

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082819\
 Data File : VW012284.D
 Acq On : 29 Aug 2019 05:54
 Operator : SY/VA
 Sample : K4536-02
 Misc : 3.95G/5ML/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-15-17

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	1.959	6	9	36	rVB3	63933	195982	13.72%	1.440%
2	2.148	36	40	48	rVB2	8041	18506	1.30%	0.136%
3	2.349	69	73	81	rVB	19251	34957	2.45%	0.257%
4	4.123	353	364	384	rBV	36392	113211	7.92%	0.832%
5	4.367	395	404	415	rBV2	7934	24235	1.70%	0.178%
6	4.909	481	493	508	rBV	24121	89753	6.28%	0.660%
7	7.171	846	864	875	rBV2	18123	61627	4.31%	0.453%
8	7.531	916	923	934	rBV3	5267	15537	1.09%	0.114%
9	7.878	970	980	985	rBV	175036	413344	28.93%	3.037%
10	7.945	985	991	1003	rVB	353277	781039	54.67%	5.739%
11	8.305	1040	1050	1061	rBV	196318	446435	31.25%	3.280%
12	8.841	1128	1138	1148	rBV	524327	1056488	73.95%	7.763%
13	9.140	1179	1187	1194	rBV2	8730	18000	1.26%	0.132%
14	10.323	1373	1381	1387	rBV	803312	1428617	100.00%	10.497%
15	10.384	1387	1391	1398	rVB	53030	95784	6.70%	0.704%
16	10.701	1438	1443	1450	rBV2	8036	15417	1.08%	0.113%
17	11.402	1553	1558	1563	rBV4	13928	34587	2.42%	0.254%
18	11.628	1588	1595	1603	rVB	652077	1096162	76.73%	8.055%
19	12.615	1751	1757	1776	rVB	476571	840202	58.81%	6.174%
20	12.865	1786	1798	1799	rBV2	124281	318415	22.29%	2.340%
21	13.316	1858	1872	1885	rBV2	194867	959742	67.18%	7.052%
22	13.450	1886	1894	1905	rVV2	130516	512018	35.84%	3.762%
23	13.554	1906	1911	1918	rVB	474342	775459	54.28%	5.698%
24	13.755	1939	1944	1947	rBV4	17344	36145	2.53%	0.266%
25	13.877	1960	1964	1968	rBV7	21330	47109	3.30%	0.346%
26	13.956	1971	1977	1984	rVV3	82492	276608	19.36%	2.033%
27	14.036	1988	1990	1994	rVV2	34774	57390	4.02%	0.422%
28	14.097	1996	2000	2008	rVB	68852	114655	8.03%	0.842%
29	14.200	2013	2017	2022	rBV3	18661	34812	2.44%	0.256%
30	14.304	2028	2034	2036	rBV3	28052	60693	4.25%	0.446%
31	14.414	2049	2052	2056	rBV	48431	63531	4.45%	0.467%
32	14.456	2056	2059	2063	rVB	96159	130933	9.17%	0.962%
33	14.499	2063	2066	2069	rBV2	13630	21069	1.47%	0.155%
34	14.682	2094	2096	2100	rVB2	21943	26380	1.85%	0.194%

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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	14.725	2101	2103	2106	rVV4	17646	22813	1.60%	0.168%
36	14.792	2110	2114	2120	rVB2	77488	157831	11.05%	1.160%
37	15.072	2151	2160	2170	rBV3	156184	564098	39.49%	4.145%
38	15.255	2184	2190	2197	rVB5	37201	98883	6.92%	0.727%
39	15.328	2199	2202	2205	rBV3	19537	33478	2.34%	0.246%
40	15.493	2222	2229	2242	rVB3	159212	567919	39.75%	4.173%
41	15.627	2242	2251	2263	rBV3	166700	554734	38.83%	4.076%
42	15.950	2295	2304	2321	rVB4	107973	453290	31.73%	3.331%
43	16.133	2324	2334	2344	rVV	117964	398143	27.87%	2.926%
44	16.285	2355	2359	2363	rBV2	19185	29623	2.07%	0.218%
45	16.371	2366	2373	2378	rVV5	47193	156766	10.97%	1.152%
46	16.444	2380	2385	2399	rVB3	84578	356708	24.97%	2.621%

