

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001381.D
 Acq On : 24 Jan 2020 14:50
 Operator : SY/MD
 Sample : L1016-10
 Misc : 5.37G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-012320

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\82Y012120S.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	3.968	356	366	379	rBV	24387	68948	1.95%	0.361%
2	7.742	972	985	990	rBV2	121501	284575	8.03%	1.491%
3	7.809	990	996	1008	rVB	216149	499587	14.10%	2.617%
4	8.163	1044	1054	1067	rVB	132111	293005	8.27%	1.535%
5	8.705	1135	1143	1154	rBV	363327	717274	20.24%	3.757%
6	10.193	1379	1387	1392	rBV	564163	979970	27.65%	5.134%
7	10.254	1392	1397	1406	rVB	845321	1425221	40.22%	7.466%
8	10.931	1494	1508	1509	rBV2	21780	55488	1.57%	0.291%
9	11.498	1594	1601	1608	rVB	506810	826654	23.33%	4.330%
10	11.601	1612	1618	1625	rVB	197823	311941	8.80%	1.634%
11	11.705	1628	1635	1642	rBV	816278	1523979	43.00%	7.983%
12	11.809	1644	1652	1654	rBV3	41001	111021	3.13%	0.582%
13	12.034	1684	1689	1699	rVB	361991	599813	16.93%	3.142%
14	12.491	1748	1764	1787	rBV3	524976	1973591	55.69%	10.339%
15	12.717	1791	1801	1815	rVV5	146875	751583	21.21%	3.937%
16	13.125	1858	1868	1873	rBV	35895	70258	1.98%	0.368%
17	13.375	1899	1909	1913	rBV2	47719	158600	4.48%	0.831%
18	13.430	1913	1918	1927	rVB	435475	690958	19.50%	3.620%
19	13.631	1945	1951	1956	rBV	93741	146754	4.14%	0.769%
20	13.814	1974	1981	1988	rVB5	31029	95323	2.69%	0.499%
21	14.089	2012	2026	2037	rVB6	39378	137317	3.87%	0.719%
22	14.570	2089	2105	2118	rVB2	326007	1092124	30.82%	5.721%
23	14.692	2118	2125	2130	rBV3	61287	129723	3.66%	0.680%
24	14.759	2130	2136	2142	rVB4	23305	45251	1.28%	0.237%
25	14.838	2145	2149	2159	rVB2	32926	53699	1.52%	0.281%
26	14.954	2159	2168	2177	rBV6	25292	76922	2.17%	0.403%
27	15.241	2207	2215	2226	rBV	2039674	3543899	100.00%	18.565%
28	15.338	2226	2231	2239	rVB	66472	131502	3.71%	0.689%
29	15.533	2257	2263	2271	rBV3	18521	45115	1.27%	0.236%
30	15.735	2281	2296	2305	rBV6	22738	90223	2.55%	0.473%
31	16.235	2371	2378	2381	rBV4	19540	41129	1.16%	0.215%
32	16.302	2381	2389	2397	rVB	692521	1401873	39.56%	7.344%
33	16.497	2413	2421	2430	rVB	343951	716299	20.21%	3.752%

LSC Area Percent Report

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Sample : L1016-10
Misc : 5.37G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

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\82Y012120S.M
Title : SW846 8260

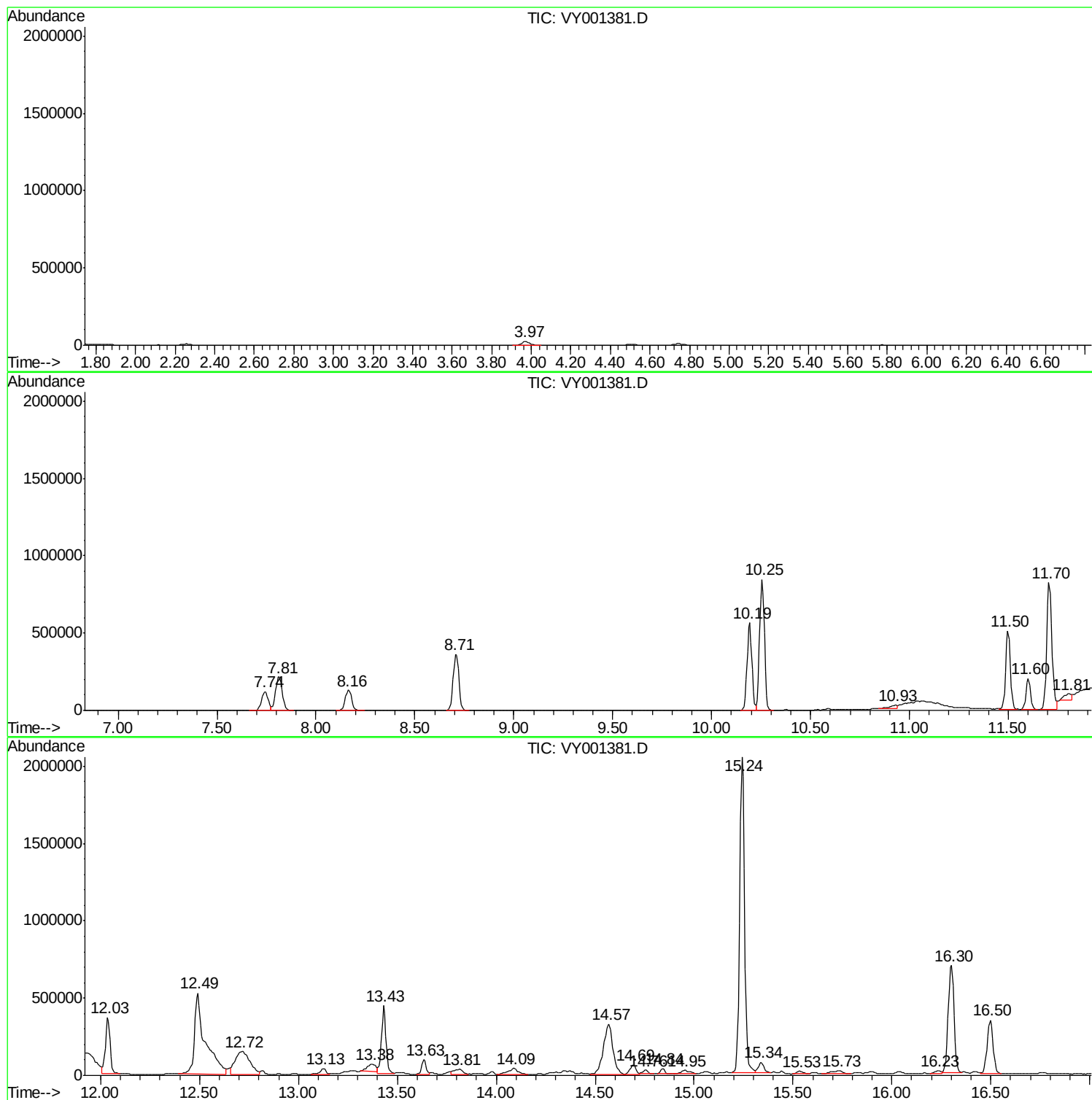
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Quant Title : SW846 8260

