

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
 Data File : VY000778.D
 Acq On : 21 Nov 2019 19:02
 Operator : SY/MD
 Sample : K5959-12
 Misc : 5.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WS-112019-4-5-GRAB-B2

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\82Y103019S.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	7.730	972	983	988	rBV	229760	548308	5.73%	1.420%
2	7.797	988	994	1008	rVB	420811	949629	9.93%	2.460%
3	8.151	1042	1052	1064	rBV	255790	556961	5.82%	1.443%
4	8.693	1133	1141	1152	rBV	677537	1332181	13.93%	3.450%
5	10.181	1376	1385	1392	rBV	1084130	1835559	19.20%	4.754%
6	11.485	1592	1599	1609	rBV	944775	1553063	16.24%	4.022%
7	11.699	1620	1634	1636	rBV2	119987	283036	2.96%	0.733%
8	11.784	1639	1648	1649	rVV3	57810	169713	1.77%	0.440%
9	12.479	1742	1762	1780	rBV3	1131484	3752121	39.24%	9.718%
10	12.680	1782	1795	1812	rVV5	284071	1576231	16.48%	4.082%
11	12.808	1812	1816	1823	rVB	109896	169645	1.77%	0.439%
12	13.119	1861	1867	1872	rBV	160769	254016	2.66%	0.658%
13	13.223	1872	1884	1885	rBV3	56346	136798	1.43%	0.354%
14	13.345	1895	1904	1912	rBV3	151210	581863	6.08%	1.507%
15	13.424	1912	1917	1927	rVB	879811	1448130	15.14%	3.751%
16	13.625	1945	1950	1954	rBV	198823	307066	3.21%	0.795%
17	13.759	1960	1972	1973	rBV5	101260	213145	2.23%	0.552%
18	14.076	2011	2024	2037	rVB3	180497	559044	5.85%	1.448%
19	14.332	2063	2066	2077	rVB5	103387	247897	2.59%	0.642%
20	14.546	2087	2101	2115	rVB	1201922	4502765	47.09%	11.662%
21	14.680	2115	2123	2130	rBV3	260130	578252	6.05%	1.498%
22	14.942	2157	2166	2175	rVB5	137824	420322	4.40%	1.089%
23	15.052	2175	2184	2187	rVV4	57335	164957	1.73%	0.427%
24	15.094	2187	2191	2197	rVV3	71494	151830	1.59%	0.393%
25	15.235	2205	2214	2225	rVV	5010292	9562661	100.00%	24.767%
26	15.326	2225	2229	2236	rVV2	117162	246193	2.57%	0.638%
27	15.527	2255	2262	2280	rVB8	87451	308495	3.23%	0.799%
28	15.722	2280	2294	2303	rBV5	66464	275825	2.88%	0.714%
29	16.027	2337	2344	2355	rVB7	57835	191334	2.00%	0.496%
30	16.283	2379	2386	2400	rVB	1524733	3005476	31.43%	7.784%
31	16.484	2411	2419	2427	rVB	986883	2076486	21.71%	5.378%
32	16.747	2447	2462	2474	rBV4	150636	651390	6.81%	1.687%

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WS-112019-4-5-GRAB-B2

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\82Y103019S.M
Title : SW846 8260

