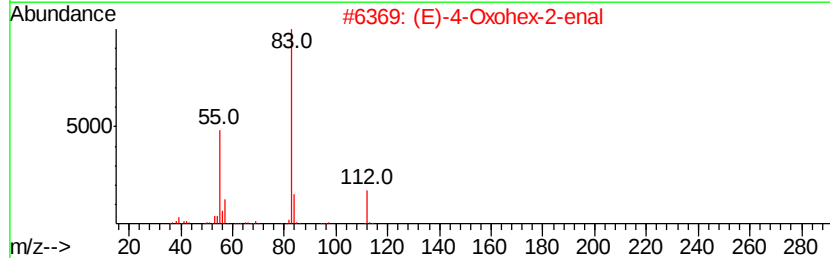
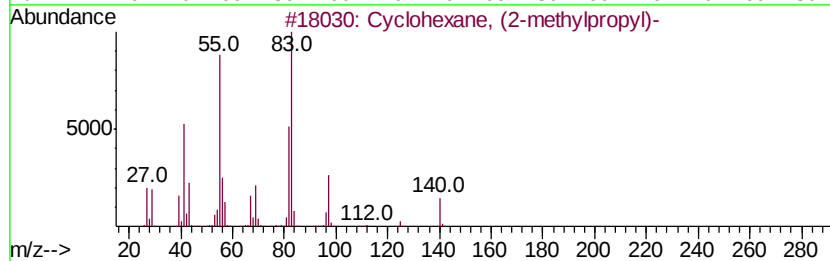
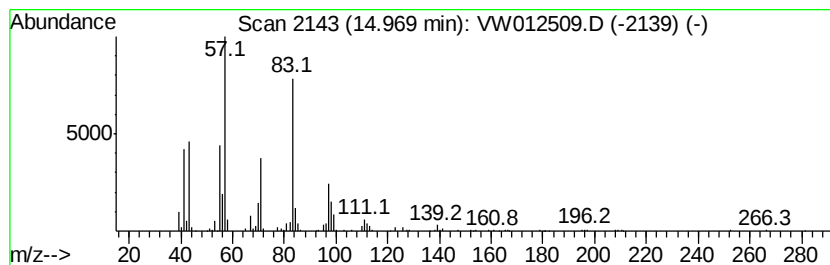
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-T4-(1.9)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.97 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.97	14.62 ug/l	168974	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
2	(E)-4-Oxohex-2-enal	112	C6H8O2	1000374-04-2	46
3	(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	43
4	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	43
5	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
Data File : VW012509.D
Acq On : 02 Sep 2019 19:37
Operator : SY/VA
Sample : K4529-07
Misc : 4.12G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

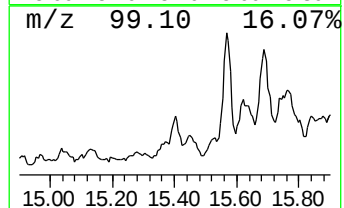
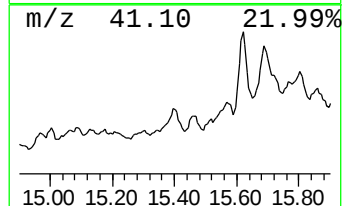
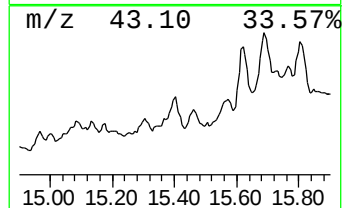
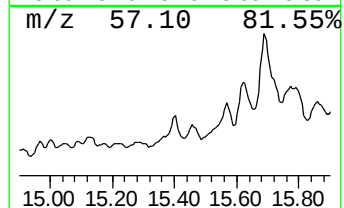
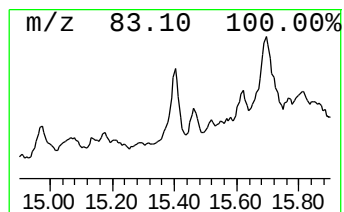
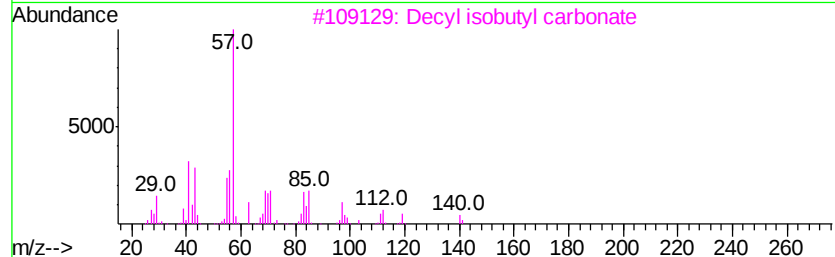