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



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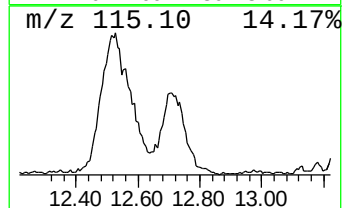
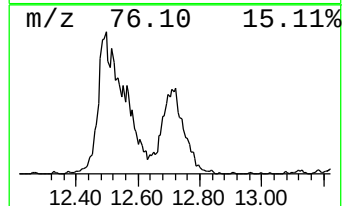
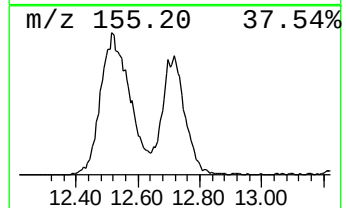
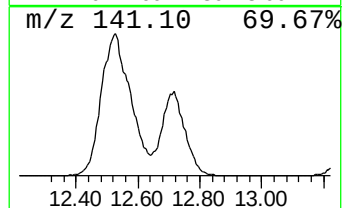
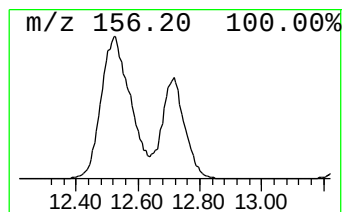
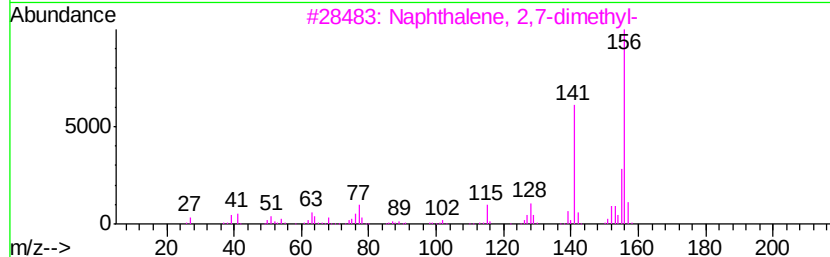
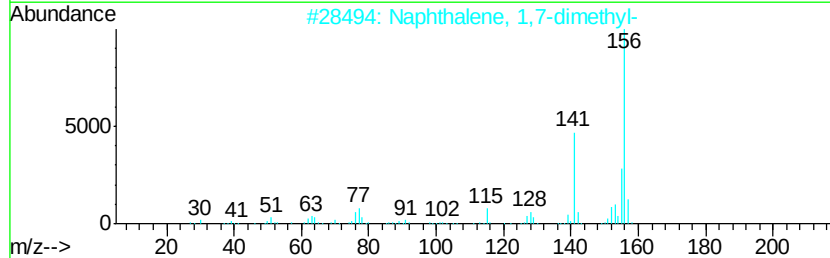
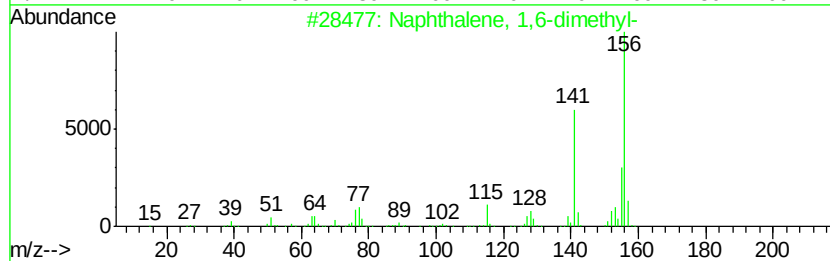
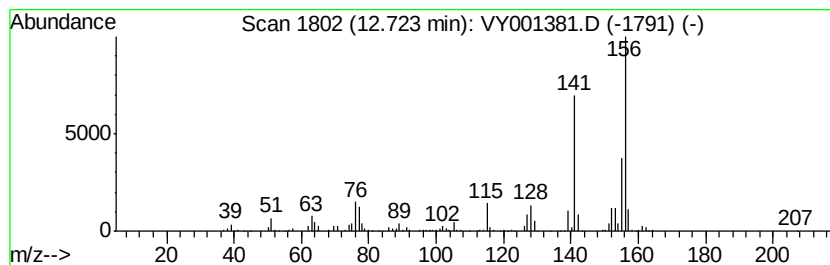
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	54.39 ug/l	751583	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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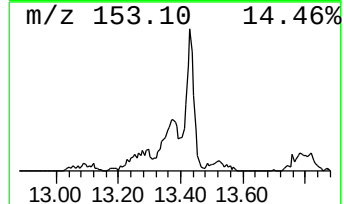
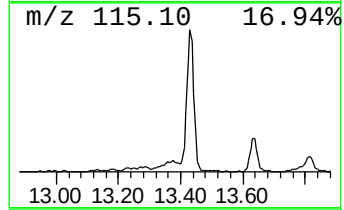
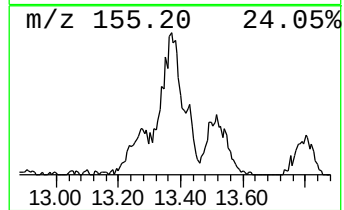
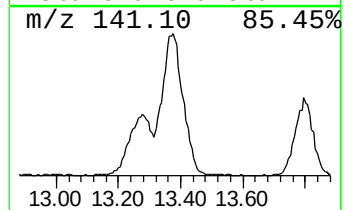
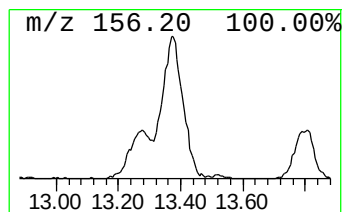
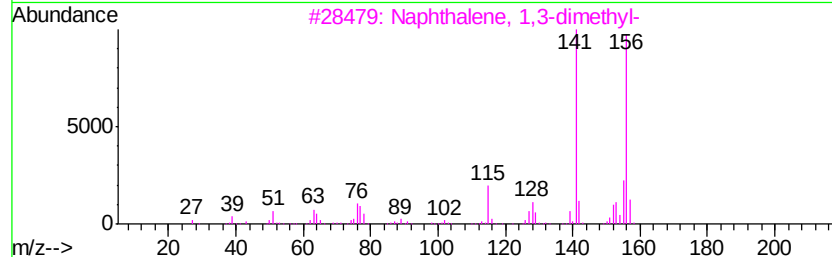
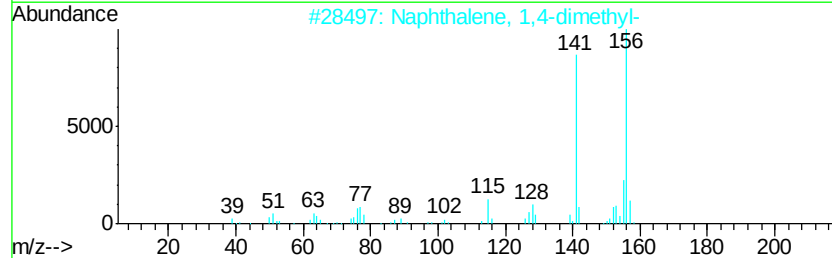
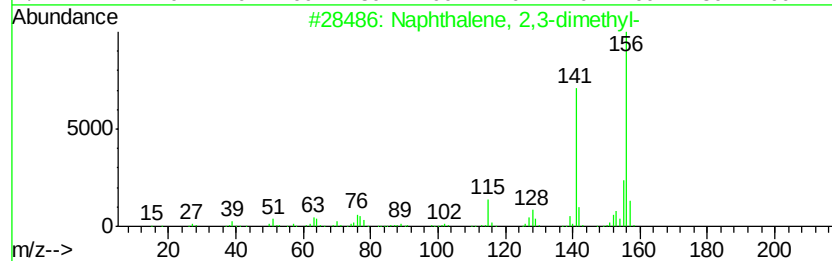
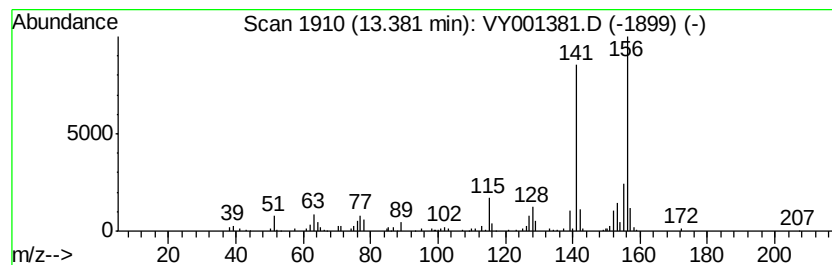
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.38	11.48 ug/l	158600	1,4-Dichlorobenzene-d4	13.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94



