

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012229.D
 Acq On : 28 Aug 2019 02:50
 Operator : SY/VA
 Sample : K4551-01
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S401-K1-1.0-1.5-082619-FD

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	1.953	5	8	18	rVB3	10407	20194	1.29%	0.183%
2	2.154	35	41	49	rBV	12675	33774	2.16%	0.306%
3	2.794	123	146	158	rBV	39617	154944	9.93%	1.402%
4	3.678	284	291	304	rVB2	8557	24421	1.57%	0.221%
5	4.129	355	365	384	rBV	30518	96201	6.17%	0.870%
6	4.665	446	453	466	rBV	6687	20875	1.34%	0.189%
7	4.909	481	493	513	rBV	52202	180392	11.56%	1.632%
8	5.934	649	661	676	rVB5	10071	33283	2.13%	0.301%
9	7.147	850	860	872	rBV5	7128	28259	1.81%	0.256%
10	7.531	915	923	933	rBV3	8002	23922	1.53%	0.216%
11	7.884	971	981	985	rBV	185556	443336	28.42%	4.011%
12	7.945	985	991	1001	rVB	378563	834790	53.51%	7.553%
13	8.305	1040	1050	1061	rBV	204726	468144	30.01%	4.236%
14	8.842	1129	1138	1147	rBV	566791	1126855	72.23%	10.196%
15	10.323	1373	1381	1388	rBV	880298	1560115	100.00%	14.116%
16	10.384	1388	1391	1397	rVB	35194	61894	3.97%	0.560%
17	10.707	1440	1444	1448	rVB	14650	20900	1.34%	0.189%
18	11.628	1589	1595	1606	rVB	643509	1108654	71.06%	10.031%
19	12.426	1718	1726	1729	rBV2	37610	107999	6.92%	0.977%
20	12.615	1751	1757	1777	rVB2	451738	899732	57.67%	8.141%
21	12.877	1790	1800	1804	rBV3	67423	240793	15.43%	2.179%
22	13.304	1859	1870	1871	rBV6	104522	237001	15.19%	2.144%
23	13.451	1886	1894	1906	rVV	72334	265325	17.01%	2.401%
24	13.554	1906	1911	1919	rVB	357110	581697	37.29%	5.263%
25	13.749	1941	1943	1956	rVB8	27037	71997	4.61%	0.651%
26	13.871	1958	1963	1968	rBV	95640	148753	9.53%	1.346%
27	14.072	1992	1996	2004	rVB3	31848	81585	5.23%	0.738%
28	14.200	2012	2017	2022	rBV4	19719	34684	2.22%	0.314%
29	14.389	2044	2048	2051	rVV4	18061	23863	1.53%	0.216%
30	14.499	2062	2066	2069	rBV2	24734	36058	2.31%	0.326%
31	14.645	2086	2090	2093	rBV4	10007	16007	1.03%	0.145%
32	14.725	2098	2103	2108	rVV	153645	229978	14.74%	2.081%
33	14.798	2109	2115	2119	rVV6	36404	97087	6.22%	0.878%
34	14.840	2119	2122	2130	rVB2	31631	66982	4.29%	0.606%

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Instrument :
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ClientSampleId :
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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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35	15.066	2154	2159	2163	rVV7	27012	56581	3.63%	0.512%
36	15.170	2170	2176	2182	rBV5	25813	70208	4.50%	0.635%
37	15.249	2185	2189	2196	rVB3	39485	82196	5.27%	0.744%
38	15.322	2196	2201	2211	rBV2	63995	124233	7.96%	1.124%
39	15.420	2211	2217	2221	rBV5	32938	71370	4.57%	0.646%
40	15.487	2222	2228	2229	rBV4	22969	41946	2.69%	0.380%
41	15.554	2234	2239	2247	rVB	180016	292271	18.73%	2.644%
42	15.657	2248	2256	2262	rBV7	39025	101587	6.51%	0.919%
43	15.731	2264	2268	2273	rVB5	25484	42818	2.74%	0.387%
44	15.865	2286	2290	2295	rVB2	43593	74820	4.80%	0.677%
45	16.011	2309	2314	2315	rBV4	24541	35672	2.29%	0.323%
46	16.090	2325	2327	2331	rVB3	17556	20130	1.29%	0.182%
47	16.151	2331	2337	2338	rBV2	32263	59643	3.82%	0.540%
48	16.218	2345	2348	2354	rVB4	40344	70329	4.51%	0.636%
49	16.285	2355	2359	2366	rVB	53523	86899	5.57%	0.786%
50	16.371	2368	2373	2379	rVV3	55306	109015	6.99%	0.986%
51	16.493	2388	2393	2400	rVB	190360	331970	21.28%	3.004%

