

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013086.D
 Acq On : 17 Sep 2019 13:29
 Operator : SY/VA
 Sample : K4873-01
 Misc : 5.51G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-28

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.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	2.715	116	133	134	rBV10	13846	46454	1.44%	0.343%
2	4.123	353	364	378	rBV	45663	129481	4.01%	0.955%
3	7.885	971	981	985	rBV2	175291	419755	13.00%	3.096%
4	7.945	985	991	1002	rVB	397421	884600	27.40%	6.525%
5	8.299	1038	1049	1061	rBV	197319	446967	13.84%	3.297%
6	8.842	1128	1138	1150	rBV	574554	1127456	34.92%	8.316%
7	10.323	1371	1381	1388	rBV	860522	1510238	46.78%	11.140%
8	10.384	1388	1391	1397	rVB	22206	38766	1.20%	0.286%
9	11.628	1585	1595	1605	rBV	719131	1220402	37.80%	9.002%
10	12.408	1705	1723	1724	rBV2	24606	63697	1.97%	0.470%
11	12.615	1750	1757	1767	rVB	555582	926105	28.68%	6.831%
12	12.884	1780	1801	1821	rBV3	80691	586324	18.16%	4.325%
13	13.310	1856	1871	1885	rBV4	108522	557374	17.26%	4.111%
14	13.451	1885	1894	1905	rVV2	72214	315411	9.77%	2.326%
15	13.554	1905	1911	1920	rVV	613064	1022554	31.67%	7.542%
16	13.871	1953	1963	1969	rBV	23614	68272	2.11%	0.504%
17	13.963	1970	1978	1988	rVV7	36833	129305	4.00%	0.954%
18	14.066	1988	1995	2004	rVB3	24463	58758	1.82%	0.433%
19	14.316	2022	2036	2044	rBV8	12523	52323	1.62%	0.386%
20	14.524	2062	2070	2080	rVB6	22018	57046	1.77%	0.421%
21	14.950	2128	2140	2155	rBV	959989	3228694	100.00%	23.815%
22	15.066	2155	2159	2167	rVB7	14433	40229	1.25%	0.297%
23	15.340	2195	2204	2212	rVV5	50445	135283	4.19%	0.998%
24	15.493	2224	2229	2236	rVB3	14167	34071	1.06%	0.251%
25	15.645	2243	2254	2271	rVB	113648	457863	14.18%	3.377%

