

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
 Data File : VW012694.D
 Acq On : 06 Sep 2019 16:25
 Operator : SY/VA
 Sample : K4580-17
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-A3-(0)

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.148	35	40	45	rBV	9815	17231	1.50%	0.213%
2	2.776	132	143	144	rBV	4293	12030	1.05%	0.148%
3	4.909	482	493	506	rBV3	20378	71763	6.26%	0.886%
4	5.934	652	661	673	rBV5	9379	28773	2.51%	0.355%
5	7.537	916	924	932	rBV2	6344	17214	1.50%	0.212%
6	7.884	968	981	985	rBV	142078	335181	29.24%	4.136%
7	7.945	985	991	1001	rVB	310226	682152	59.51%	8.418%
8	8.305	1038	1050	1061	rBV	160807	354207	30.90%	4.371%
9	8.842	1125	1138	1152	rBV	443852	872573	76.12%	10.768%
10	10.323	1373	1381	1390	rBV	646175	1146325	100.00%	14.147%
11	10.707	1437	1444	1450	rBV	11501	21409	1.87%	0.264%
12	11.628	1588	1595	1604	rVB	531599	909850	79.37%	11.228%
13	12.615	1750	1757	1766	rVB	399131	681801	59.48%	8.414%
14	12.884	1788	1801	1804	rBV3	34758	130454	11.38%	1.610%
15	13.323	1860	1873	1886	rBV4	50252	247829	21.62%	3.058%
16	13.457	1890	1895	1905	rVV5	34692	125660	10.96%	1.551%
17	13.554	1905	1911	1921	rVV	413584	682931	59.58%	8.428%
18	13.646	1922	1926	1932	rVB4	8475	14405	1.26%	0.178%
19	13.871	1959	1963	1967	rBV5	12770	23338	2.04%	0.288%
20	13.957	1971	1977	1989	rVV5	21443	81899	7.14%	1.011%
21	14.072	1991	1996	2003	rVB	30780	54750	4.78%	0.676%
22	14.310	2028	2035	2036	rBV7	12573	22542	1.97%	0.278%
23	14.524	2063	2070	2081	rBV7	16925	48723	4.25%	0.601%
24	14.652	2084	2091	2093	rBV8	11050	21239	1.85%	0.262%
25	14.719	2099	2102	2106	rVB	21272	27062	2.36%	0.334%
26	14.767	2106	2110	2119	rVB6	11890	31325	2.73%	0.387%
27	15.084	2152	2162	2171	rBV	52253	194322	16.95%	2.398%
28	15.261	2185	2191	2198	rVB6	17876	40183	3.51%	0.496%
29	15.438	2212	2220	2222	rBV7	19244	50342	4.39%	0.621%
30	15.499	2223	2230	2242	rVV	141563	359040	31.32%	4.431%
31	15.627	2243	2251	2265	rVB2	71231	228956	19.97%	2.826%
32	15.816	2276	2282	2284	rBV7	7982	17548	1.53%	0.217%
33	15.956	2296	2305	2321	rVB4	42210	181963	15.87%	2.246%
34	16.133	2326	2334	2345	rVV4	43090	140100	12.22%	1.729%

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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

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35	16.377	2364	2374	2377	rBV8	20330	66614	5.81%	0.822%
36	16.450	2378	2386	2399	rVB5	34956	161426	14.08%	1.992%