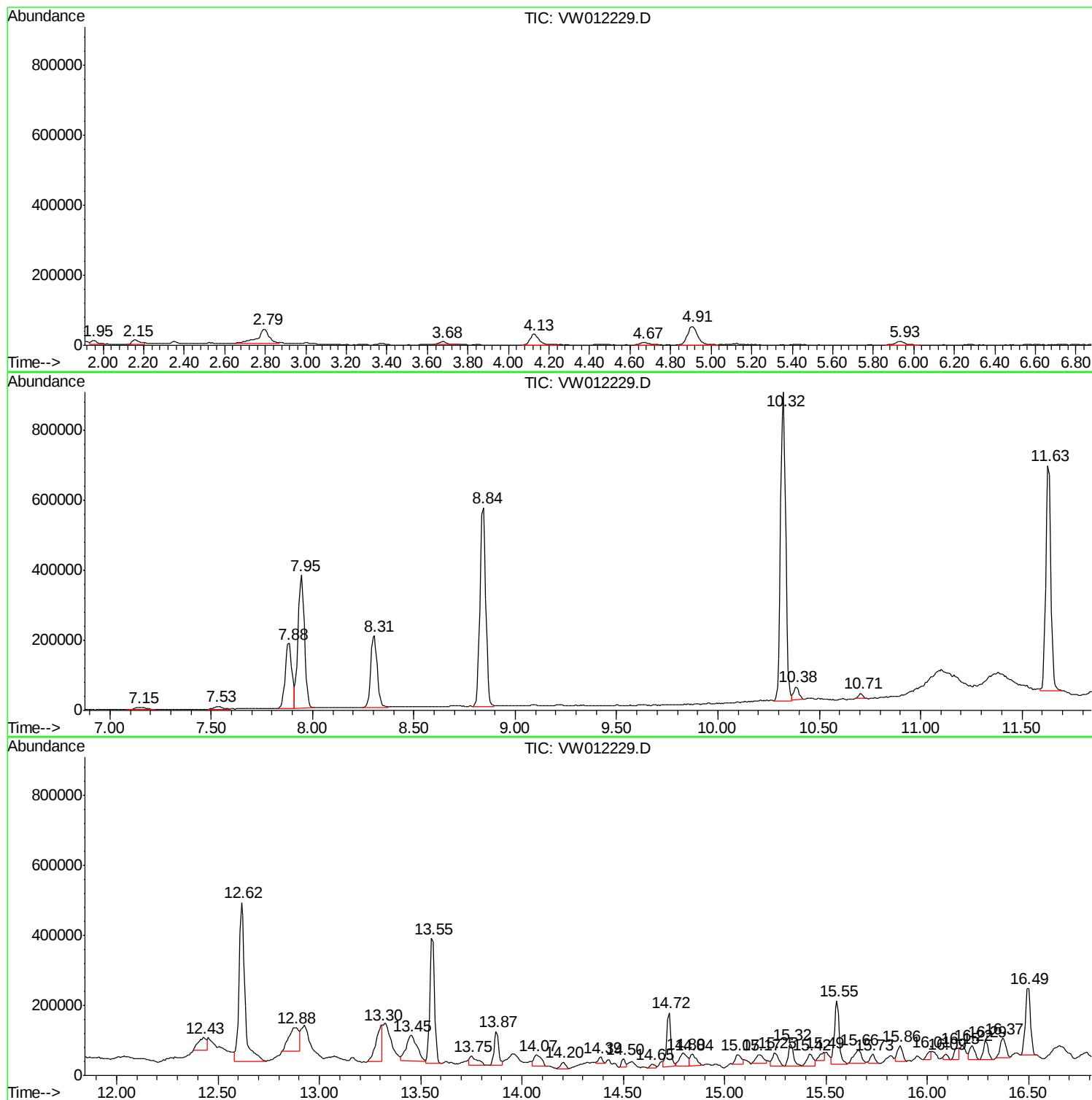
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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



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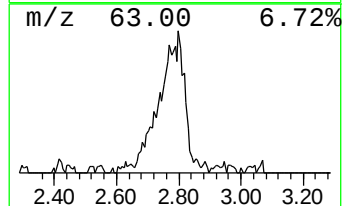
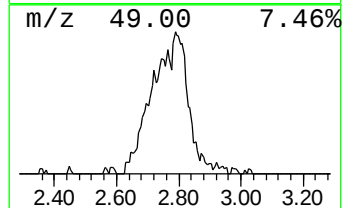
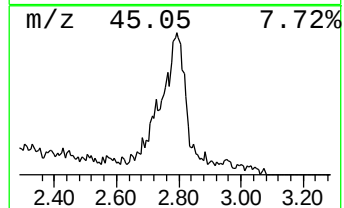
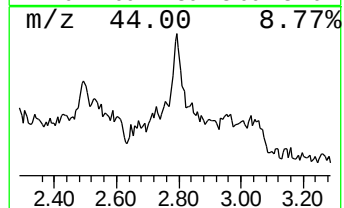
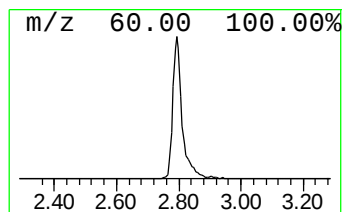
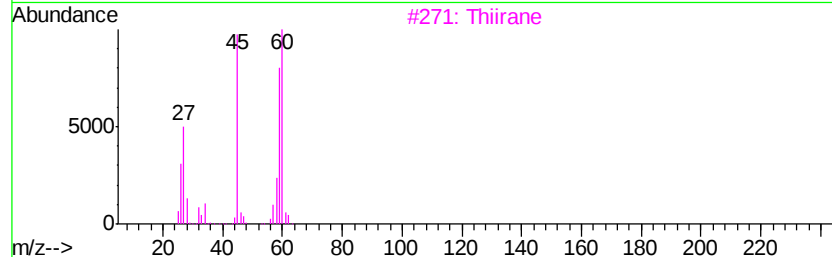
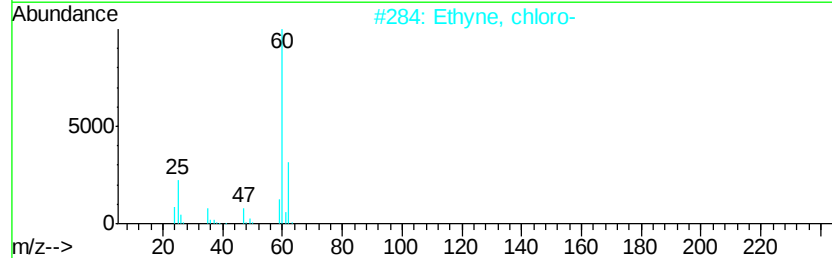
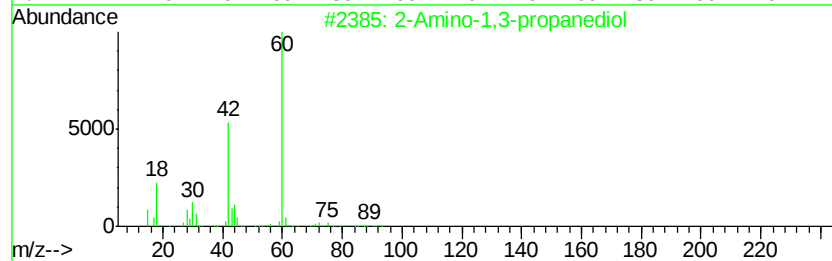
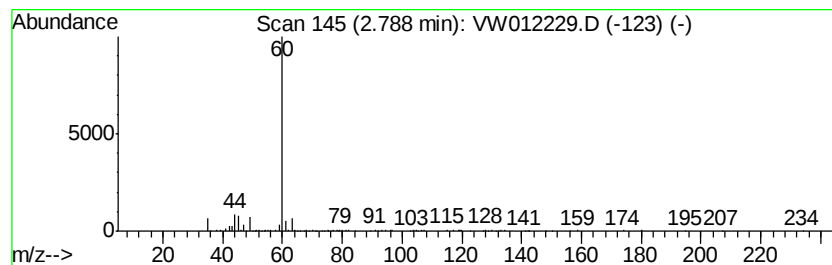
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown2.79 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	9.28 ug/l	154944	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Amino-1,3-propanediol	91	C3H9N02	000534-03-2	39
2		Ethyne, chloro-	60	C2HCl	000593-63-5	9
3		Thiirane	60	C2H4S	000420-12-2	9
4		Pentaborane(11)	66	B5H11	018433-84-6	7
5		Formic acid hydrazide	60	CH4N2O	000624-84-0	5