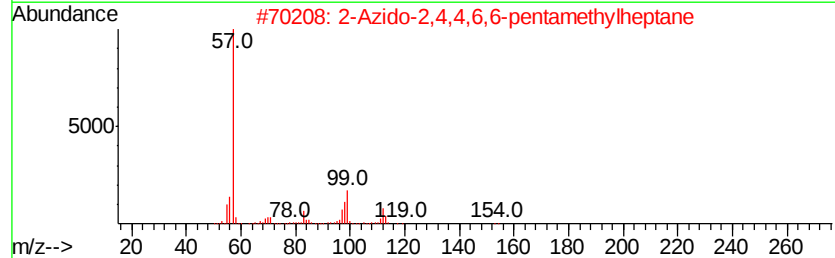
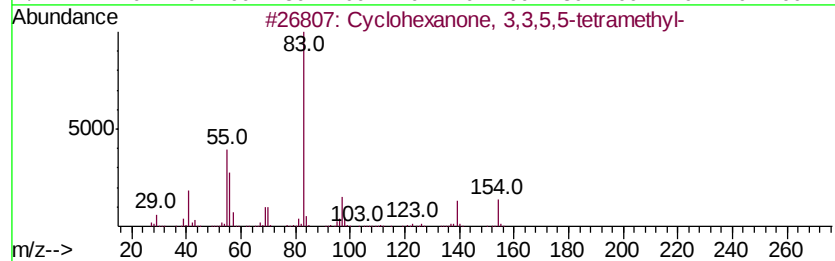
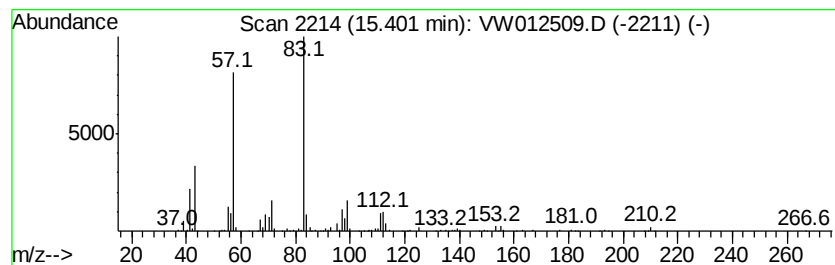
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Quant Title : SW846 8260

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

Peak Number 7 unknown15.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	27.05 ug/l	312611	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone, 3,3,5,5-tetramethyl-	154	C10H18O	014376-79-5	47
2		2-Azido-2,4,4,6,6-pentamethylheptane	211	C12H25N3	1000293-29-0	27
3		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	16
4		Carbonic acid, octadecyl 2,2,2-trimethyl-	444	C21H39Cl3O3	1000314-56-3	14
5		1-Hexanol, 2,2-dimethyl-	130	C8H18O	002370-13-0	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
Data File : VW012509.D
Acq On : 02 Sep 2019 19:37
Operator : SY/VA
Sample : K4529-07
Misc : 4.12G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

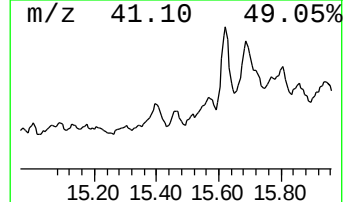