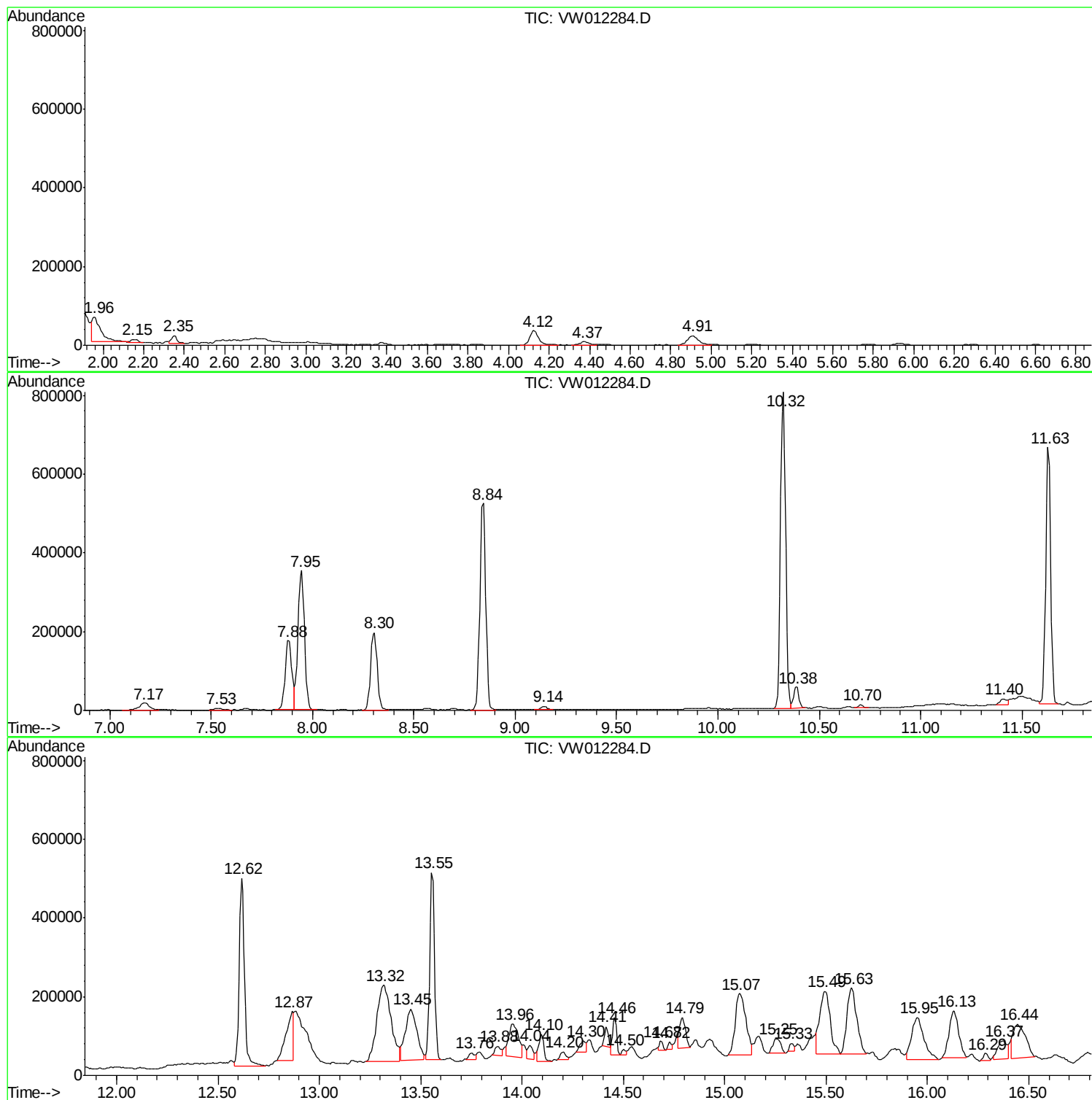
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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