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Misc : 5.61G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

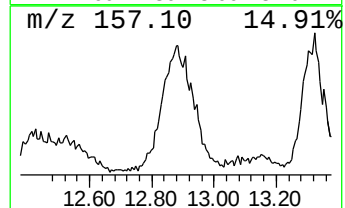
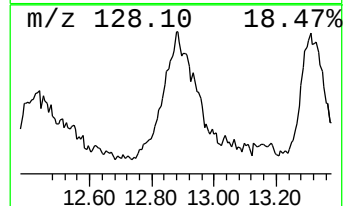
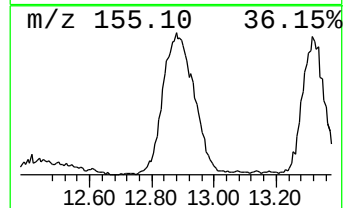
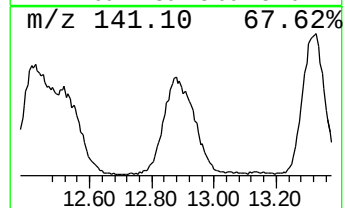
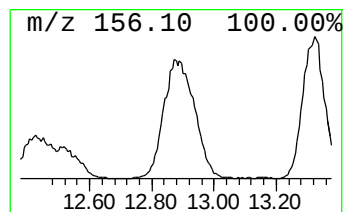
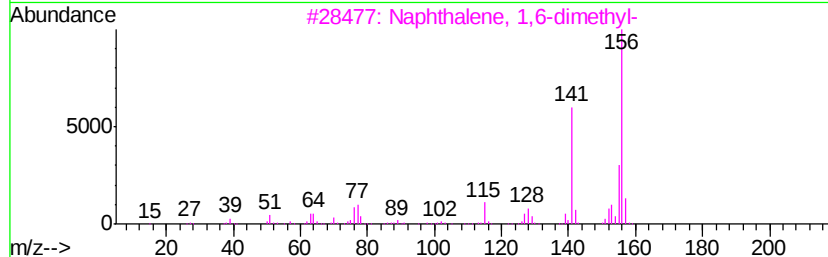
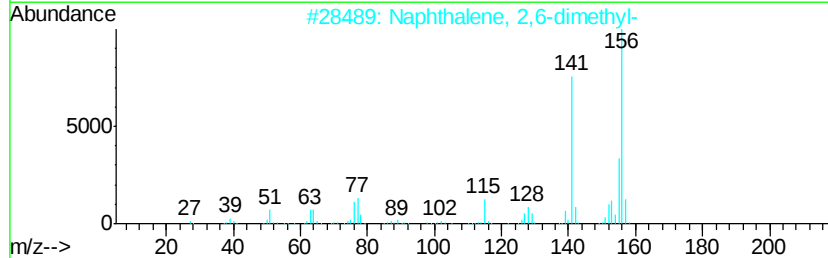
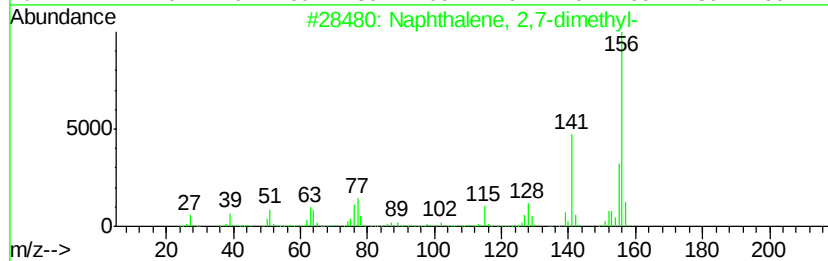
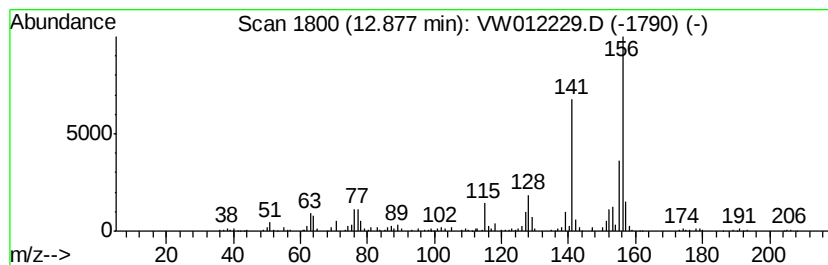
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.88	20.70 ug/l	240793	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



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Misc : 5.61G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