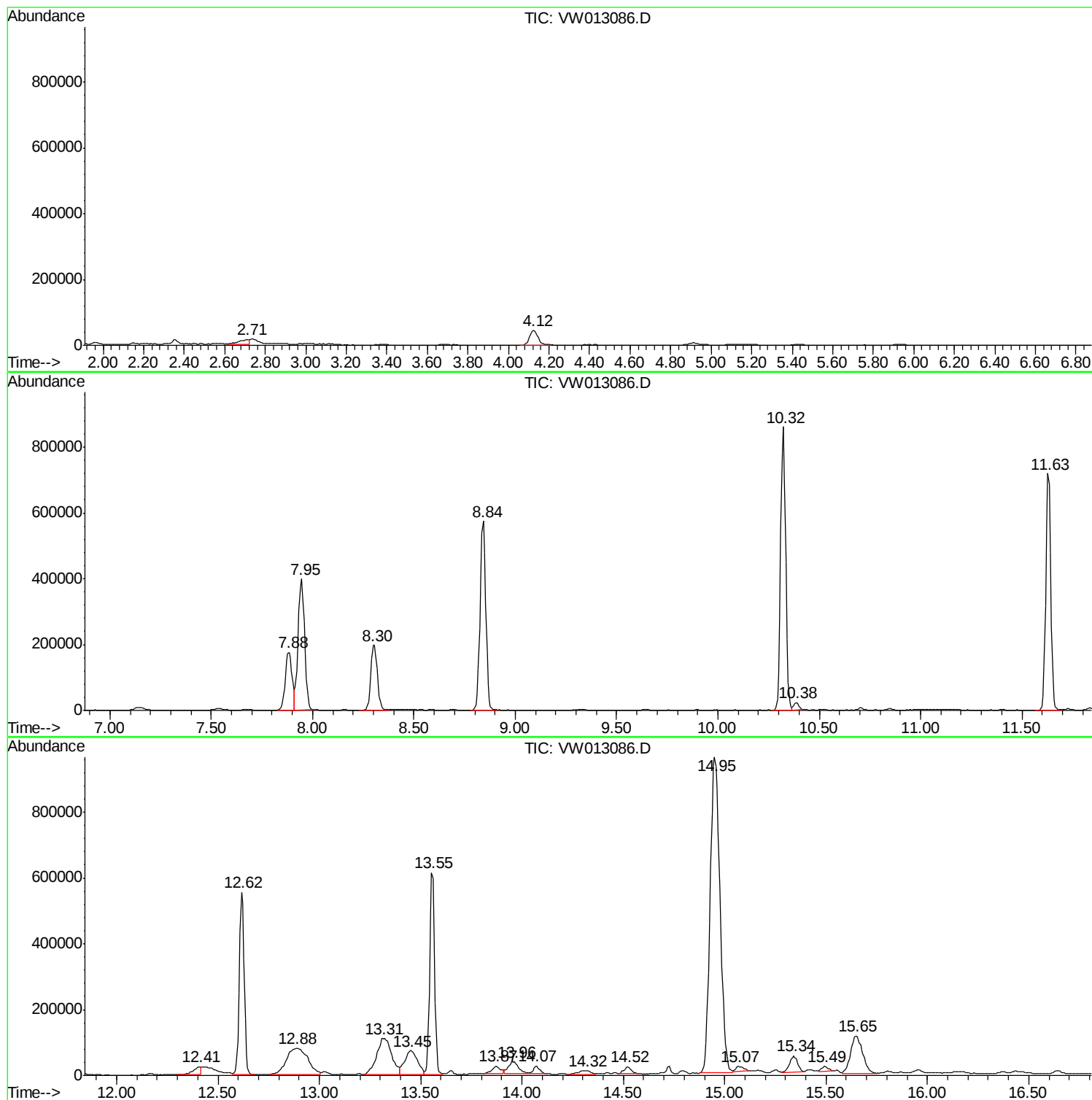
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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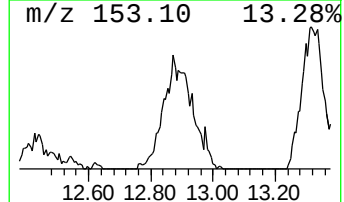
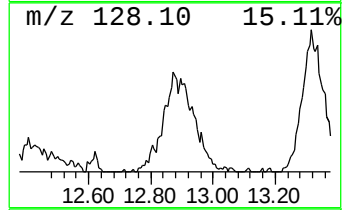
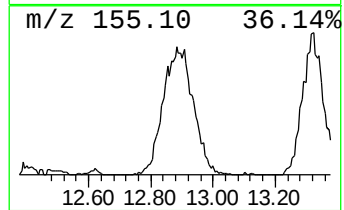
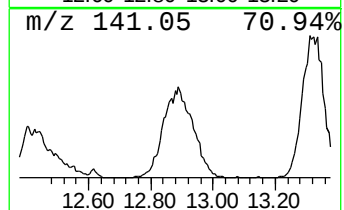
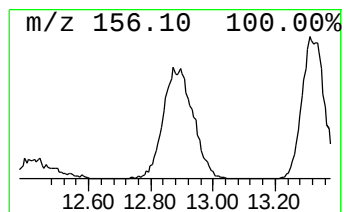
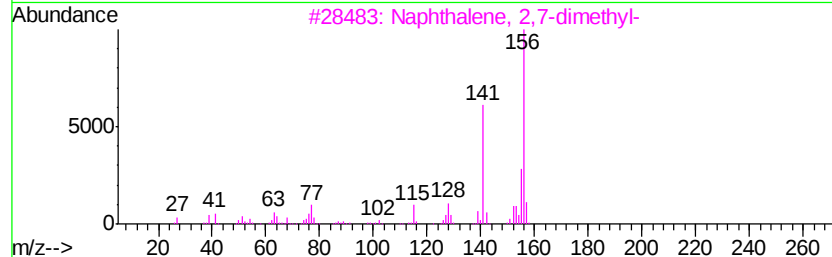
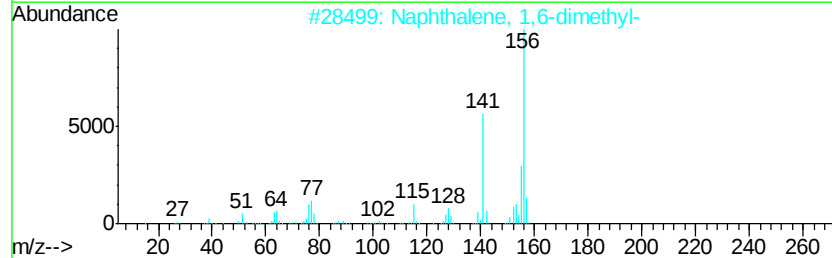
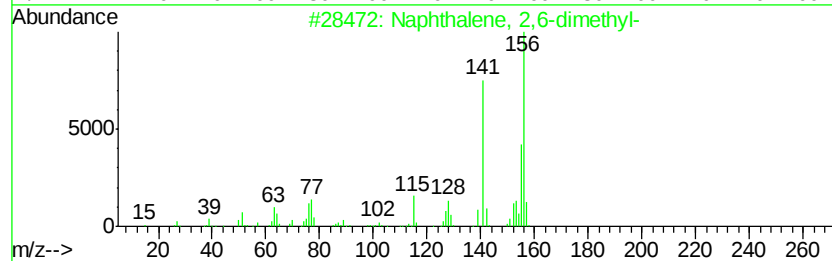
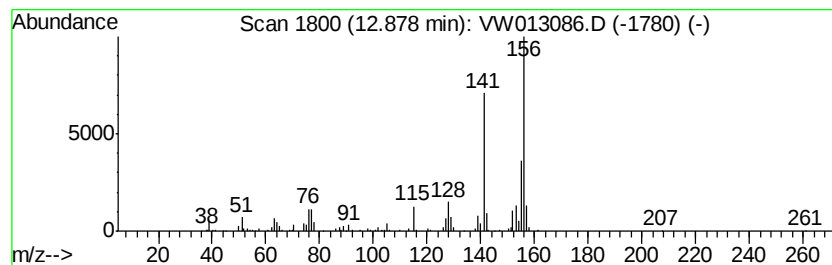
Instrument :
MSVOA_W
ClientSampleId :
VOC-28

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.88	28.67 ug/l	586324	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, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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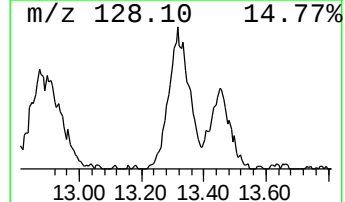
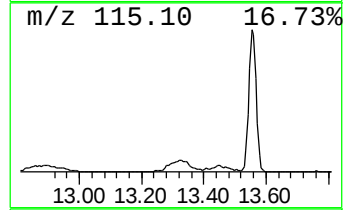
