

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
 Data File : VY001818.D
 Acq On : 02 Mar 2020 14:20
 Operator : SY/MD
 Sample : L1743-11
 Misc : 8.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-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_Y\METHODS\82Y021720S.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	1.865	16	21	30	rVB	15301	21021	1.90%	0.258%
2	4.731	479	491	503	rBV2	11141	34229	3.10%	0.421%
3	7.730	972	983	989	rBV	118600	279477	25.29%	3.436%
4	7.803	989	995	1007	rVB	199160	442560	40.05%	5.441%
5	8.151	1043	1052	1064	rBV	124525	274780	24.87%	3.378%
6	8.699	1133	1142	1153	rBV	340541	663064	60.00%	8.151%
7	10.181	1377	1385	1394	rBV	537474	933514	84.48%	11.476%
8	10.955	1485	1512	1513	rBV6	29155	130659	11.82%	1.606%
9	11.492	1592	1600	1608	rBV	509453	805495	72.89%	9.902%
10	12.485	1749	1763	1787	rBV3	421358	1105062	100.00%	13.585%
11	12.705	1789	1799	1822	rVB4	52387	253823	22.97%	3.120%
12	13.272	1875	1892	1897	rBV6	17342	71581	6.48%	0.880%
13	13.357	1899	1906	1912	rVV5	25722	85326	7.72%	1.049%
14	13.424	1912	1917	1924	rVB	482537	749130	67.79%	9.209%
15	13.497	1924	1929	1930	rBV	11390	18089	1.64%	0.222%
16	13.784	1964	1976	1989	rVB5	26972	107407	9.72%	1.320%
17	14.089	2012	2026	2035	rVB5	21181	80740	7.31%	0.993%
18	14.326	2056	2065	2077	rVB5	14478	47891	4.33%	0.589%
19	14.552	2081	2102	2115	rBV	269684	965510	87.37%	11.869%
20	14.686	2115	2124	2133	rBV2	31949	115356	10.44%	1.418%
21	14.784	2133	2140	2146	rVB5	13821	35695	3.23%	0.439%
22	14.863	2146	2153	2158	rBV2	18111	47569	4.30%	0.585%
23	14.942	2158	2166	2175	rVB	58493	168010	15.20%	2.065%
24	15.034	2175	2181	2186	rBV3	11254	30476	2.76%	0.375%
25	15.241	2205	2215	2229	rBV3	118798	315527	28.55%	3.879%
26	15.546	2256	2265	2276	rVB9	11310	37330	3.38%	0.459%
27	15.729	2285	2295	2301	rBV6	12687	37728	3.41%	0.464%
28	15.826	2303	2311	2317	rVV10	4480	13040	1.18%	0.160%
29	16.039	2335	2346	2357	rVB10	9741	32171	2.91%	0.395%
30	16.296	2383	2388	2396	rBV	30195	58666	5.31%	0.721%
31	16.491	2414	2420	2427	rVB2	16545	35801	3.24%	0.440%
32	16.759	2450	2464	2473	rBV2	33497	137746	12.47%	1.693%

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
G-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