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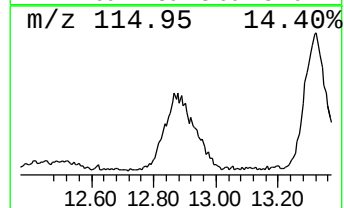
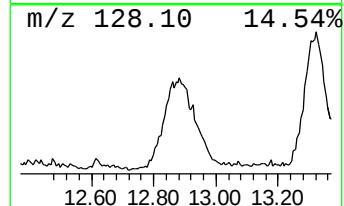
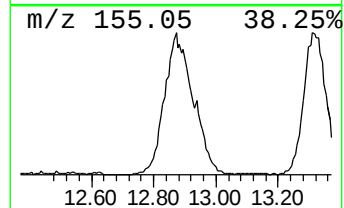
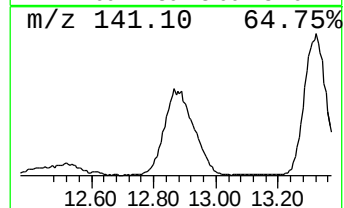
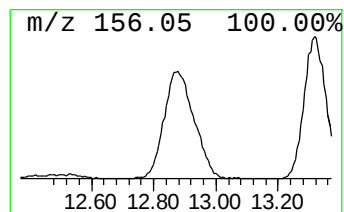
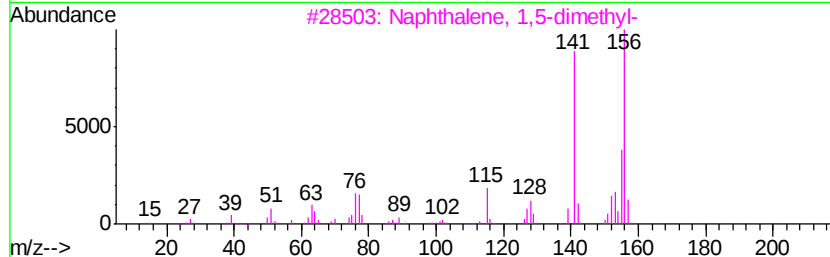
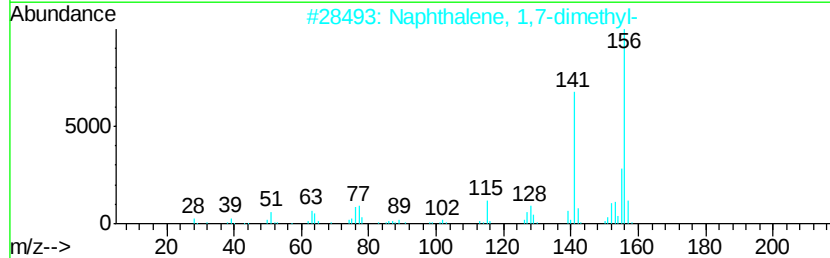
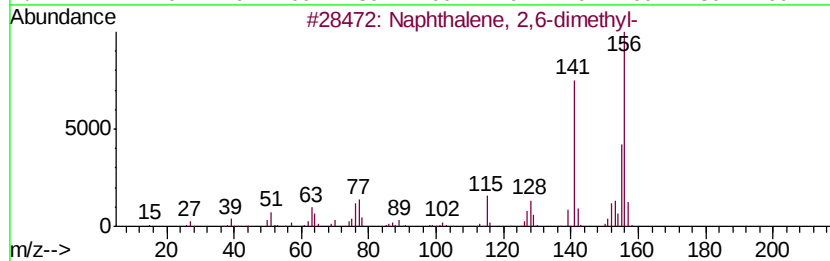
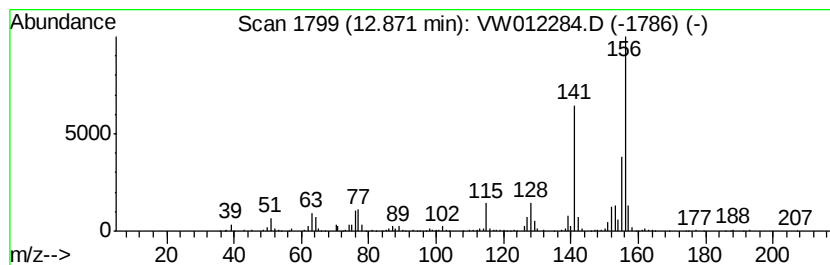
Instrument :
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ClientSampleId :
SB-1-15-17

Quant Method : Z:\VOASRV\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, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.87	20.53 ug/l	318415	1,4-Dichlorobenzene-d4	13.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



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ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1-15-17