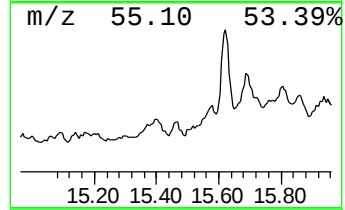
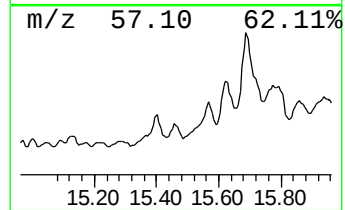
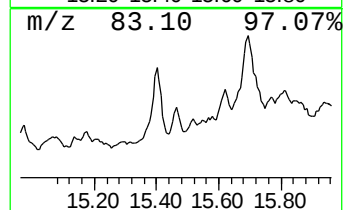
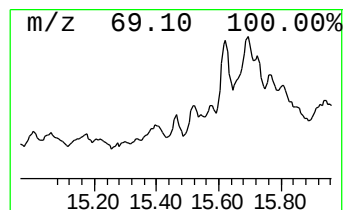
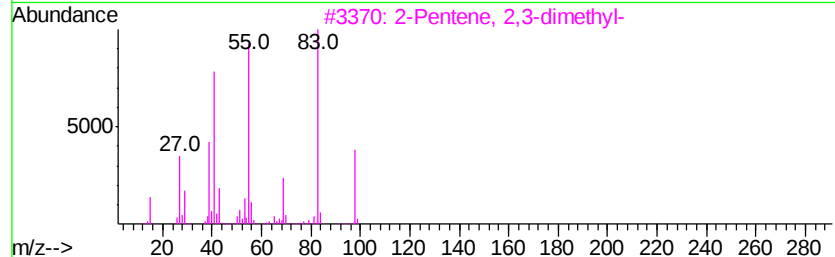
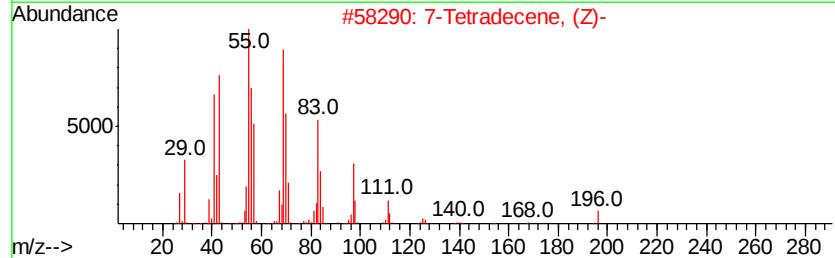
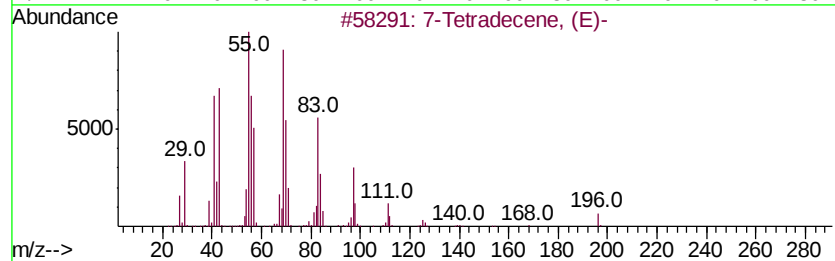
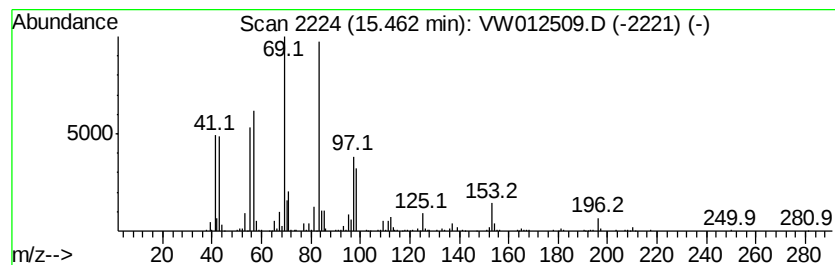
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-T4-(1.9)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 8 7-Tetradecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.46	13.87 ug/l	160310	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Tetradecene, (E)-	196	C14H28	041446-63-3	58
2		7-Tetradecene, (Z)-	196	C14H28	041446-60-0	58
3		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	30
4		2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	30
5		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
Data File : VW012509.D
Acq On : 02 Sep 2019 19:37
Operator : SY/VA
Sample : K4529-07
Misc : 4.12G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