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Title : SW846 8260

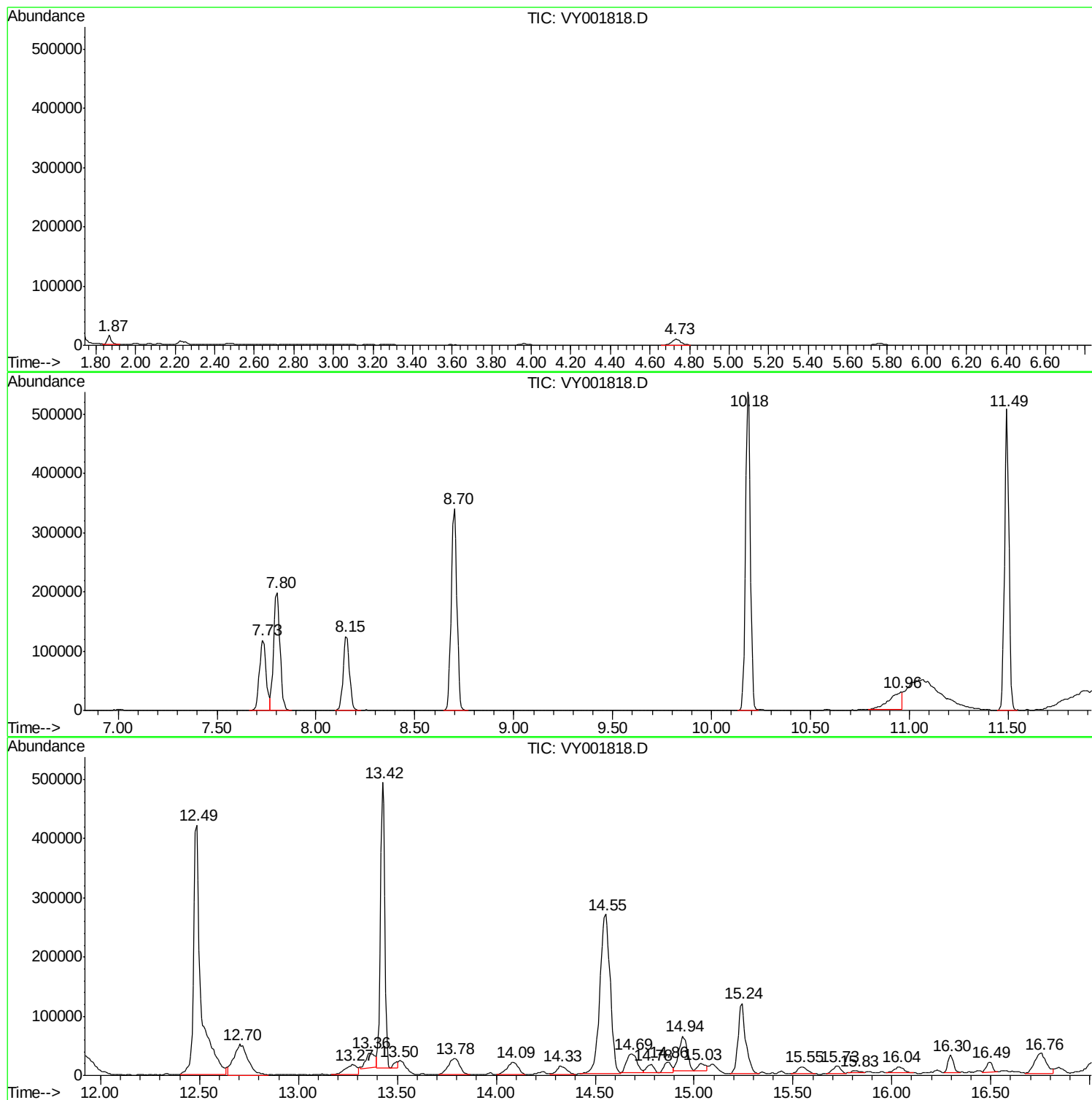
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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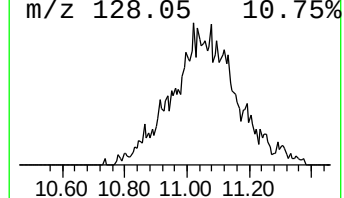
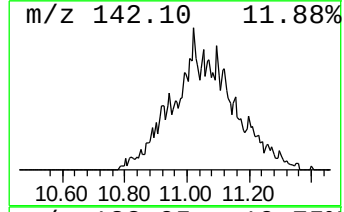
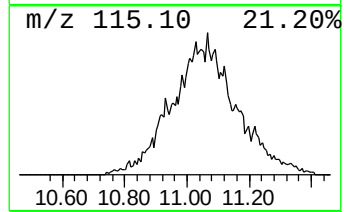
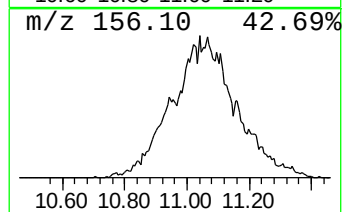
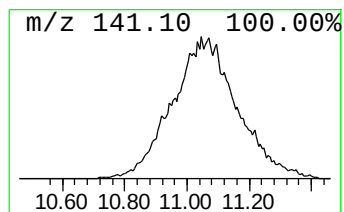
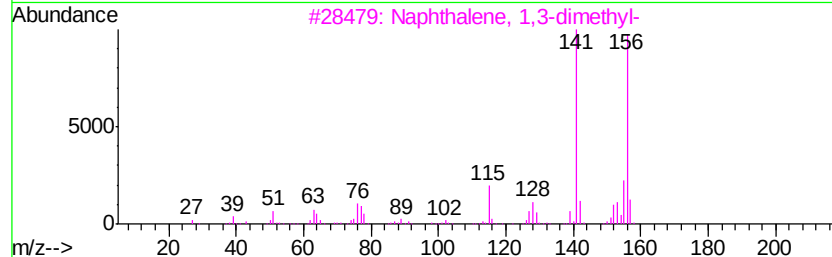
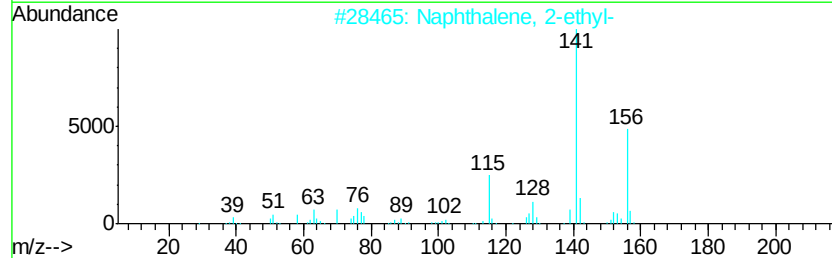
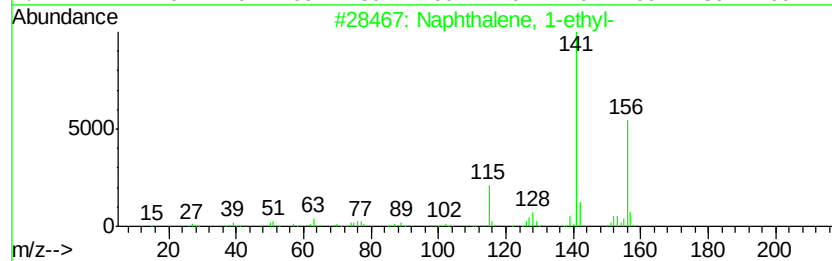
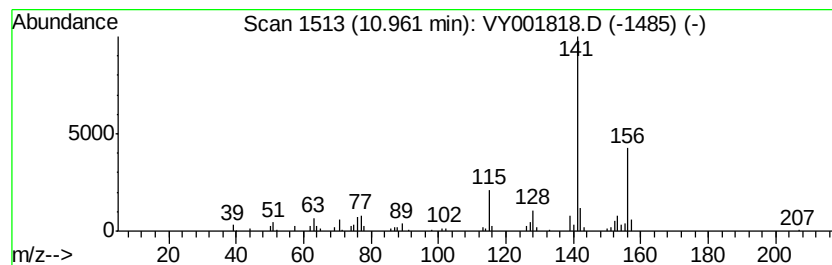
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.96	8.11 ug/l	130659	Chlorobenzene-d5	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
G-5

