

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012312.D
 Acq On : 29 Aug 2019 19:04
 Operator : SY/VA
 Sample : K4472-10
 Misc : 5.41G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S1-(2.5)

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	2.154	34	41	48	rBV	10424	22210	1.26%	0.172%
2	4.915	480	494	507	rBV2	22333	79469	4.52%	0.617%
3	7.531	915	923	931	rBV2	7179	19236	1.09%	0.149%
4	7.884	972	981	985	rBV	155380	353245	20.07%	2.743%
5	7.945	985	991	1003	rVB	308727	684908	38.92%	5.318%
6	8.305	1040	1050	1060	rBV2	166641	379355	21.56%	2.945%
7	8.842	1130	1138	1148	rBV	462963	918413	52.19%	7.130%
8	10.323	1373	1381	1388	rBV	712287	1258640	71.52%	9.772%
9	10.390	1388	1392	1399	rVB	18990	34712	1.97%	0.269%
10	11.628	1589	1595	1604	rBV	553909	940477	53.44%	7.302%
11	12.414	1714	1724	1742	rBV2	106270	485237	27.57%	3.767%
12	12.615	1751	1757	1776	rVB	440352	915247	52.01%	7.106%
13	12.871	1780	1799	1829	rVB3	242517	1759905	100.00%	13.664%
14	13.164	1843	1847	1853	rBV4	16845	25343	1.44%	0.197%
15	13.310	1859	1871	1884	rBV3	208040	994815	56.53%	7.724%
16	13.451	1886	1894	1905	rVV2	128675	493107	28.02%	3.828%
17	13.554	1906	1911	1920	rVV	404369	668319	37.97%	5.189%
18	13.621	1920	1922	1931	rVB10	9745	22396	1.27%	0.174%