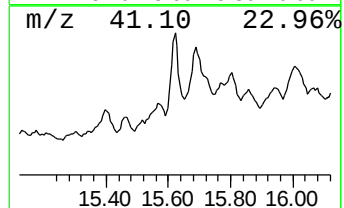
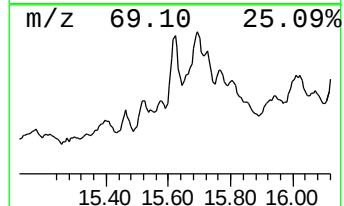
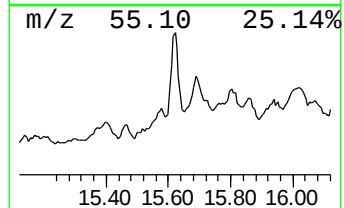
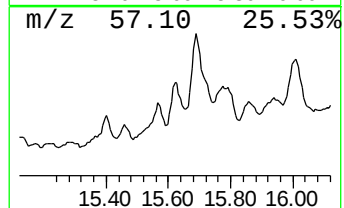
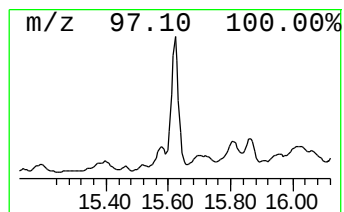
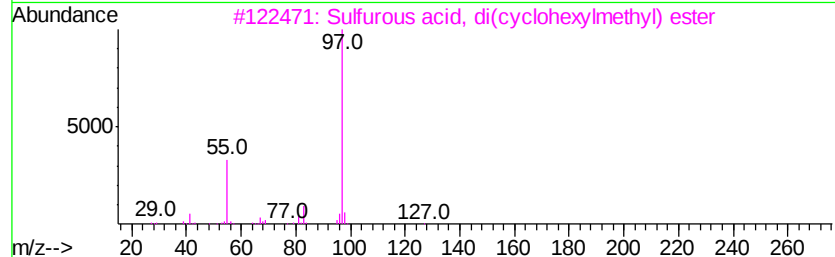
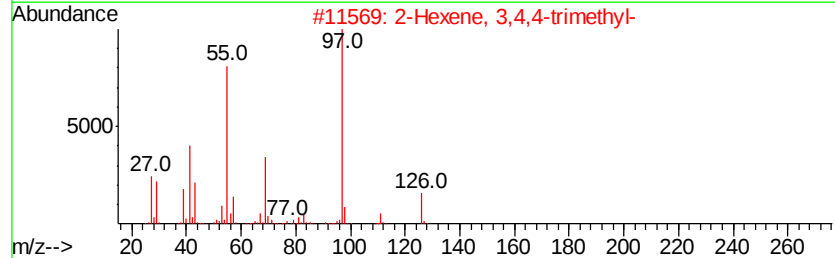
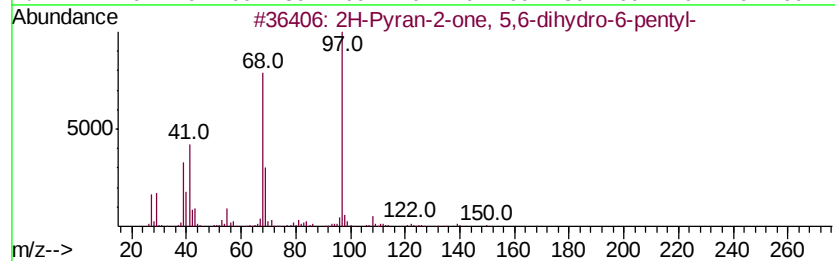
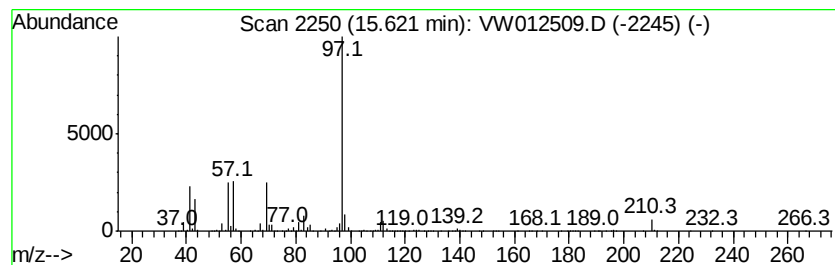
Instrument :
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ClientSampleId :
T9-12-13-T4-(1.9)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 9 2H-Pyran-2-one, 5,6-dihydro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	106.42 ug/l	1230090	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168 C10H16O2	054814-64-1	72
2	2-Hexene, 3,4,4-trimethyl-	126 C9H18	053941-19-8	64
3	Sulfurous acid, di(cyclohexylmet...	274 C14H26O3S	1000309-22-7	59
4	2-Pentene, 2,4,4-trimethyl-	112 C8H16	000107-40-4	59
5	3,5-Dimethyl-3-heptene	126 C9H18	059643-68-4	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