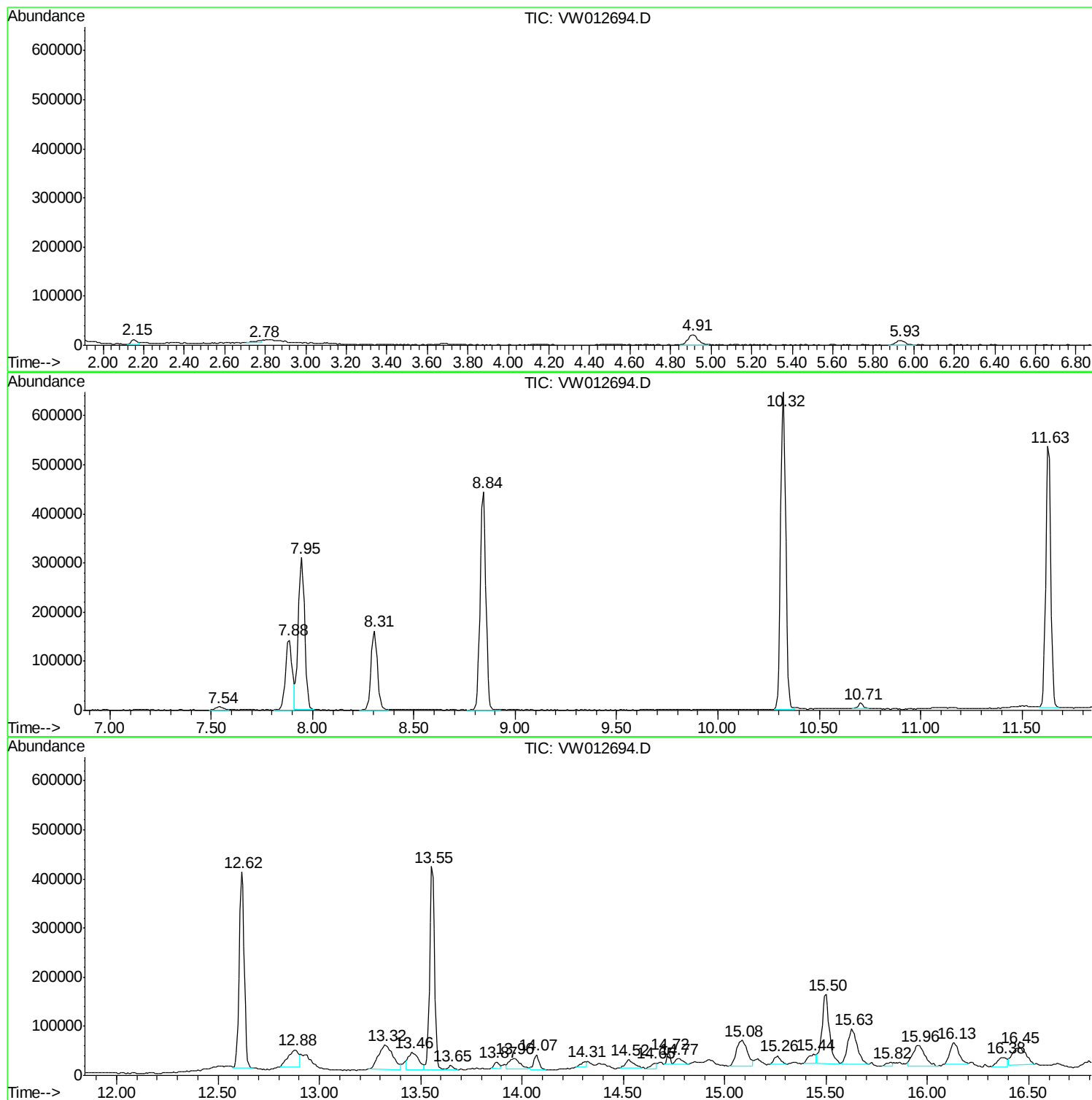
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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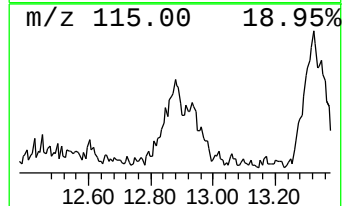
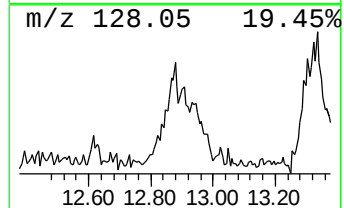
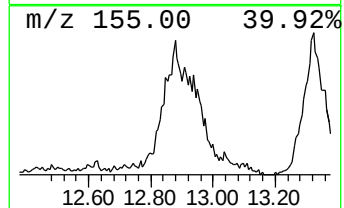
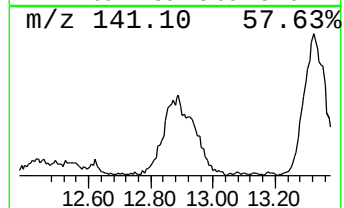
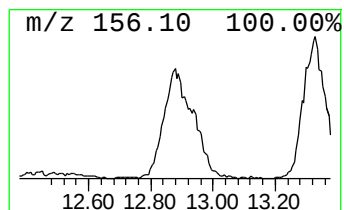