19	13.877	1959	1964	1968	rBV8	25787	47807	2.72%	0.371%
20	13.957	1969	1977	1987	rVB4	44072	148741	8.45%	1.155%
21	14.091	1997	1999	2004	rVB2	26398	34681	1.97%	0.269%
22	14.206	2013	2018	2022	rVB4	14719	25258	1.44%	0.196%
23	14.298	2023	2033	2035	rBV6	21122	61846	3.51%	0.480%
24	14.383	2044	2047	2051	rBV4	19089	28192	1.60%	0.219%
25	14.542	2069	2073	2080	rVB8	20825	46429	2.64%	0.360%
26	14.688	2093	2097	2100	rBV3	18252	29567	1.68%	0.230%
27	14.798	2110	2115	2119	rBV5	47109	100572	5.71%	0.781%
28	14.841	2119	2122	2130	rVB3	49826	99670	5.66%	0.774%
29	14.962	2139	2142	2146	rVB5	15214	24482	1.39%	0.190%
30	15.066	2154	2159	2163	rBV3	36289	64917	3.69%	0.504%
31	15.176	2172	2177	2184	rBV4	35566	74689	4.24%	0.580%
32	15.328	2197	2202	2206	rBV	72298	131778	7.49%	1.023%
33	15.475	2221	2226	2229	rBV5	23372	47219	2.68%	0.367%
34	15.657	2248	2256	2262	rBV5	66466	164613	9.35%	1.278%

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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	15.731	2264	2268	2274	rVB5	32402	56346	3.20%	0.437%
36	15.822	2277	2283	2287	rBV5	31033	70885	4.03%	0.550%
37	15.950	2300	2304	2309	rVB3	27165	43741	2.49%	0.340%
38	16.023	2309	2316	2322	rBV6	36603	96413	5.48%	0.749%
39	16.170	2335	2340	2344	rBV5	31905	62062	3.53%	0.482%
40	16.285	2355	2359	2365	rBV2	45712	79866	4.54%	0.620%