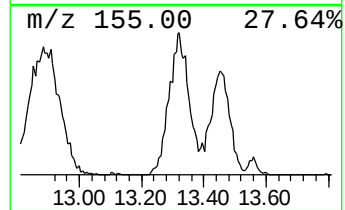
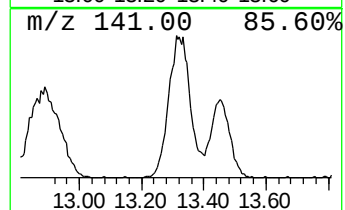
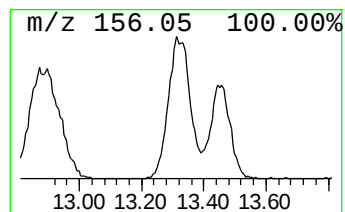
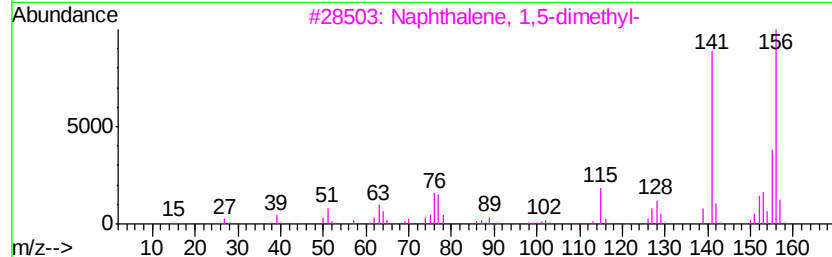
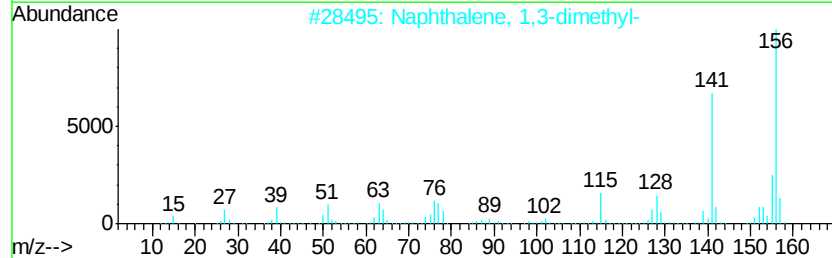
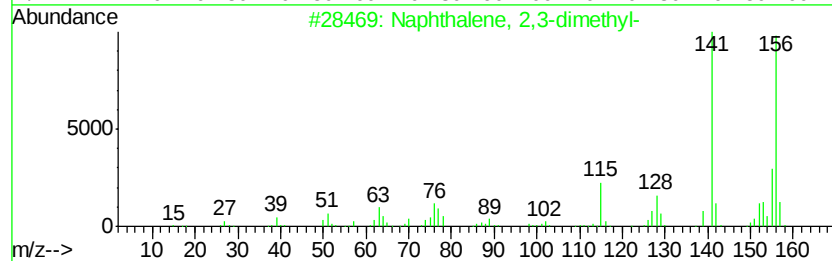
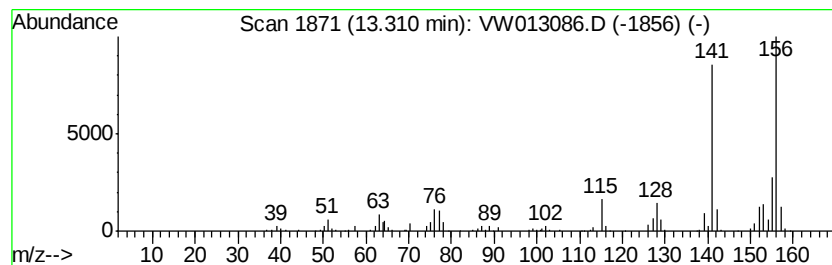
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	27.25 ug/l	557374	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, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



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Misc : 5.51G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
VOC-28

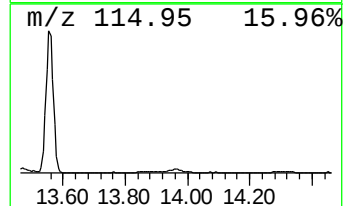
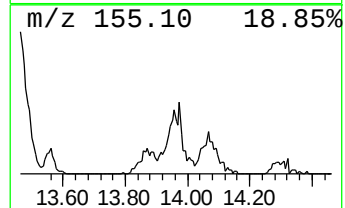
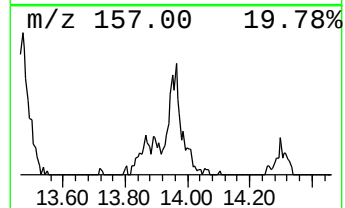
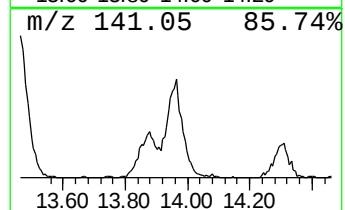
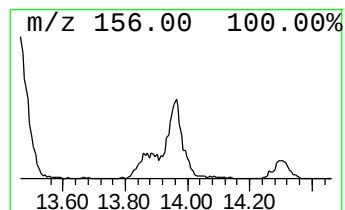
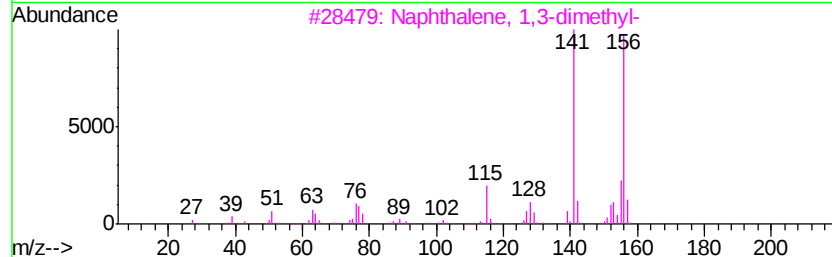