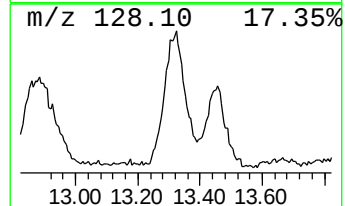
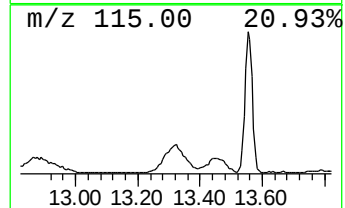
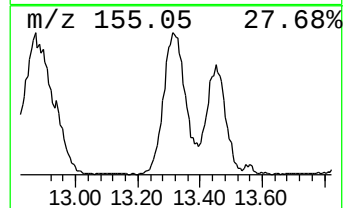
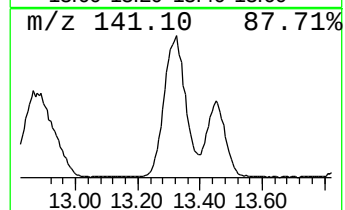
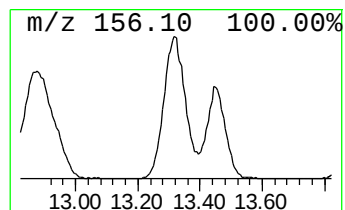
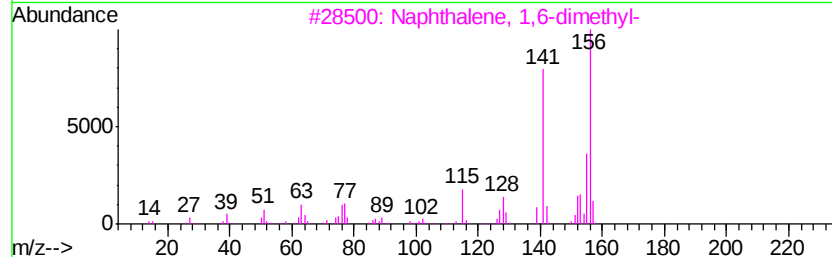
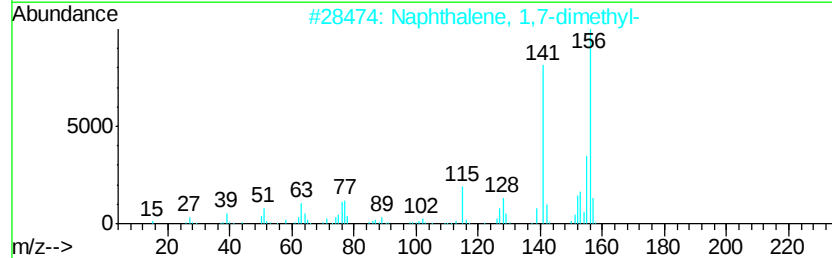
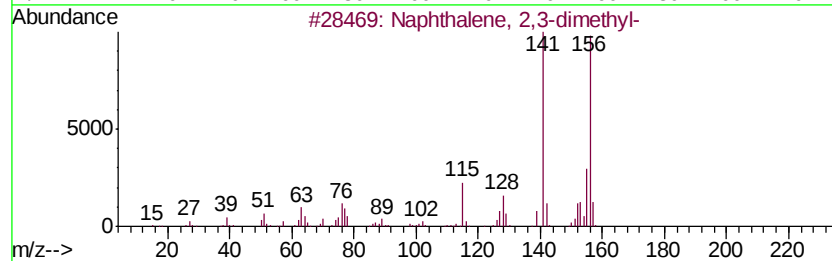
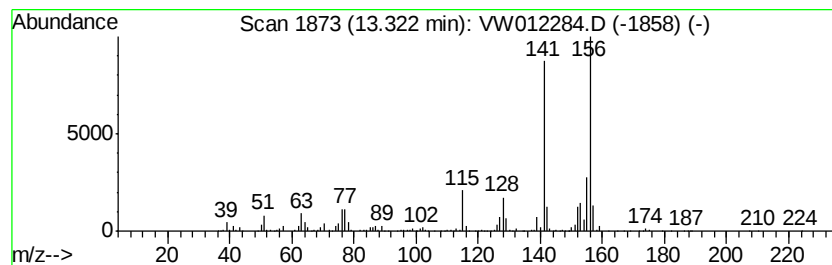
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	61.88 ug/l	959742	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Acq On : 29 Aug 2019 05:54
Operator : SY/VA
Sample : K4536-02
Misc : 3.95G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

