

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003763.D
 Acq On : 31 Jul 2018 20:46
 Operator : JC/SP
 Sample : J4109-07
 Misc : 10.41G/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-10(3-5)

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_X\METHOD\82X073018S.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	1.075	76	80	93	rVV	696663	850993	100.00%	21.971%
2	2.446	299	305	318	rVB	39047	66813	7.85%	1.725%
3	2.855	367	372	379	rBV	8840	16897	1.99%	0.436%
4	3.025	393	400	405	rBV2	3801	9387	1.10%	0.242%
5	4.751	668	683	695	rBV2	7817	32800	3.85%	0.847%
6	5.507	792	807	818	rBV	48071	135493	15.92%	3.498%
7	5.665	821	833	850	rVB2	82740	232057	27.27%	5.991%
8	6.068	888	899	908	rBV3	59734	153445	18.03%	3.962%
9	6.147	908	912	922	rVB3	4237	10527	1.24%	0.272%
10	6.866	1019	1030	1045	rBV	122917	289450	34.01%	7.473%
11	8.720	1327	1334	1342	rBV	241154	374668	44.03%	9.673%
12	9.335	1429	1435	1441	rBV	13717	29703	3.49%	0.767%
13	10.116	1557	1563	1573	rBV	239155	316594	37.20%	8.174%
14	11.140	1726	1731	1743	rVB	186856	232386	27.31%	6.000%
15	11.372	1763	1769	1775	rBV	13518	23790	2.80%	0.614%
16	12.079	1880	1885	1891	rBV	195169	241022	28.32%	6.223%
17	12.304	1919	1922	1927	rVV	15529	19809	2.33%	0.511%
18	12.816	2001	2006	2012	rVB	14096	20739	2.44%	0.535%
19	13.158	2046	2062	2071	rBV5	12524	56713	6.66%	1.464%
20	13.353	2091	2094	2098	rVV2	10186	13078	1.54%	0.338%
21	13.402	2098	2102	2106	rVV	7647	8680	1.02%	0.224%
22	13.487	2110	2116	2121	rVB	8815	12472	1.47%	0.322%
23	13.835	2166	2173	2183	rBV	147144	193266	22.71%	4.990%
24	14.188	2224	2231	2236	rVB	7007	9934	1.17%	0.256%
25	14.700	2311	2315	2325	rVB	75609	100777	11.84%	2.602%
26	14.840	2333	2338	2345	rBV	116502	152399	17.91%	3.935%
27	15.273	2401	2409	2414	rVB2	7202	12750	1.50%	0.329%
28	15.450	2435	2438	2441	rBV3	6477	8752	1.03%	0.226%
29	15.554	2449	2455	2459	rBV	22191	37335	4.39%	0.964%
30	15.694	2467	2478	2481	rBV	37537	62695	7.37%	1.619%
31	15.730	2481	2484	2490	rVB	17464	25249	2.97%	0.652%
32	15.913	2506	2514	2524	rVB2	11296	32613	3.83%	0.842%
33	16.072	2533	2540	2549	rVB	9514	15396	1.81%	0.397%
34	16.176	2552	2557	2564	rVB	8287	14457	1.70%	0.373%

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ClientSampleId :
SB-10(3-5)