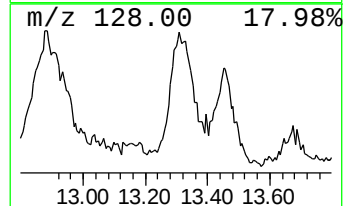
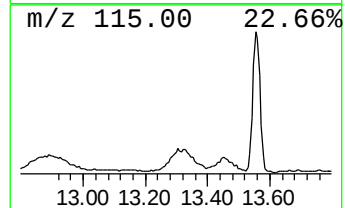
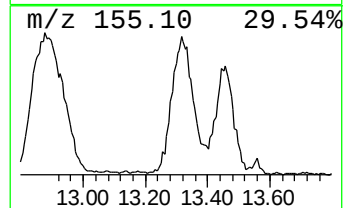
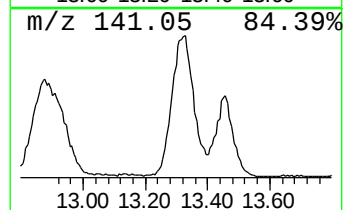
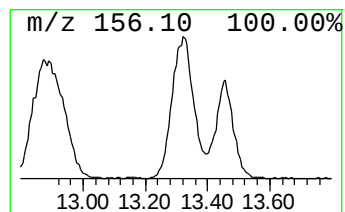
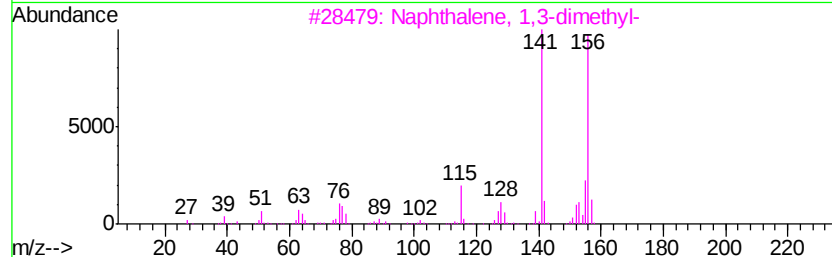
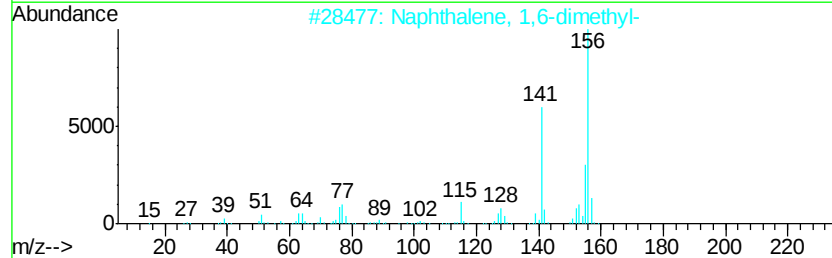
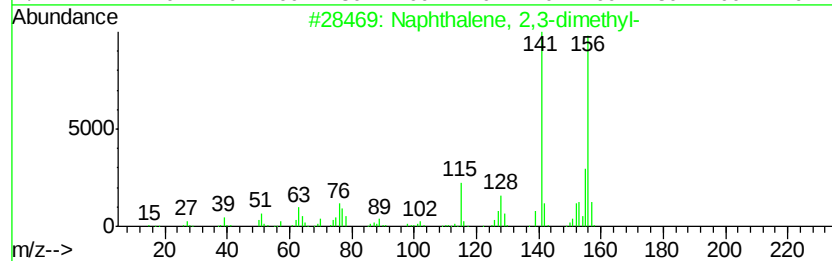
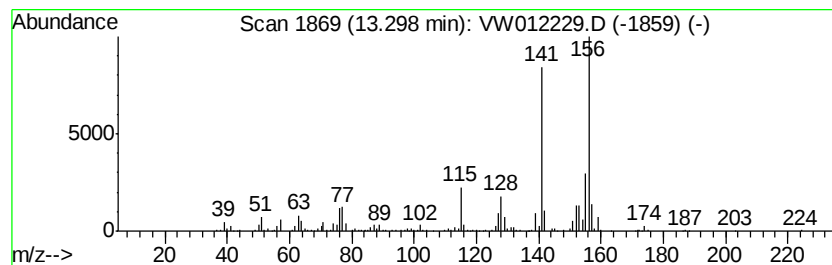
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Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.30	20.37 ug/l	237001	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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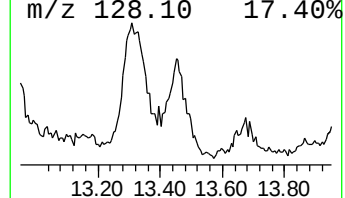
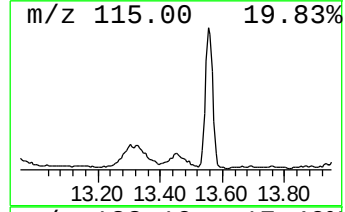
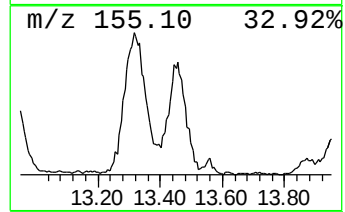
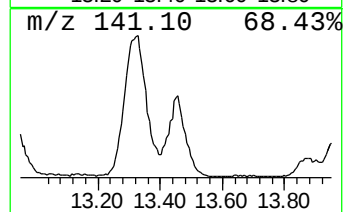
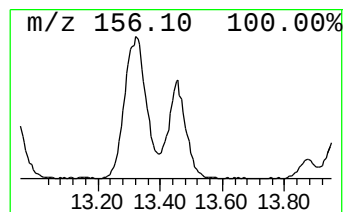
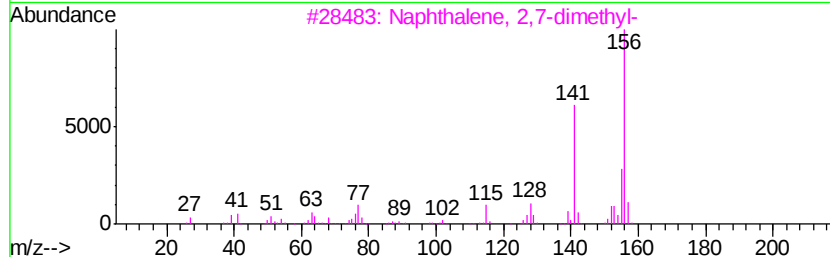
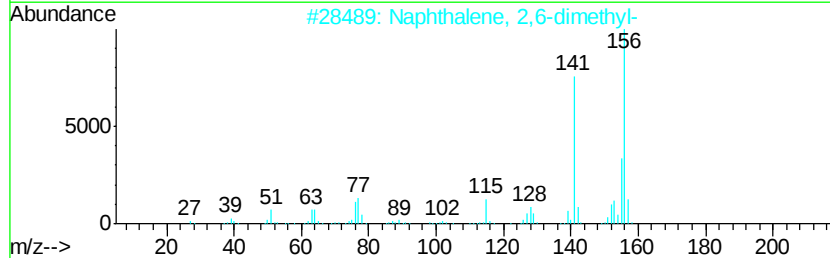
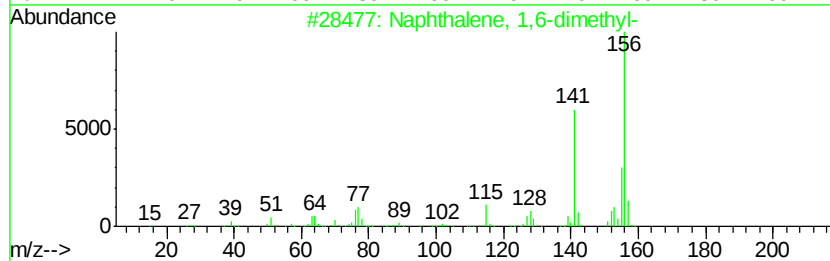
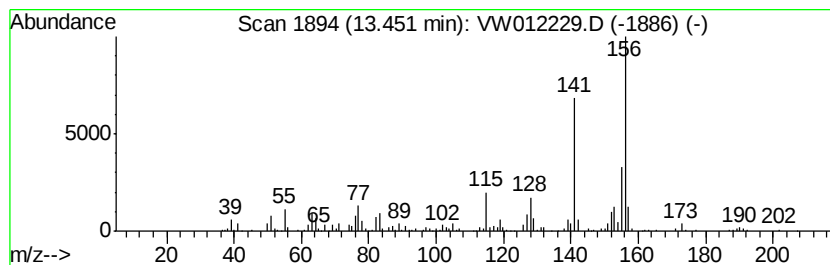
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	22.81 ug/l	265325	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93