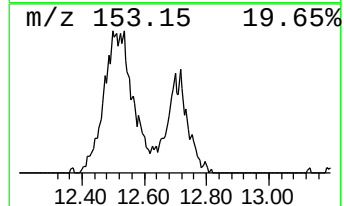
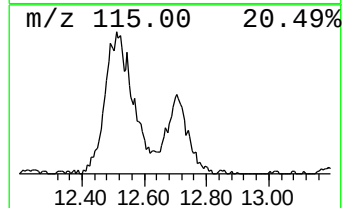
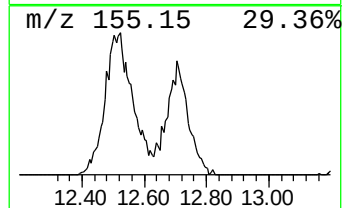
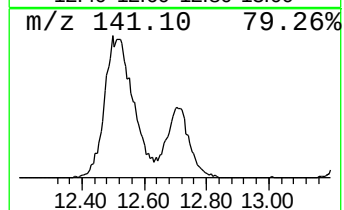
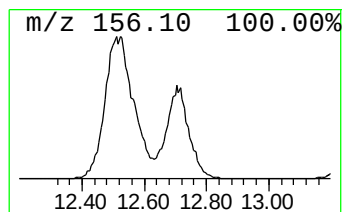
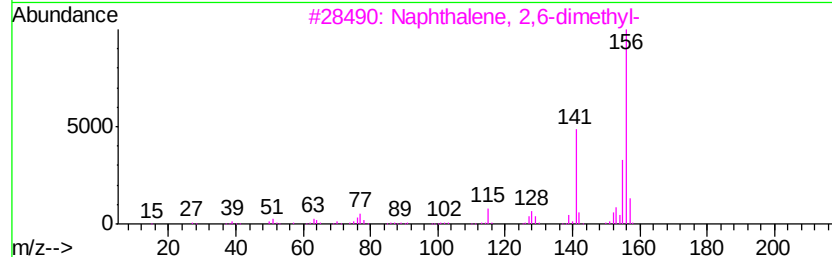
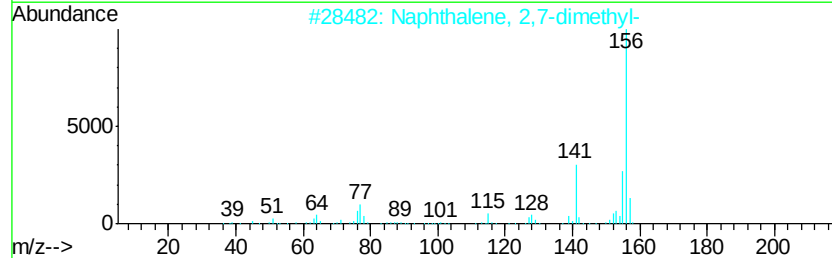
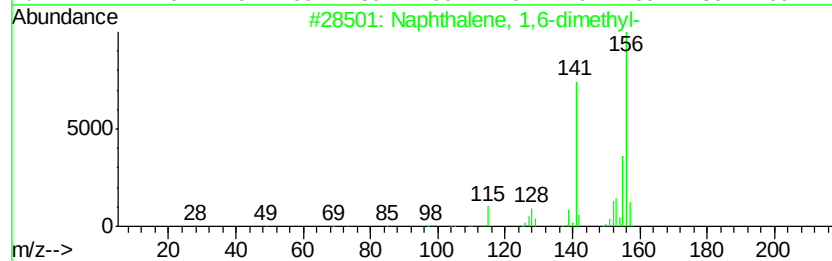
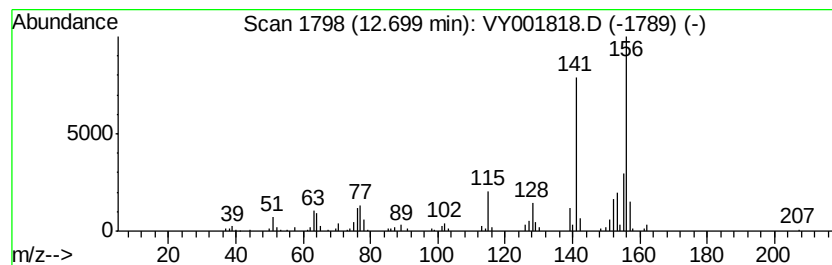
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	16.94 ug/l	253823	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



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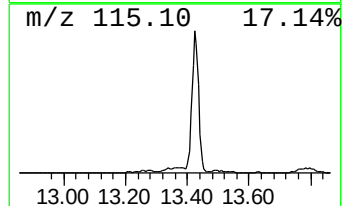
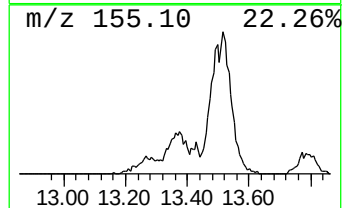
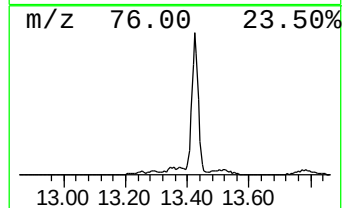
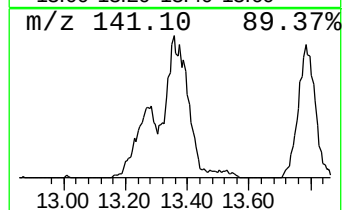
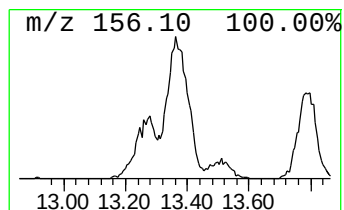
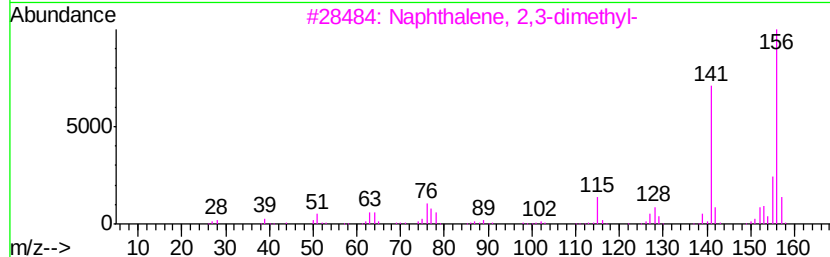
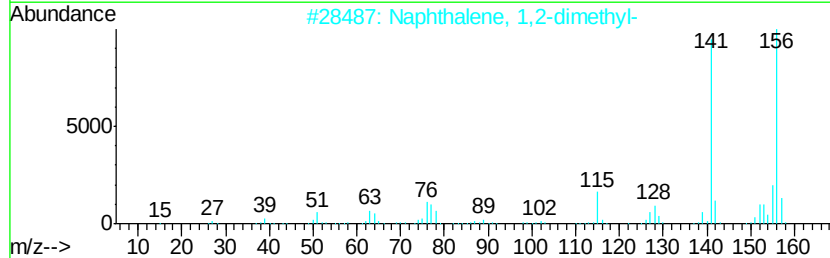
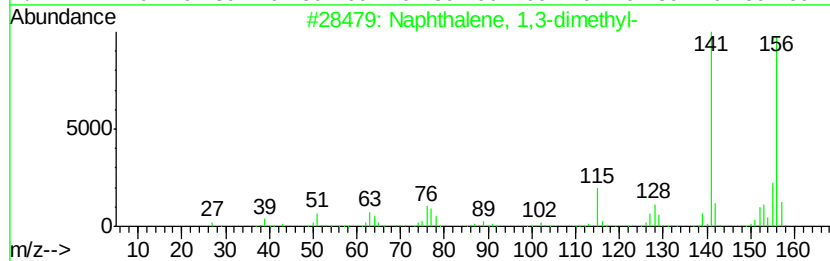
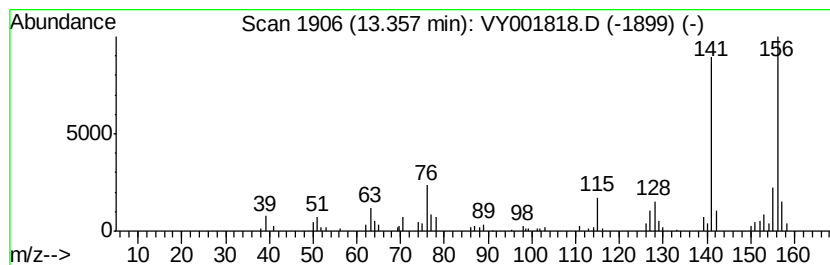
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	5.70 ug/l	85326	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
2		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95