Data File : VW012509.D
Acq On : 02 Sep 2019 19:37
Operator : SY/VA
Sample : K4529-07
Misc : 4.12G/5ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

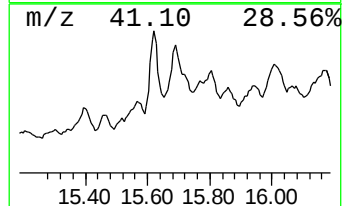
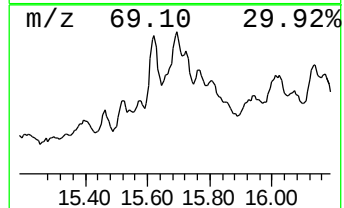
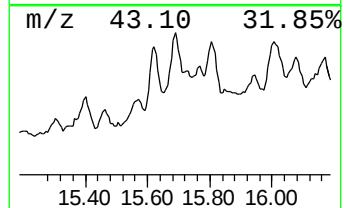
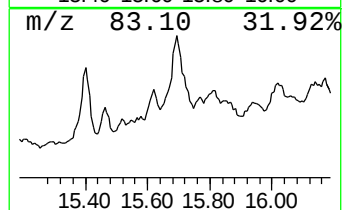
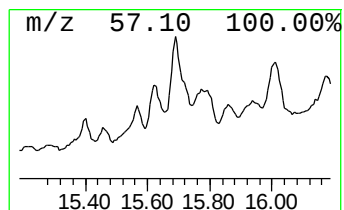
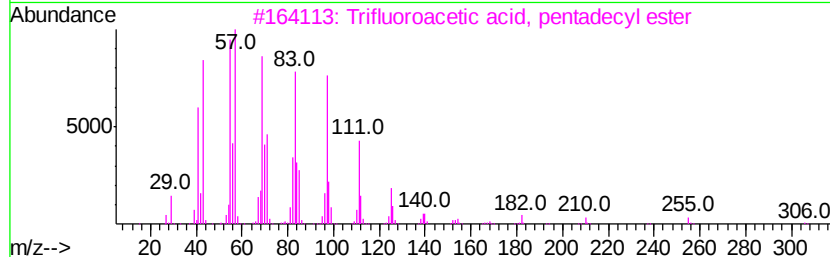
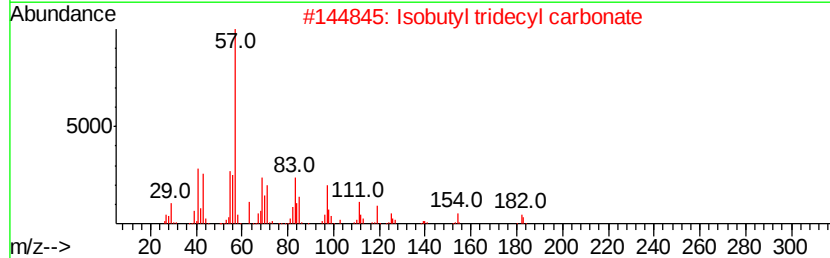
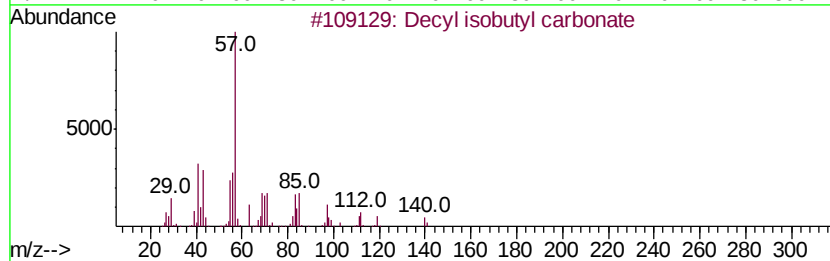
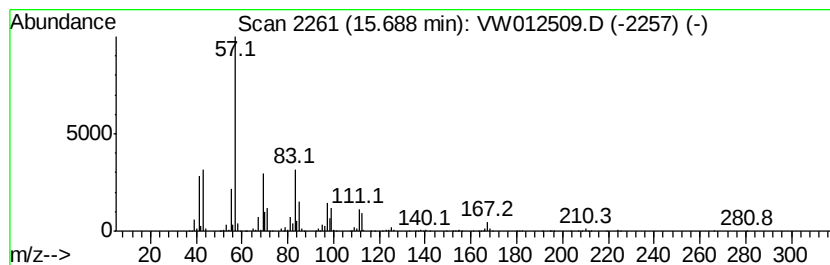
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-T4-(1.9)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 10 Decyl isobutyl carbonate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.69	65.17 ug/l	753285	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	59
2		Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	43
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	38