41	16.444	2378	2385	2398	rVB	311224	685166	38.93%	5.320%
42	16.645	2410	2418	2430	rVB	221841	600261	34.11%	4.660%

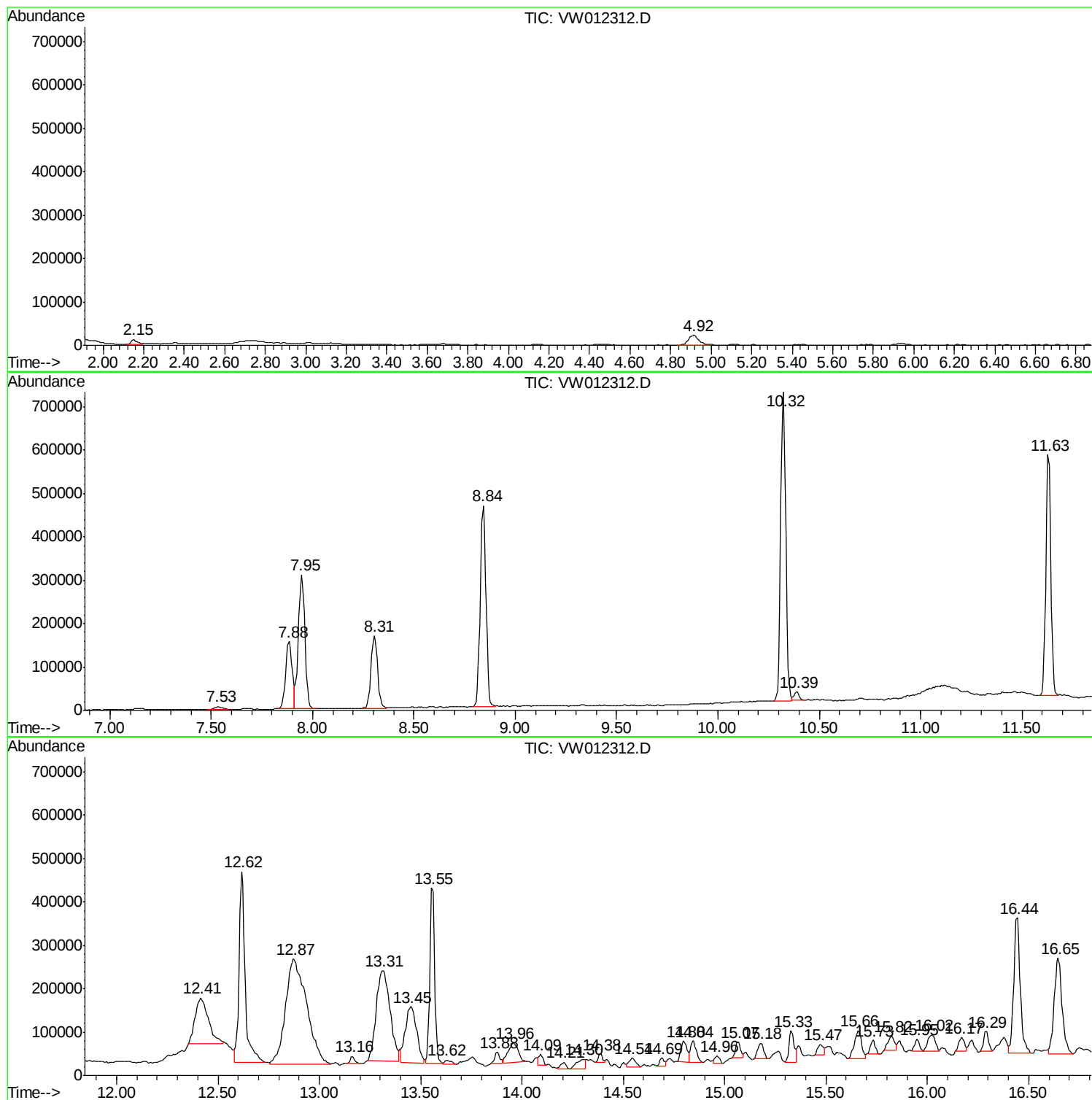
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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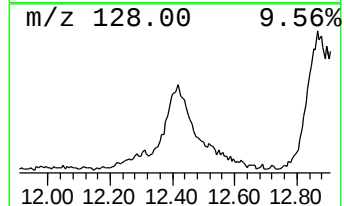
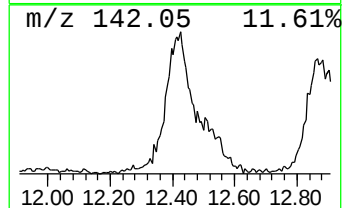
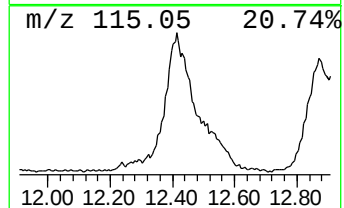
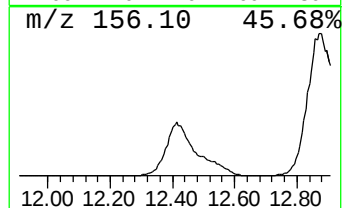
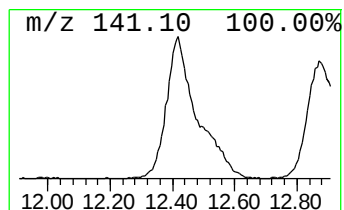
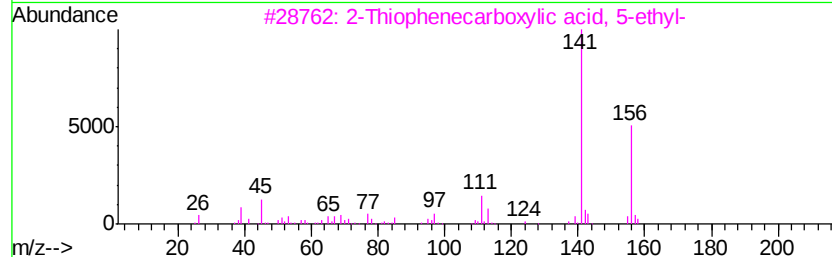
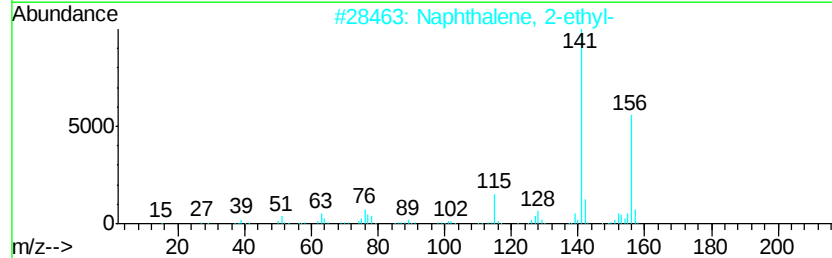
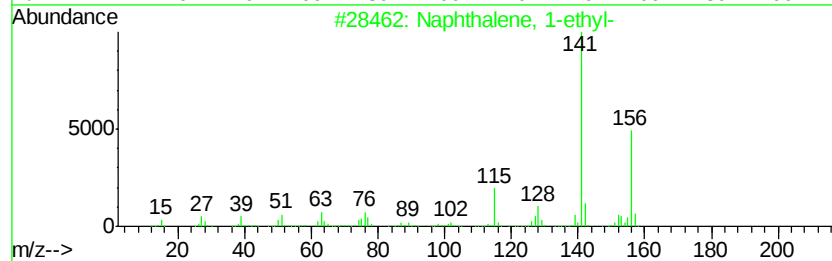
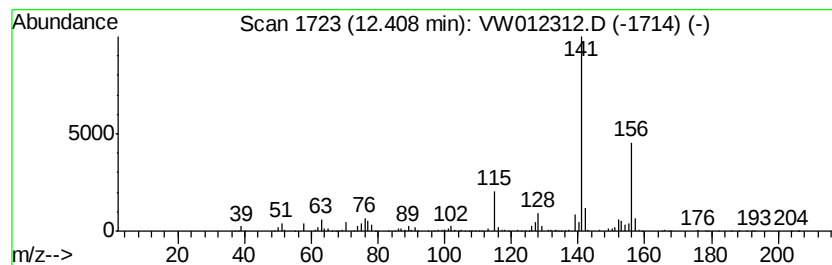
Instrument :
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ClientSampleId :
T2-S1-(2.5)

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 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.41	25.80 ug/l	485237	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	64
4		Butethal	212	C10H16N2O3	000077-28-1	59
5		Ethanone, 1-(2,6-difluorophenyl)-	156	C8H6F2O	013670-99-0	58



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Instrument :
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ClientSampleId :
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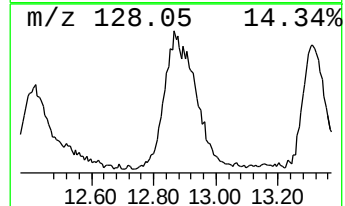