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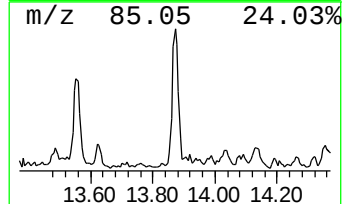
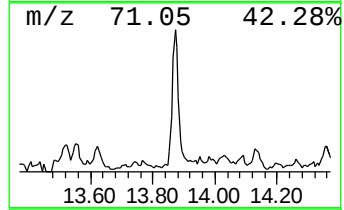
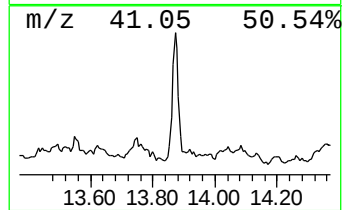
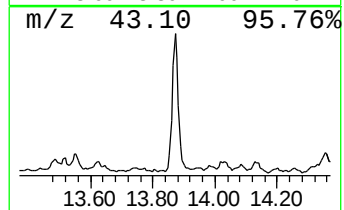
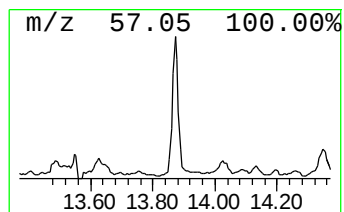
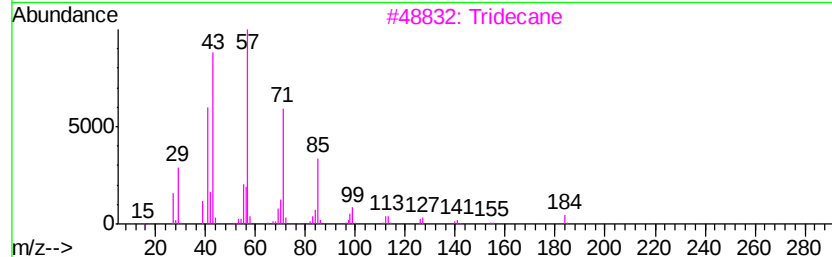
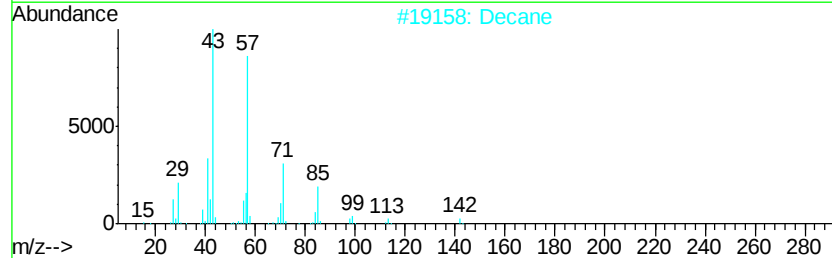
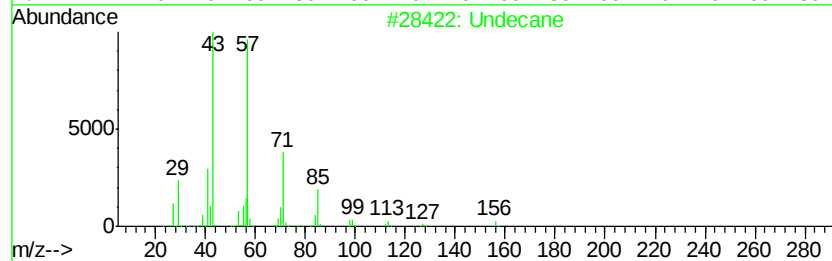
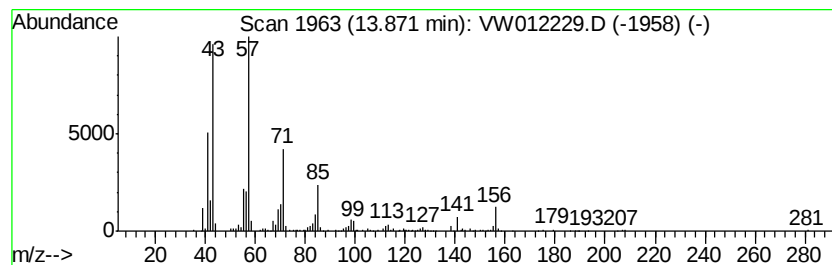
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	12.79 ug/l	148753	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	87
2	Decane		142	C10H22	000124-18-5	80
3	Tridecane		184	C13H28	000629-50-5	80
4	Dodecane		170	C12H26	000112-40-3	80
5	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012229.D
Acq On : 28 Aug 2019 02:50
Operator : SY/VA
Sample : K4551-01
Misc : 5.61G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S401-K1-1.0-1.5-082619-FD