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	16.419	2589	2597	2604	rBV	30642	60157	7.07%	1.553%
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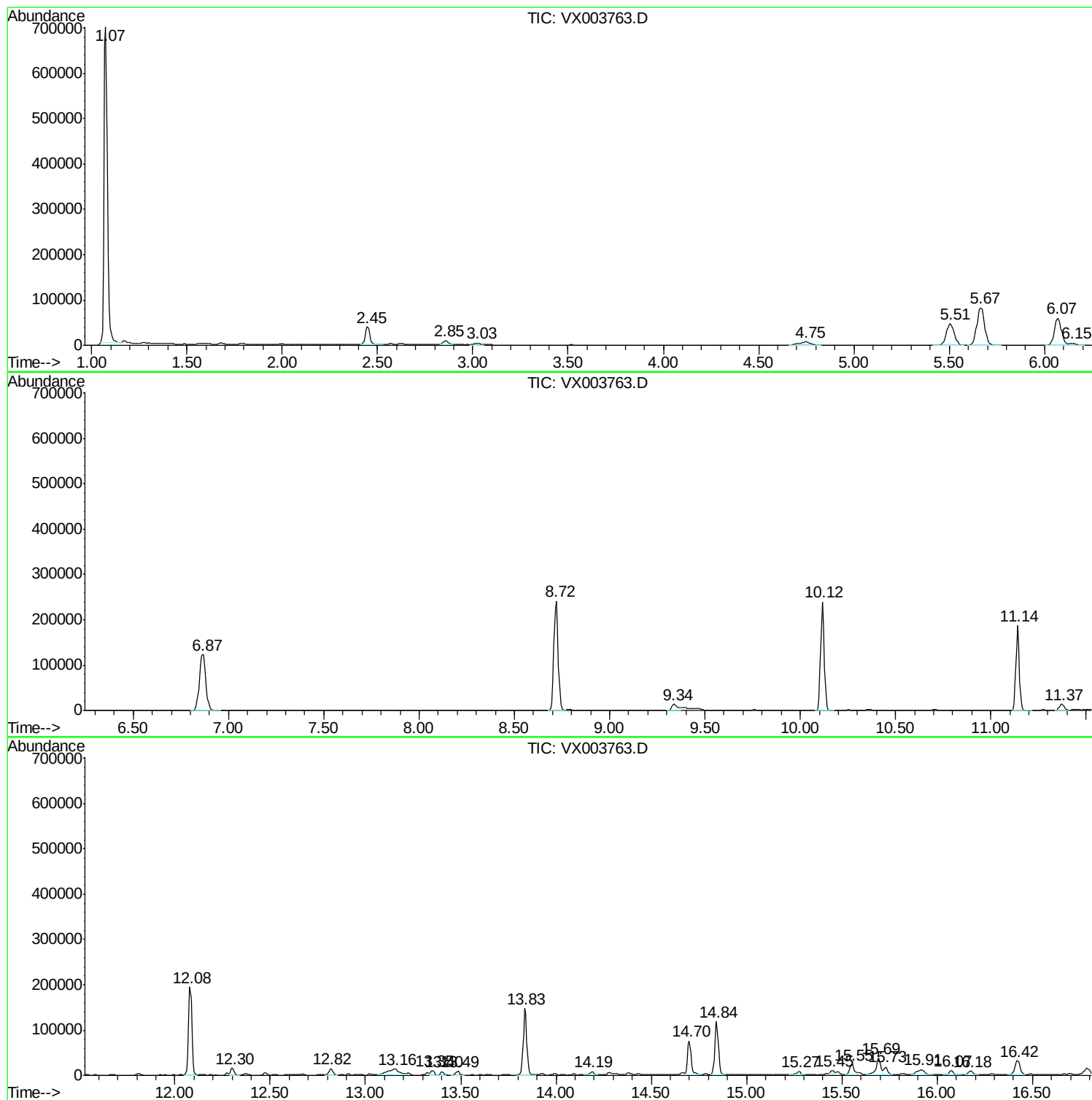
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ClientSampled :
SB-10(3-5)