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Misc : 8.12G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
G-5

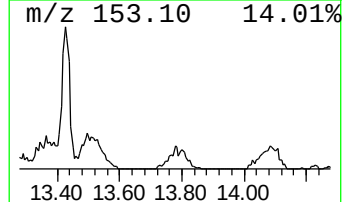
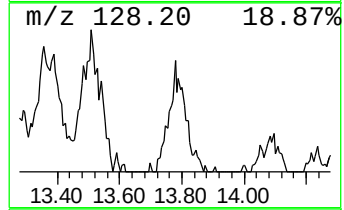
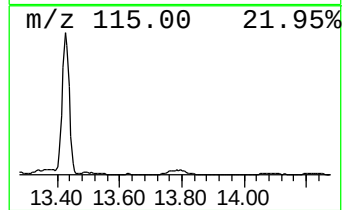
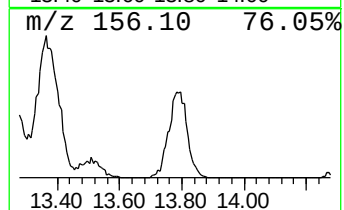
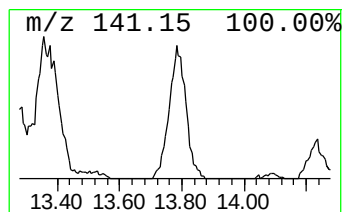
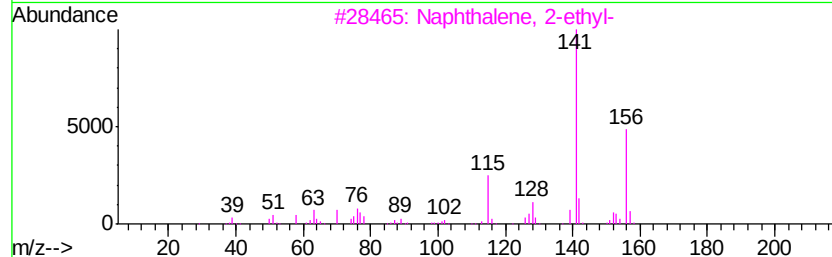
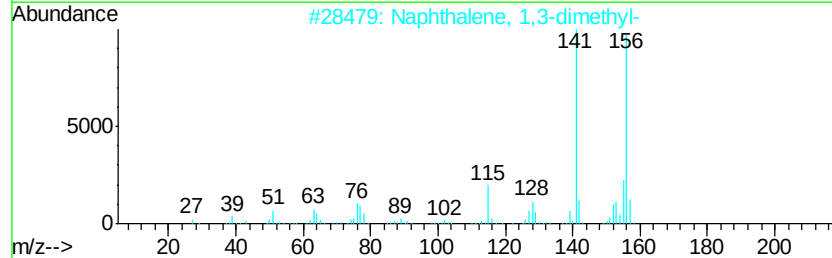
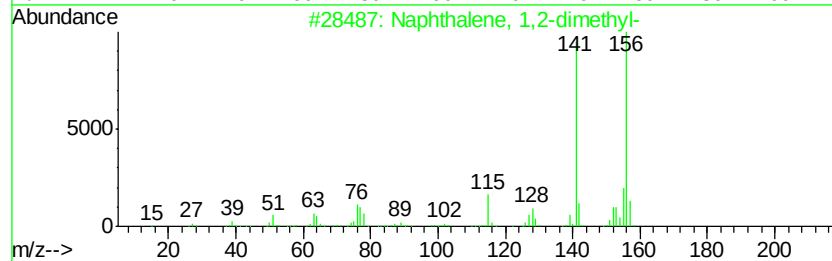
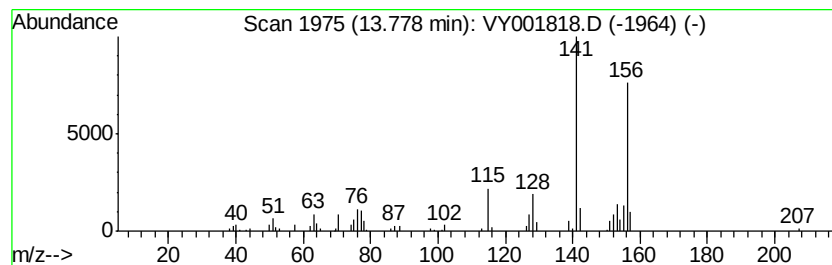
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	7.17 ug/l	107407	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