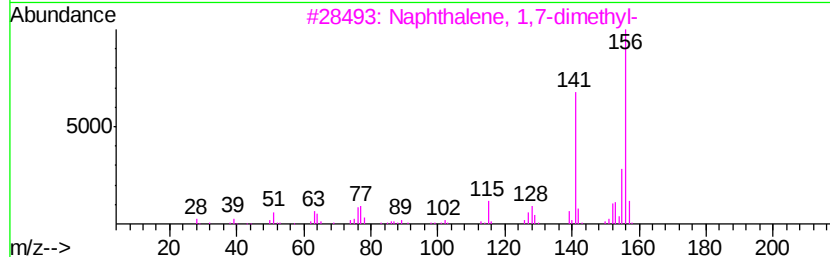
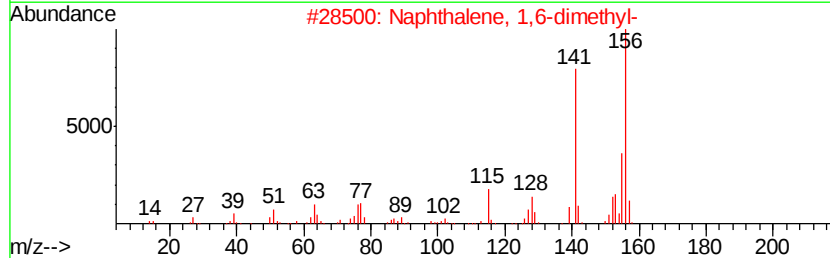
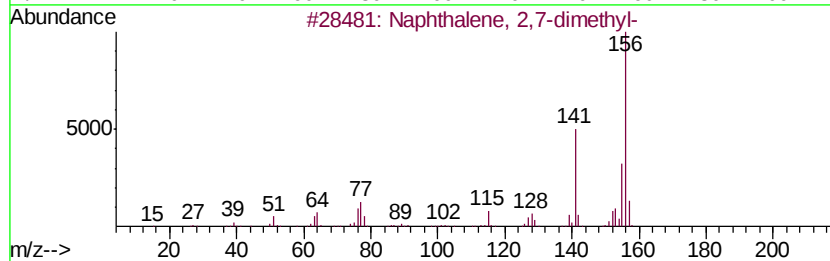
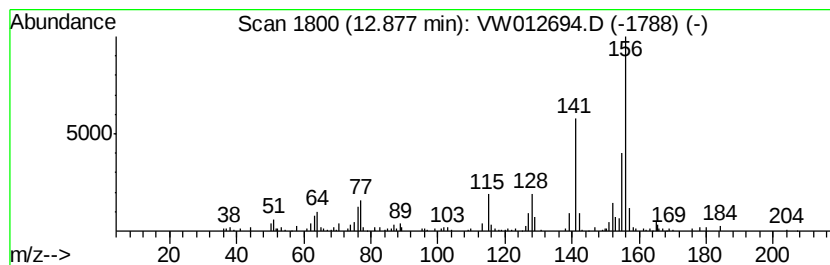
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Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	9.55 ug/l	130454	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96