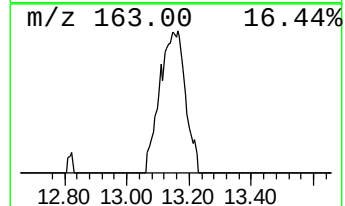
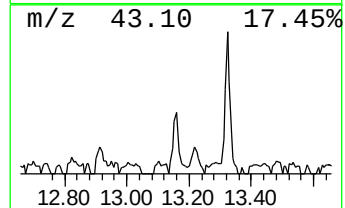
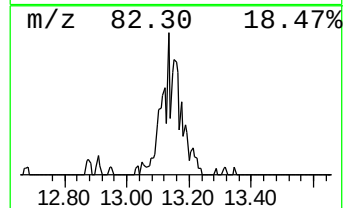
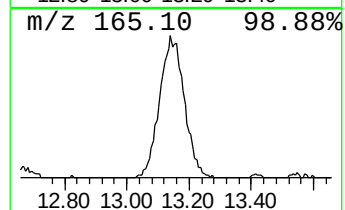
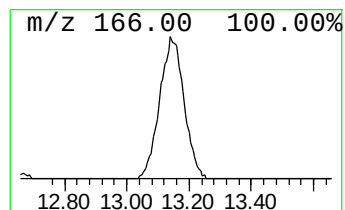
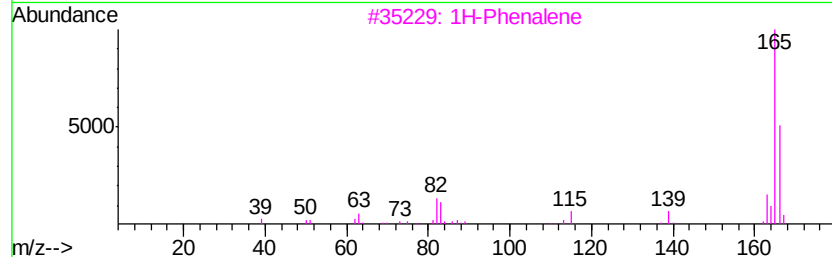
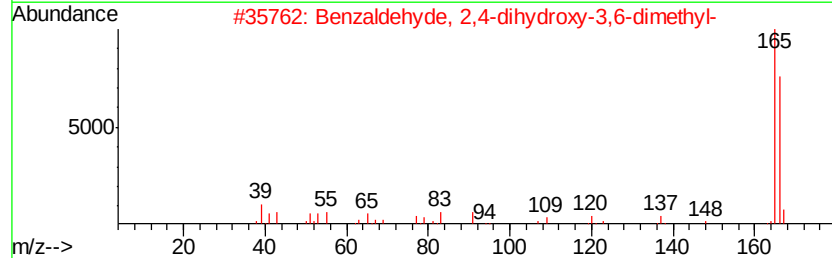
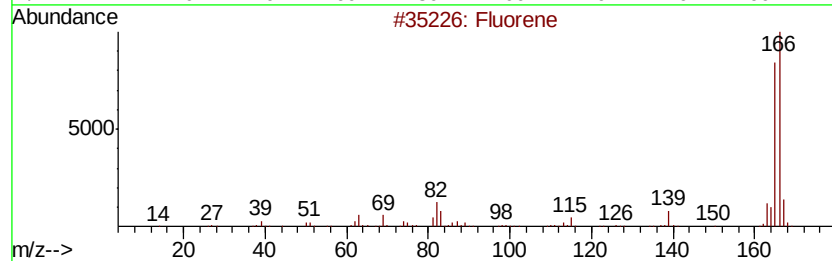
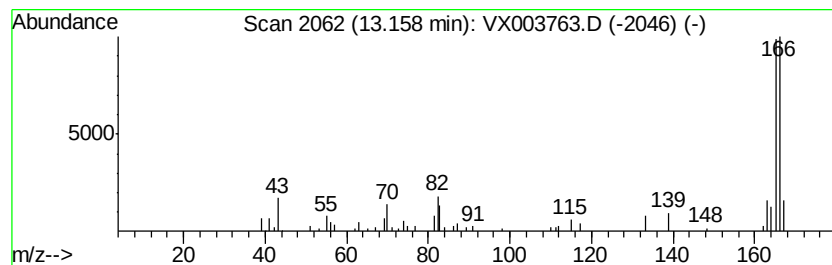
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

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

Peak Number 2 Fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	11.77 ug/l	56713	1,4-Dichlorobenzene-d4	12.08

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene		166	C13H10	000086-73-7	90
2	Benzaldehyde, 2,4-dihydroxy-3,6-...		166	C9H10O3	034883-14-2	64
3	1H-Phenylene		166	C13H10	000203-80-5	53
4	1,3-Benzodioxole-5-carboxylic acid		166	C8H6O4	000094-53-1	45
5	Benzaldehyde, 4,6-dihydroxy-2,3-...		166	C9H10O3	002990-31-0	45



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ALS Vial : 18 Sample Multiplier: 1