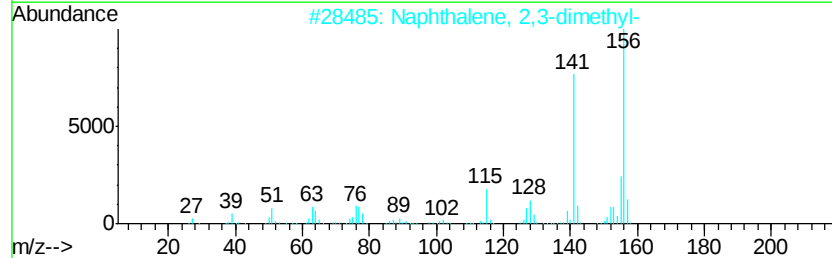
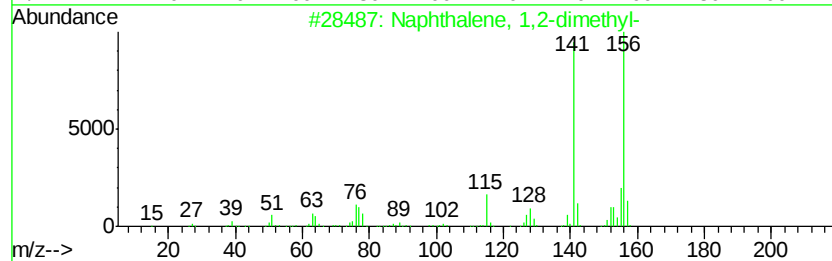
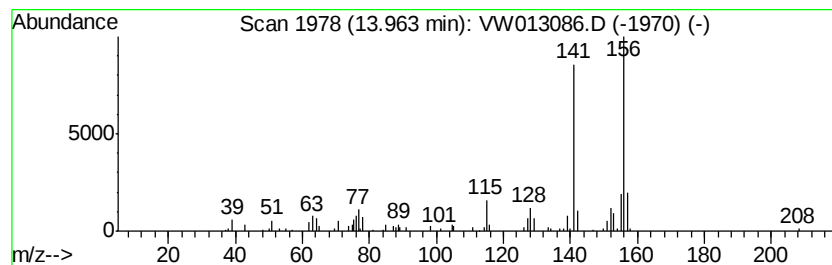
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Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	6.32 ug/l	129305	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	90



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Misc : 5.51G/5ML/MSVOA W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VOC-28

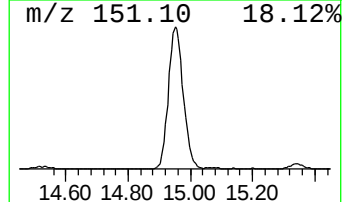
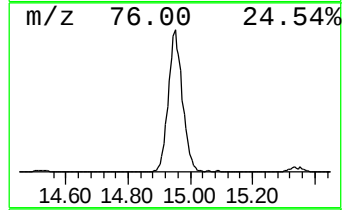
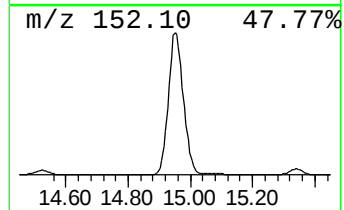
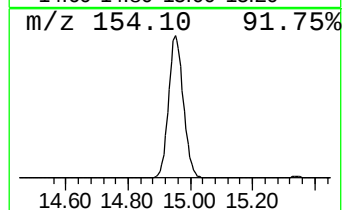
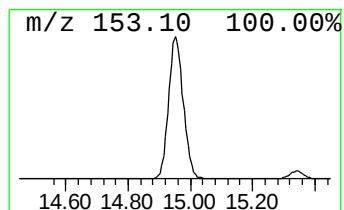
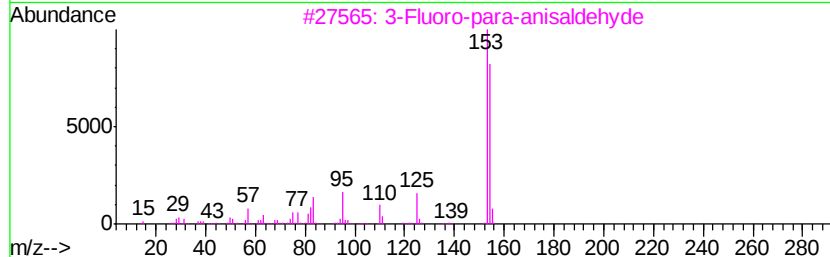
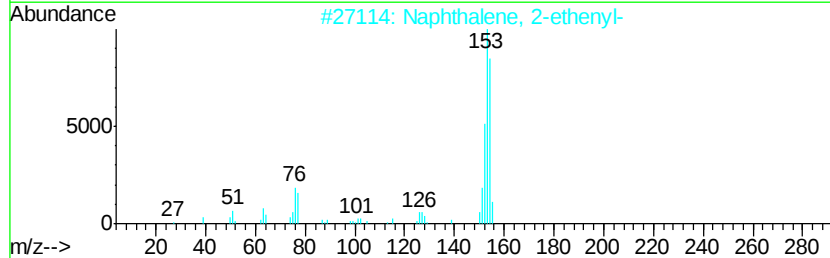
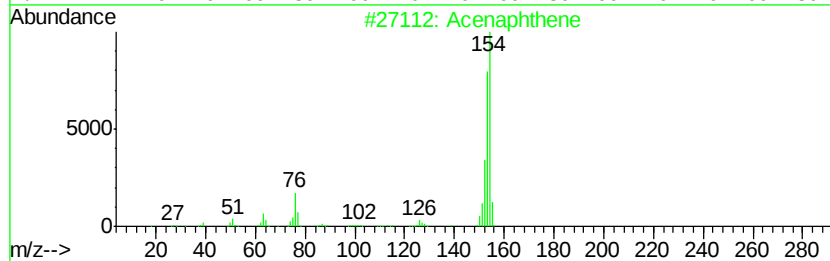
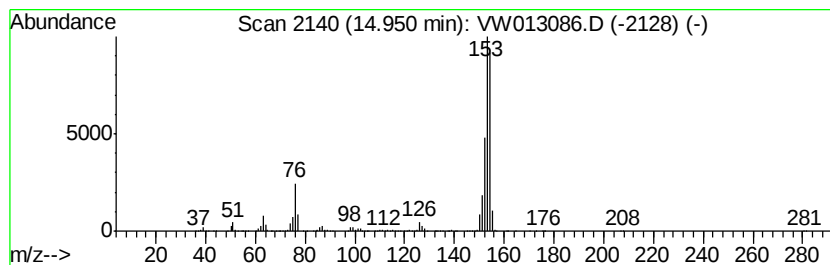