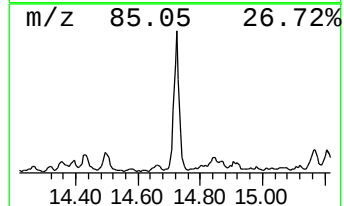
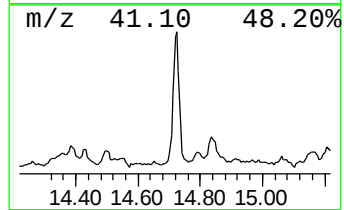
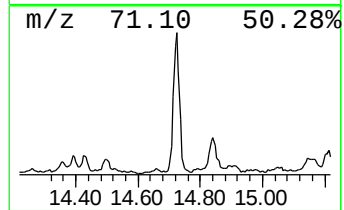
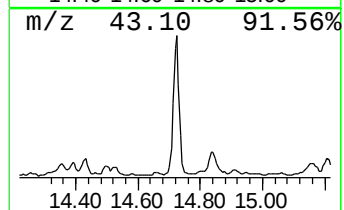
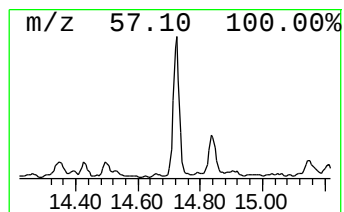
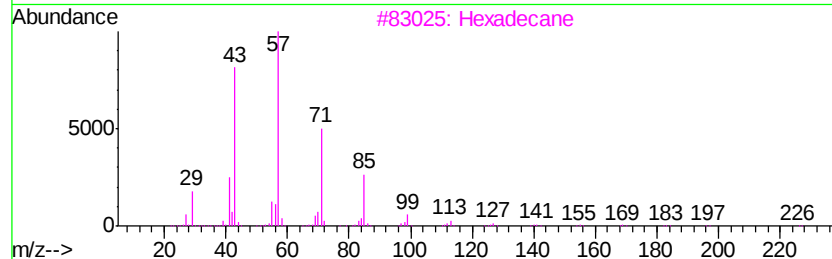
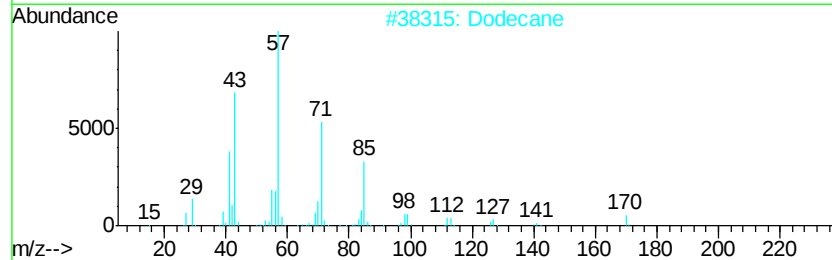
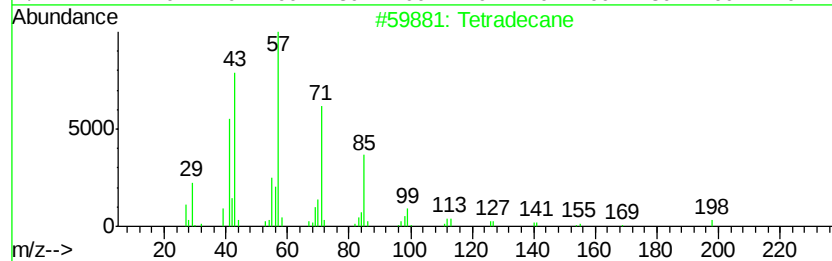
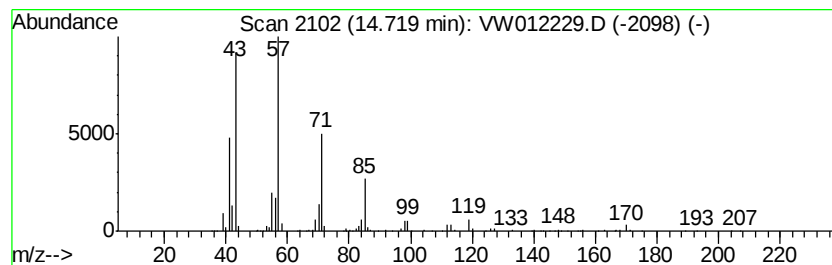
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Quant Title : SW846 8260

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

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	19.77 ug/l	229978	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	80
2		Dodecane	170	C12H26	000112-40-3	74
3		Hexadecane	226	C16H34	000544-76-3	72
4		Undecane	156	C11H24	001120-21-4	72
5		Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012229.D
Acq On : 28 Aug 2019 02:50
Operator : SY/VA
Sample : K4551-01
Misc : 5.61G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