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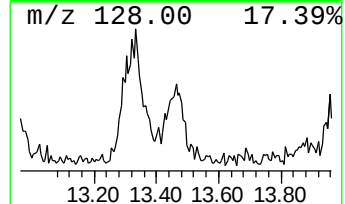
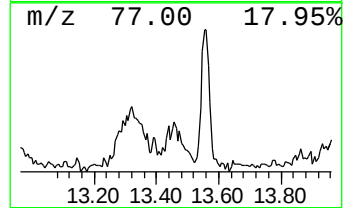
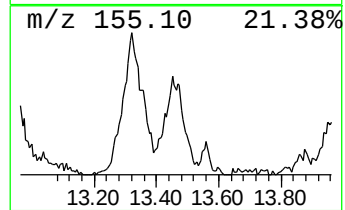
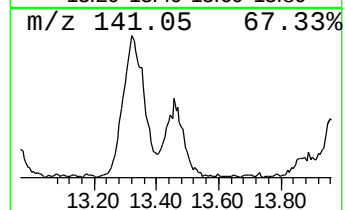
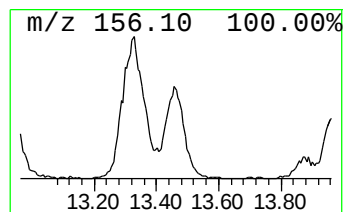
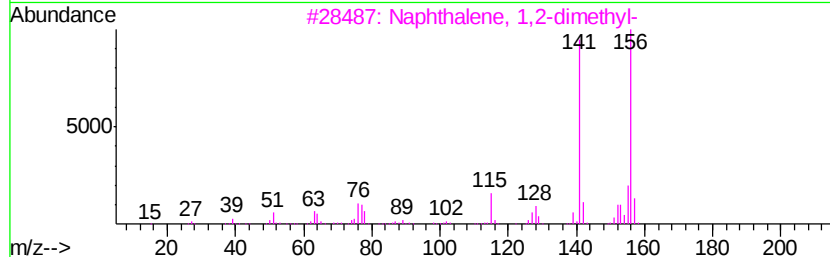
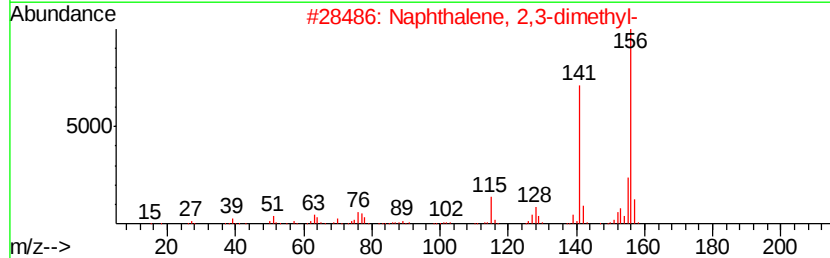
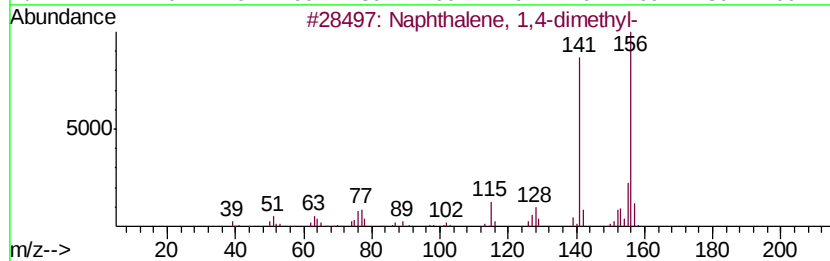
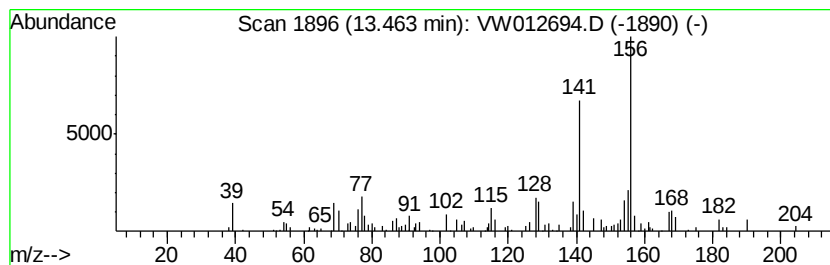
Instrument :
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ClientSampleId :
T12-A3-(0)

