

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012230.D
 Acq On : 28 Aug 2019 03:16
 Operator : SY/VA
 Sample : K4551-08
 Misc : 6.86G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S400-K1-1.0-1.5-082619

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	34	40	47	rBV	24960	46476	3.01%	0.480%
2	3.672	284	290	298	rBV2	7770	17449	1.13%	0.180%
3	4.129	353	365	375	rBV2	24330	75795	4.90%	0.783%
4	4.910	479	493	509	rBV2	55243	187947	12.16%	1.941%
5	5.934	651	661	673	rVB3	5830	18487	1.20%	0.191%
6	7.141	849	859	873	rBV2	6968	24944	1.61%	0.258%
7	7.537	916	924	933	rBV3	7350	20338	1.32%	0.210%
8	7.885	970	981	985	rBV	187680	445874	28.84%	4.606%
9	7.946	985	991	1001	rVB	381100	843074	54.54%	8.709%
10	8.305	1038	1050	1063	rBV	204155	461221	29.84%	4.764%
11	8.842	1128	1138	1152	rBV	576032	1152503	74.56%	11.905%
12	10.323	1372	1381	1389	rBV	871959	1545814	100.00%	15.968%
13	10.701	1436	1443	1451	rVB2	11128	22846	1.48%	0.236%
14	11.628	1588	1595	1608	rVB	685186	1175192	76.02%	12.139%
15	12.615	1751	1757	1769	rVB	497586	809551	52.37%	8.362%
16	13.079	1822	1833	1845	rBV2	97084	386256	24.99%	3.990%
17	13.329	1865	1874	1886	rVB7	41782	180207	11.66%	1.861%
18	13.457	1888	1895	1905	rVV8	31522	133727	8.65%	1.381%
19	13.554	1905	1911	1918	rVB	467938	753402	48.74%	7.782%
20	13.871	1959	1963	1969	rBV	46754	79384	5.14%	0.820%
21	14.725	2099	2103	2106	rBV	57496	78732	5.09%	0.813%
22	14.774	2106	2111	2120	rVB	36406	104444	6.76%	1.079%
23	15.078	2154	2161	2171	rBV2	55240	190763	12.34%	1.971%
24	15.243	2181	2188	2196	rVB6	52189	146026	9.45%	1.508%
25	15.322	2198	2201	2209	rBV2	17285	33094	2.14%	0.342%
26	15.426	2213	2218	2222	rBV7	24836	61067	3.95%	0.631%
27	15.554	2235	2239	2243	rVB	60088	89037	5.76%	0.920%
28	15.627	2244	2251	2263	rVB2	68347	236549	15.30%	2.443%
29	16.133	2331	2334	2345	rVB3	48700	118049	7.64%	1.219%
30	16.285	2356	2359	2365	rVB2	13264	21329	1.38%	0.220%
31	16.377	2367	2374	2378	rBV4	30724	80656	5.22%	0.833%
32	16.493	2390	2393	2403	rVB2	76952	140621	9.10%	1.453%