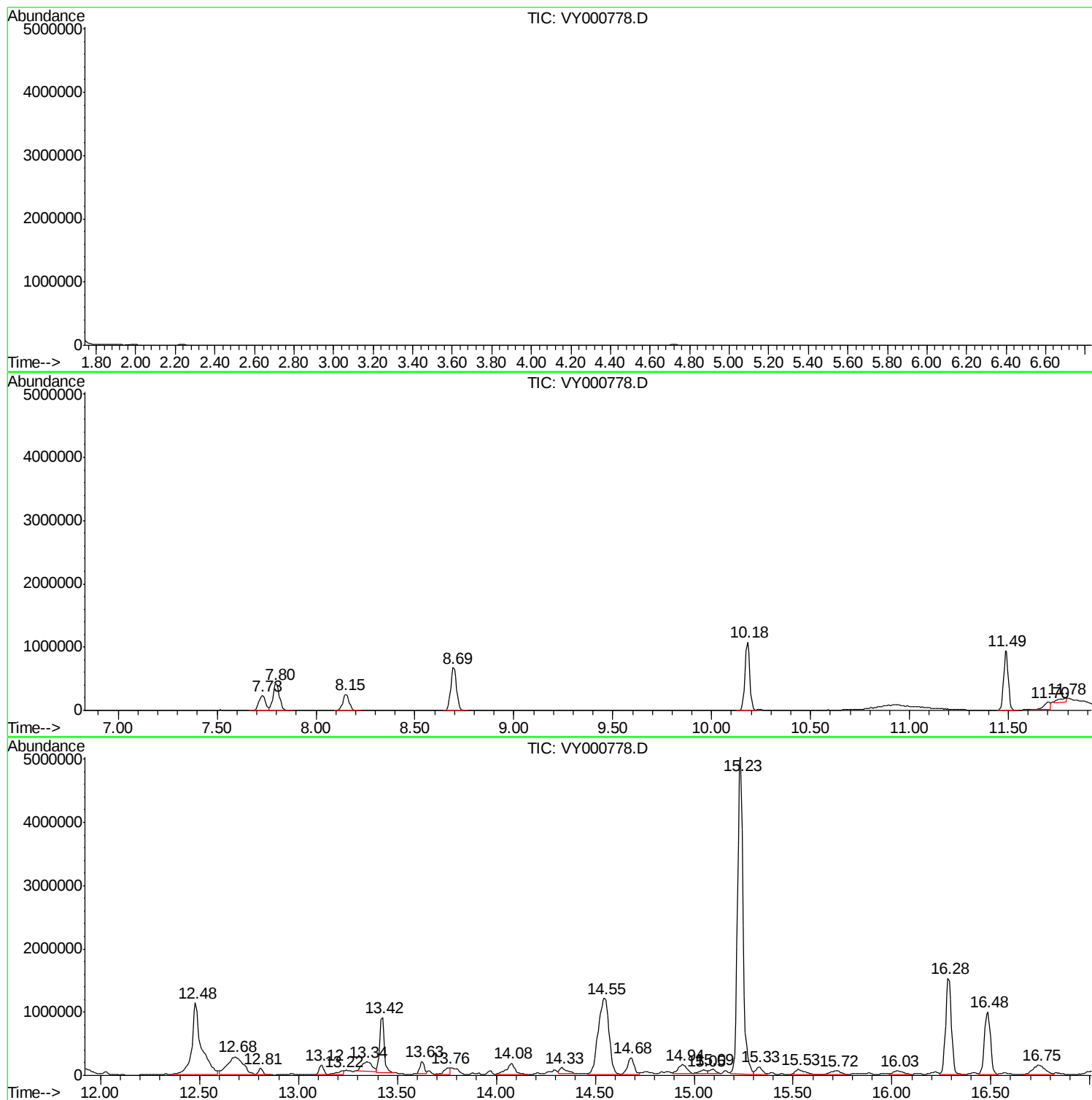
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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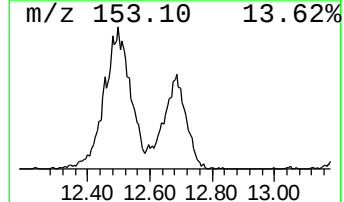
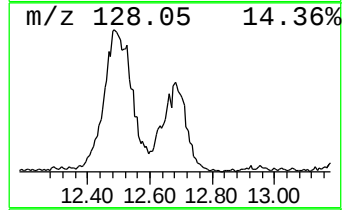
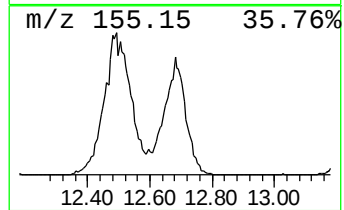
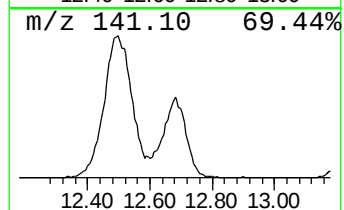
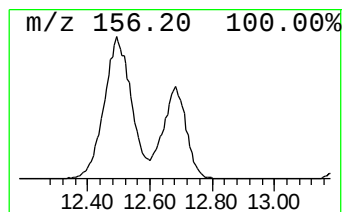
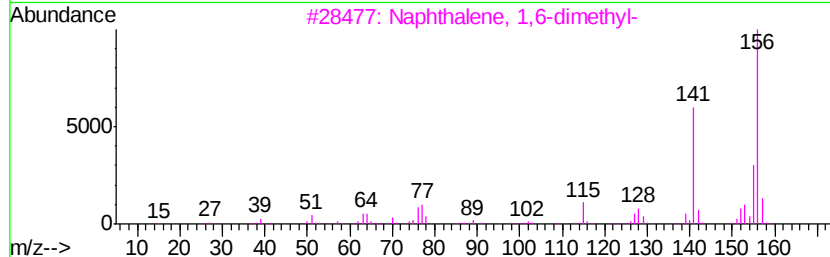
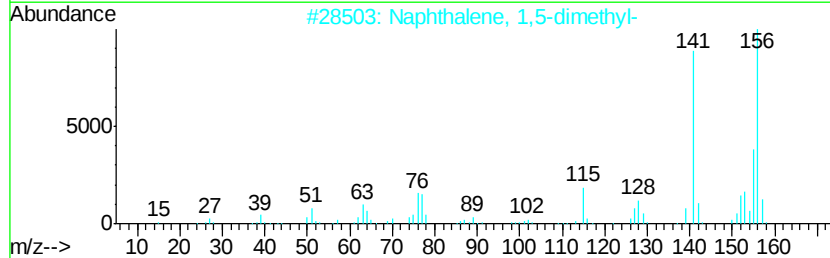
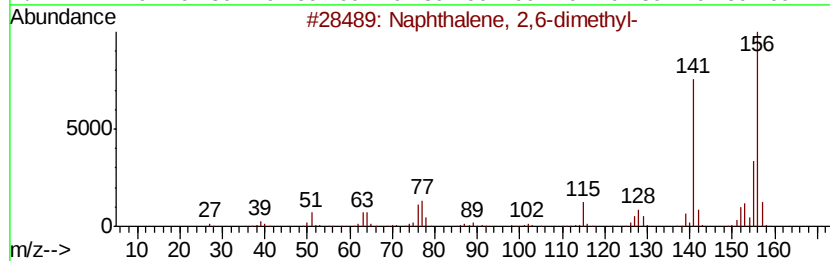
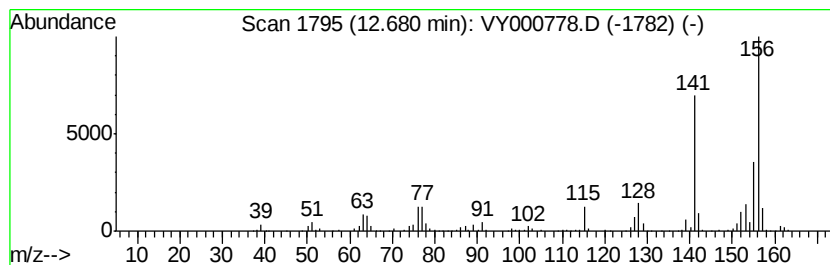
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	54.42 ug/l	1576230	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