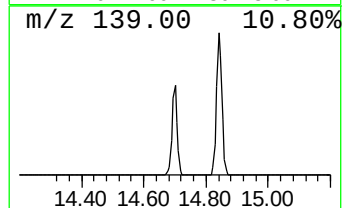
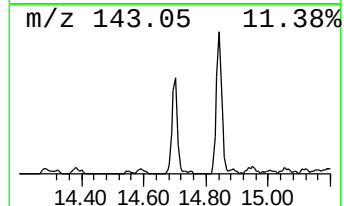
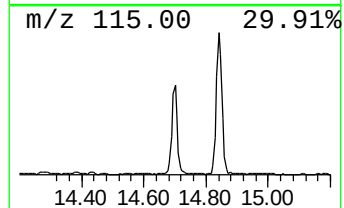
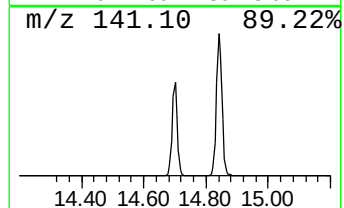
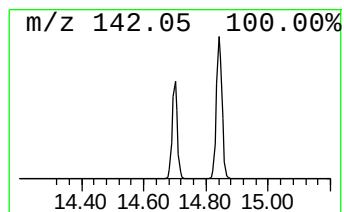
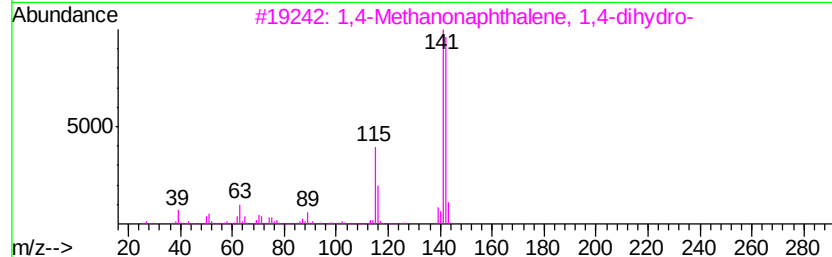
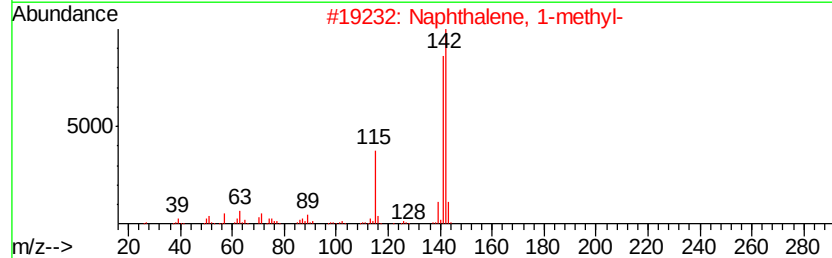
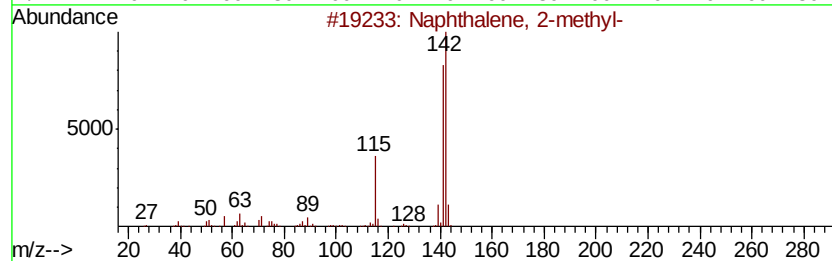
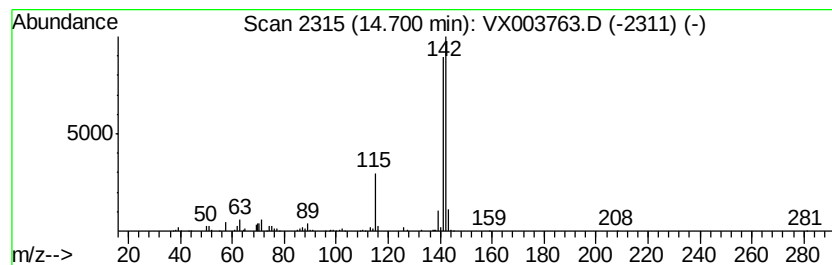
Instrument :
MSVOA_X
ClientSampleId :
SB-10(3-5)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	20.91 ug/l	100777	1,4-Dichlorobenzene-d4	12.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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 91
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		1H-Indene, 1-ethylidene-	142 C11H10	002471-83-2 59



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Instrument :
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ClientSampled :
SB-10(3-5)