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Quant Title : SW846 8260

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Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	9.20 ug/l	125660	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 93
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 93
3		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 91
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 90
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 87



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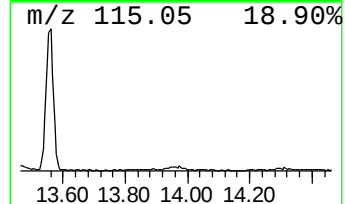
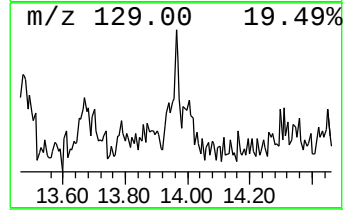
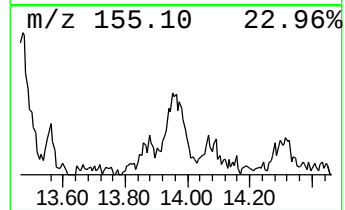
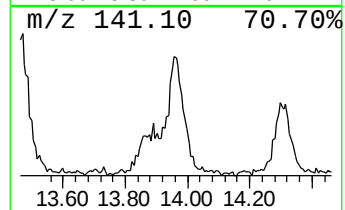
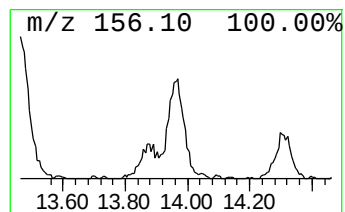
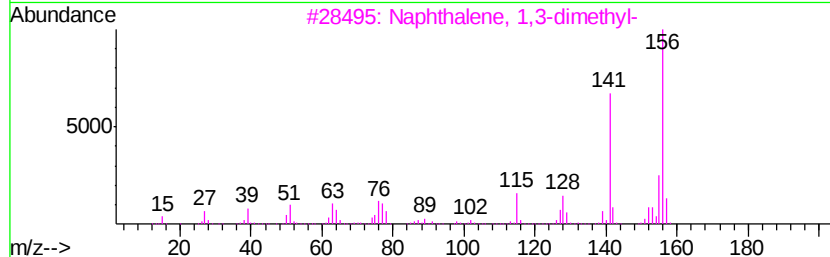
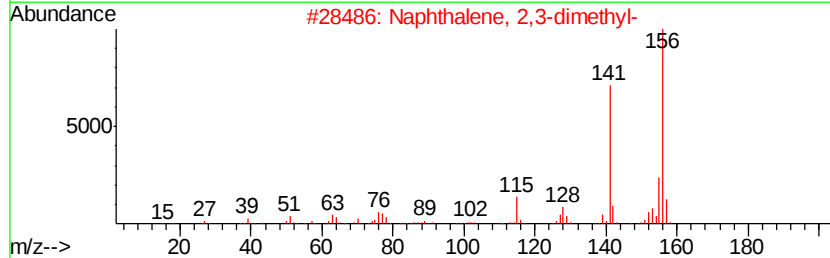
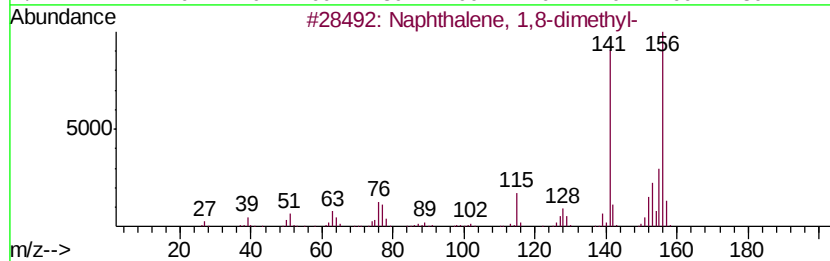
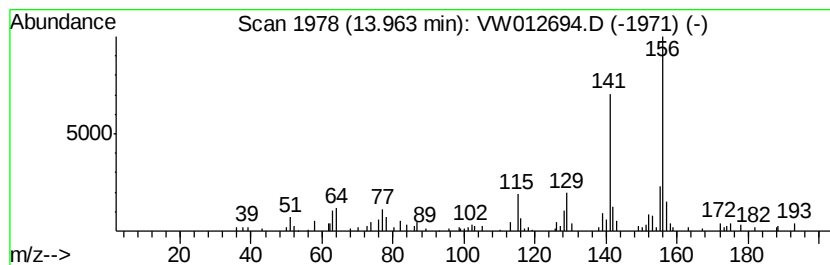
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Naphthalene, 1,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.00 ug/l	81899	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	81
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	81