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S400-K1-1.0-1.5-082619

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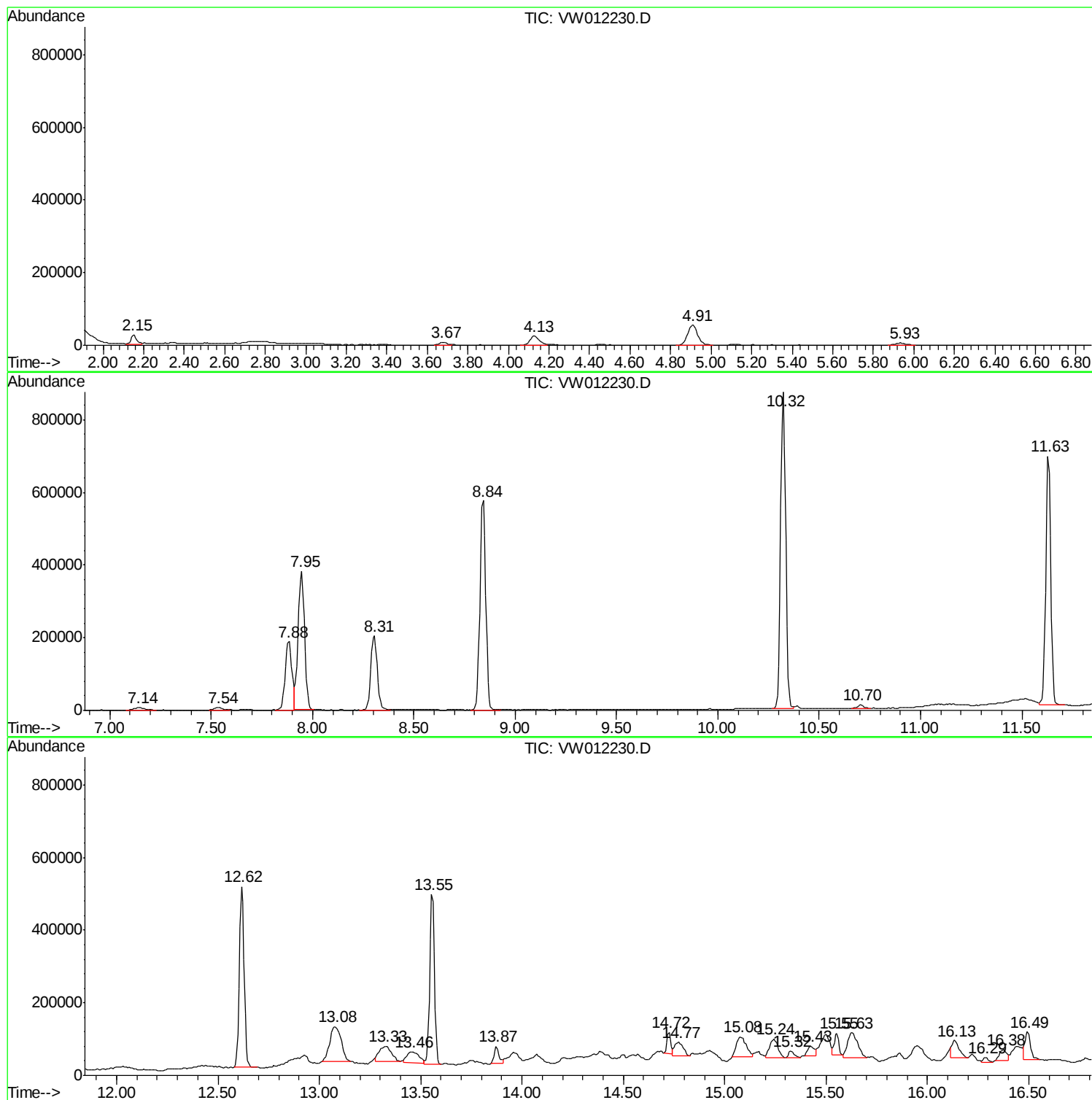
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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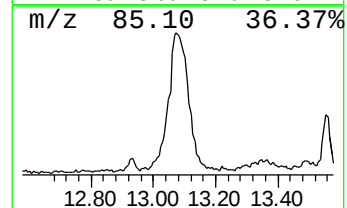
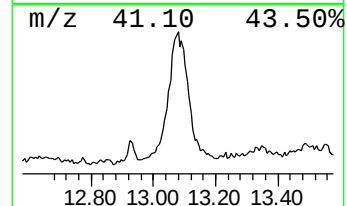
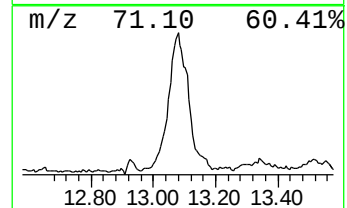
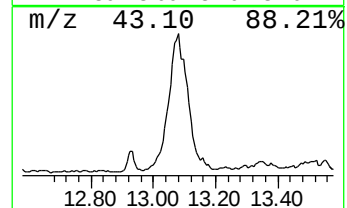
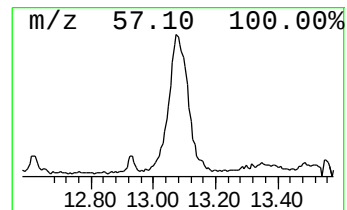
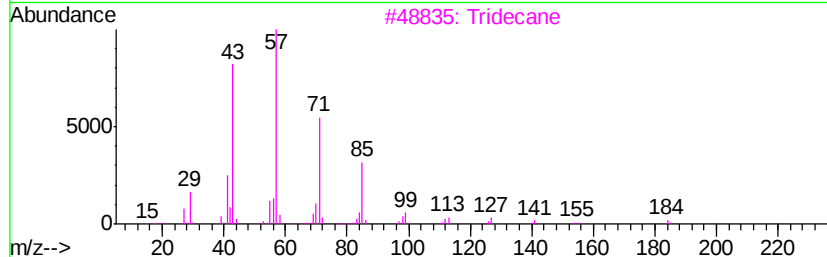
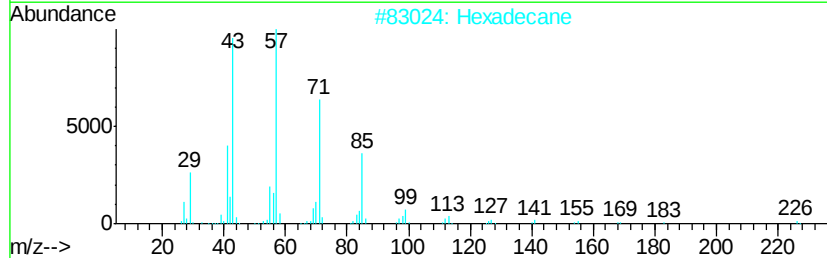
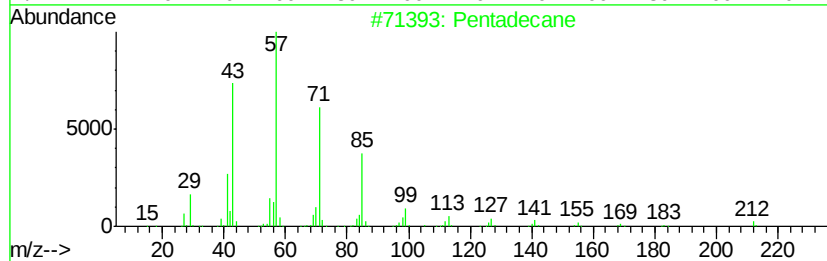
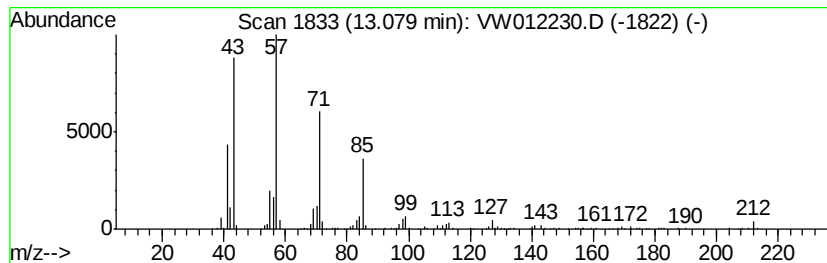
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	25.63 ug/l	386256	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Tetradecane	198	C14H30	000629-59-4	80
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72



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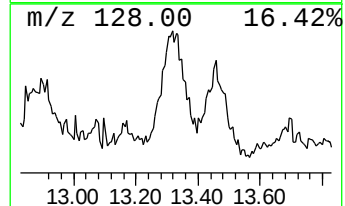
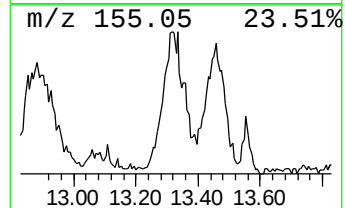
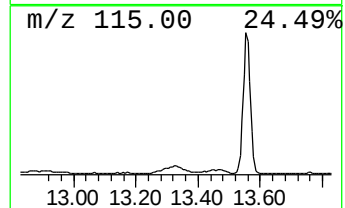
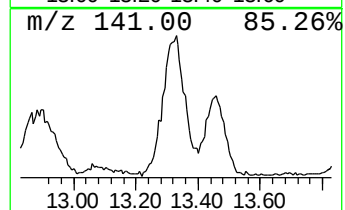
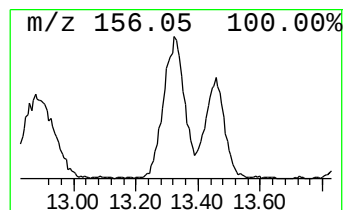
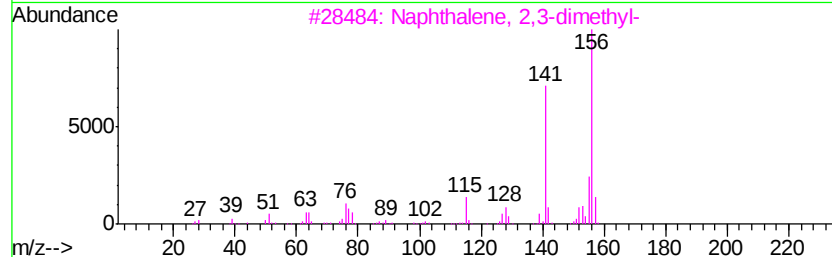
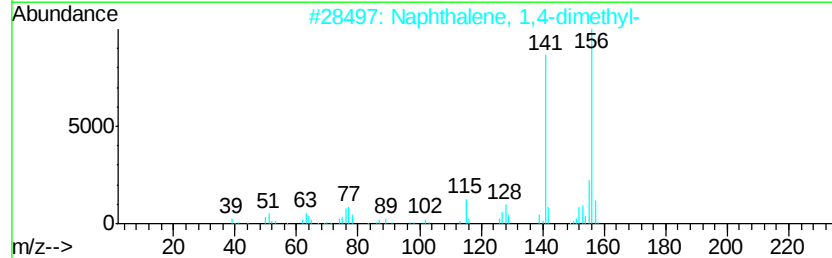
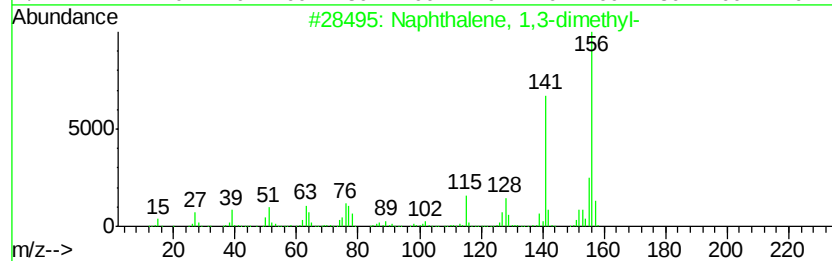
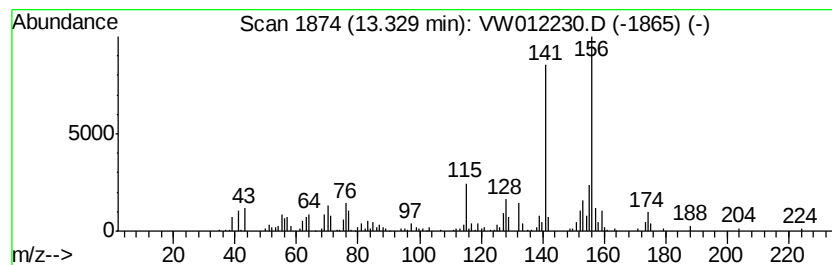
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Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	11.96 ug/l	180207	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90