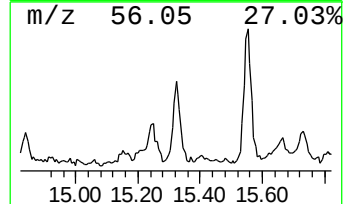
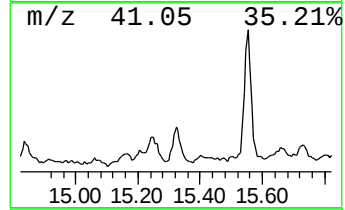
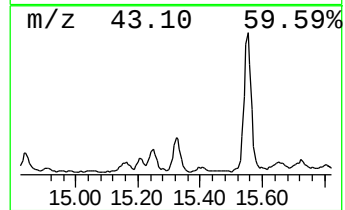
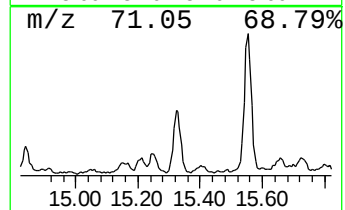
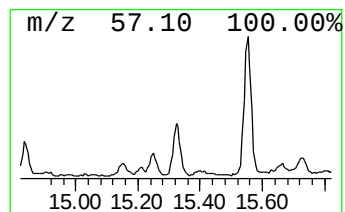
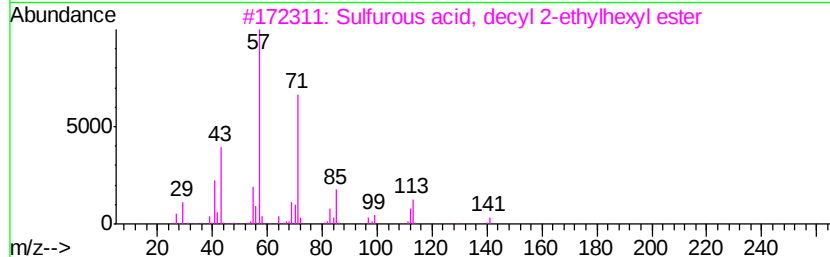
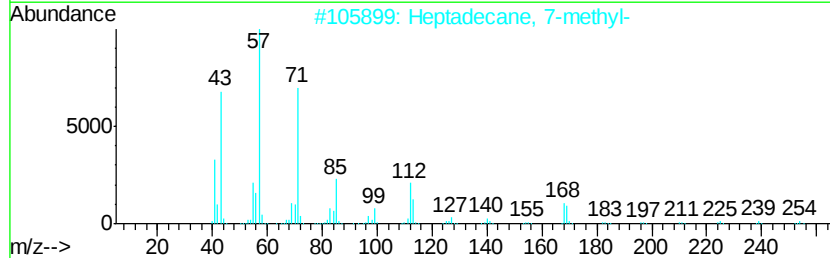
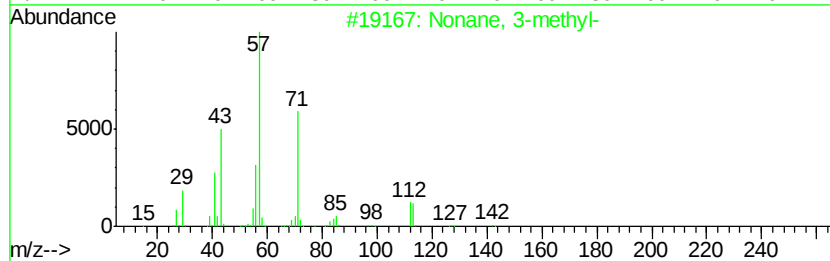
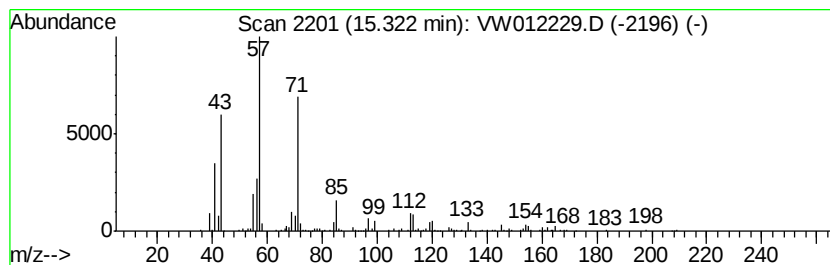
Instrument :
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ClientSampleId :
S401-K1-1.0-1.5-082619-FD

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 7 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	10.68 ug/l	124233	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	76
2	Heptadecane, 7-methyl-	254 C18H38	020959-33-5	58
3	Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3	52
4	Sulfurous acid, 2-ethylhexyl tet...	390 C22H46O3S	1000309-19-7	52
5	Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012229.D
Acq On : 28 Aug 2019 02:50
Operator : SY/VA
Sample : K4551-01
Misc : 5.61G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S401-K1-1.0-1.5-082619-FD

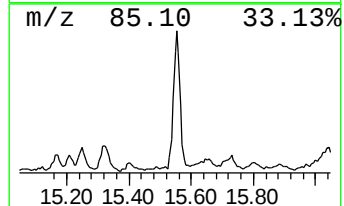
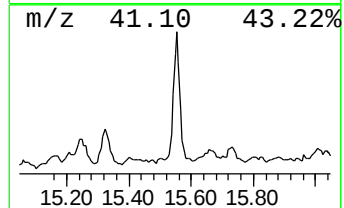
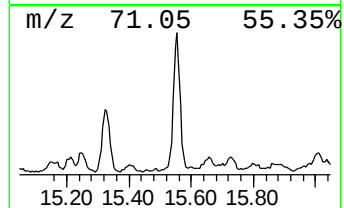
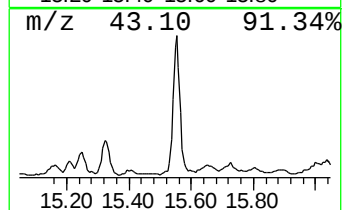
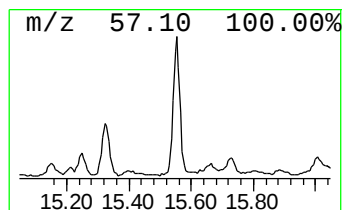
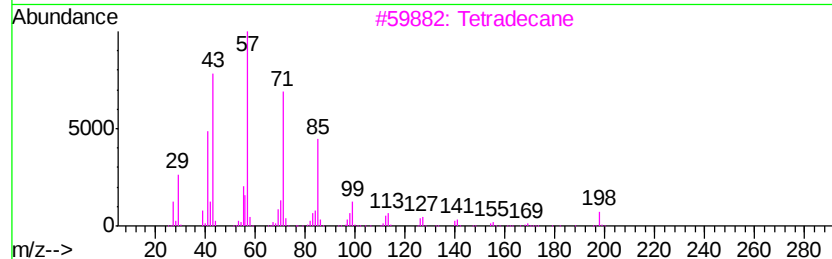
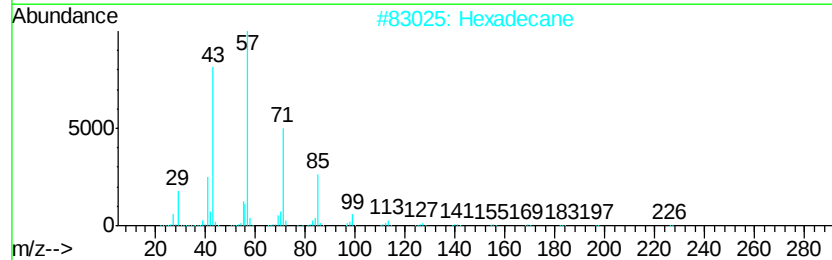
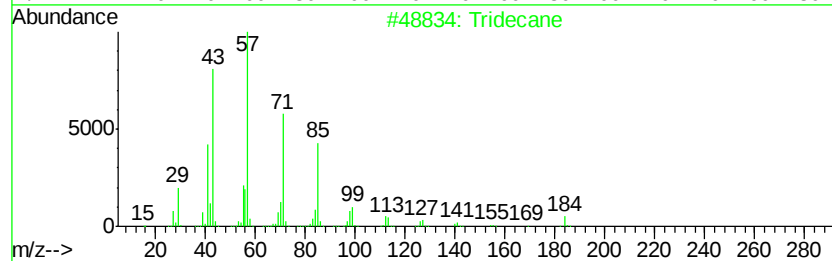
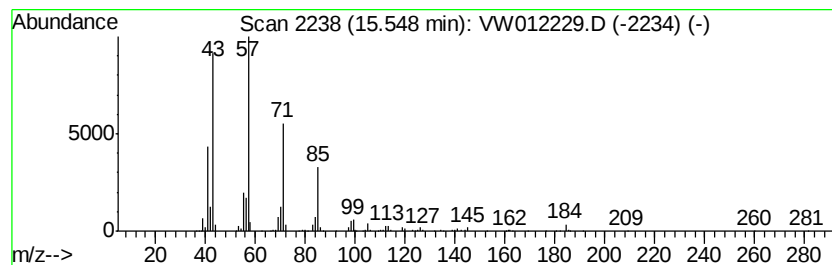
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 8 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	25.12 ug/l	292271	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	97
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	78
4	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	78
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012229.D
Acq On : 28 Aug 2019 02:50
Operator : SY/VA
Sample : K4551-01
Misc : 5.61G/5ML/MSVOA W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S401-K1-1.0-1.5-082619-FD