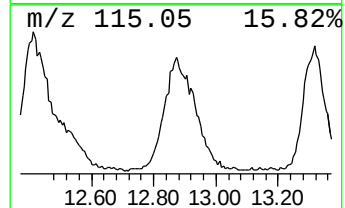
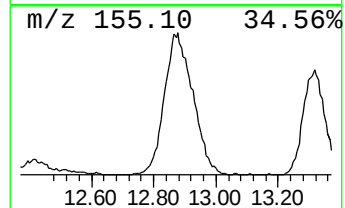
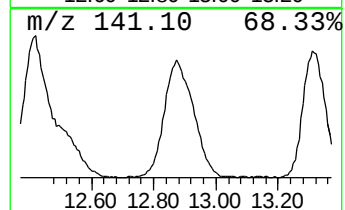
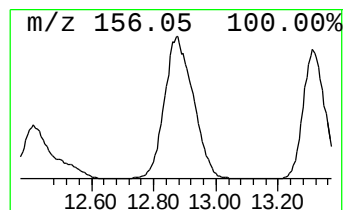
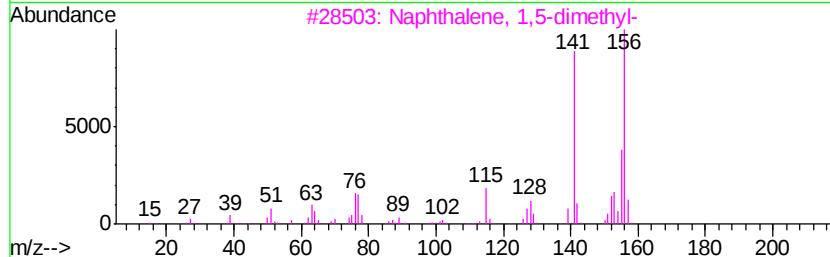
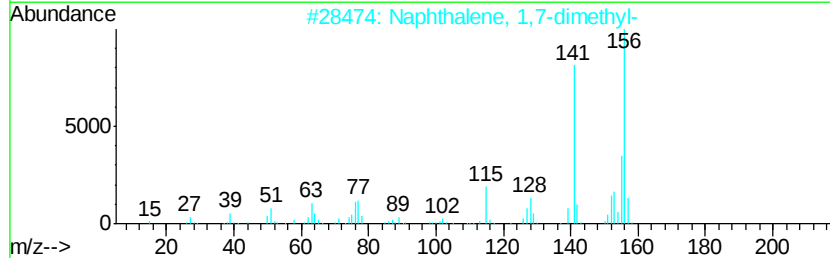
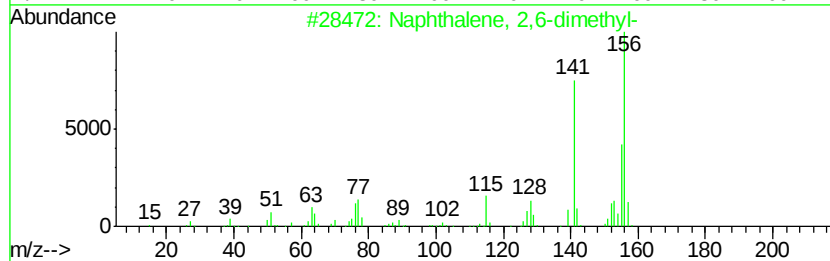
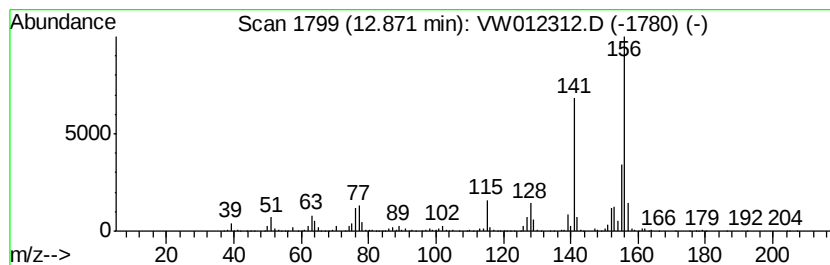
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	131.67 ug/l	1759910	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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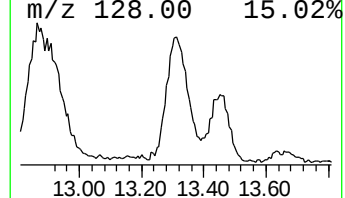
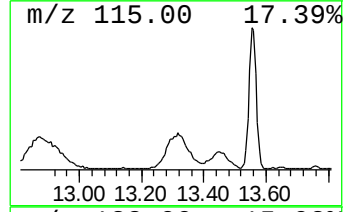
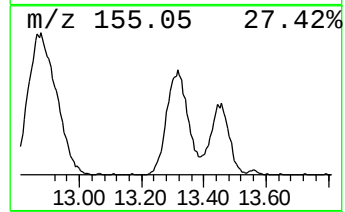
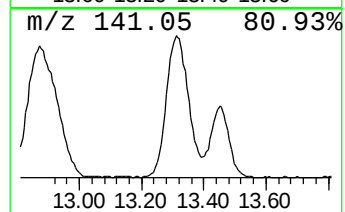
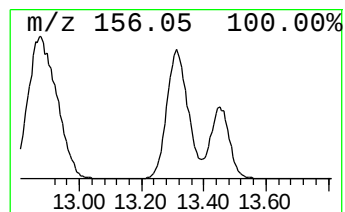
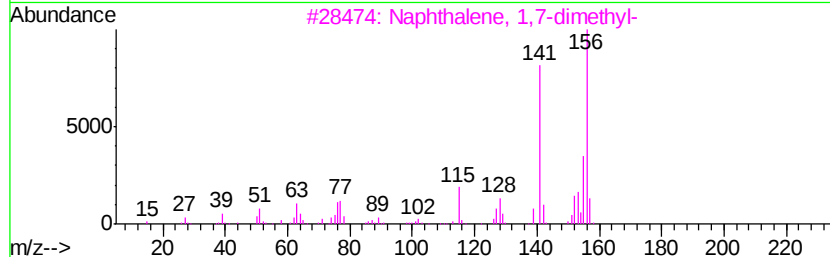
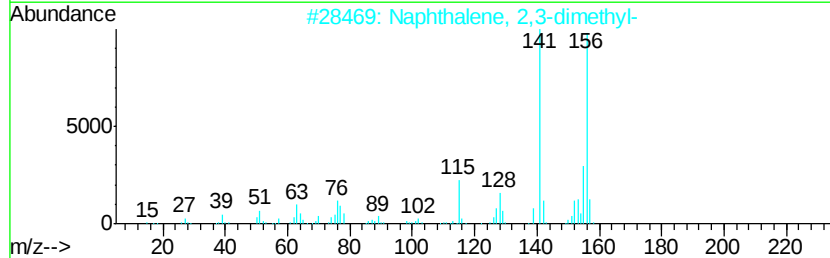
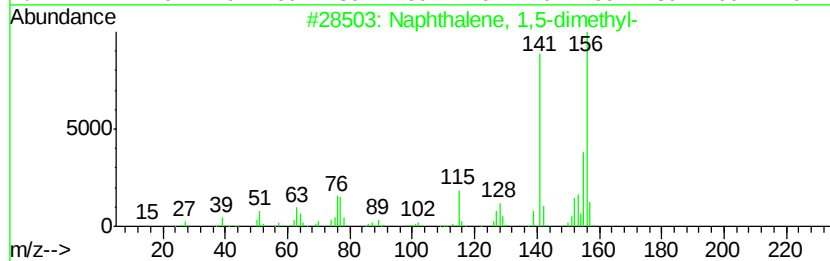
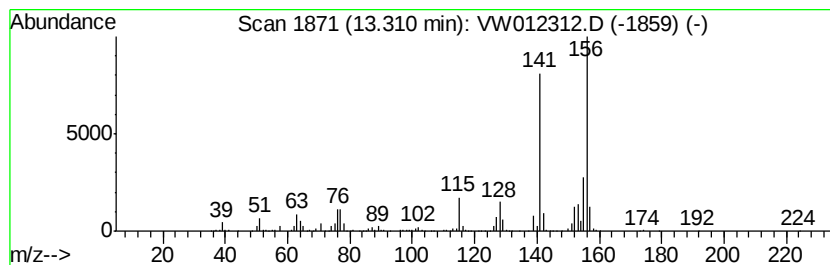
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	74.43 ug/l	994815	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



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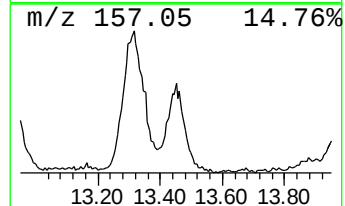
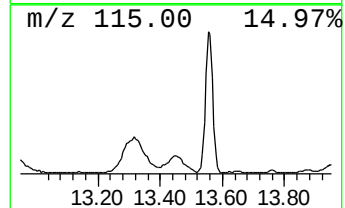
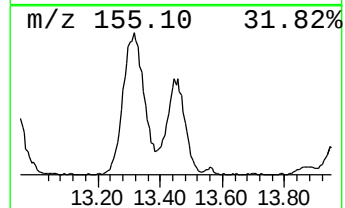
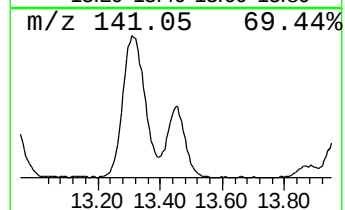
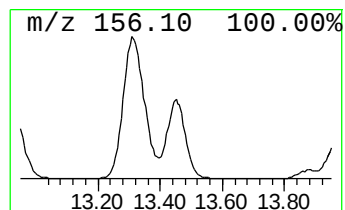