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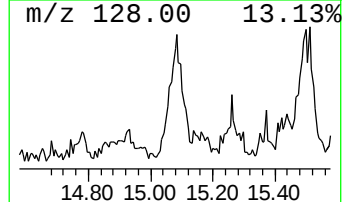
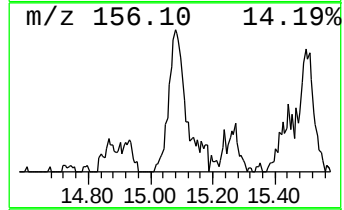
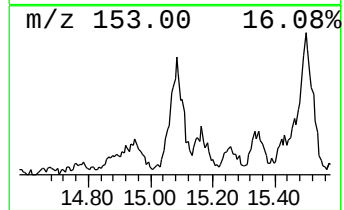
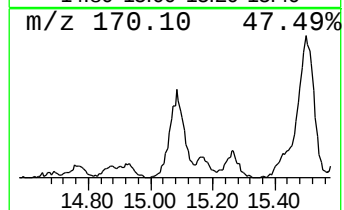
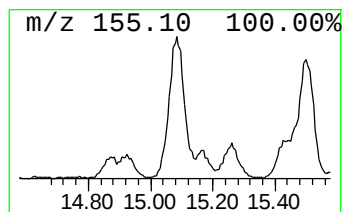
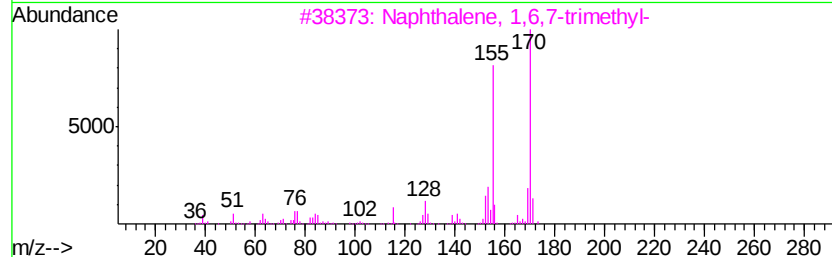
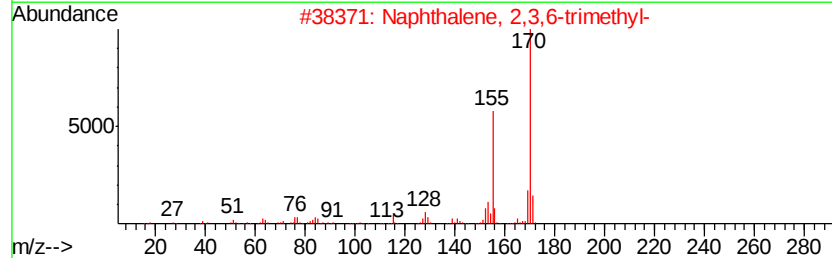
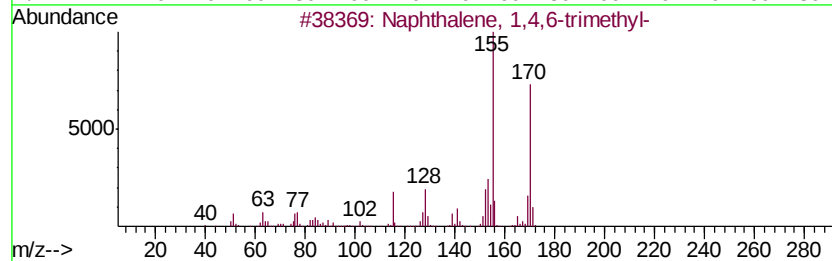
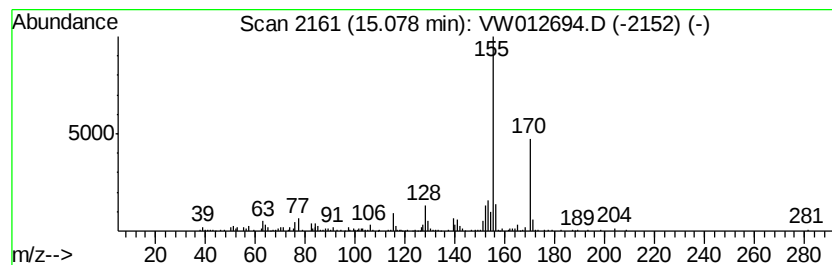
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Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	14.23 ug/l	194322	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 96
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 94
3		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 94
4		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91
5		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 86