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Misc : 5.37G/5ML/MSVOA Y/SOIL
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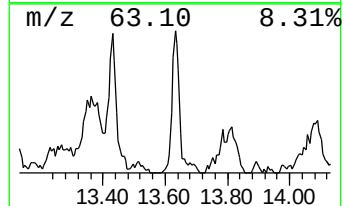
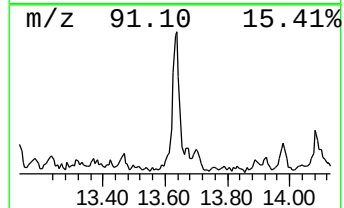
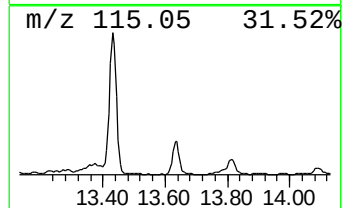
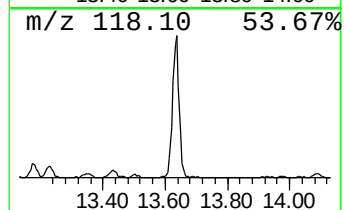
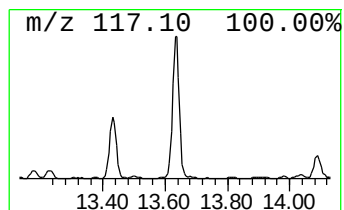
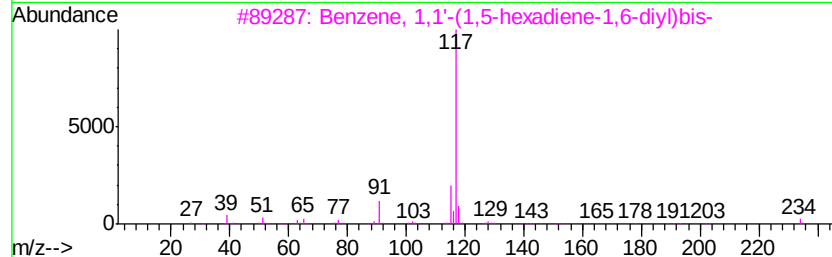
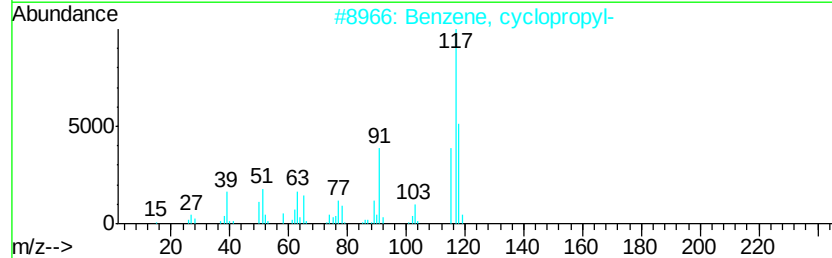
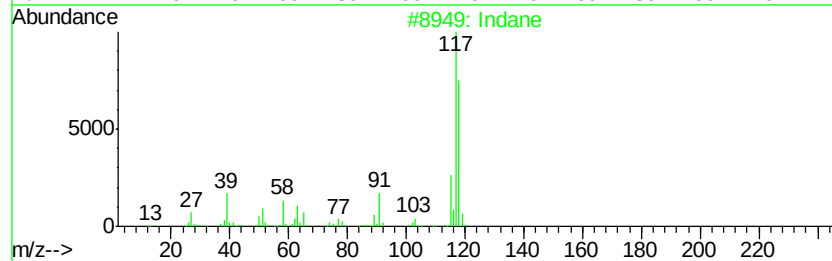
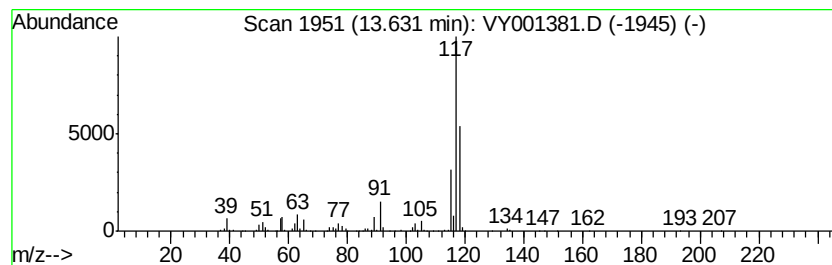
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	10.62 ug/l	146754	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Indane		118 C9H10	000496-11-7 87
2	Benzene, cyclopropyl-		118 C9H10	000873-49-4 81
3	Benzene, 1,1'-(1,5-hexadiene-1,6...		234 C18H18	004439-45-6 53
4	Benzeneethanol, .beta.-ethenyl-		148 C10H12O	006052-63-7 50
5	Indole		117 C8H7N	000120-72-9 46