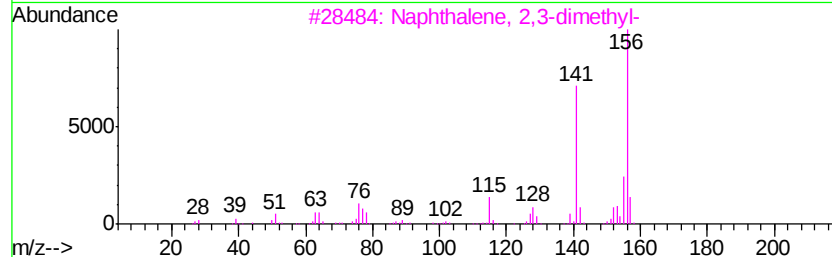
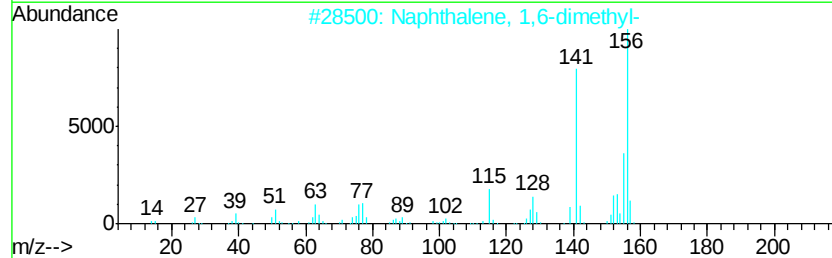
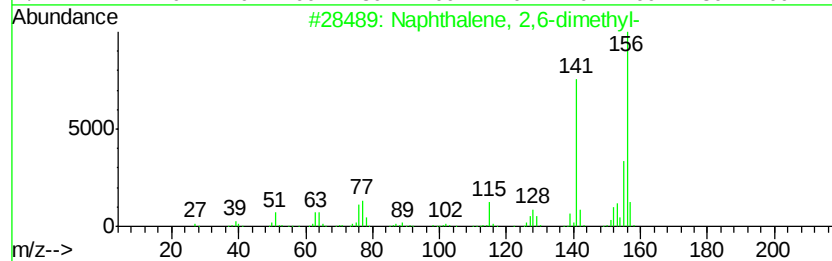
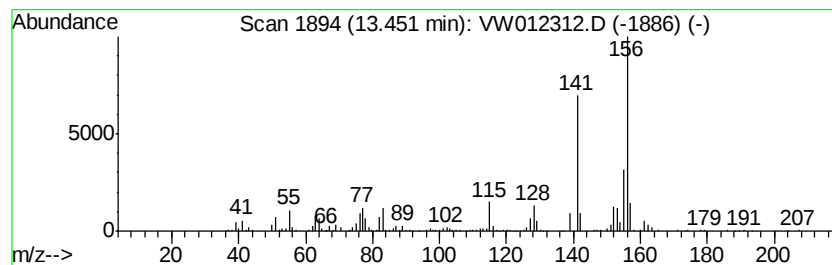
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	36.89 ug/l	493107	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



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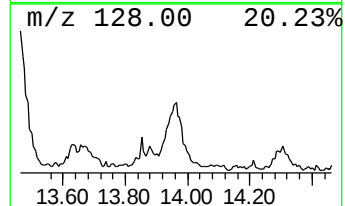
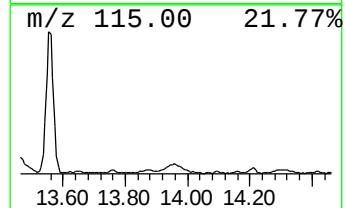
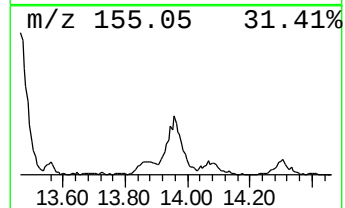
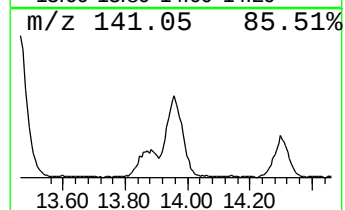
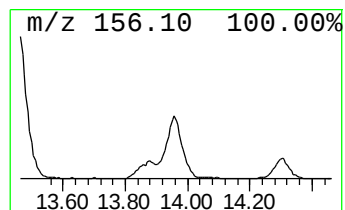
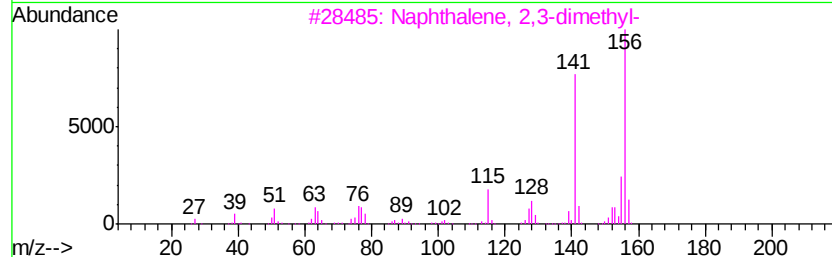
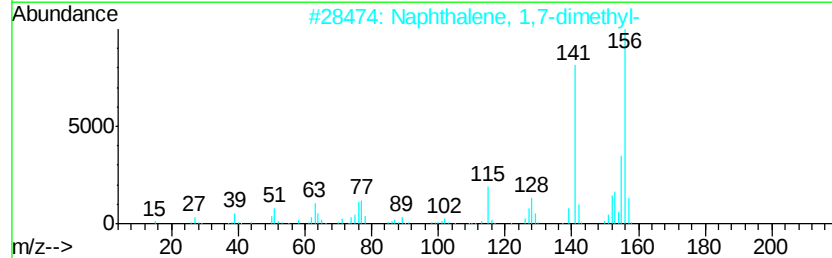
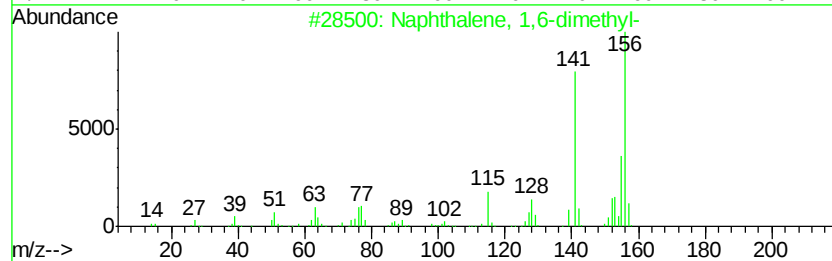
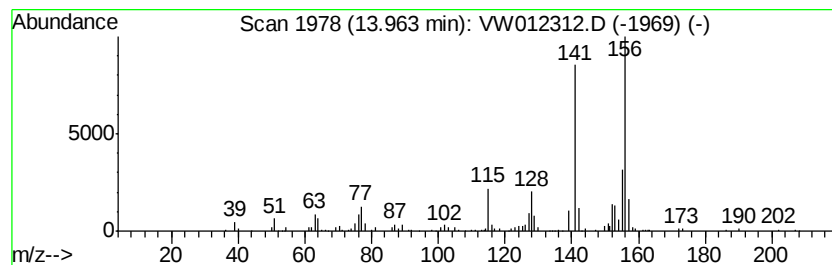
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	11.13 ug/l	148741	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	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082919\
Data File : VW012312.D
Acq On : 29 Aug 2019 19:04
Operator : SY/VA
Sample : K4472-10
Misc : 5.41G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
T2-S1-(2.5)

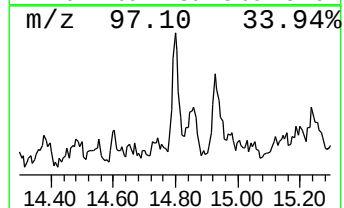
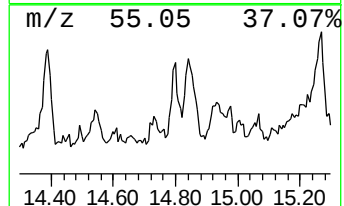
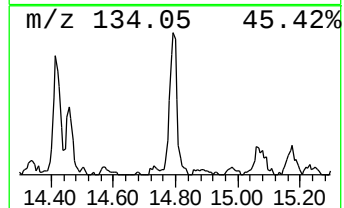
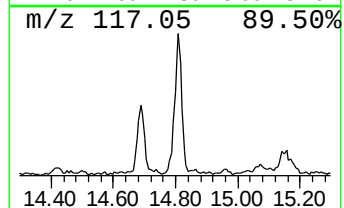
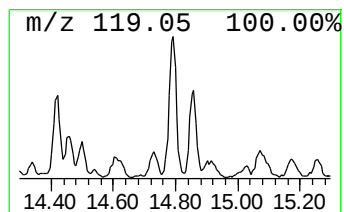