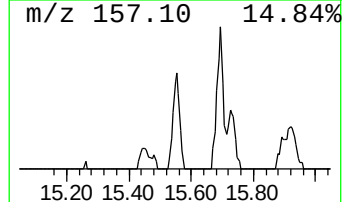
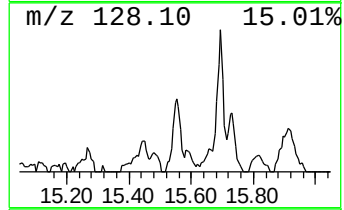
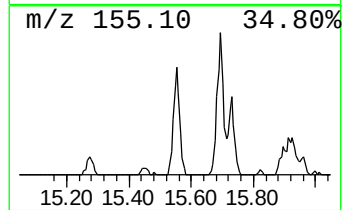
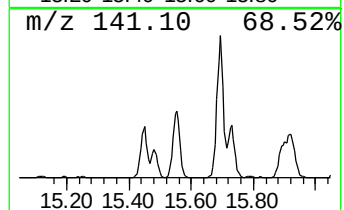
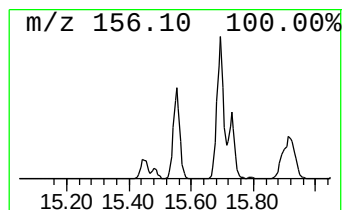
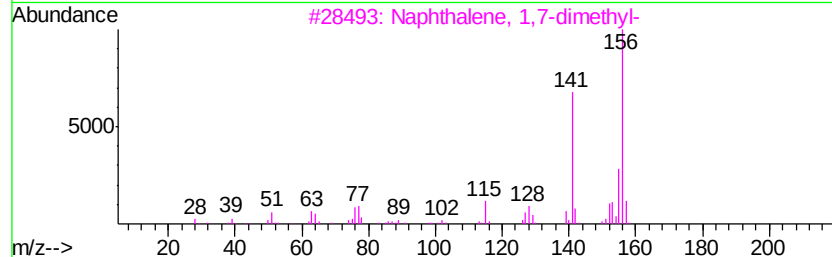
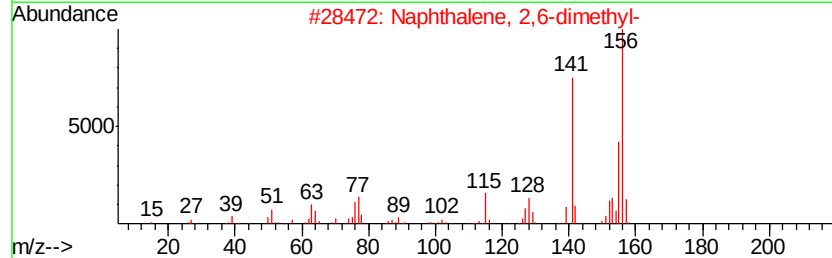
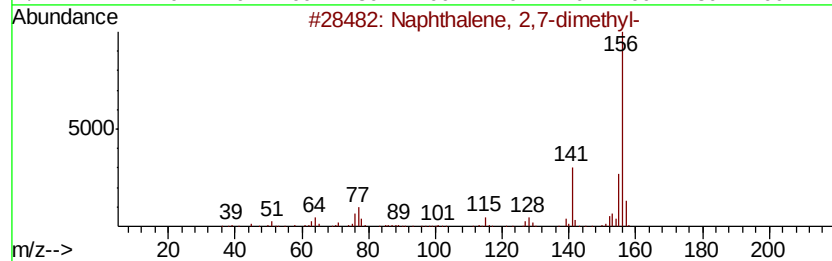
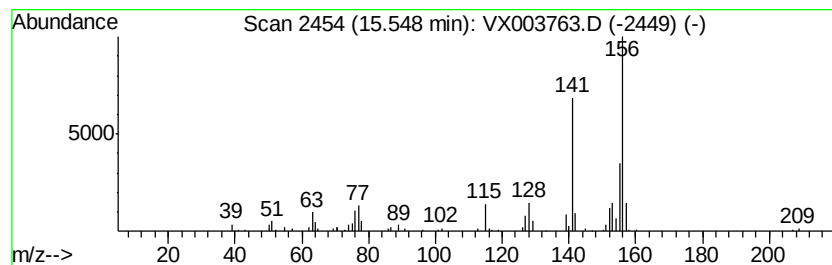
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	7.75 ug/l	37335	1,4-Dichlorobenzene-d4	12.08

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



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Misc : 10.41G/5.0mL/MSVOA X/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
SB-10(3-5)