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Quant Title : SW846 8260

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

Peak Number 5 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	157.87 ug/l	3228690	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene		154	C12H10	000083-32-9	93
2	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	59
3	3-Fluoro-para-anisaldehyd		154	C8H7FO2	000351-54-2	50
4	1,4-Ethenonaphthalene, 1,4-dihydro-		154	C12H10	007322-47-6	45
5	Biphenyl		154	C12H10	000092-52-4	38



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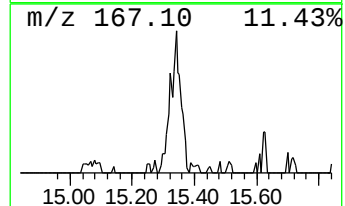
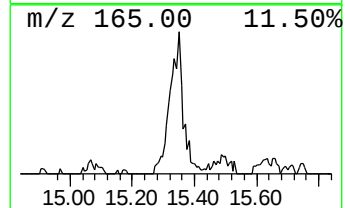
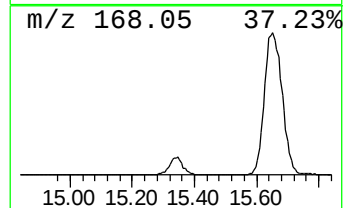
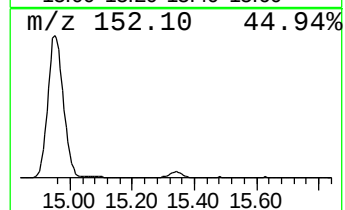
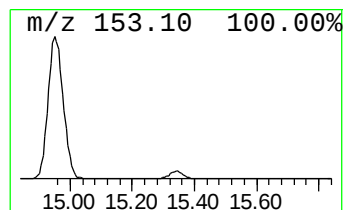
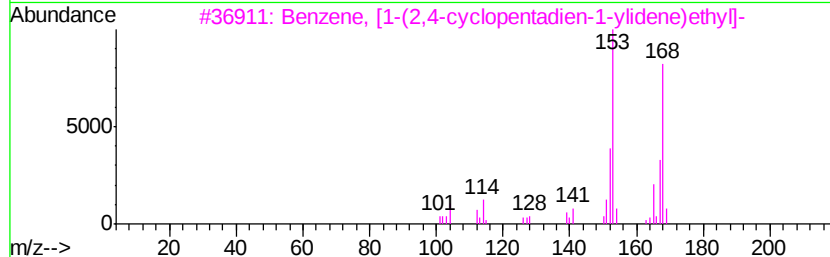
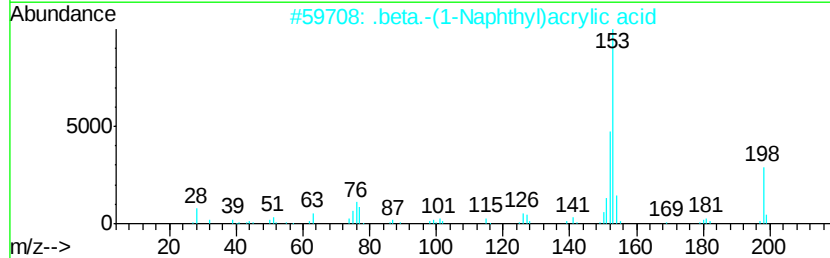
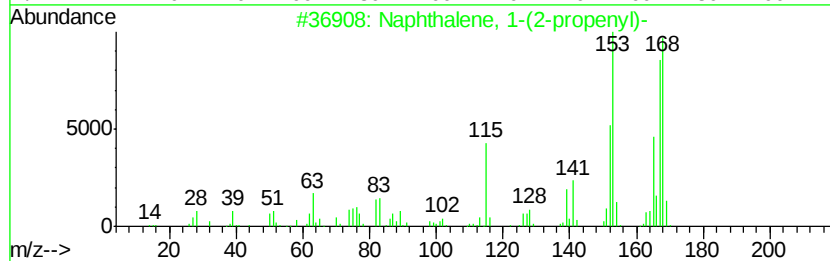