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Misc : 5.37G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

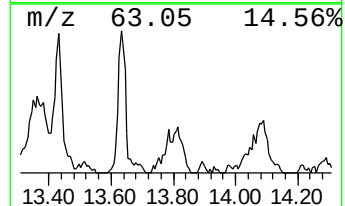
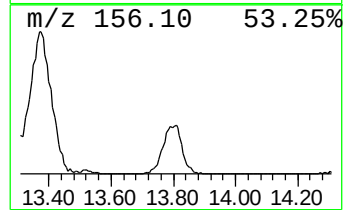
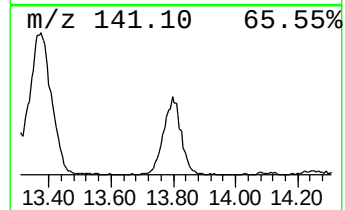
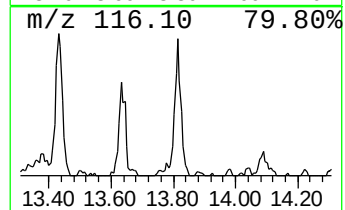
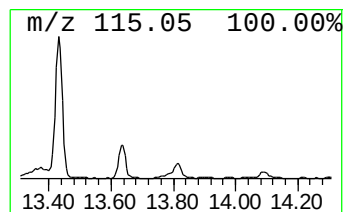
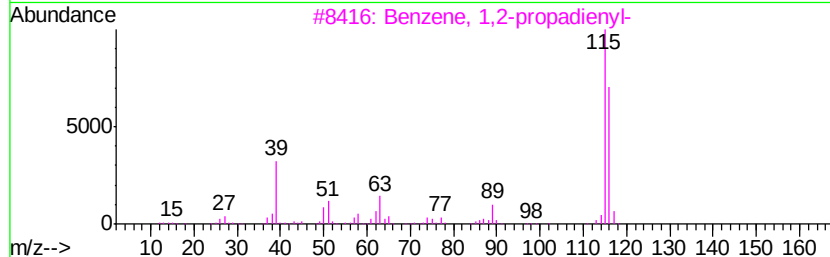
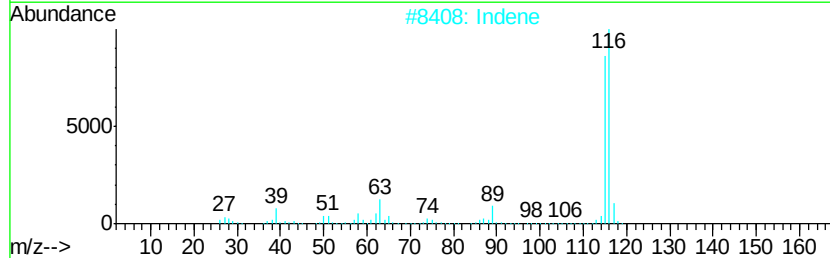
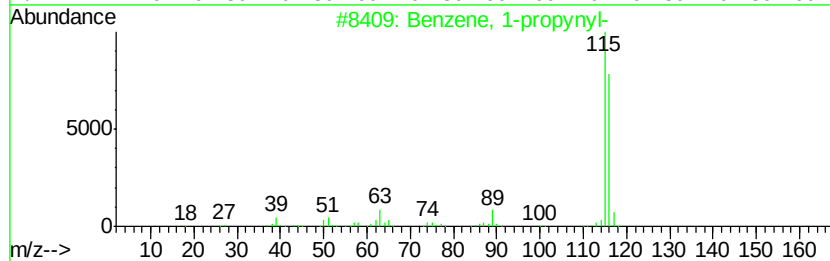
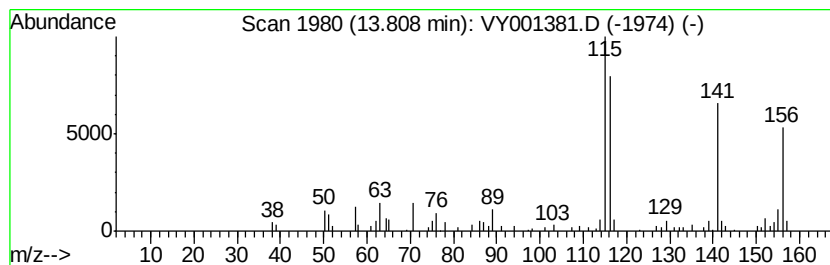
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-propynyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	6.90 ug/l	95323	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-propynyl-	116 C9H8	000673-32-5 52
2		Indene	116 C9H8	000095-13-6 52
3		Benzene, 1,2-propadienyl-	116 C9H8	002327-99-3 50
4		Benzene, 1-ethynyl-4-methyl-	116 C9H8	000766-97-2 50
5		2-Methylphenylacetylene	116 C9H8	000766-47-2 40