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ALS Vial : 39 Sample Multiplier: 1

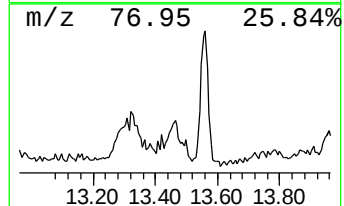
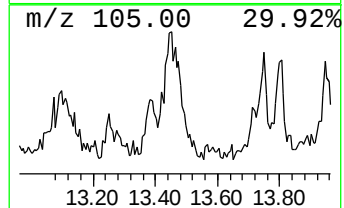
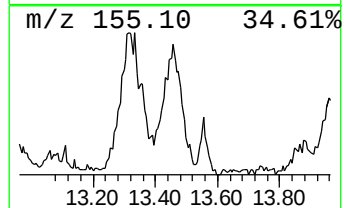
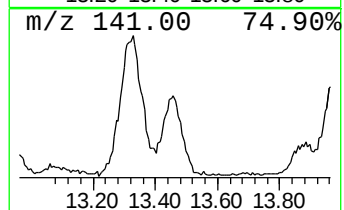
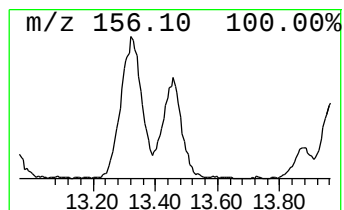
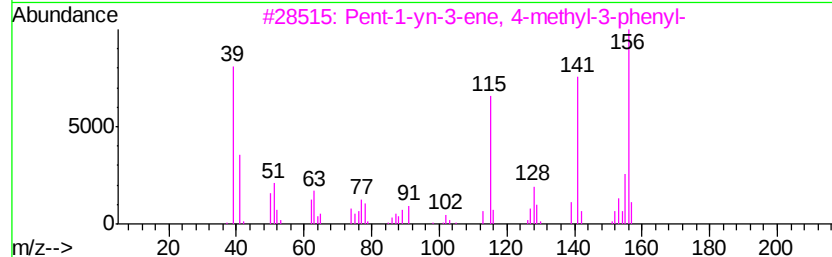
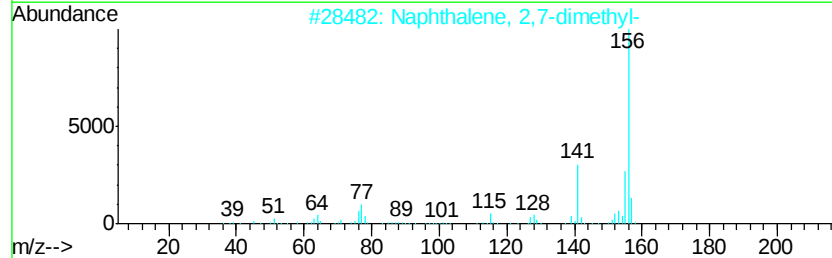
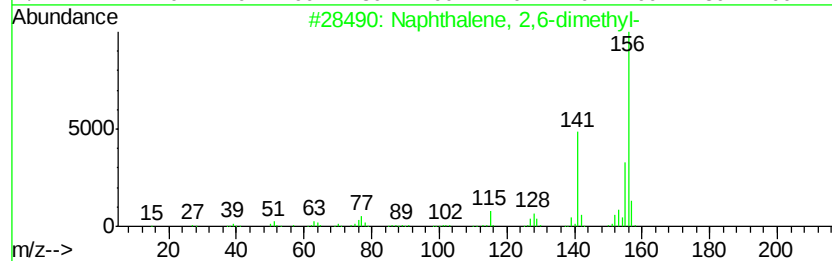
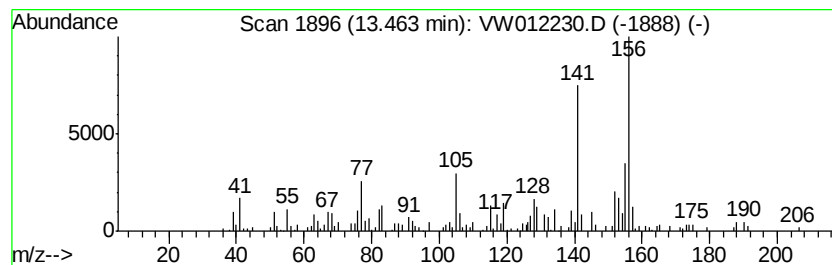
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	8.87 ug/l	133727	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 93
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 93
3		Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156 C12H12	065050-80-8 83
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 81
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 81



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Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