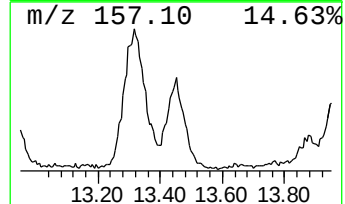
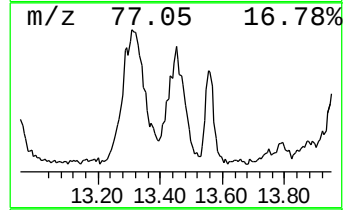
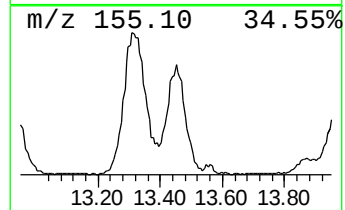
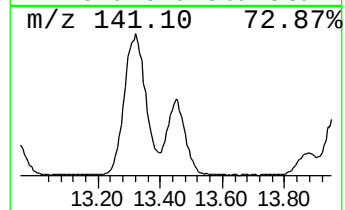
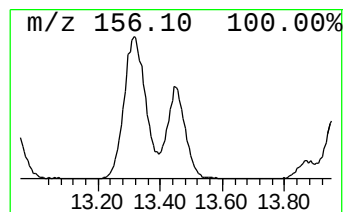
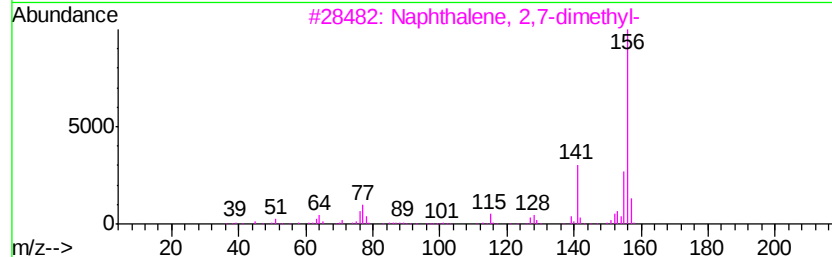
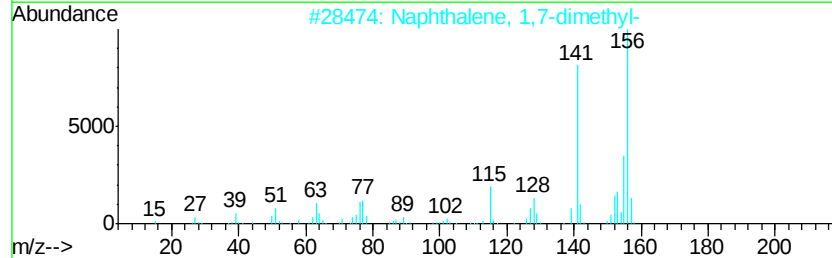
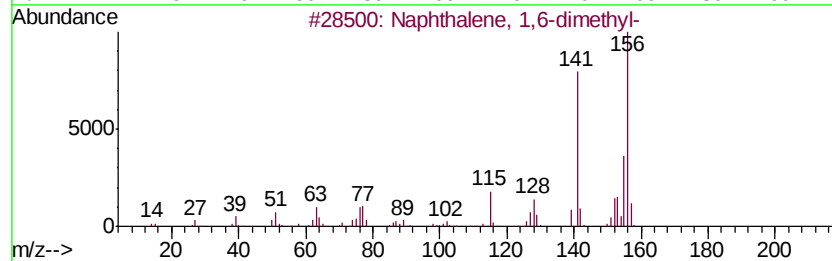
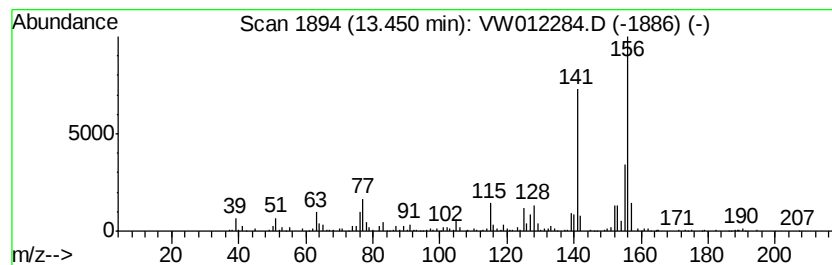
Instrument :
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ClientSampled :
SB-1-15-17

Quant Method : Z:\VOASRV\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, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	33.01 ug/l	512018	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95



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ALS Vial : 47 Sample Multiplier: 1