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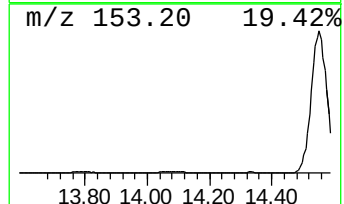
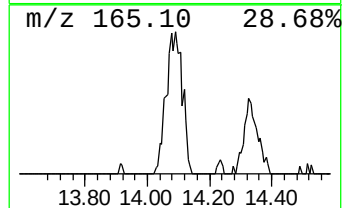
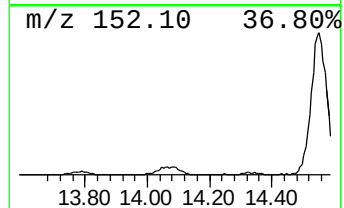
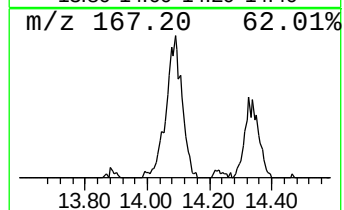
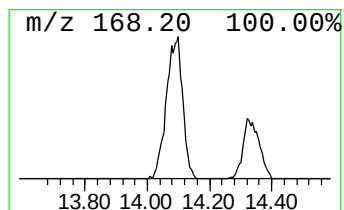
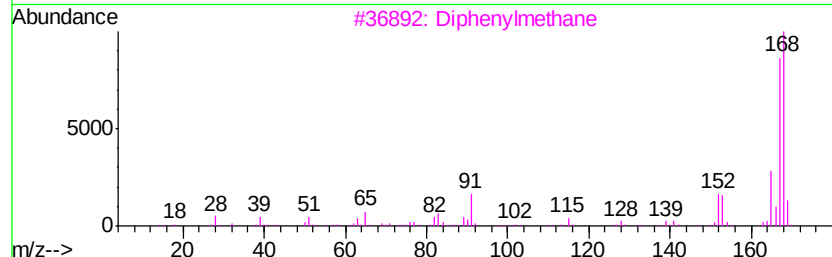
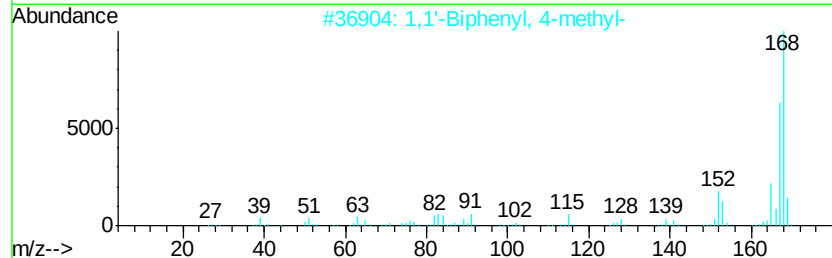
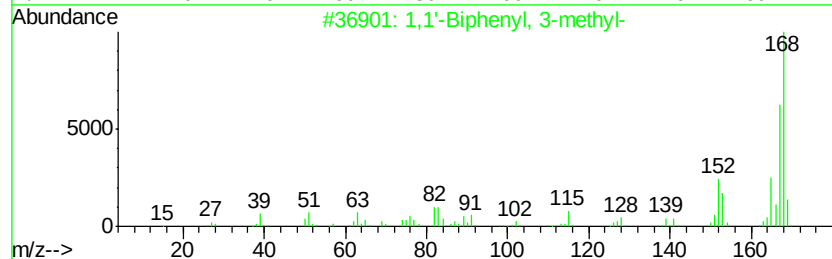
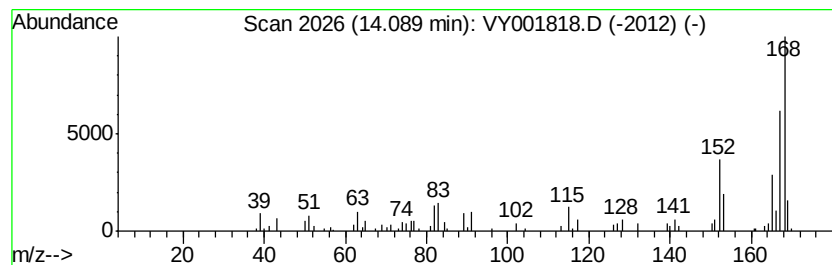
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,1'-Biphenyl, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	5.39 ug/l	80740	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	95
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
3		Diphenylmethane	168	C13H12	000101-81-5	87
4		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
5		1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	64



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ALS Vial : 11 Sample Multiplier: 1