4		Oxirane, [(dodecyl)oxy]methyl-	242	C15H30O2	002461-18-9	38
5		Butane-1,1-dicarbonitrile, 1-cyc...	232	C15H24N2	1000164-79-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090219\
Data File : VW012509.D
Acq On : 02 Sep 2019 19:37
Operator : SY/VA
Sample : K4529-07
Misc : 4.12G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.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
Heptane, 1,1'-oxy...	13.91	20.5	ug/l	237331	4	13.56	577941	50.0
Heptyl isobutyl c...	13.97	6.8	ug/l	78824	4	13.56	577941	50.0
unknown14.65	14.65	9.4	ug/l	109051	4	13.56	577941	50.0
2- Chloropropioni...	14.73	13.8	ug/l	159751	4	13.56	577941	50.0
4-Nonene, 5-butyl-	14.83	15.5	ug/l	179504	4	13.56	577941	50.0
unknown14.97	14.97	14.6	ug/l	168974	4	13.56	577941	50.0
unknown15.40	15.40	27.1	ug/l	312611	4	13.56	577941	50.0
7-Tetradecene, (E)-	15.46	13.9	ug/l	160310	4	13.56	577941	50.0
2H-Pyran-2-one, 5...	15.62	106.4	ug/l	1230090	4	13.56	577941	50.0
Decyl isobutyl ca...	15.69	65.2	ug/l	753285	4	13.56	577941	50.0