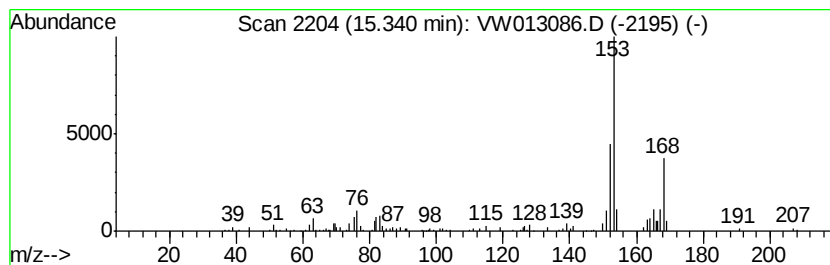
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1-(2-propenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	6.61 ug/l	135283	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	56
2		.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	53
3		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
4		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	49
5		Ethanone, 1-(2,4,6-trihydroxyph...	168	C8H8O4	000480-66-0	46



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,6-...	12.88	28.7	ug/l	586324	4	13.56	1022550	50.0
Naphthalene, 2,3-...	13.31	27.3	ug/l	557374	4	13.56	1022550	50.0
Naphthalene, 1,2-...	13.96	6.3	ug/l	129305	4	13.56	1022550	50.0
Acenaphthene	14.95	157.9	ug/l	3228690	4	13.56	1022550	50.0
Naphthalene, 1-(2...	15.34	6.6	ug/l	135283	4	13.56	1022550	50.0