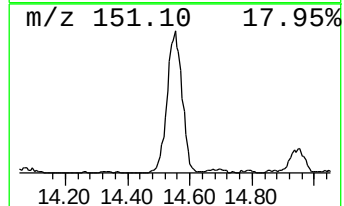
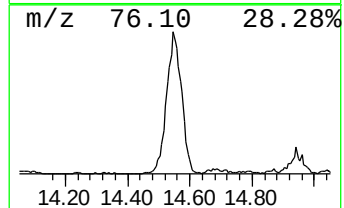
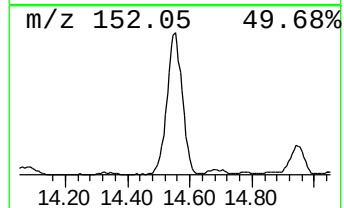
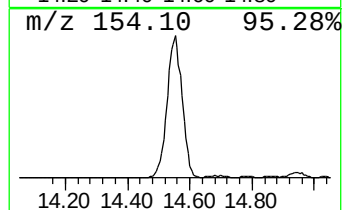
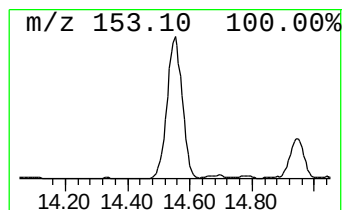
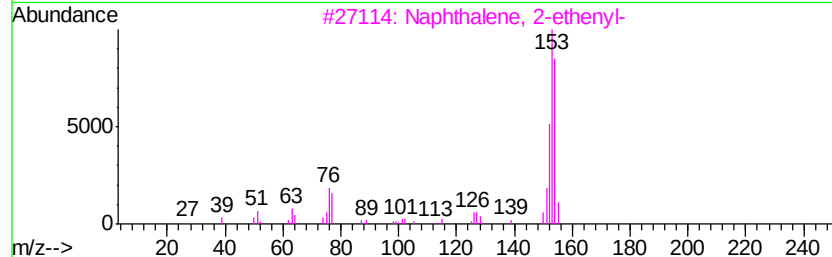
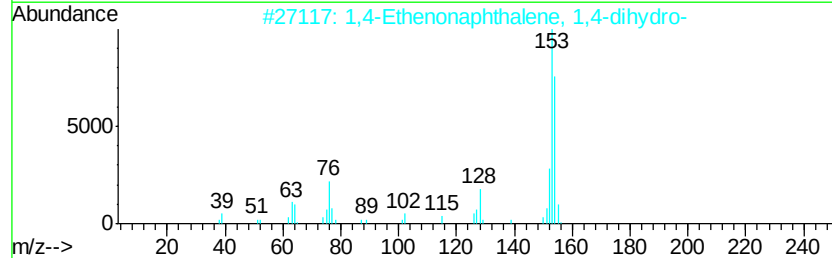
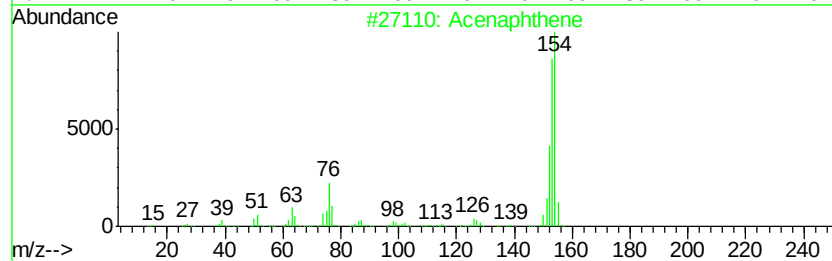
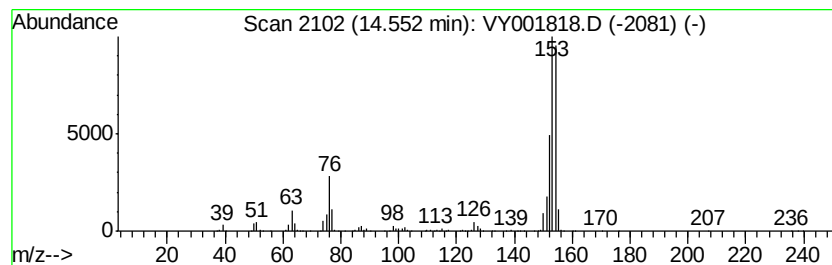
Instrument :
MSVOA_Y
ClientSampleId :
G-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 6 1,4-Ethenonaphthalene, 1,4-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.55	64.44 ug/l	965510	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene	154	C12H10	000083-32-9	94
2	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
3	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	62
4	3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	53
5	Biphenyl	154	C12H10	000092-52-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
Data File : VY001818.D
Acq On : 02 Mar 2020 14:20
Operator : SY/MD
Sample : L1743-11
Misc : 8.12G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

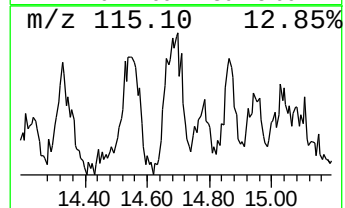
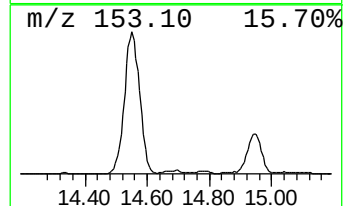
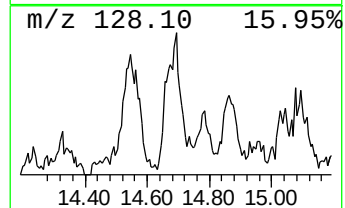
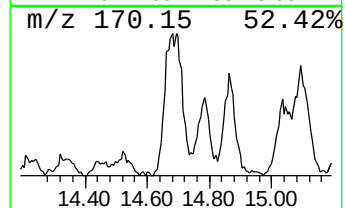
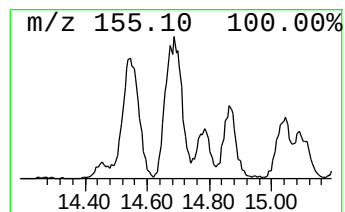
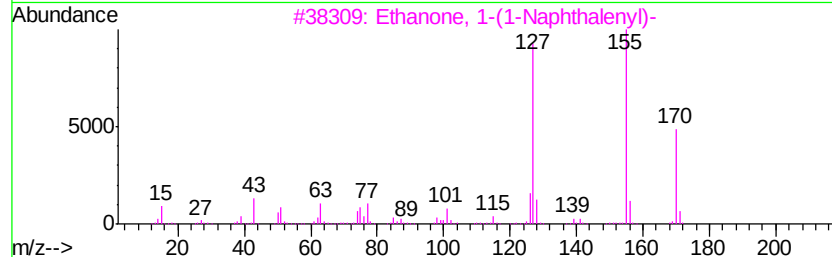
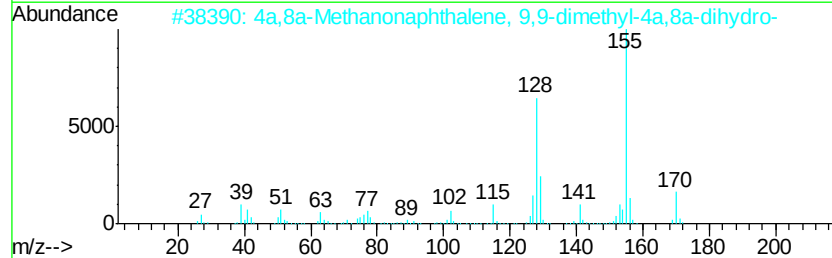
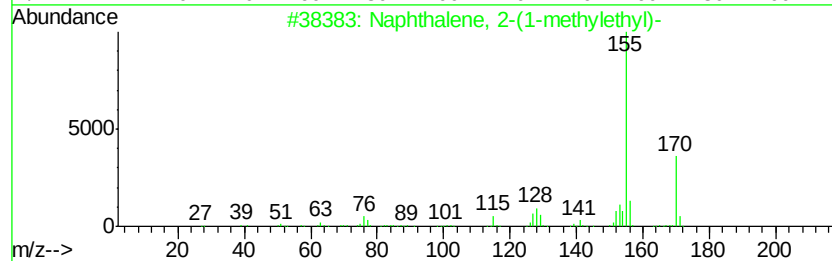
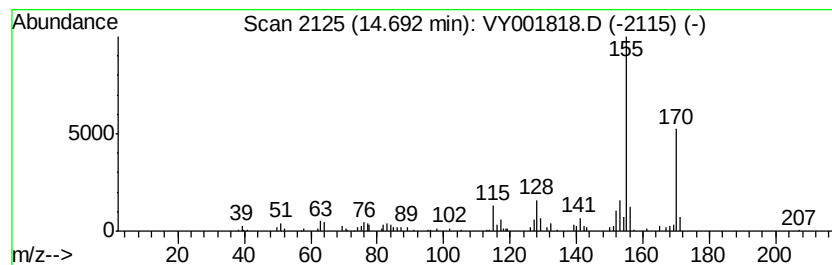
Instrument :
MSVOA_Y
ClientSampleId :
G-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.69	7.70 ug/l	115356	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	96
2	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	86
3	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
Data File : VY001818.D
Acq On : 02 Mar 2020 14:20
Operator : SY/MD
Sample : L1743-11
Misc : 8.12G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