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Misc : 5.72G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

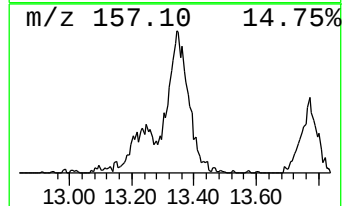
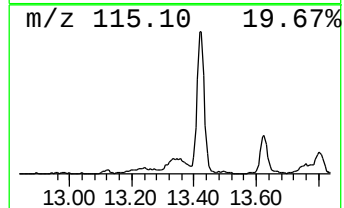
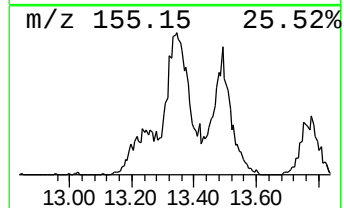
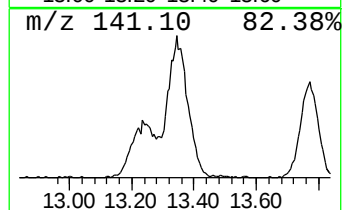
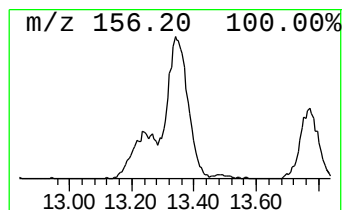
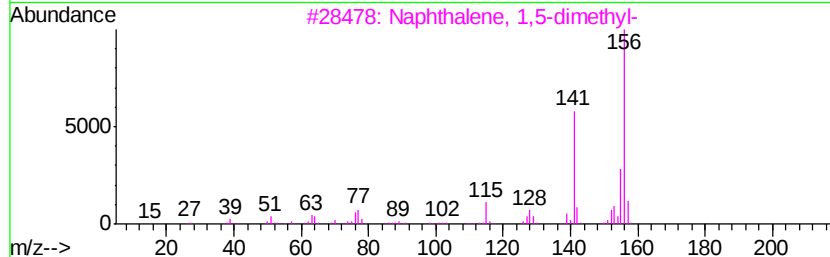
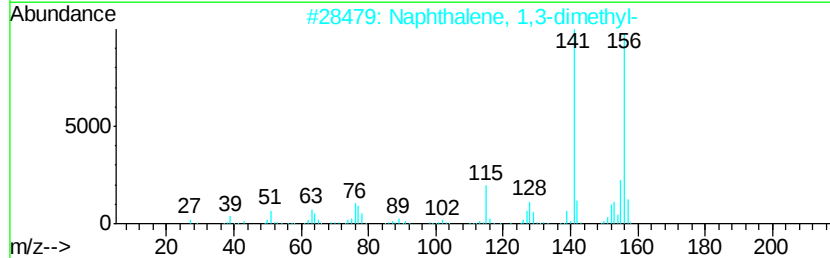
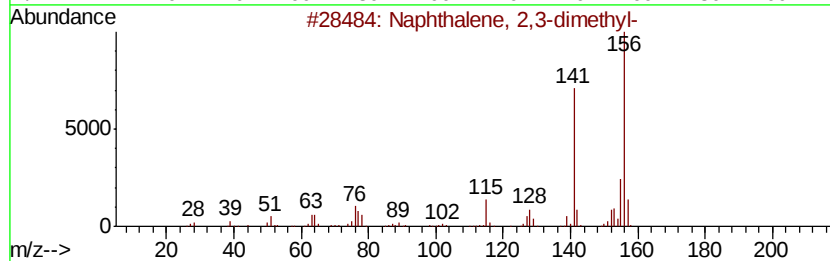
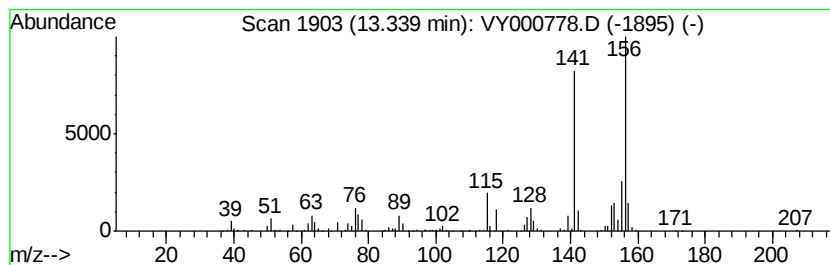
Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	20.09 ug/l	581863	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 95