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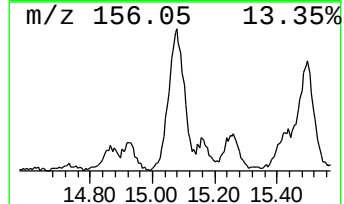
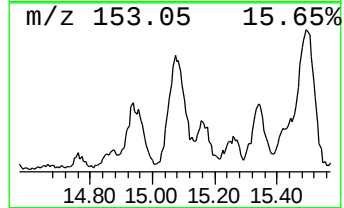
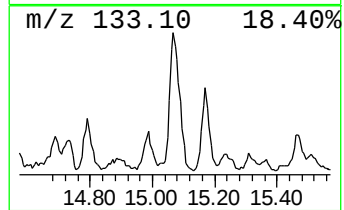
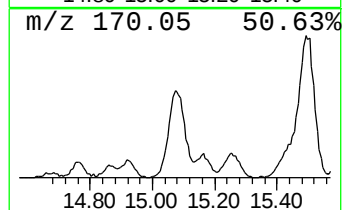
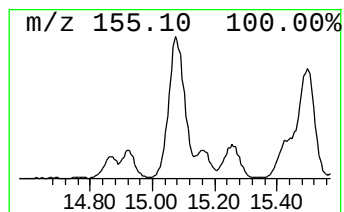
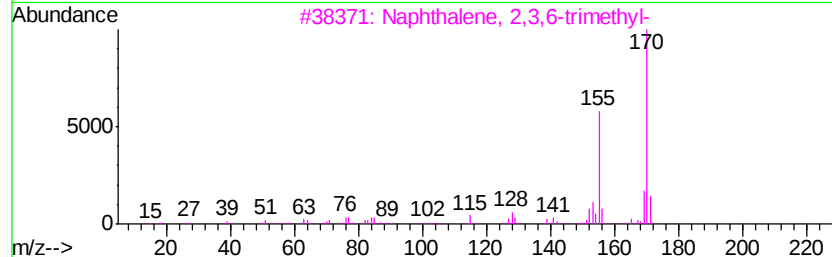
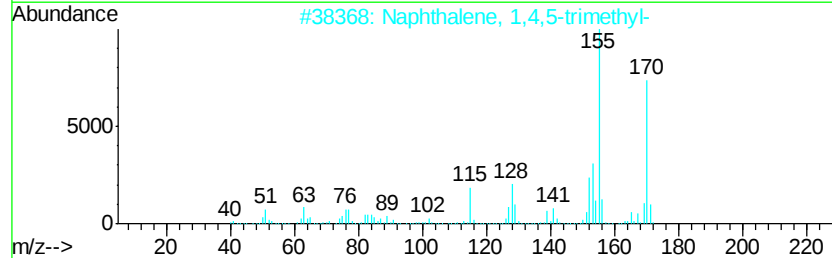
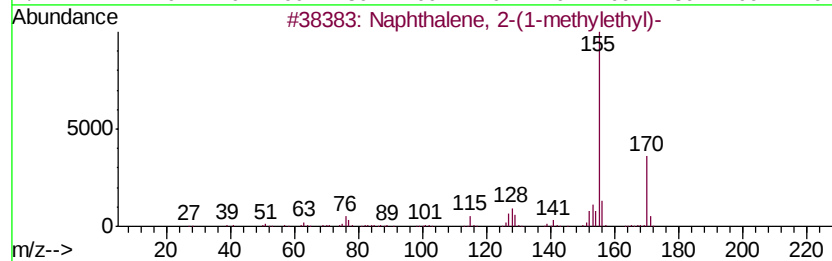
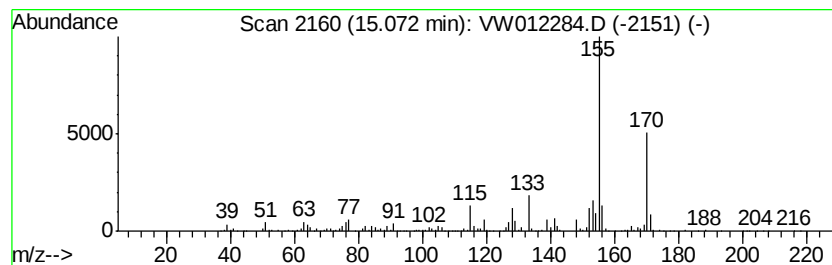
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	36.37 ug/l	564098	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5		Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64