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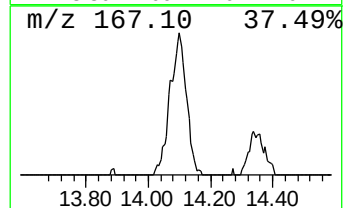
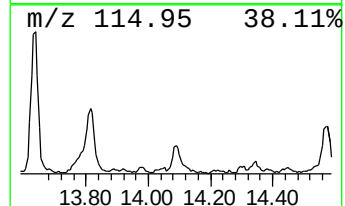
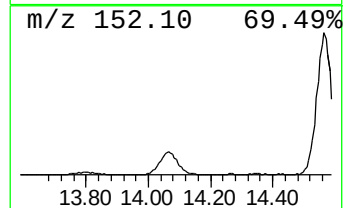
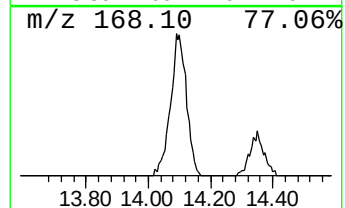
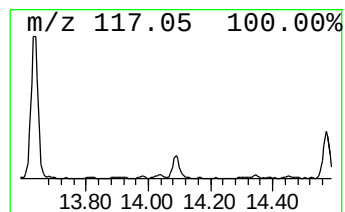
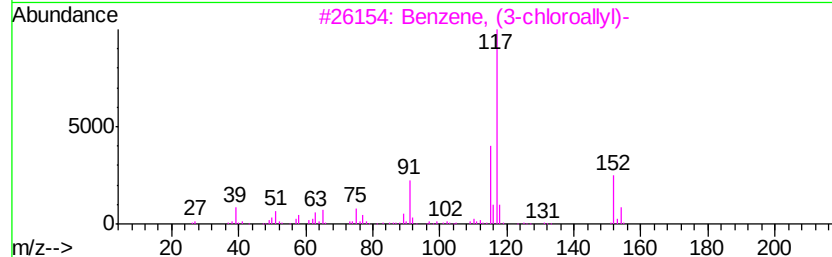
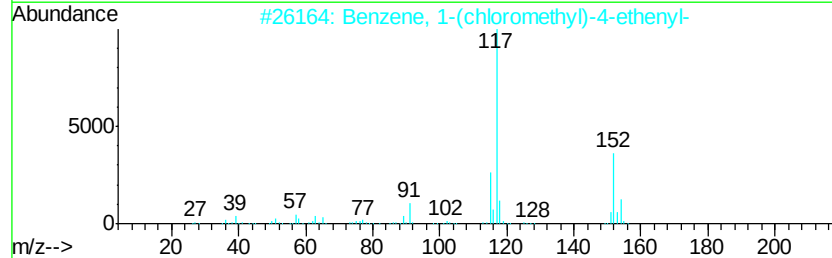
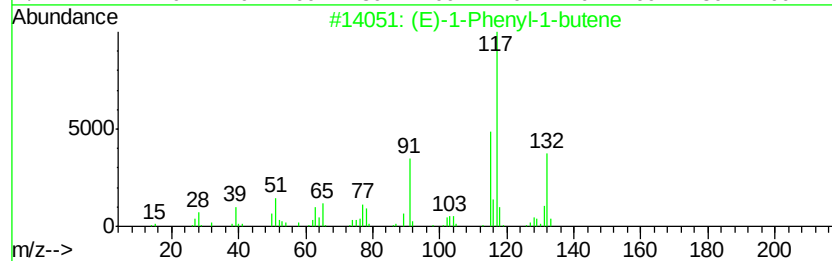
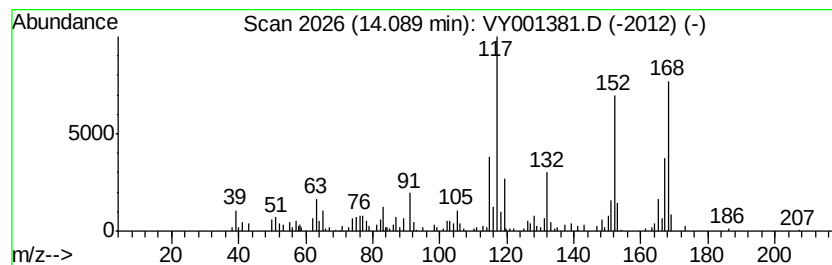
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (E)-1-Phenyl-1-butene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.09	9.94 ug/l	137317	1,4-Dichlorobenzene-d4	13.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	81
2	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	45
3	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	45
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	42
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	42



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Misc : 5.37G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