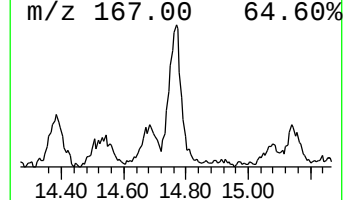
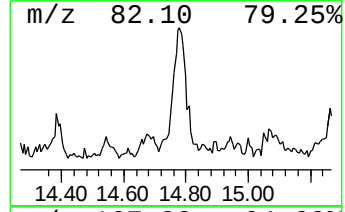
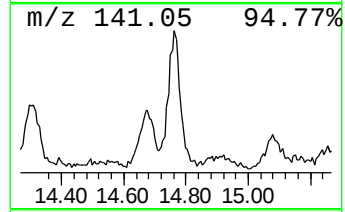
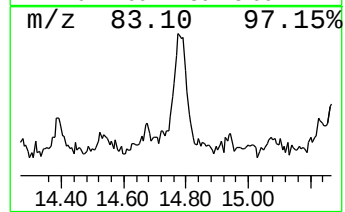
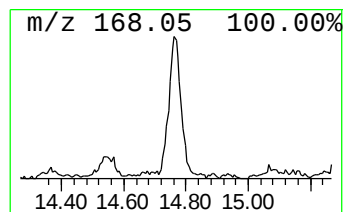
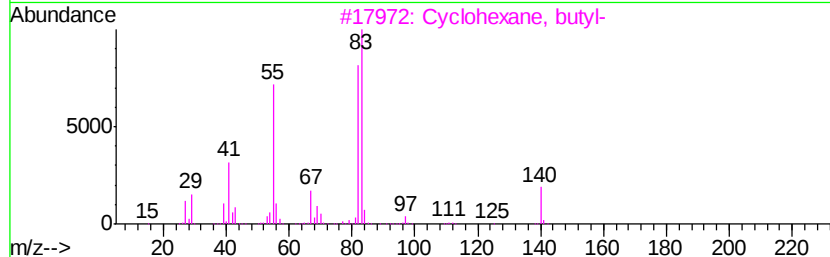
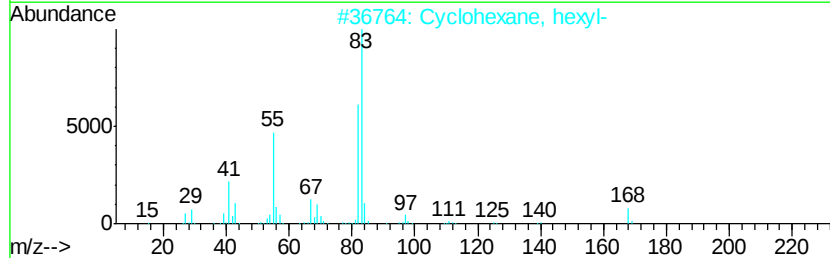
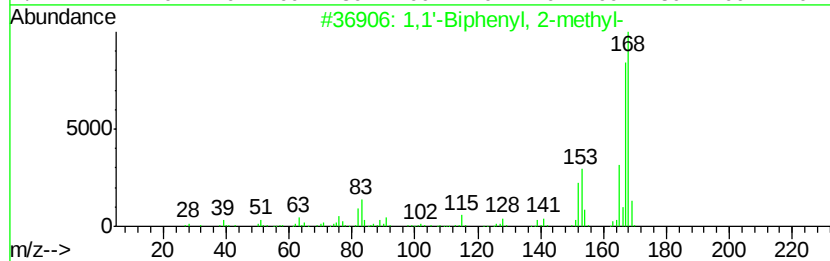
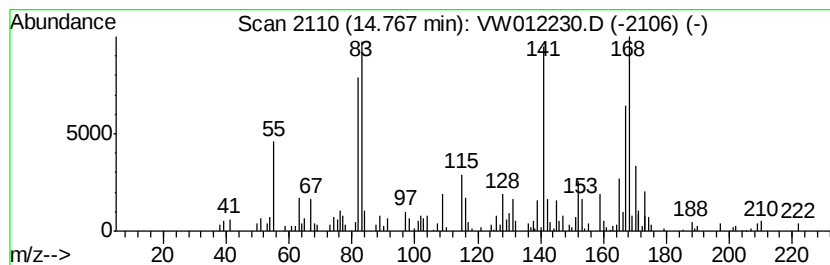
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	6.93 ug/l	104444	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 64
2		Cyclohexane, hexyl-	168 C12H24	004292-75-5 43
3		Cyclohexane, butyl-	140 C10H20	001678-93-9 35
4		Cyclohexane, 1,1'-(1,4-butanedi...	222 C16H30	006165-44-2 35
5		Heptylcyclohexane	182 C13H26	005617-41-4 35