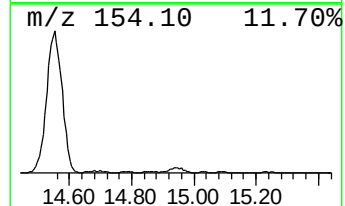
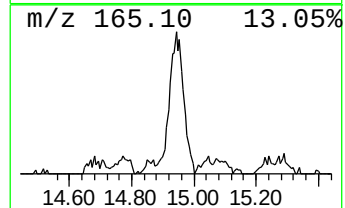
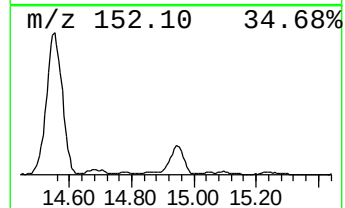
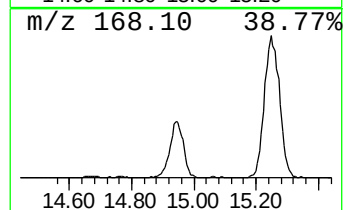
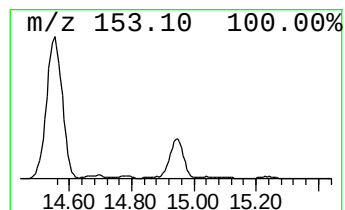
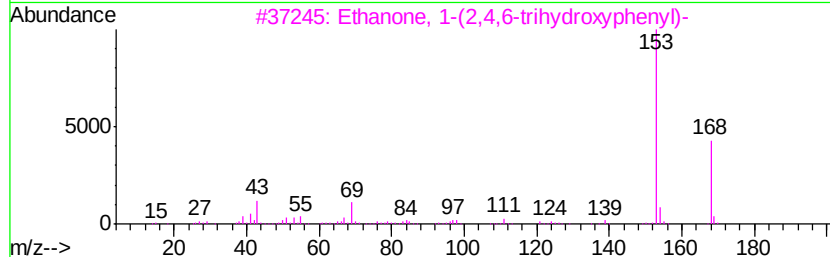
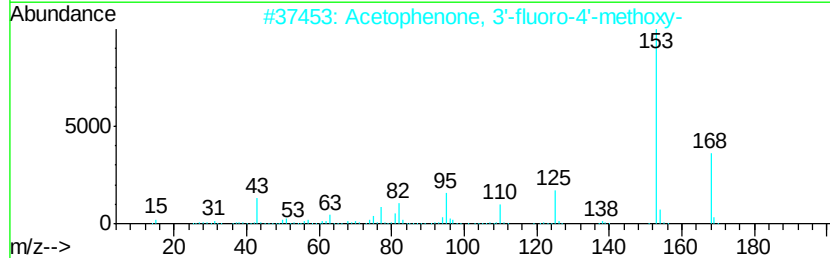
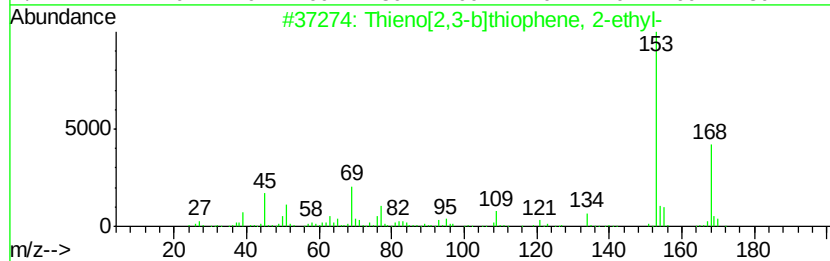
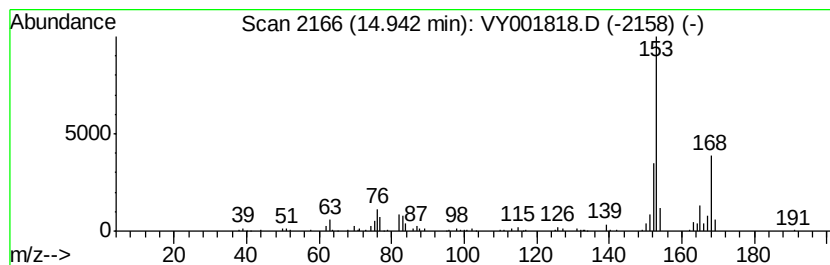
Instrument :
MSVOA_Y
ClientSampleId :
G-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 8 Thieno[2,3-b]thiophene, 2-e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.94	11.21 ug/l	168010	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	59
2	Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9F02	000455-91-4	53
3	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53
4	2,4(1H,3H)-Pyrimidinedione, 5-(1...	168	C8H12N2O2	017432-97-2	53
5	2-Fluoro-4-methoxyacetophenone	168	C9H9F02	074457-86-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030220\
Data File : VY001818.D
Acq On : 02 Mar 2020 14:20
Operator : SY/MD
Sample : L1743-11
Misc : 8.12G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