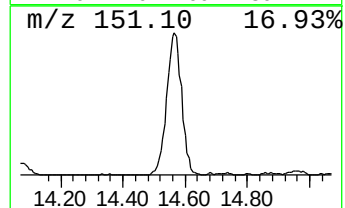
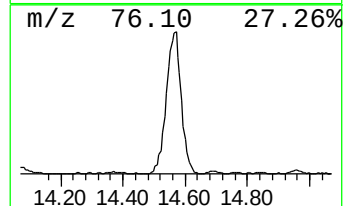
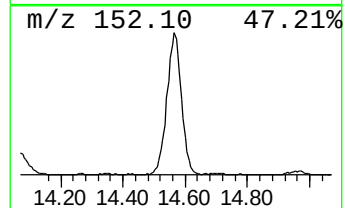
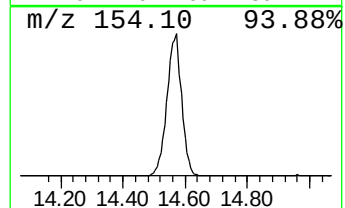
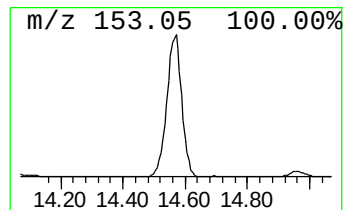
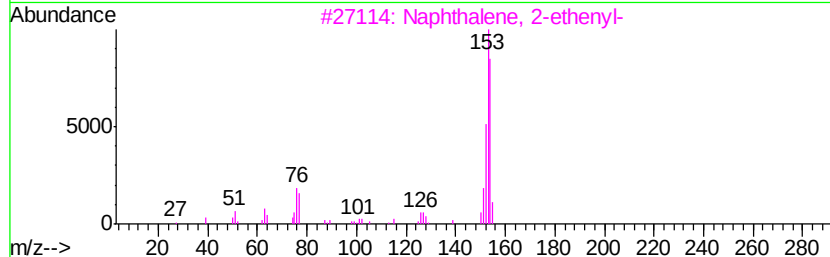
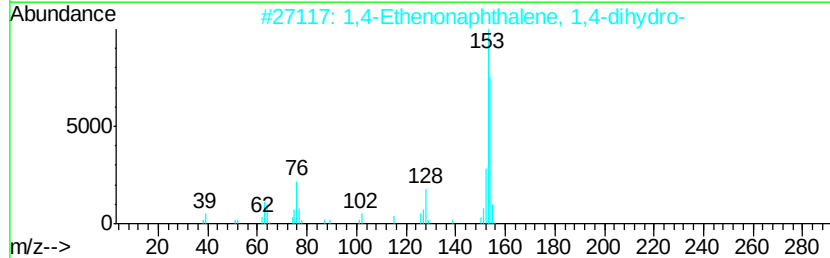
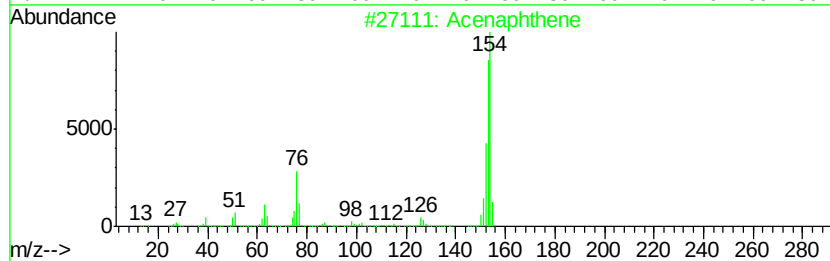
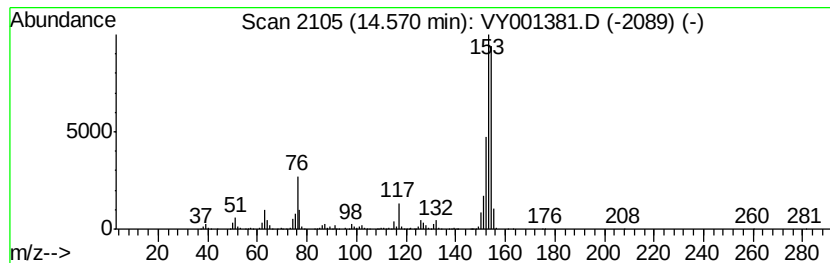
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 6 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	79.03 ug/l	1092120	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Acenaphthene	154 C12H10	000083-32-9	96
2	1,4-Ethenonaphthalene, 1,4-dihydro-	154 C12H10	007322-47-6	64
3	Naphthalene, 2-ethenyl-	154 C12H10	000827-54-3	58
4	3-Fluoro-para-anisaldehyde	154 C8H7FO2	000351-54-2	50
5	Biphenyl	154 C12H10	000092-52-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001381.D
Acq On : 24 Jan 2020 14:50
Operator : SY/MD
Sample : L1016-10
Misc : 5.37G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

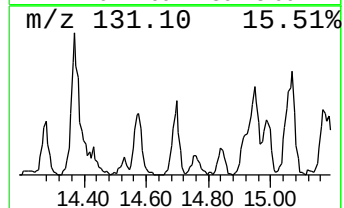
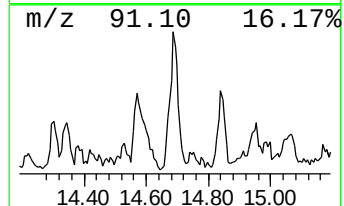
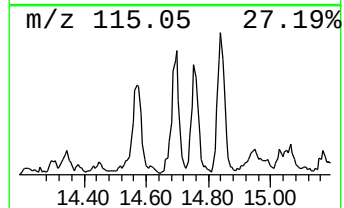
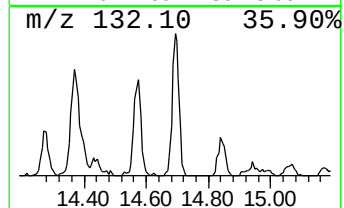
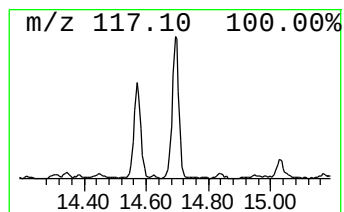
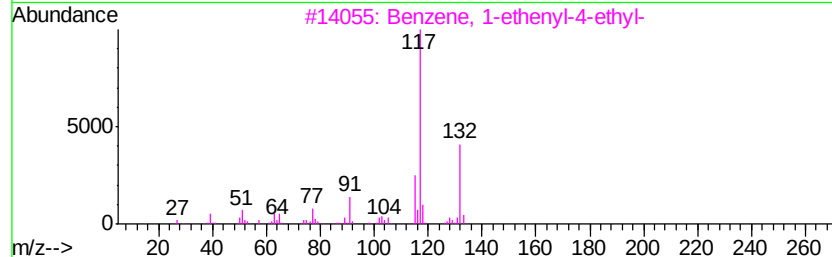
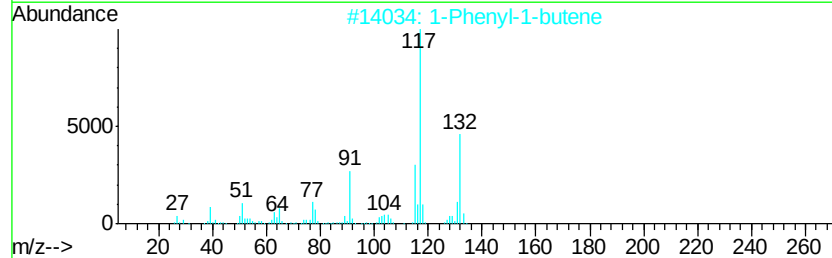
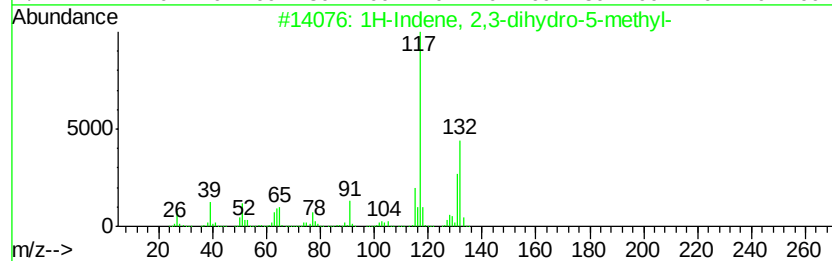
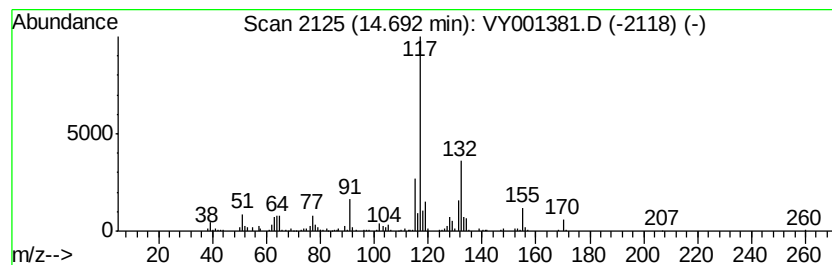
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Quant Title : SW846 8260