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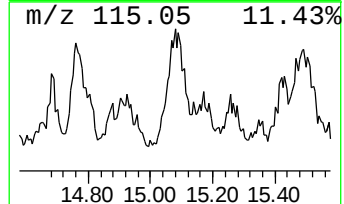
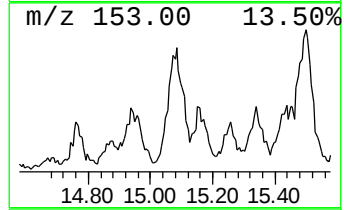
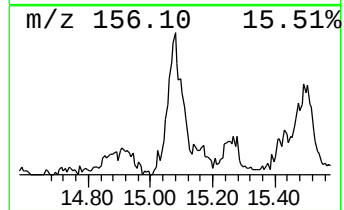
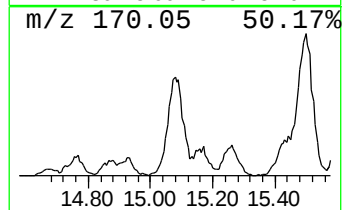
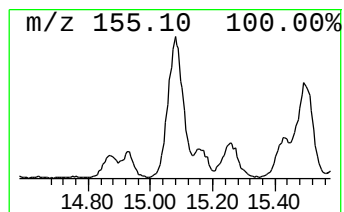
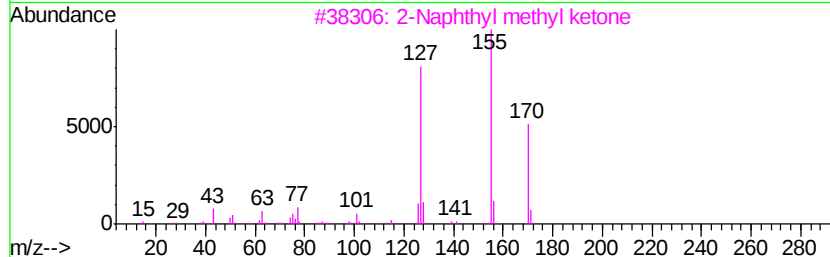
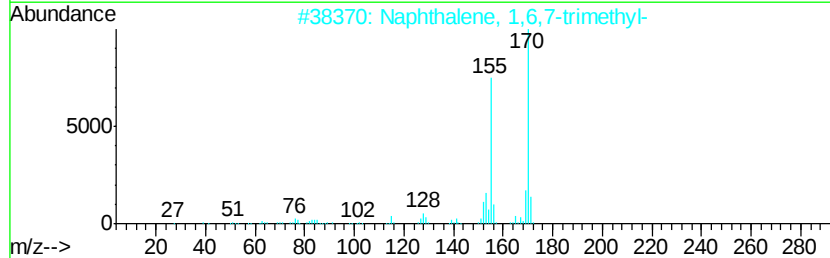
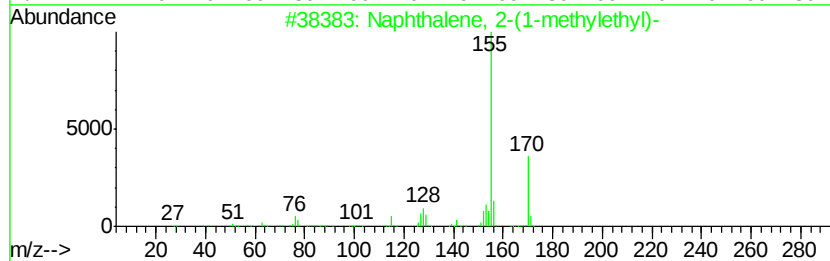
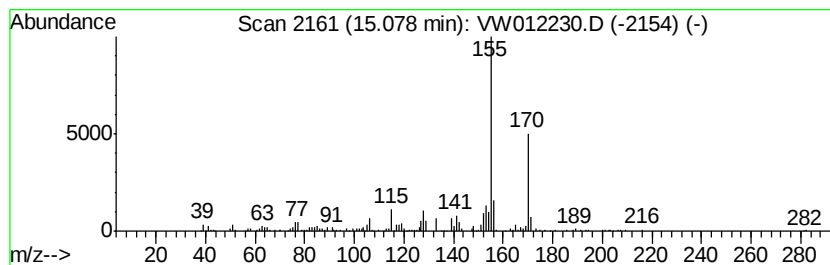
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2-(1-methyleth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	12.66 ug/l	190763	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 83
3		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 72
4		Ethanone, 1-(5-chloro-2-hydroxyp...	170 C8H7ClO2	001450-74-4 72
5		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012230.D
Acq On : 28 Aug 2019 03:16
Operator : SY/VA
Sample : K4551-08
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

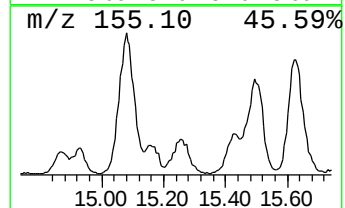
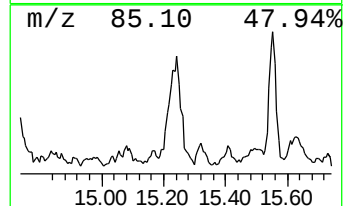
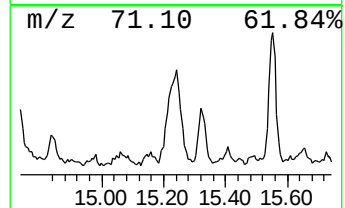
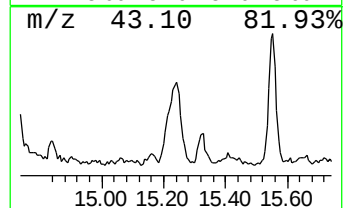
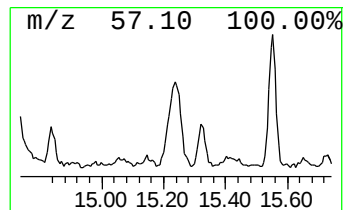
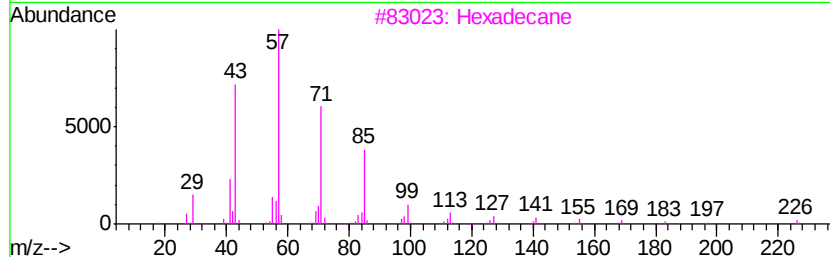
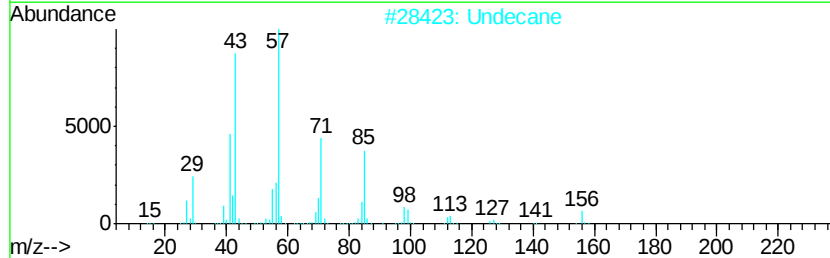
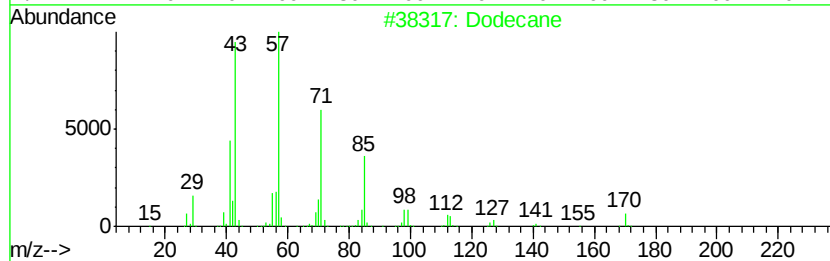
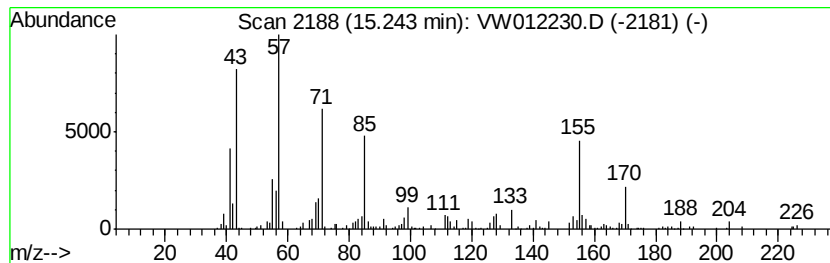
Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