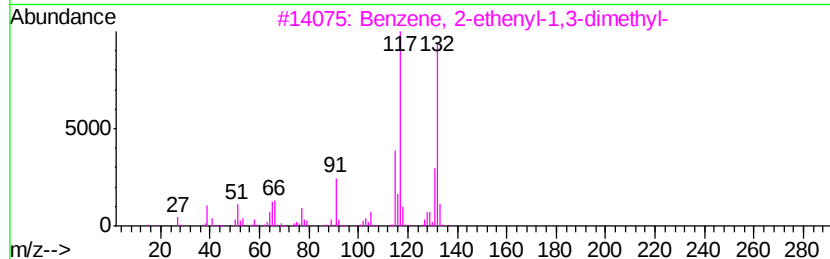
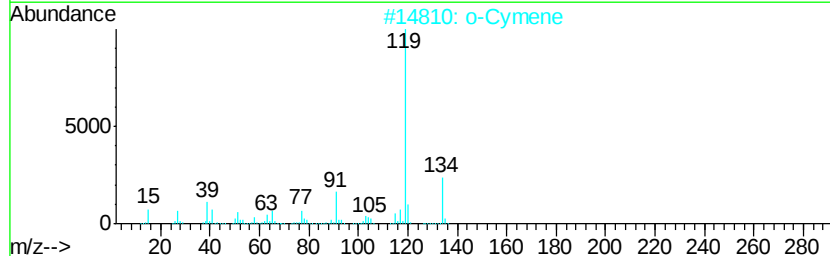
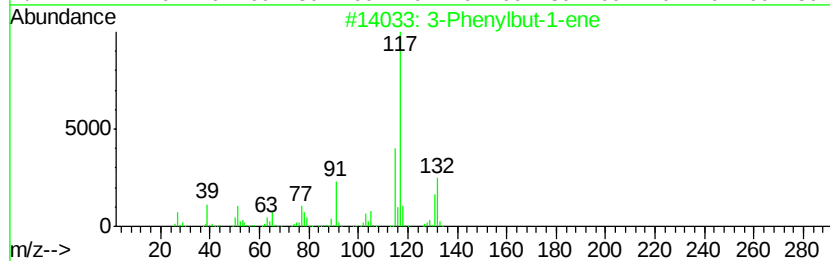
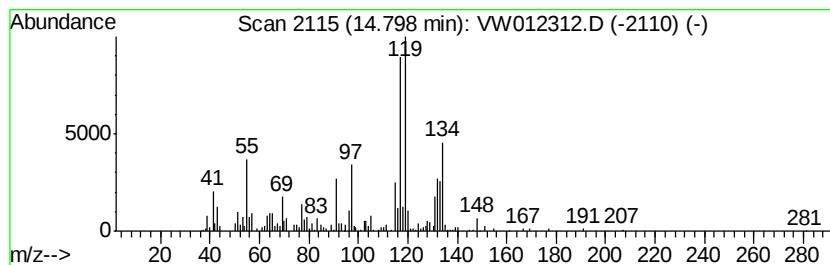
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.80 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.52 ug/l	100572	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylbut-1-ene	132	C10H12	000934-10-1	46
2		o-Cymene	134	C10H14	000527-84-4	46
3		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	46
4		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	46
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082919\
Data File : VW012312.D
Acq On : 29 Aug 2019 19:04
Operator : SY/VA
Sample : K4472-10
Misc : 5.41G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T2-S1-(2.5)

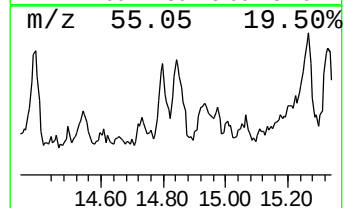
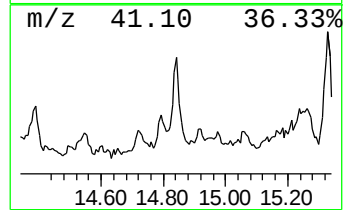
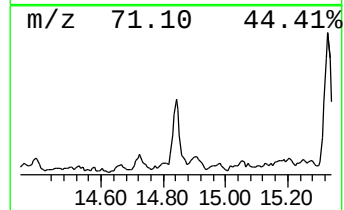
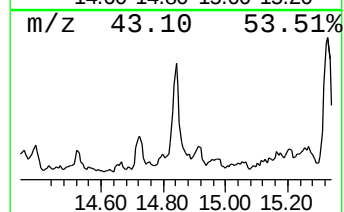
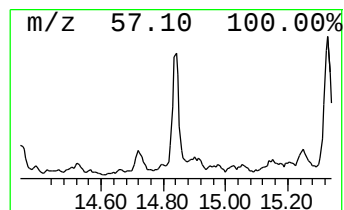
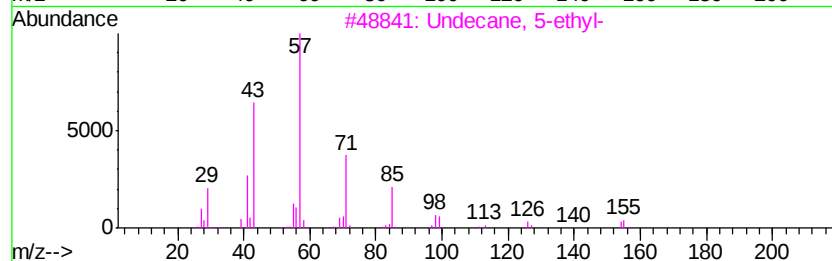
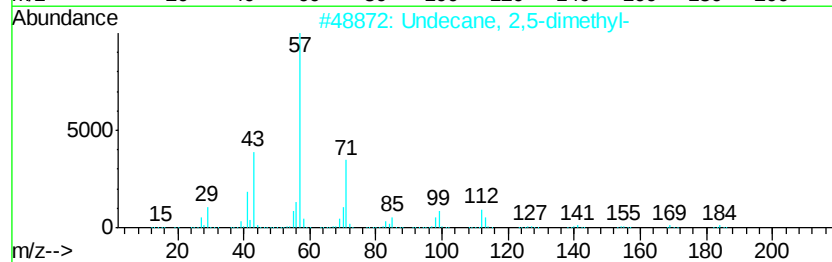
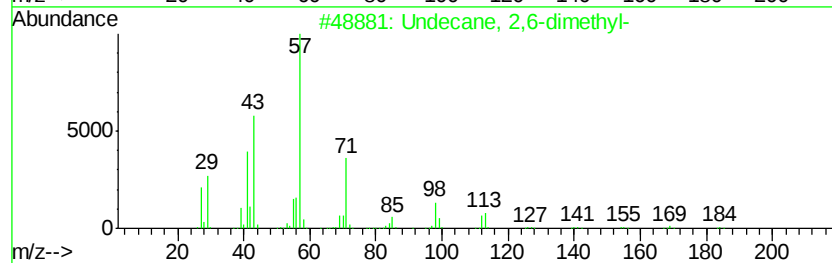
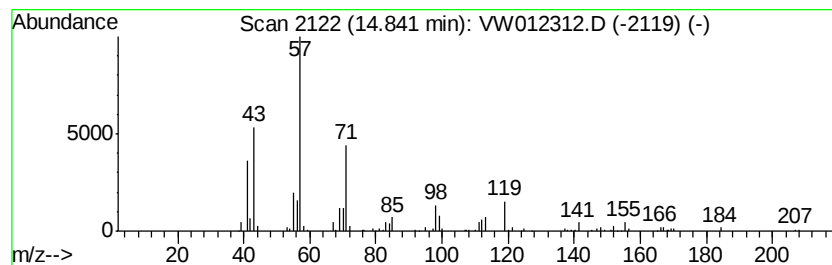
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.46 ug/l	99670	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	89