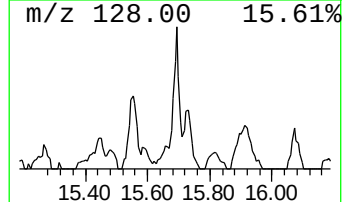
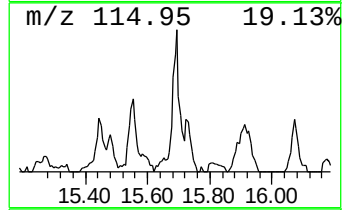
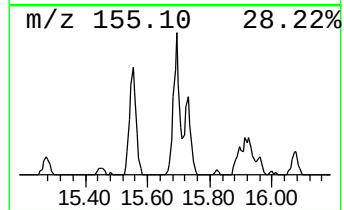
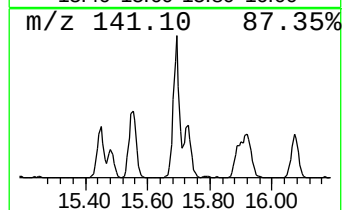
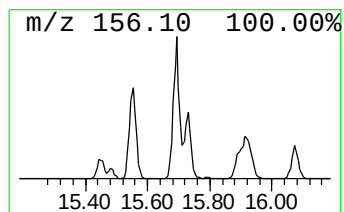
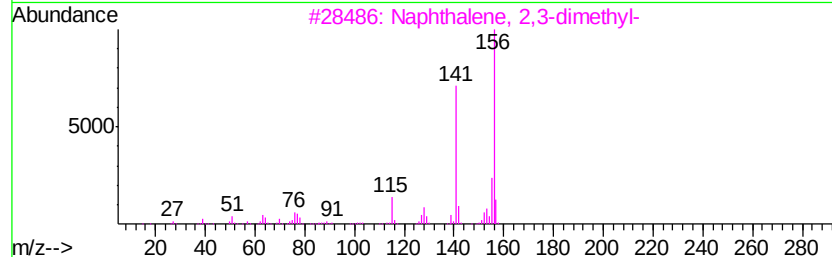
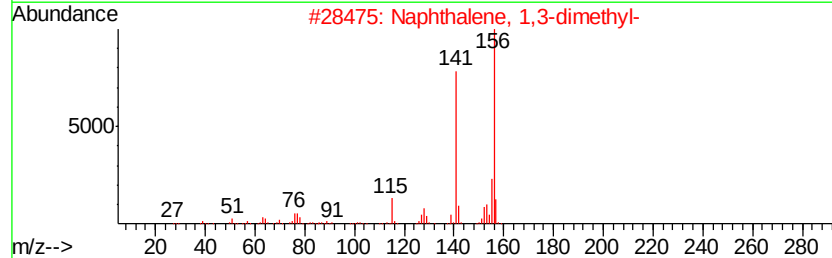
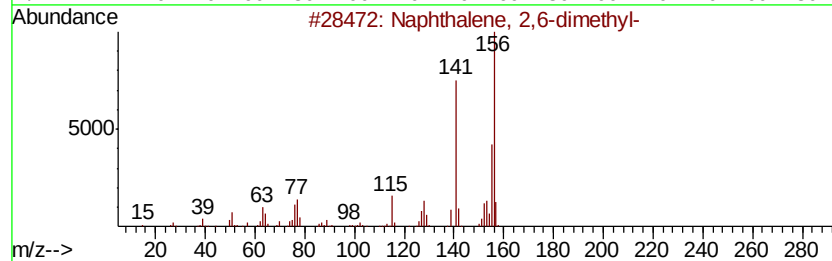
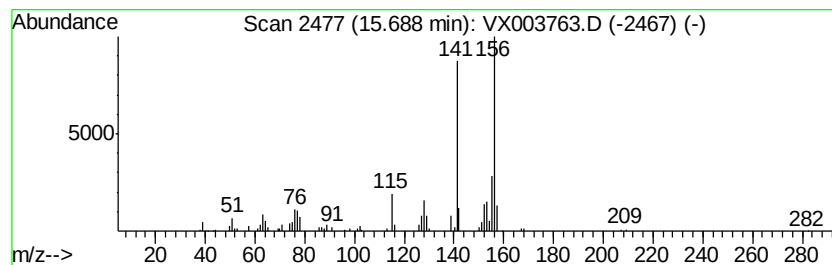
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	13.01 ug/l	62695	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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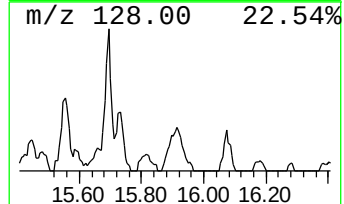
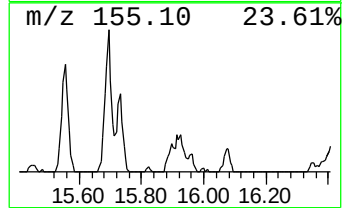