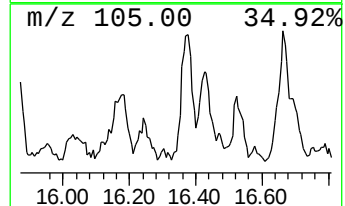
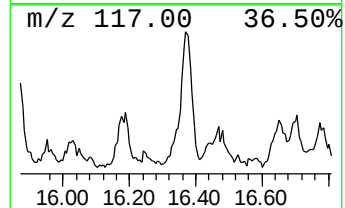
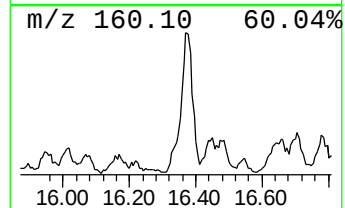
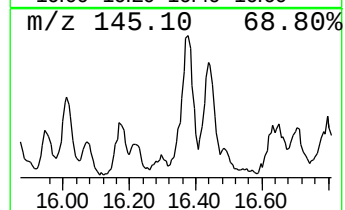
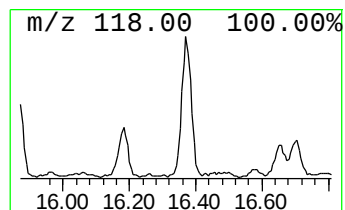
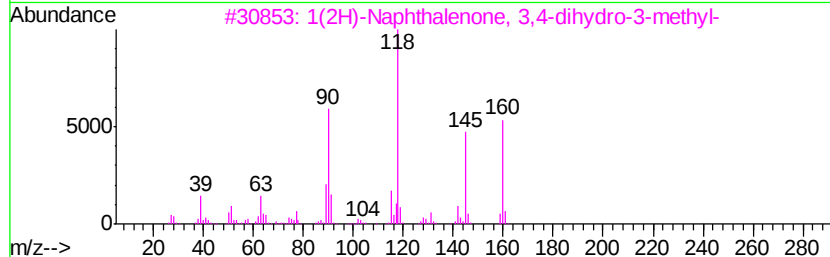
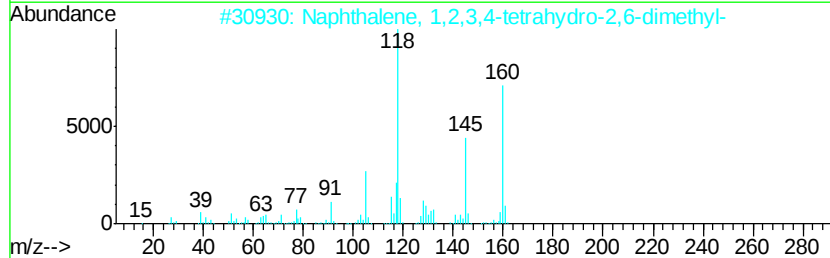
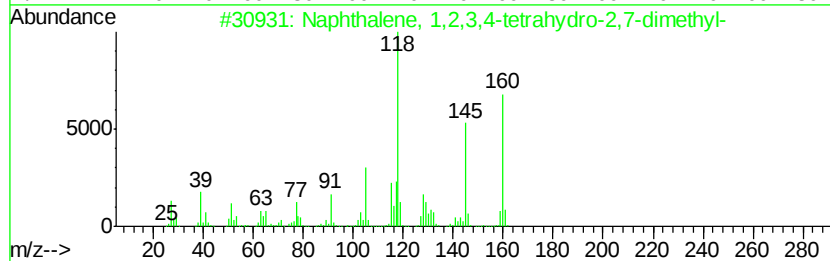
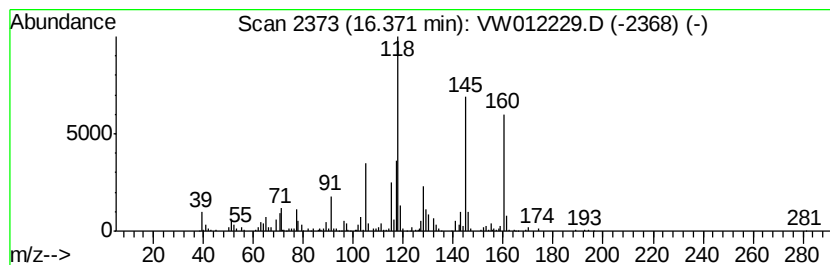
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	9.37 ug/l	109015	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	83
3		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	74
4		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	72
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
Data File : VW012229.D
Acq On : 28 Aug 2019 02:50
Operator : SY/VA
Sample : K4551-01
Misc : 5.61G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S401-K1-1.0-1.5-082619-FD

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
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Naphthalene, 2,7-...	12.88	20.7	ug/l	240793	4	13.56	581697	50.0
Naphthalene, 2,3-...	13.30	20.4	ug/l	237001	4	13.56	581697	50.0
Naphthalene, 1,6-...	13.45	22.8	ug/l	265325	4	13.56	581697	50.0
Undecane	13.87	12.8	ug/l	148753	4	13.56	581697	50.0
Tetradecane	14.72	19.8	ug/l	229978	4	13.56	581697	50.0
Nonane, 3-methyl-	15.32	10.7	ug/l	124233	4	13.56	581697	50.0
Tridecane	15.55	25.1	ug/l	292271	4	13.56	581697	50.0
Naphthalene, 1,2,...	16.37	9.4	ug/l	109015	4	13.56	581697	50.0