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

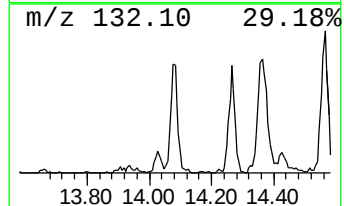
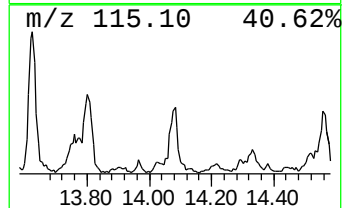
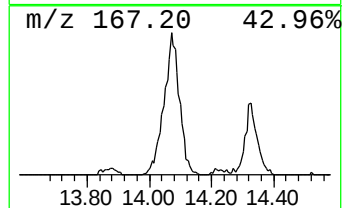
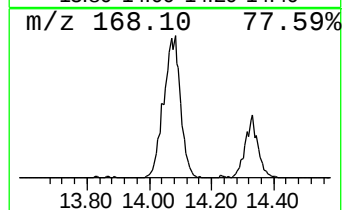
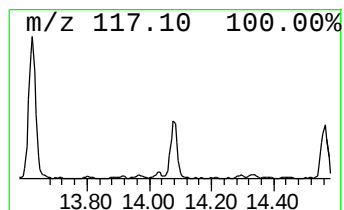
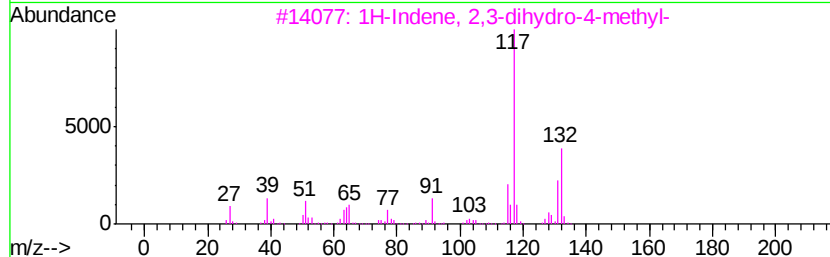
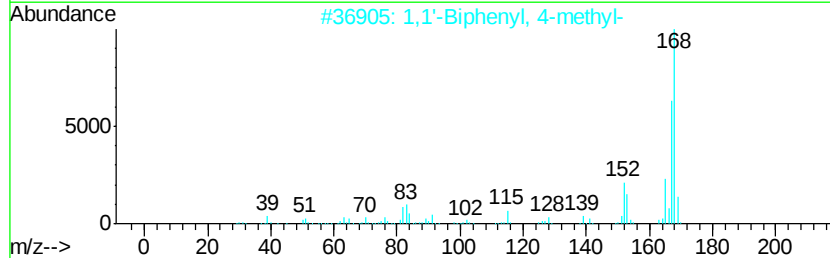
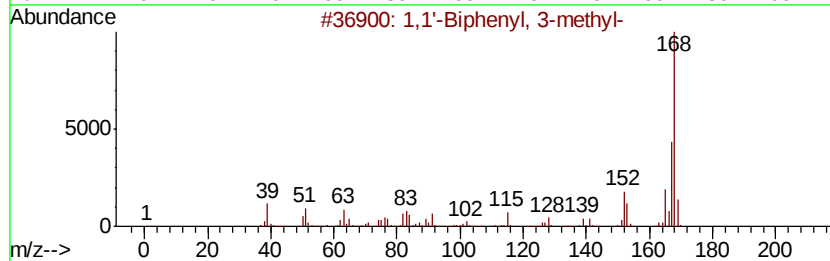
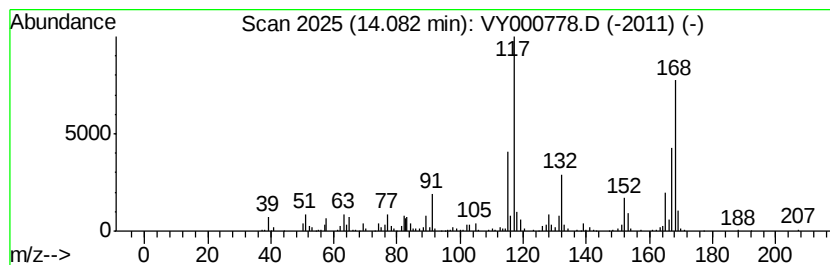
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Quant Title : SW846 8260

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

Peak Number 3 1,1'-Biphenyl, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	19.30 ug/l	559044	1,4-Dichlorobenzene-d4	13.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	80
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	42
4			Benzene, 1-(chloromethyl)-3-eth...	152	C9H9Cl	039833-65-3	42
5			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	42