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

Peak Number 7 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	9.39 ug/l	129723	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4		1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
5		Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001381.D
Acq On : 24 Jan 2020 14:50
Operator : SY/MD
Sample : L1016-10
Misc : 5.37G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

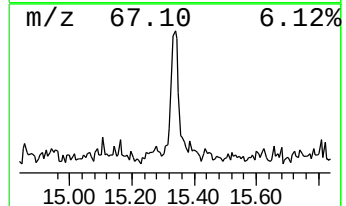
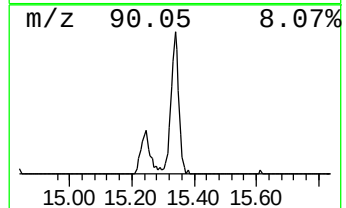
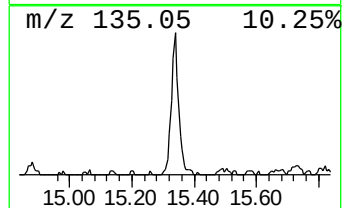
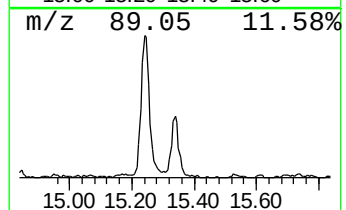
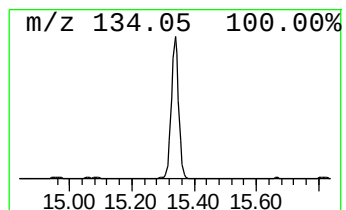
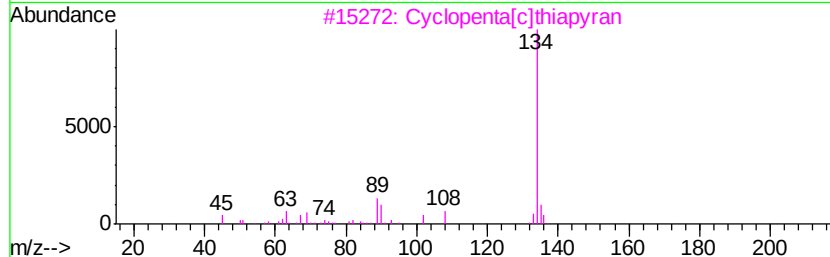
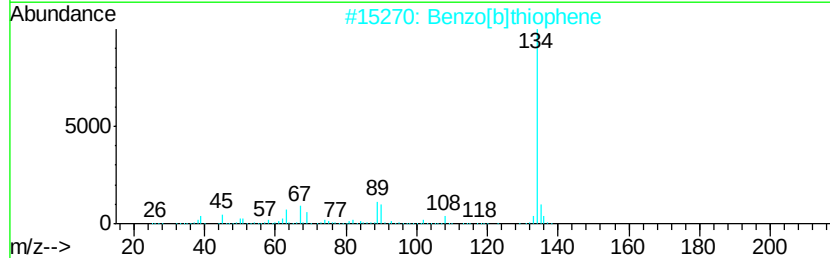
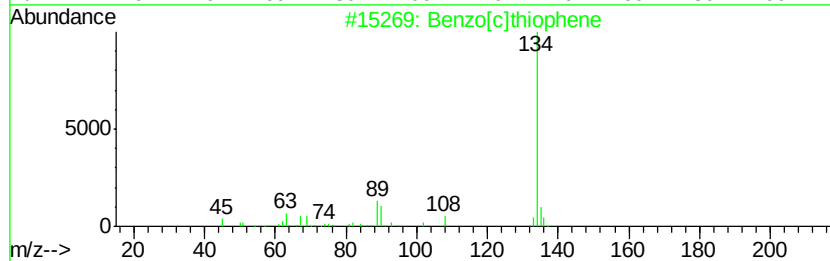
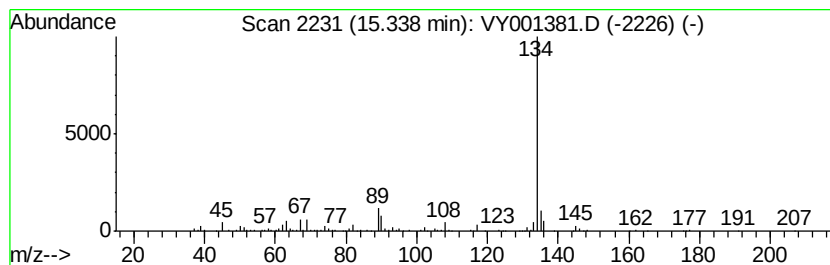
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 8 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	9.52 ug/l	131502	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3		Cyclopenta[c]thiopyran	134	C8H6S	000270-63-3	90
4		[1]Benzo[thieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	78
5		5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001381.D
Acq On : 24 Jan 2020 14:50
Operator : SY/MD
Sample : L1016-10
Misc : 5.37G/5ML/MSVOA Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