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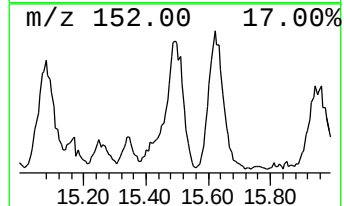
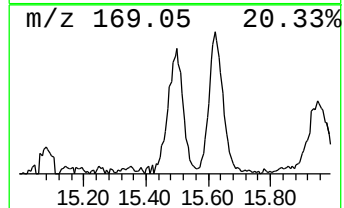
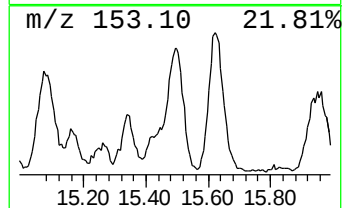
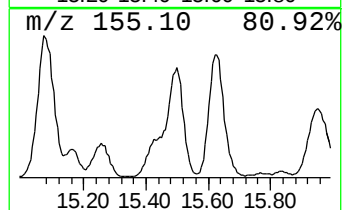
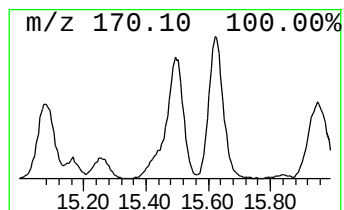
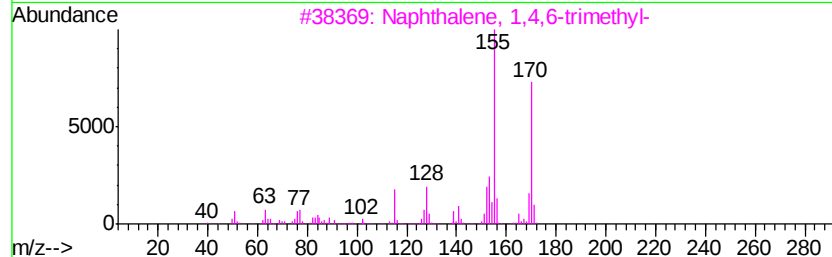
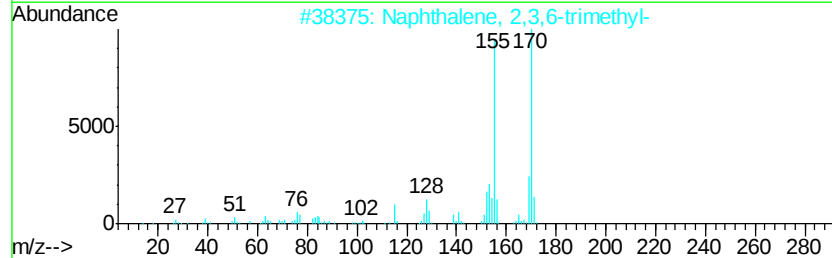
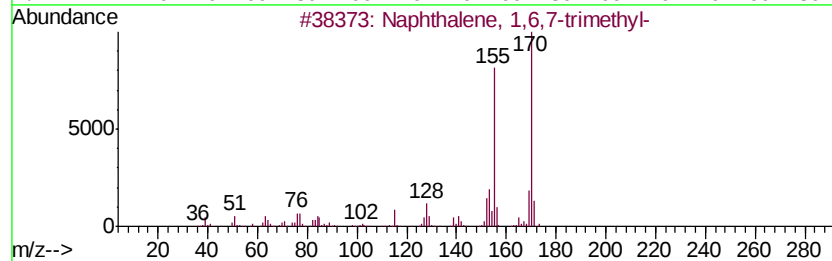
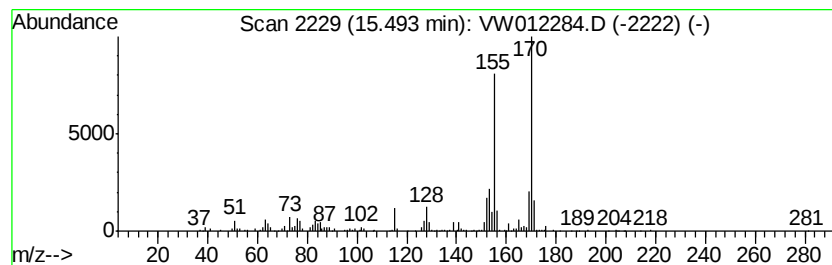
Instrument :
MSVOA_W
ClientSampleId :
SB-1-15-17

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

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	36.62 ug/l	567919	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170 C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082819\
Data File : VW012284.D
Acq On : 29 Aug 2019 05:54
Operator : SY/VA
Sample : K4536-02
Misc : 3.95G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1-15-17