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

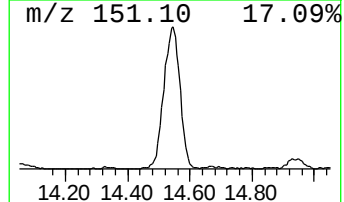
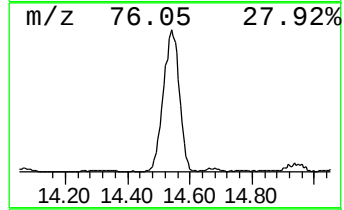
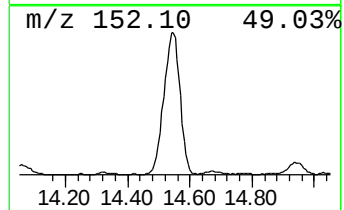
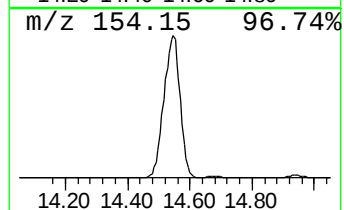
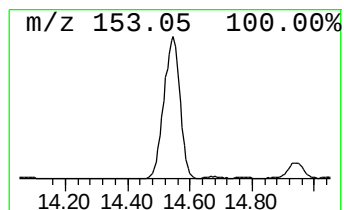
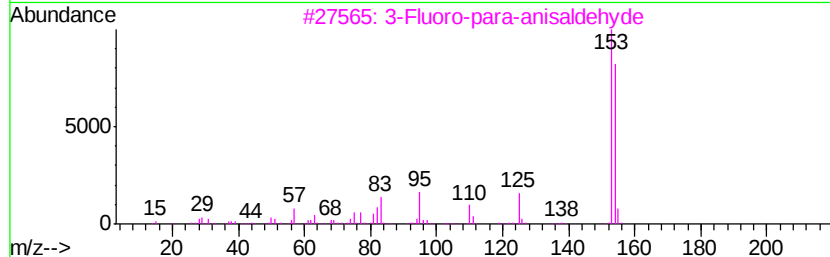
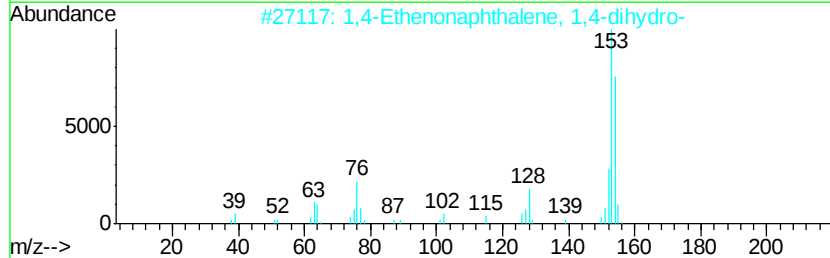
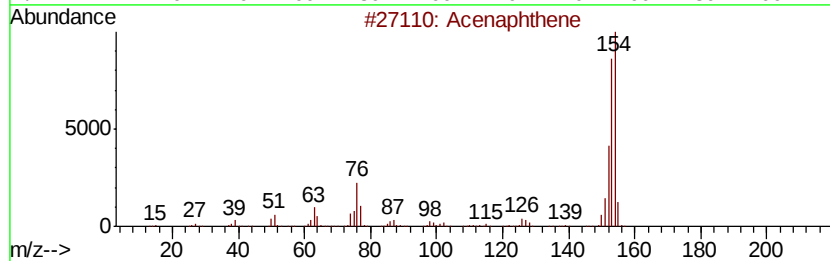
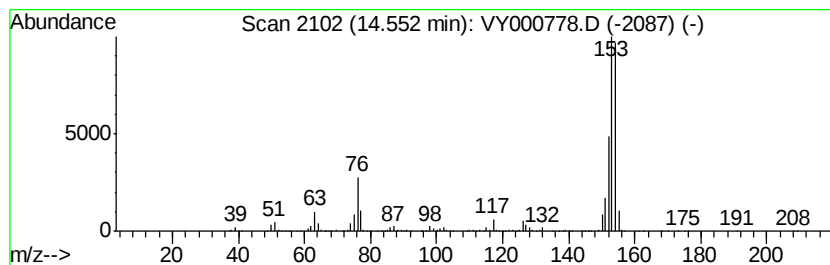
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Quant Title : SW846 8260

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

Peak Number 4 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	155.47 ug/l	4502770	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphthene	154	C12H10	000083-32-9	95
2		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
3		3-Fluoro-para-anisaldehyd	154	C8H7FO2	000351-54-2	53
4		Biphenyl	154	C12H10	000092-52-4	38
5		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	38



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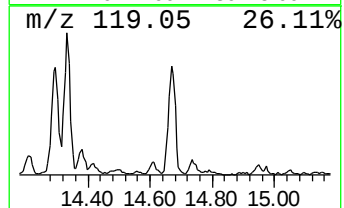
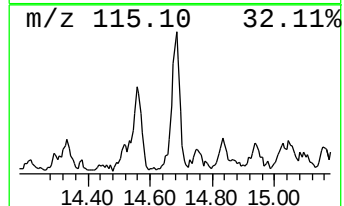
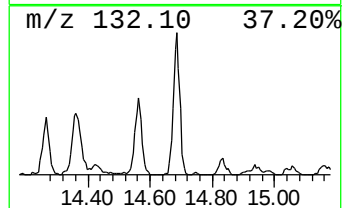
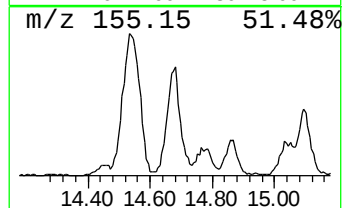
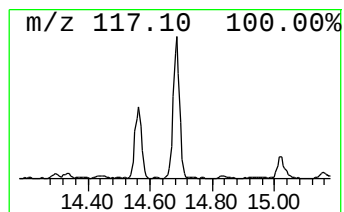
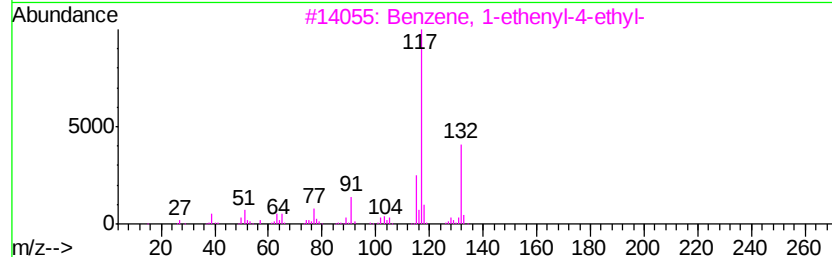
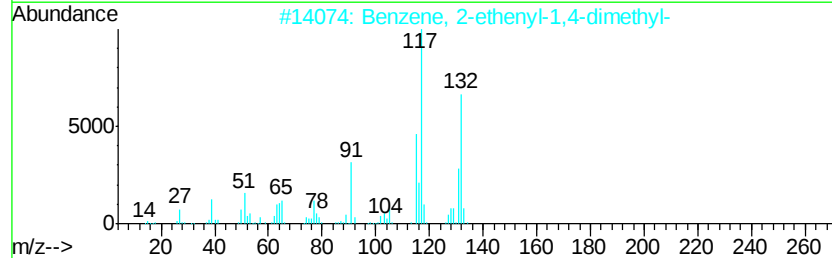
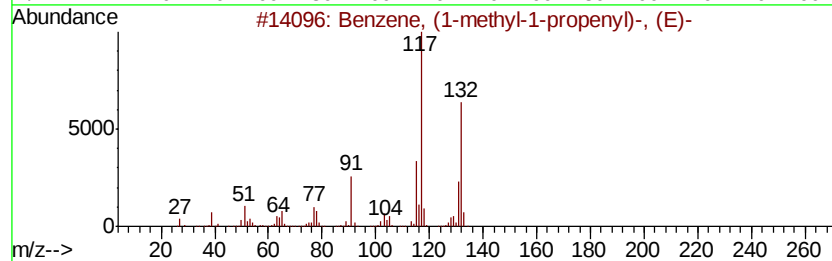
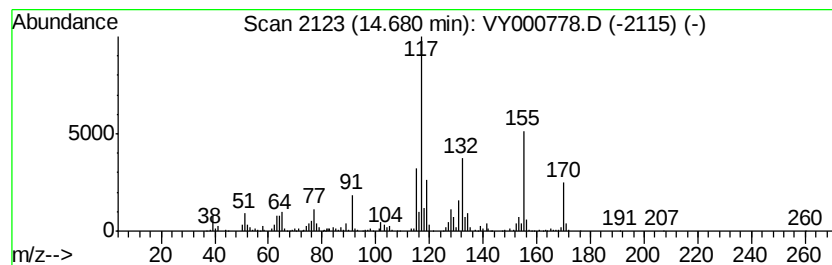
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	19.97 ug/l	578252	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	64
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	50
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	50
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000778.D
Acq On : 21 Nov 2019 19:02
Operator : SY/MD
Sample : K5959-12
Misc : 5.72G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