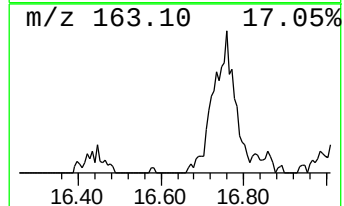
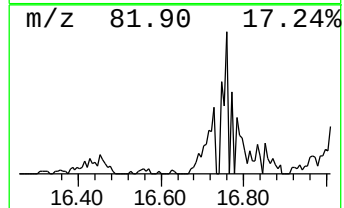
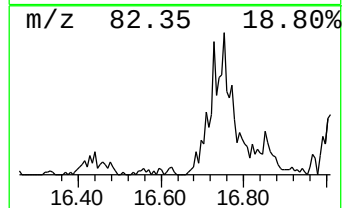
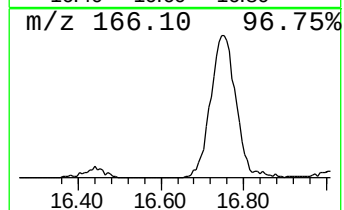
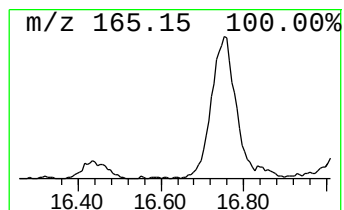
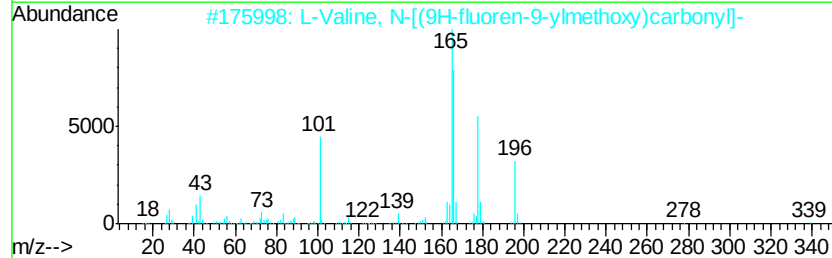
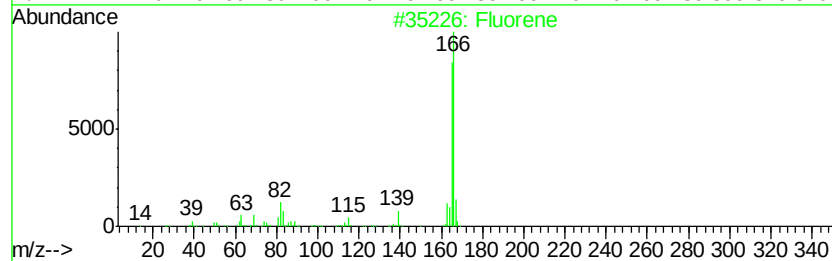
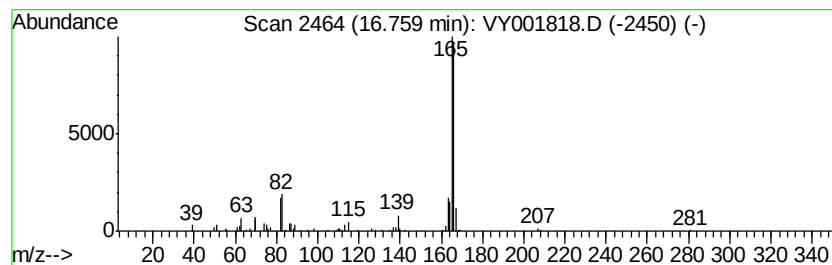
Instrument :
MSVOA_Y
ClientSampleId :
G-5

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260

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

Peak Number 9 L-Valine, N-[(9H-fluoren-9-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	9.19 ug/l	137746	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Fluorene		166 C13H10	000086-73-7 90
2	L-Valine, N-[(9H-fluoren-9-ylmet...		339 C20H21N04	068858-20-8 72
3	1,3-Benzodioxole-5-carboxylic acid		166 C8H6O4	000094-53-1 59
4	3-Trifluoromethylbenzhydryl chlo...		270 C14H10ClF3	067240-79-3 56
5	Fluorene-9-methanol		196 C14H12O	024324-17-2 56



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030220\
 Data File : VY001818.D
 Acq On : 02 Mar 2020 14:20
 Operator : SY/MD
 Sample : L1743-11
 Misc : 8.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.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...	10.96	8.1	ug/l	130659	3	11.49	805495	50.0
Naphthalene, 1,6-...	12.70	16.9	ug/l	253823	4	13.42	749130	50.0
Naphthalene, 1,3-...	13.36	5.7	ug/l	85326	4	13.42	749130	50.0
Naphthalene, 1,2-...	13.78	7.2	ug/l	107407	4	13.42	749130	50.0
1,1'-Biphenyl, 3-...	14.09	5.4	ug/l	80740	4	13.42	749130	50.0
1,4-Ethenonaphtha...	14.55	64.4	ug/l	965510	4	13.42	749130	50.0
Naphthalene, 2-(1...	14.69	7.7	ug/l	115356	4	13.42	749130	50.0
Thieno[2,3-b]thio...	14.94	11.2	ug/l	168010	4	13.42	749130	50.0
L-Valine, N-[(9H-...	16.76	9.2	ug/l	137746	4	13.42	749130	50.0