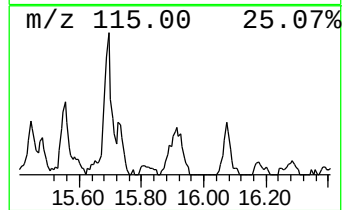
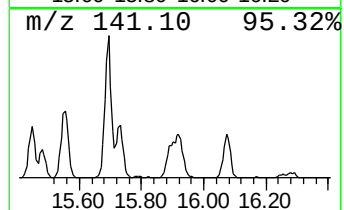
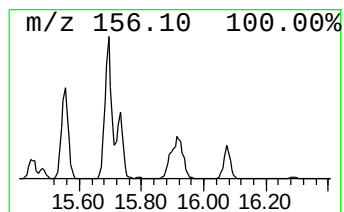
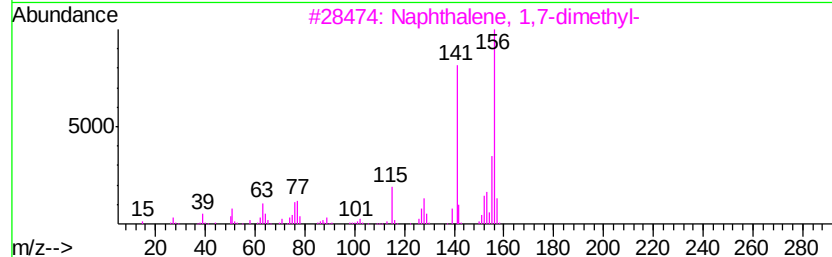
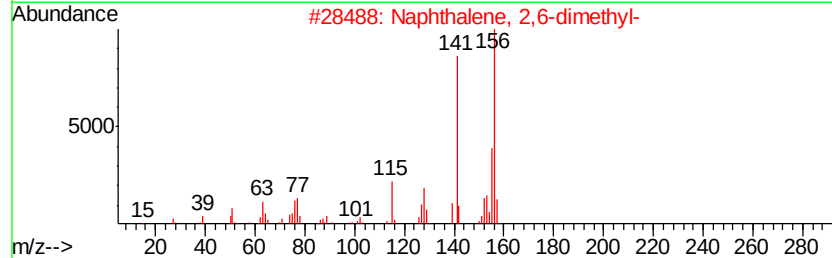
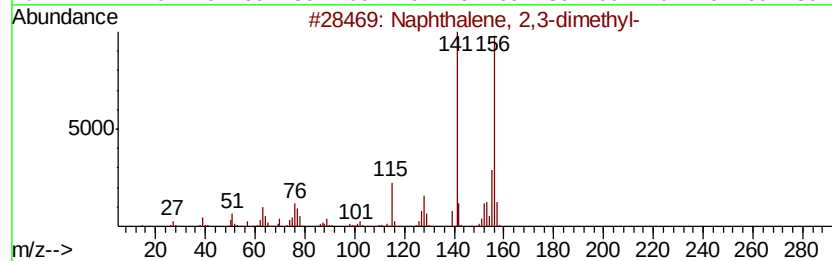
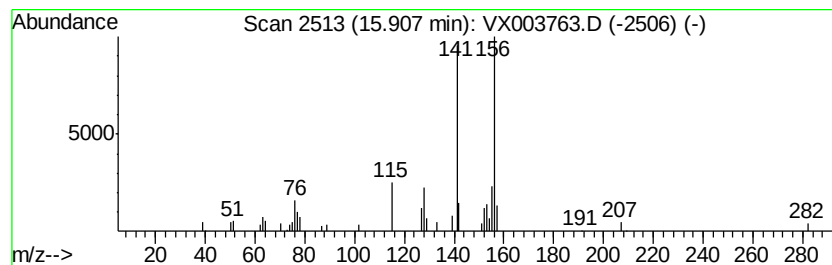
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	6.77 ug/l	32613	1,4-Dichlorobenzene-d4	12.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073118\
Data File : VX003763.D
Acq On : 31 Jul 2018 20:46
Operator : JC/SP
Sample : J4109-07
Misc : 10.41G/5.0mL/MSVOA X/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
SB-10(3-5)