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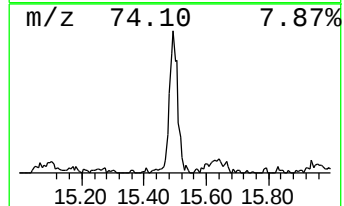
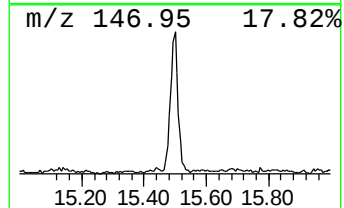
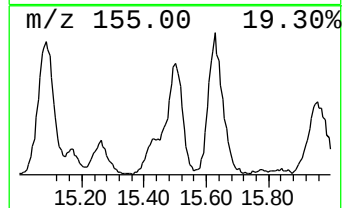
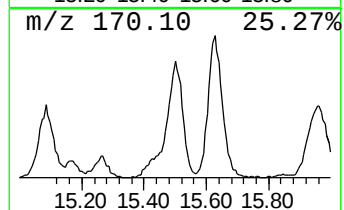
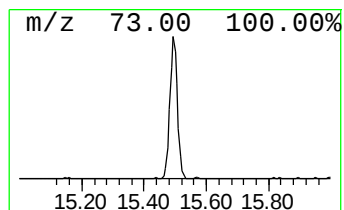
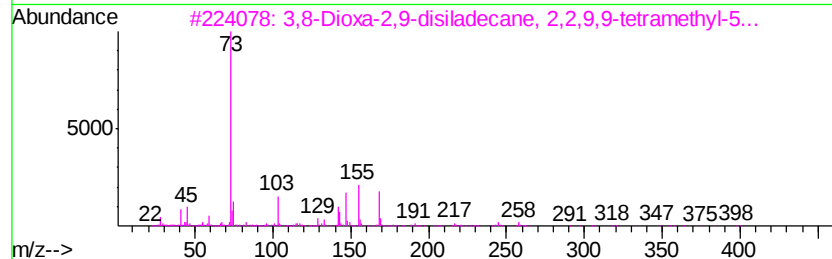
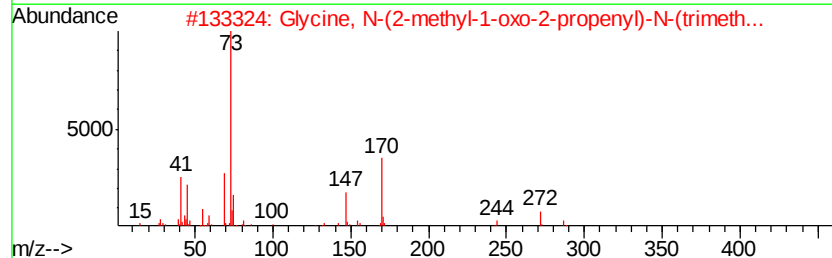
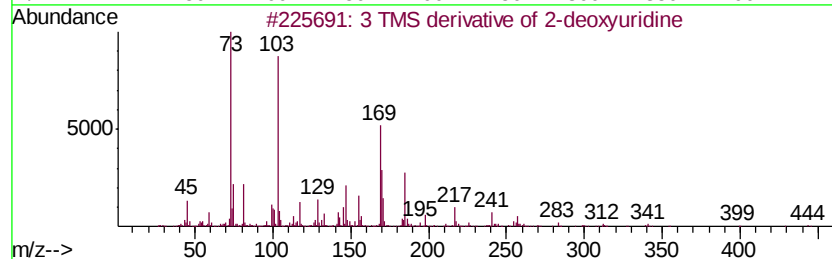
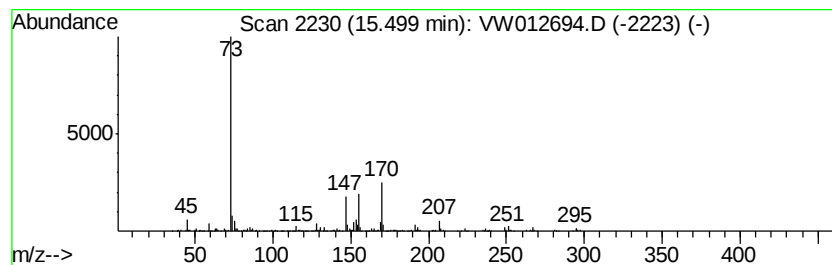
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TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown15.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	26.29 ug/l	359040	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	TMS derivative of 2-deoxyuridine	444	C18H36N2O5Si3	1000367-43-8	39
2		Glycine, N-(2-methyl-1-oxo-2-pro...	287	C12H25N03Si2	055557-27-2	17
3		3,8-Dioxa-2,9-disiladecane, 2,2,...	438	C18H46O4Si4	074779-61-6	17
4		2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	12
5		Bis(dimethyl-t-butylsilyl) maleate	344	C16H32O4Si2	104255-92-7	10



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Data File : VW012694.D
Acq On : 06 Sep 2019 16:25
Operator : SY/VA
Sample : K4580-17
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