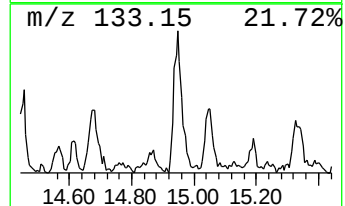
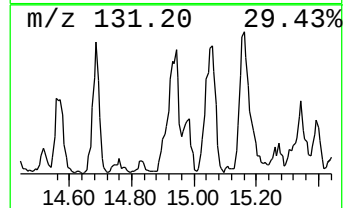
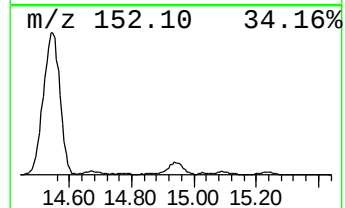
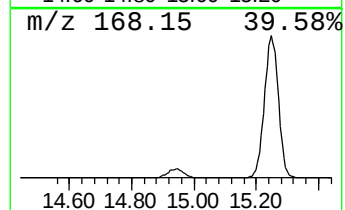
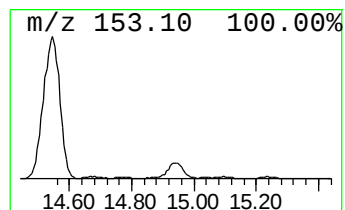
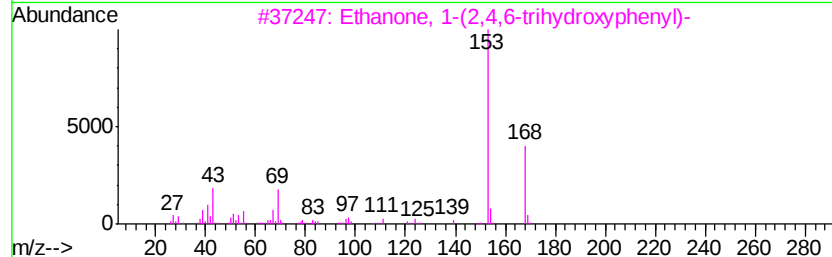
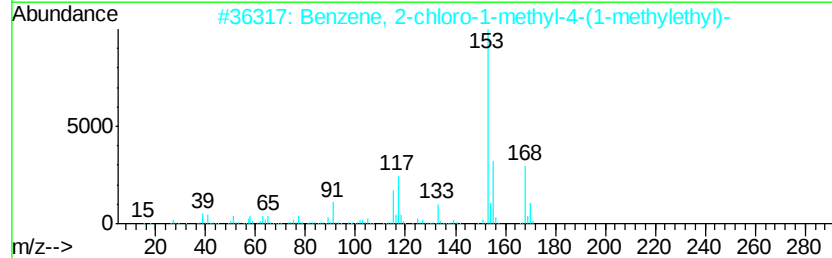
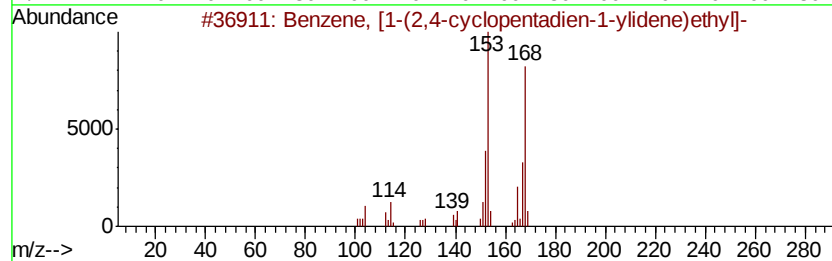
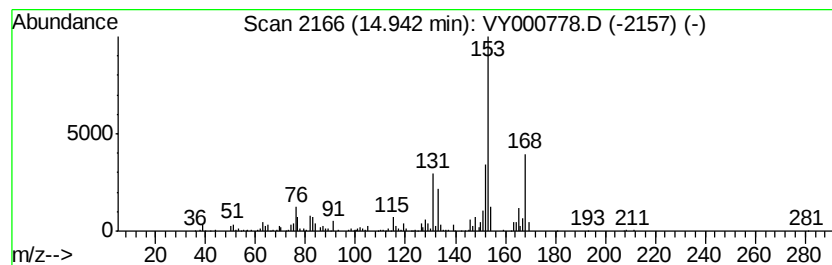
Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 6 Benzene, [1-(2,4-cyclopenta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	14.51 ug/l	420322	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, [1-(2,4-cyclopentadien-...	168 C13H12	002320-32-3 68
2		Benzene, 2-chloro-1-methyl-4-(1-...	168 C10H13Cl	004395-79-3 47
3		Ethanone, 1-(2,4,6-trihydroxypheno...	168 C8H8O4	000480-66-0 47
4		2,4(1H,3H)-Pyrimidinedione, 5-(1...	168 C8H12N2O2	017432-97-2 47
5		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000778.D
Acq On : 21 Nov 2019 19:02
Operator : SY/MD
Sample : K5959-12
Misc : 5.72G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