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 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	9.69 ug/l	146026	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	62
2	Undecane	156 C11H24	001120-21-4	58
3	Hexadecane	226 C16H34	000544-76-3	55
4	Tetratetracontane	619 C44H90	007098-22-8	49
5	Tetradecane	198 C14H30	000629-59-4	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012230.D
Acq On : 28 Aug 2019 03:16
Operator : SY/VA
Sample : K4551-08
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

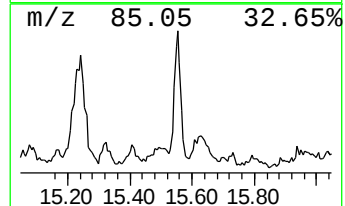
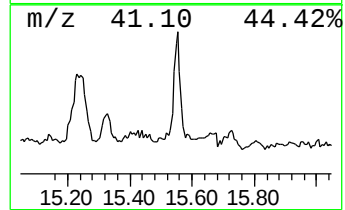
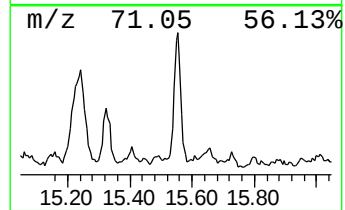
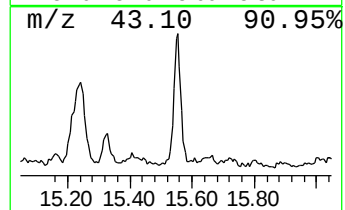
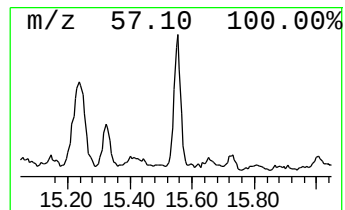
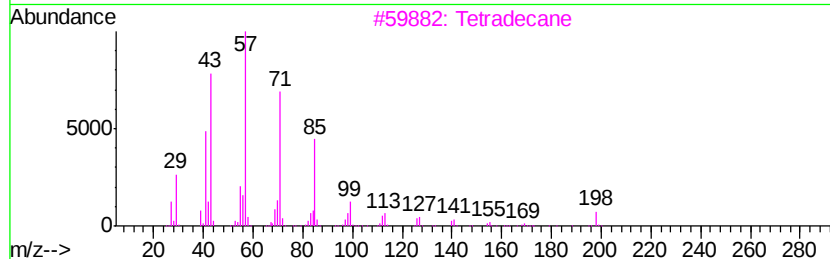
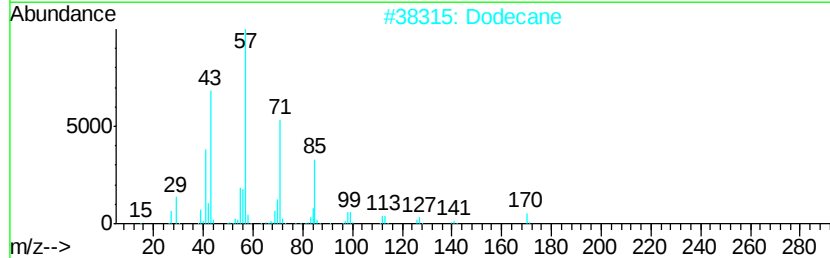
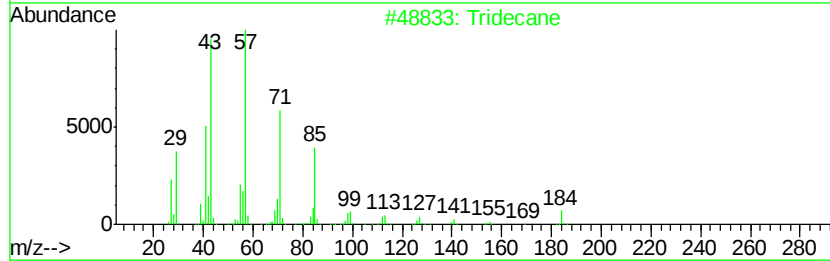
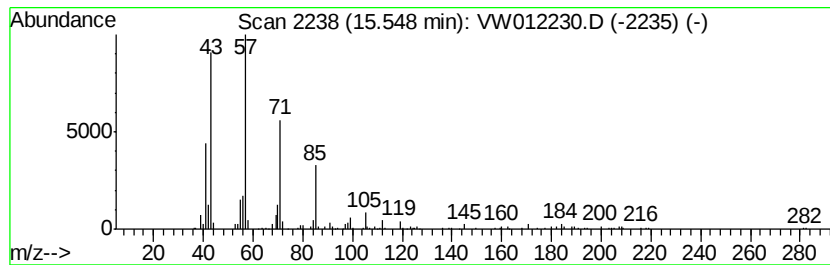
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ClientSampleId :
S400-K1-1.0-1.5-082619

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 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.55	5.91 ug/l	89037	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Dodecane	170	C12H26	000112-40-3	64
3	Tetradecane	198	C14H30	000629-59-4	64
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
5	Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012230.D
Acq On : 28 Aug 2019 03:16
Operator : SY/VA
Sample : K4551-08
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