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	52
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082919\
Data File : VW012312.D
Acq On : 29 Aug 2019 19:04
Operator : SY/VA
Sample : K4472-10
Misc : 5.41G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T2-S1-(2.5)

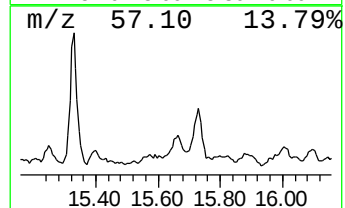
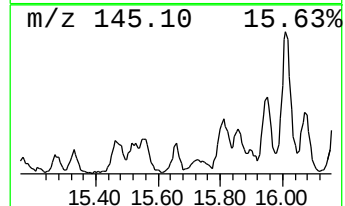
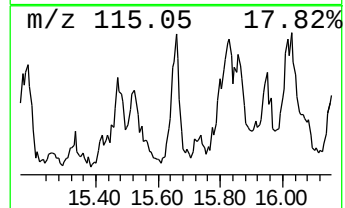
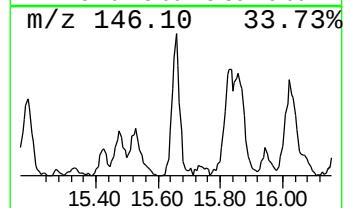
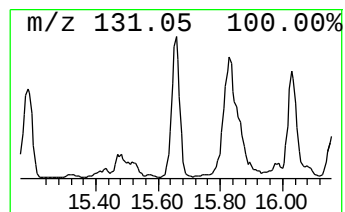
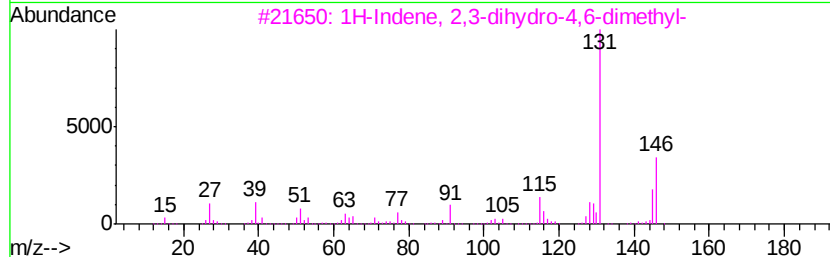
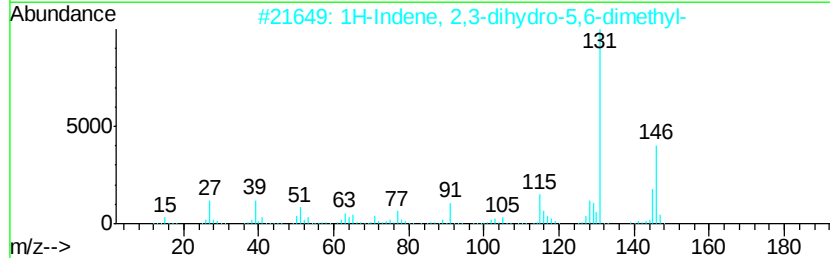
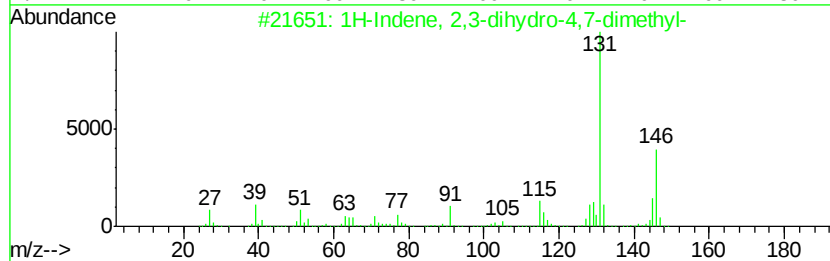
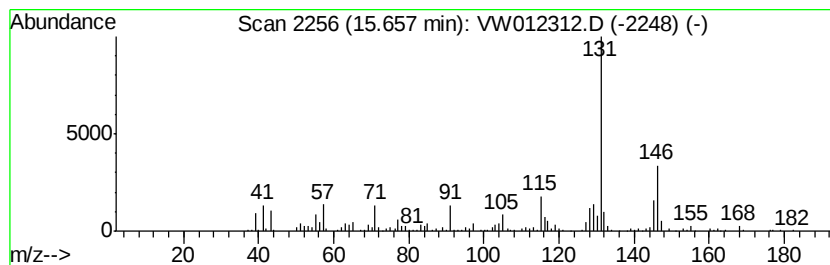
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	12.32 ug/l	164613	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	97
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	96
3		1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	94
4		1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
5		Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082919\
Data File : VW012312.D
Acq On : 29 Aug 2019 19:04
Operator : SY/VA
Sample : K4472-10
Misc : 5.41G/5ML/MSVOA W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T2-S1-(2.5)

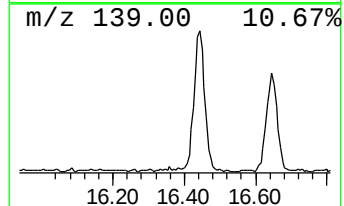
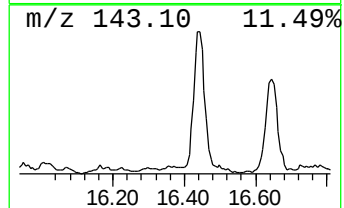