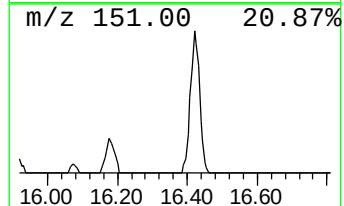
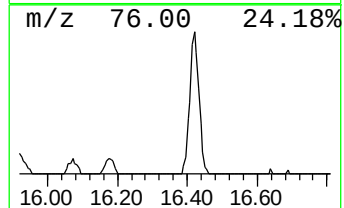
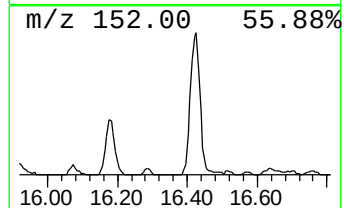
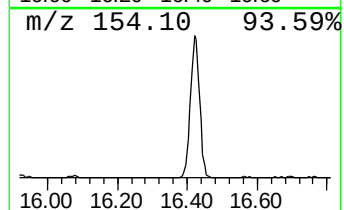
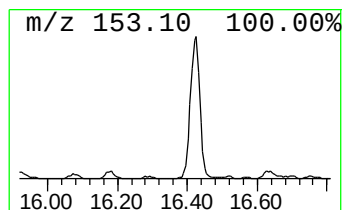
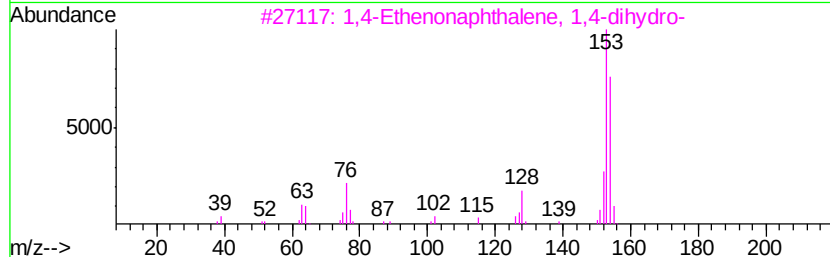
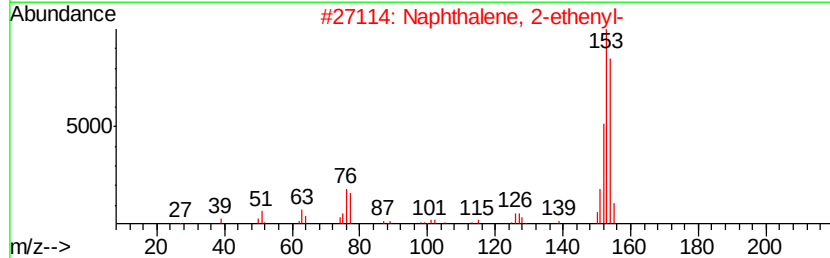
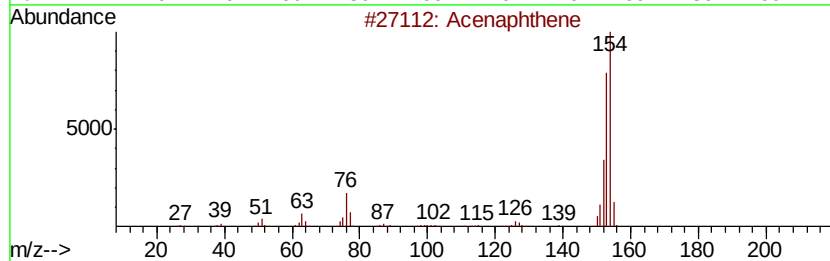
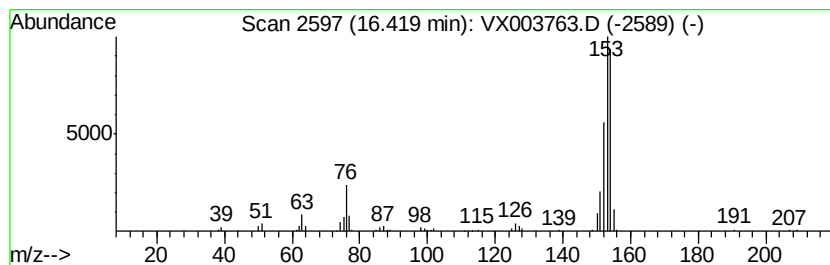
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Quant Title : SW846 8260

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

Peak Number 9 Acenaphthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	12.48 ug/l	60157	1,4-Dichlorobenzene-d4	12.08

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	93
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
3	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	59
4	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5	Biphenyl	154	C12H10	000092-52-4	32



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX073118\
Data File : VX003763.D
Acq On : 31 Jul 2018 20:46
Operator : JC/SP
Sample : J4109-07
Misc : 10.41G/5.0mL/MSVOA_X/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-10(3-5)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.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
Fluorene	13.16	11.8	ug/l	56713	4	12.08	241022	50.0
Naphthalene, 1-me...	14.70	20.9	ug/l	100777	4	12.08	241022	50.0
Naphthalene, 2,7-...	15.55	7.8	ug/l	37335	4	12.08	241022	50.0
Naphthalene, 2,6-...	15.69	13.0	ug/l	62695	4	12.08	241022	50.0
Naphthalene, 2,3-...	15.91	6.8	ug/l	32613	4	12.08	241022	50.0
Acenaphthene	16.42	12.5	ug/l	60157	4	12.08	241022	50.0