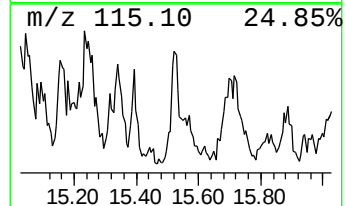
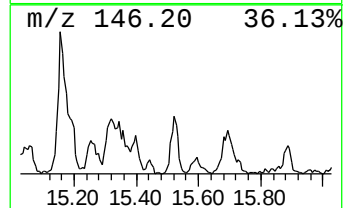
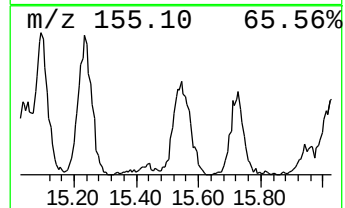
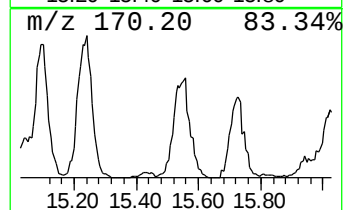
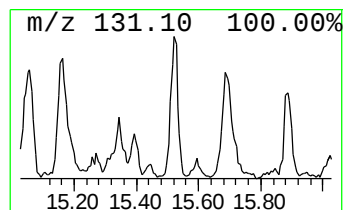
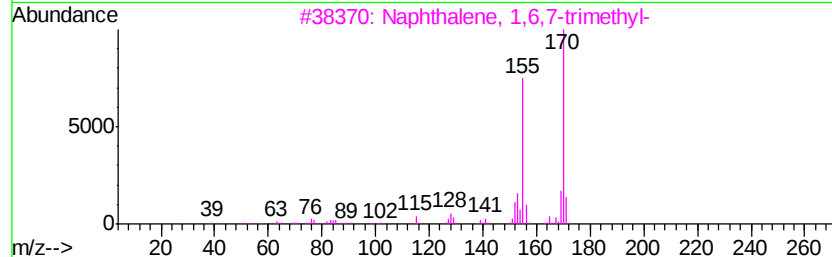
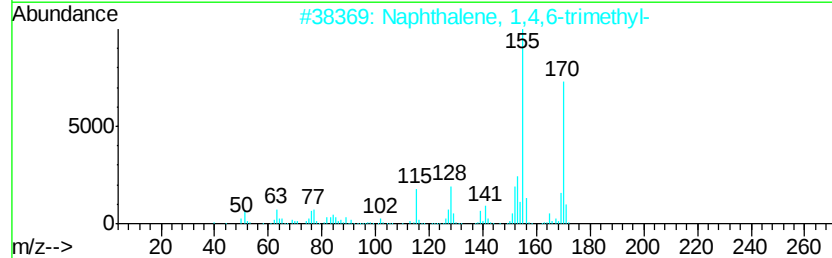
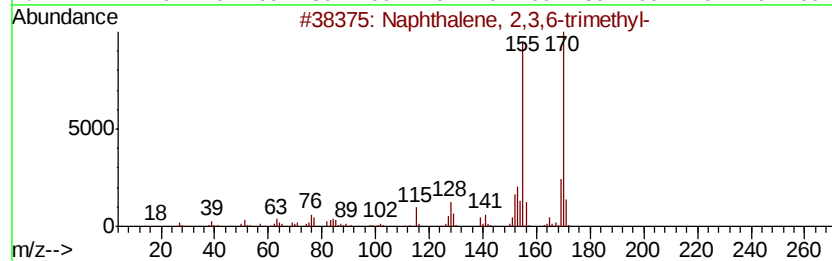
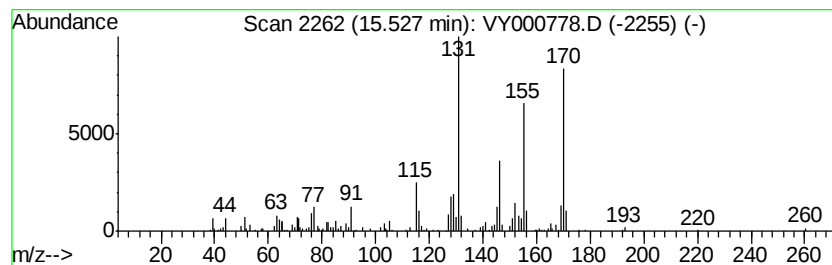
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	10.65 ug/l	308495	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000778.D
Acq On : 21 Nov 2019 19:02
Operator : SY/MD
Sample : K5959-12
Misc : 5.72G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