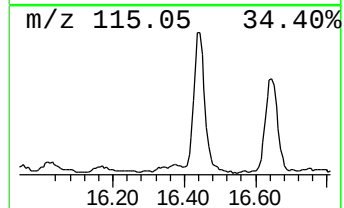
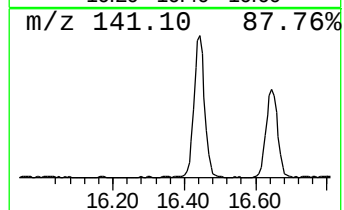
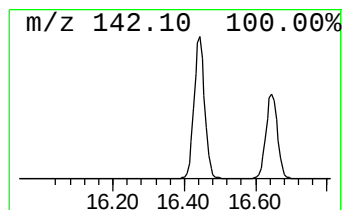
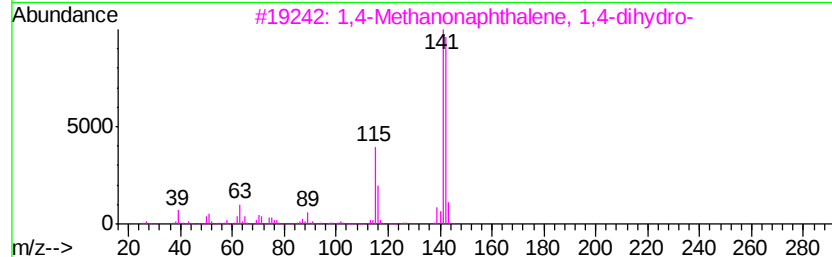
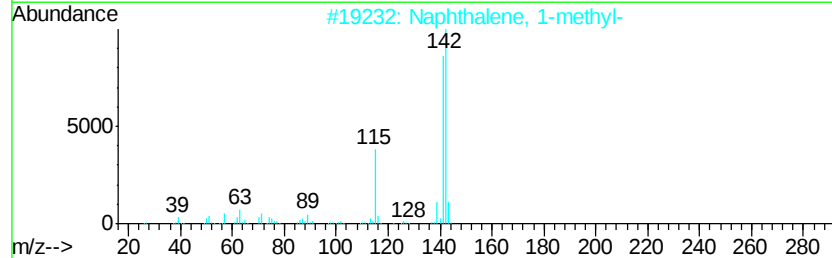
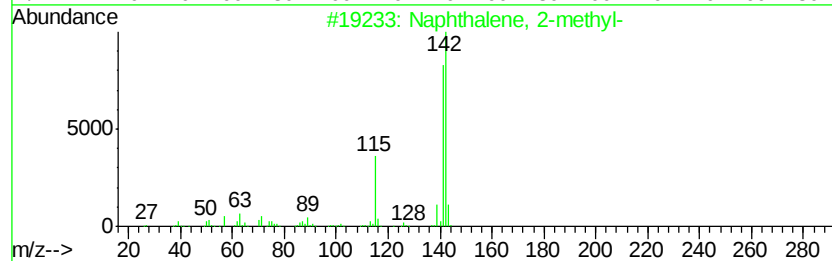
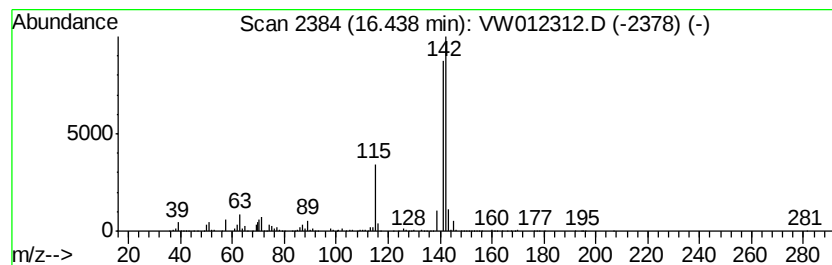
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	51.26 ug/l	685166	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	93
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082919\
Data File : VW012312.D
Acq On : 29 Aug 2019 19:04
Operator : SY/VA
Sample : K4472-10
Misc : 5.41G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T2-S1-(2.5)

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
Naphthalene, 1-et...	12.41	25.8	ug/l	485237	3	11.63	940477	50.0
Naphthalene, 2,6-...	12.87	131.7	ug/l	1759910	4	13.56	668319	50.0
Naphthalene, 1,5-...	13.31	74.4	ug/l	994815	4	13.56	668319	50.0
Naphthalene, 2,6-...	13.45	36.9	ug/l	493107	4	13.56	668319	50.0
Naphthalene, 1,6-...	13.96	11.1	ug/l	148741	4	13.56	668319	50.0
unknown14.80	14.80	7.5	ug/l	100572	4	13.56	668319	50.0
Undecane, 2,6-dim...	14.84	7.5	ug/l	99670	4	13.56	668319	50.0
1H-Indene, 2,3-di...	15.66	12.3	ug/l	164613	4	13.56	668319	50.0
Naphthalene, 2-me...	16.44	51.3	ug/l	685166	4	13.56	668319	50.0