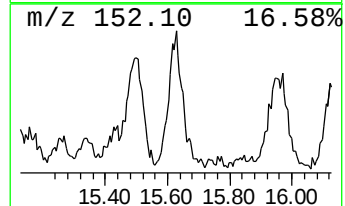
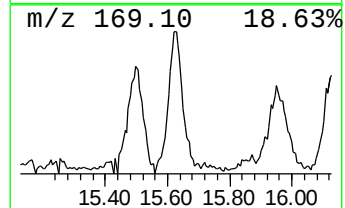
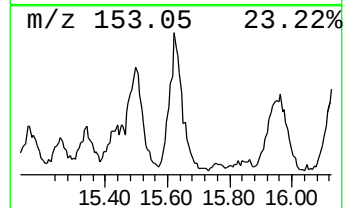
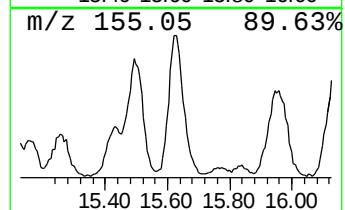
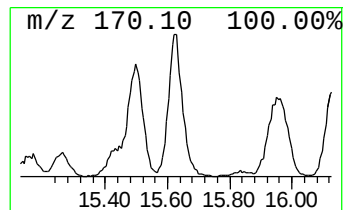
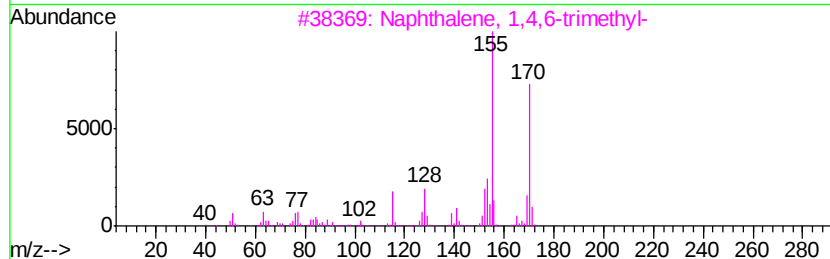
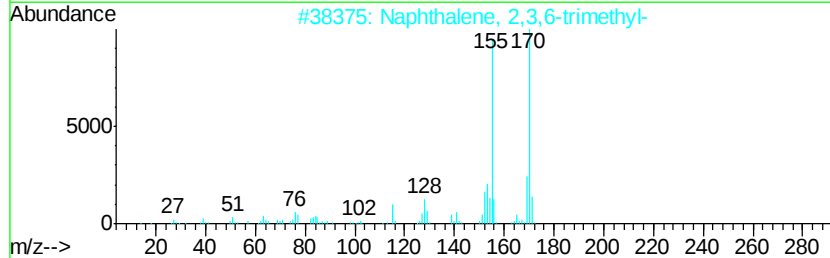
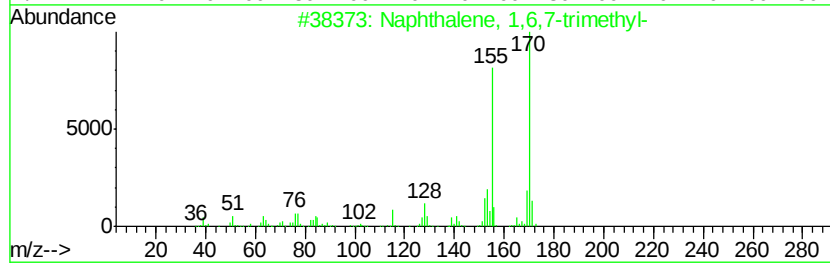
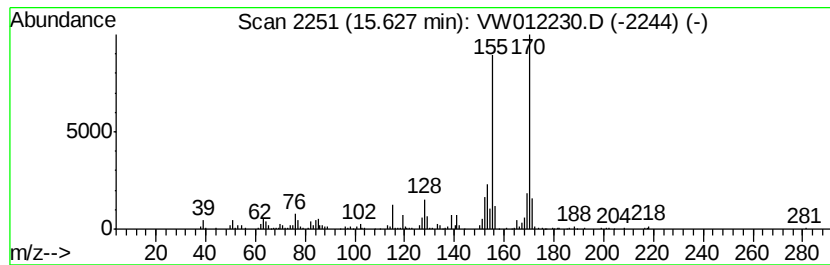
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MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

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 Naphthalene, 1,6,7-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	15.70 ug/l	236549	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 98
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 96
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 96
4		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 94
5		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012230.D
Acq On : 28 Aug 2019 03:16
Operator : SY/VA
Sample : K4551-08
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

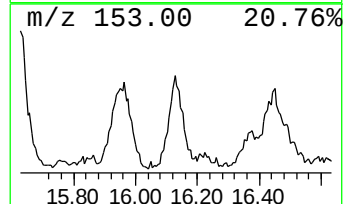
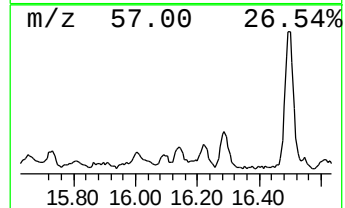
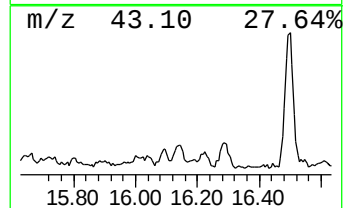
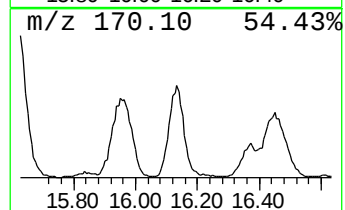
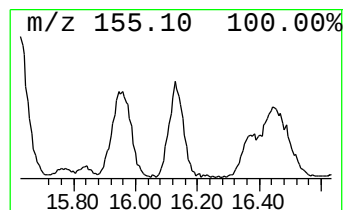
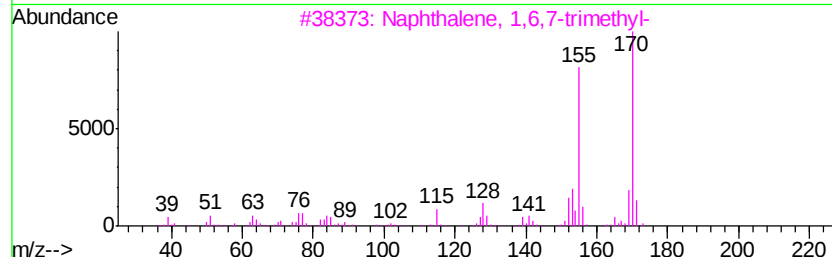
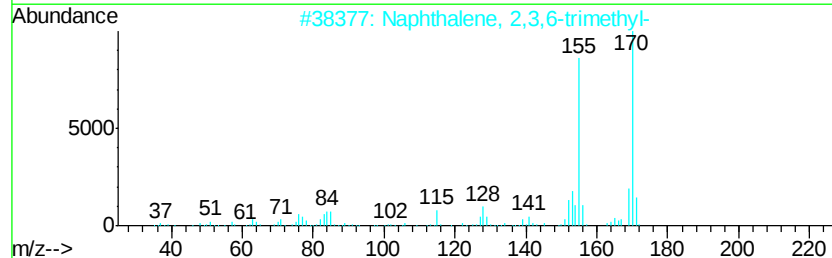
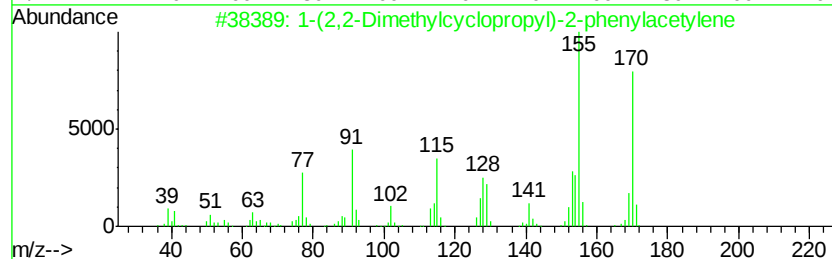
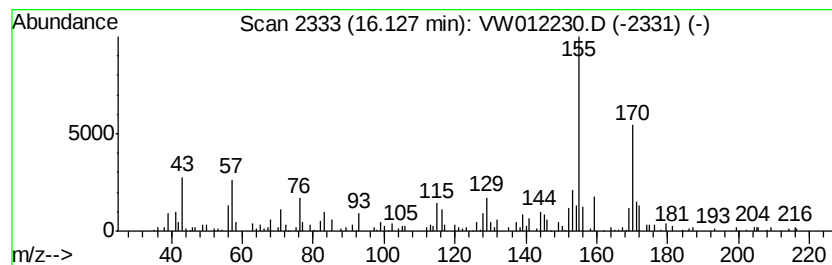
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Quant Title : SW846 8260