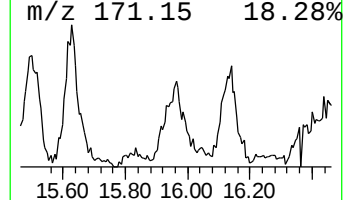
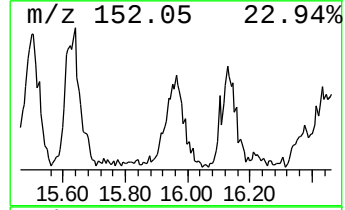
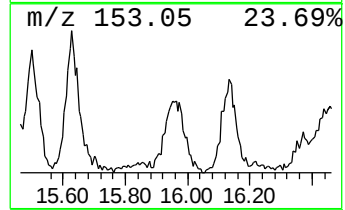
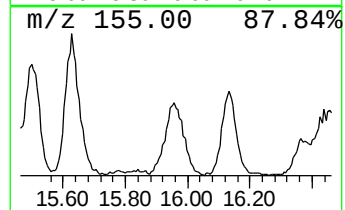
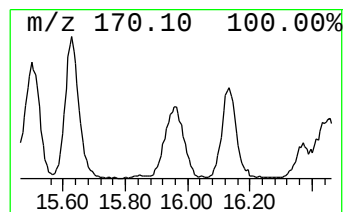
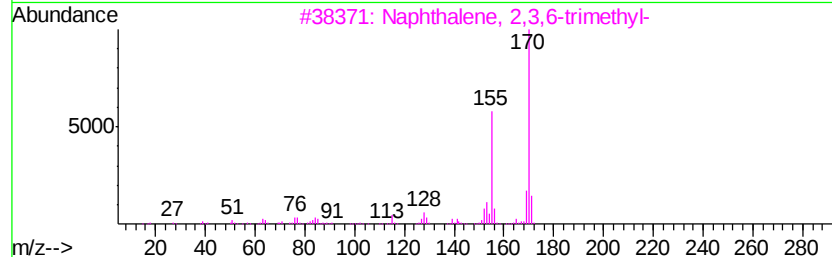
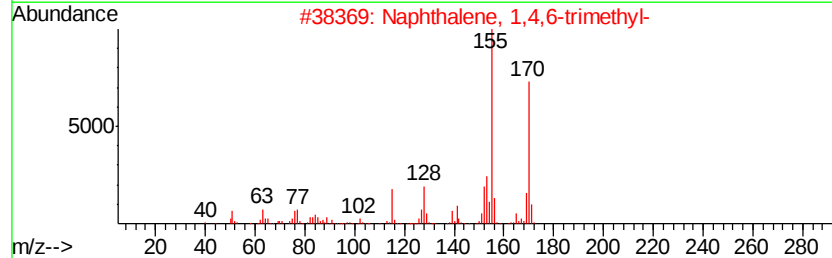
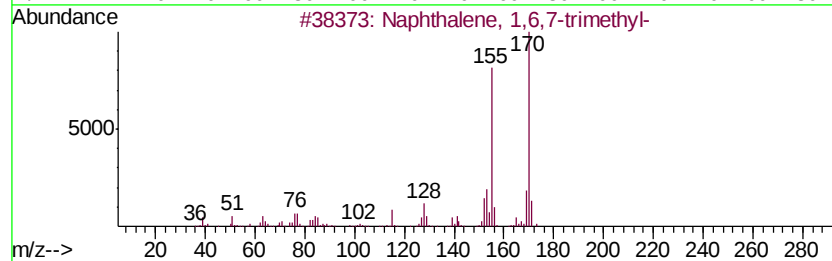
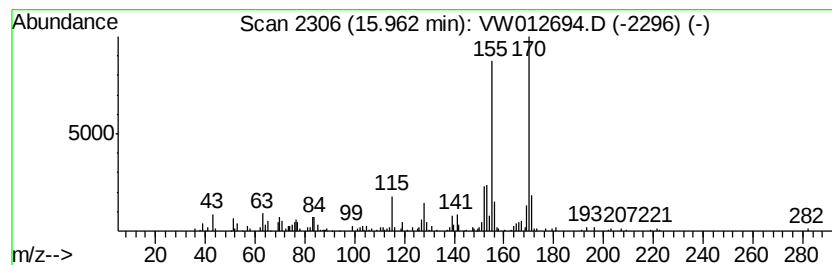
Instrument :
MSVOA_W
ClientSampleId :
T12-A3-(0)

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.96	13.32 ug/l	181963	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	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090619\
Data File : VW012694.D
Acq On : 06 Sep 2019 16:25
Operator : SY/VA
Sample : K4580-17
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-A3-(0)

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, 2,7-...	12.88	9.6	ug/l	130454	4	13.55	682931	50.0
Naphthalene, 1,4-...	13.46	9.2	ug/l	125660	4	13.55	682931	50.0
Naphthalene, 1,8-...	13.96	6.0	ug/l	81899	4	13.55	682931	50.0
Naphthalene, 1,4,...	15.08	14.2	ug/l	194322	4	13.55	682931	50.0
unknown15.50	15.50	26.3	ug/l	359040	4	13.55	682931	50.0
Naphthalene, 1,6,...	15.96	13.3	ug/l	181963	4	13.55	682931	50.0