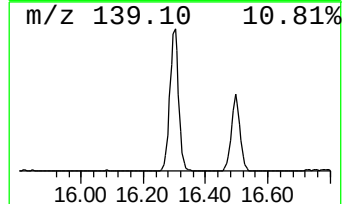
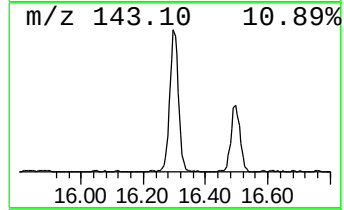
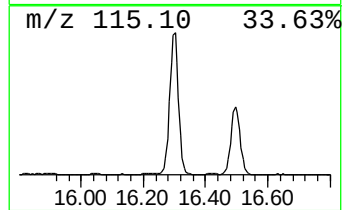
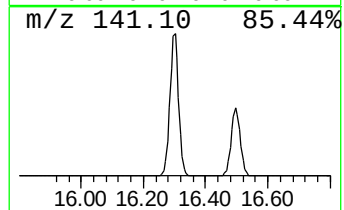
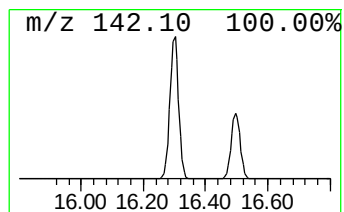
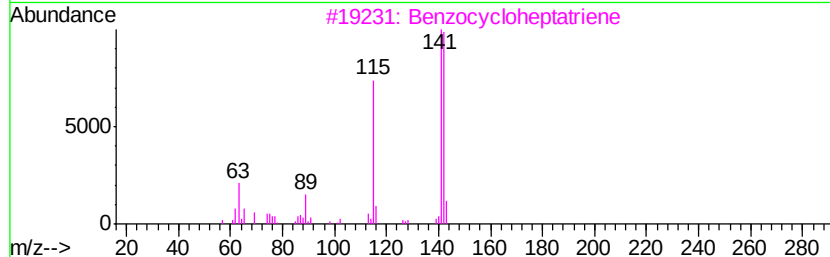
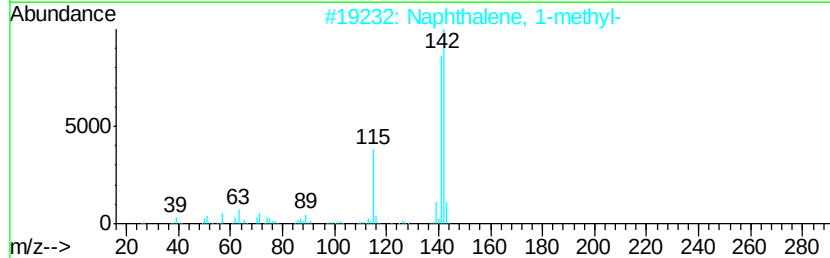
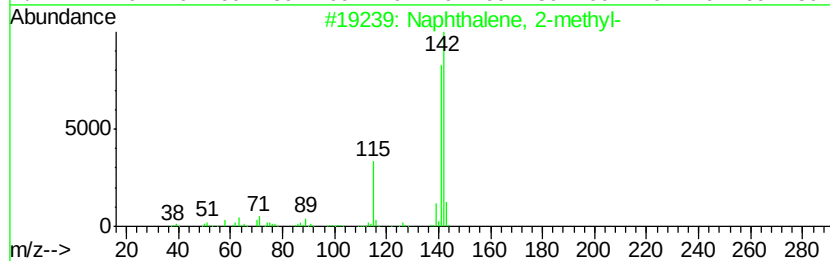
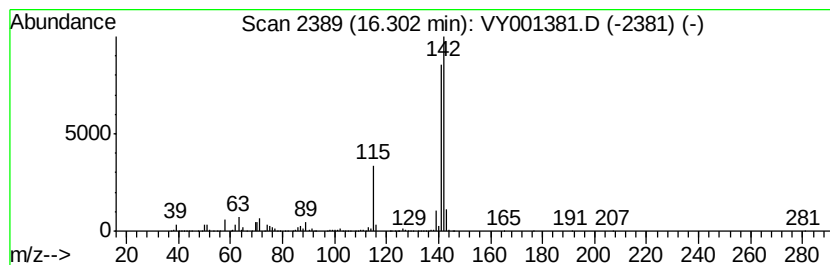
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	101.44 ug/l	1401870	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012420\
Data File : VY001381.D
Acq On : 24 Jan 2020 14:50
Operator : SY/MD
Sample : L1016-10
Misc : 5.37G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.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, 1,6-...	12.72	54.4	ug/l	751583	4	13.43	690958	50.0
Naphthalene, 2,3-...	13.38	11.5	ug/l	158600	4	13.43	690958	50.0
Indane	13.63	10.6	ug/l	146754	4	13.43	690958	50.0
Benzene, 1-propynyl-	13.81	6.9	ug/l	95323	4	13.43	690958	50.0
(E)-1-Phenyl-1-bu...	14.09	9.9	ug/l	137317	4	13.43	690958	50.0
Acenaphthene	14.57	79.0	ug/l	1092120	4	13.43	690958	50.0
1H-Indene, 2,3-di...	14.69	9.4	ug/l	129723	4	13.43	690958	50.0
Benzo[c]thiophene	15.34	9.5	ug/l	131502	4	13.43	690958	50.0
Naphthalene, 1-me...	16.30	101.4	ug/l	1401870	4	13.43	690958	50.0