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

Peak Number 9 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	7.83 ug/l	118049	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	52
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	49
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	49
4		1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	46
5		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082719\
Data File : VW012230.D
Acq On : 28 Aug 2019 03:16
Operator : SY/VA
Sample : K4551-08
Misc : 6.86G/5ML/MSVOA W/SOIL
ALS Vial : 39 Sample Multiplier: 1

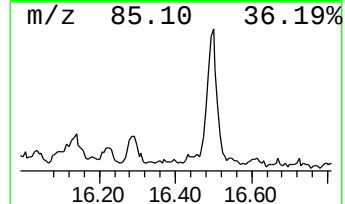
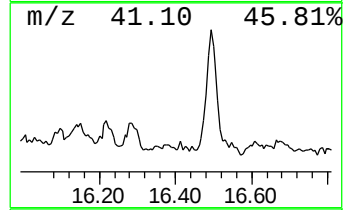
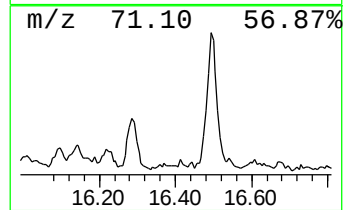
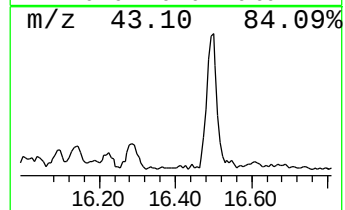
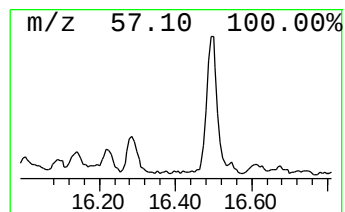
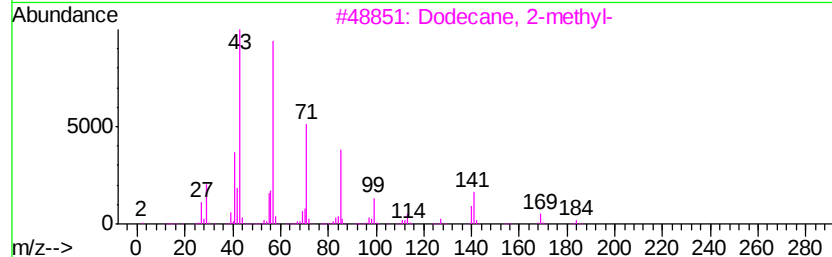
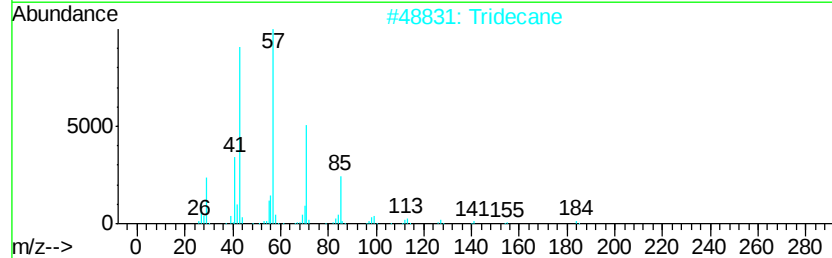
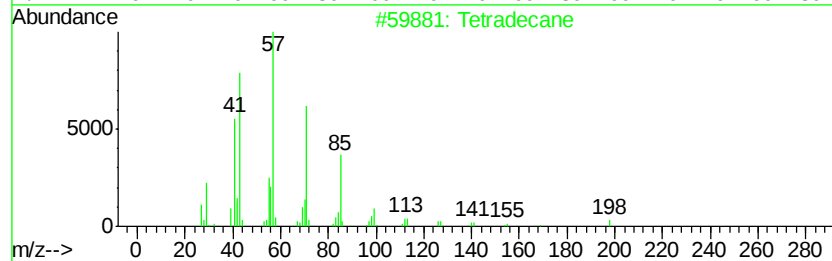
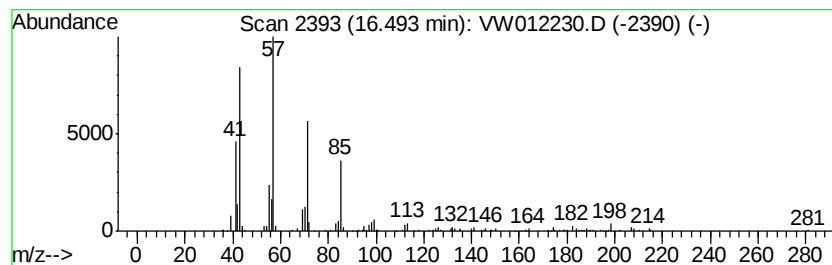
Instrument :
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ClientSampleId :
S400-K1-1.0-1.5-082619

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 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	9.33 ug/l	140621	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 96
2		Tridecane	184 C13H28	000629-50-5 93
3		Dodecane, 2-methyl-	184 C13H28	001560-97-0 81
4		Hexadecane	226 C16H34	000544-76-3 80
5		Hexatriacontane	507 C36H74	000630-06-8 72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
Data File : VW012230.D
Acq On : 28 Aug 2019 03:16
Operator : SY/VA
Sample : K4551-08
Misc : 6.86G/5ML/MSVOA_W/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-1.0-1.5-082619

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
Pentadecane	13.08	25.6	ug/l	386256	4	13.55	753402	50.0
Naphthalene, 1,3-...	13.33	12.0	ug/l	180207	4	13.55	753402	50.0
Naphthalene, 2,6-...	13.46	8.9	ug/l	133727	4	13.55	753402	50.0
1,1'-Biphenyl, 2-...	14.77	6.9	ug/l	104444	4	13.55	753402	50.0
Naphthalene, 2-(1...	15.08	12.7	ug/l	190763	4	13.55	753402	50.0
Dodecane	15.24	9.7	ug/l	146026	4	13.55	753402	50.0
Tridecane	15.55	5.9	ug/l	89037	4	13.55	753402	50.0
Naphthalene, 1,6,...	15.63	15.7	ug/l	236549	4	13.55	753402	50.0
1-(2,2-Dimethylcy...	16.13	7.8	ug/l	118049	4	13.55	753402	50.0
Tetradecane	16.49	9.3	ug/l	140621	4	13.55	753402	50.0