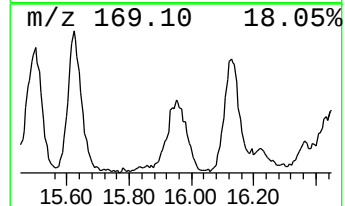
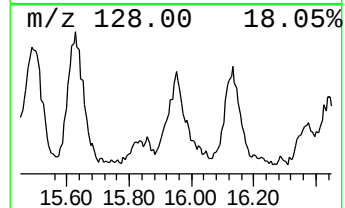
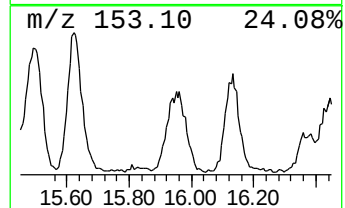
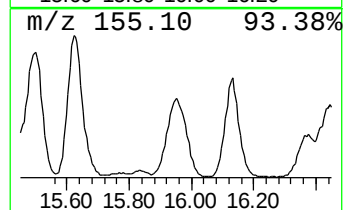
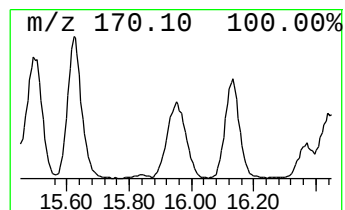
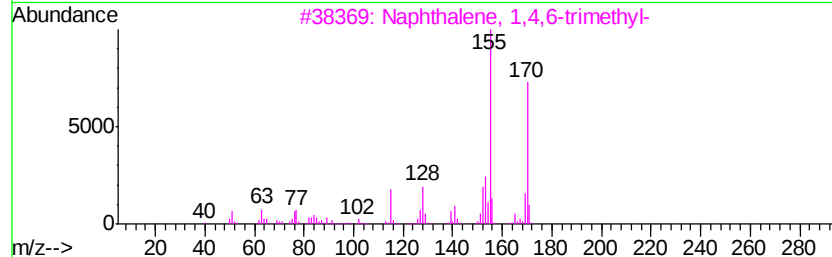
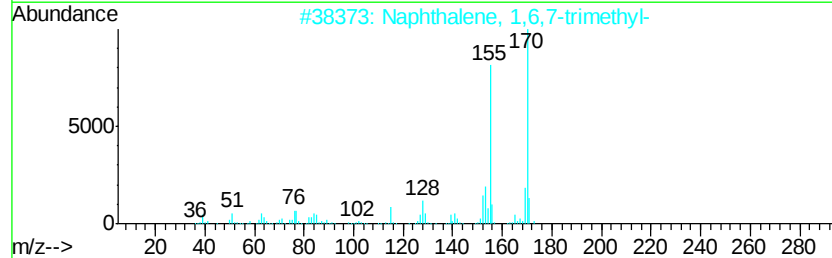
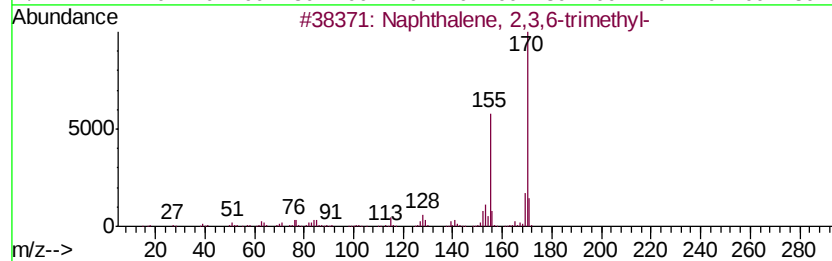
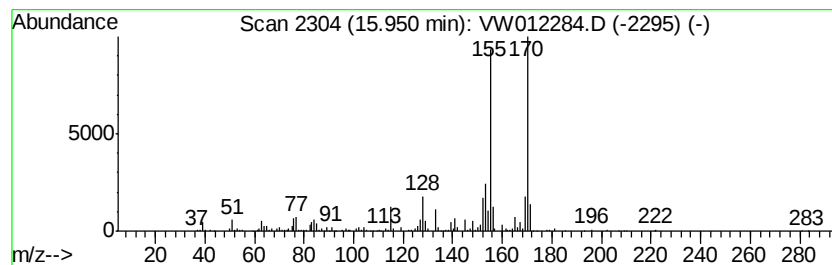
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	29.23 ug/l	453290	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082819\
Data File : VW012284.D
Acq On : 29 Aug 2019 05:54
Operator : SY/VA
Sample : K4536-02
Misc : 3.95G/5ML/MSVOA_W/SOIL
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1-15-17

Quant Method : Z:\VOASRV\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, 2,6-...	12.87	20.5	ug/l	318415	4	13.56	775459	50.0
Naphthalene, 2,3-...	13.32	61.9	ug/l	959742	4	13.56	775459	50.0
Naphthalene, 1,6-...	13.45	33.0	ug/l	512018	4	13.56	775459	50.0
Naphthalene, 2-(1...	15.07	36.4	ug/l	564098	4	13.56	775459	50.0
Naphthalene, 1,6,...	15.49	36.6	ug/l	567919	4	13.56	775459	50.0
Naphthalene, 2,3,...	15.95	29.2	ug/l	453290	4	13.56	775459	50.0