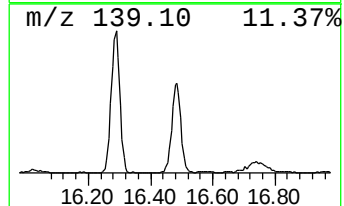
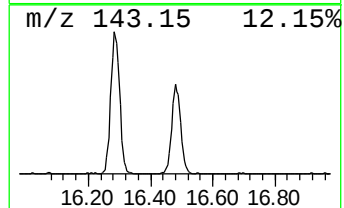
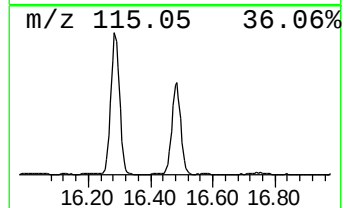
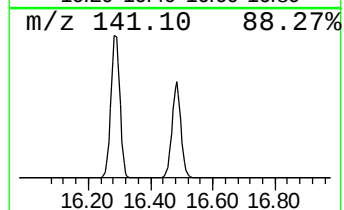
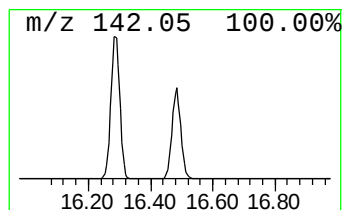
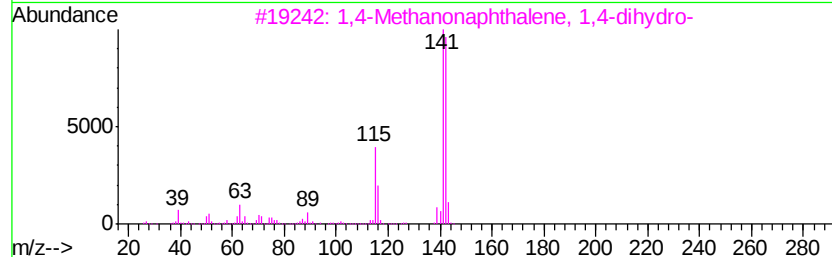
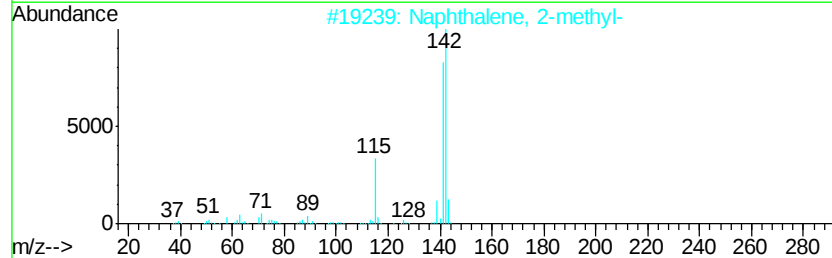
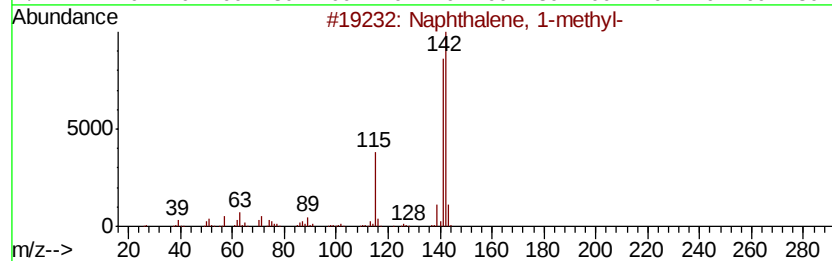
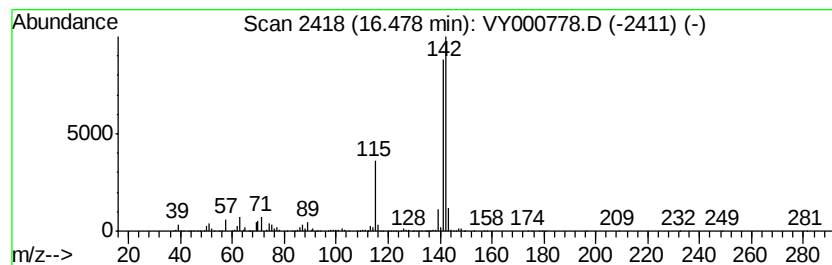
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	71.70 ug/l	2076490	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	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	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY112119\
Data File : VY000778.D
Acq On : 21 Nov 2019 19:02
Operator : SY/MD
Sample : K5959-12
Misc : 5.72G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

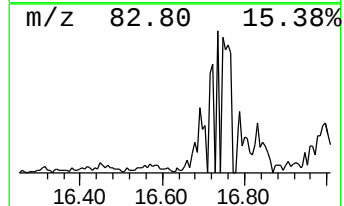
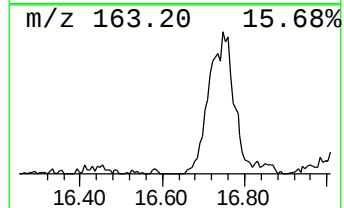
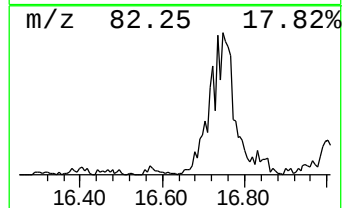
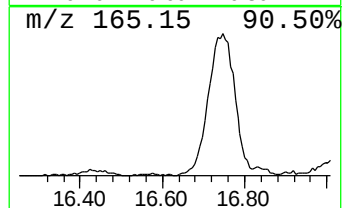
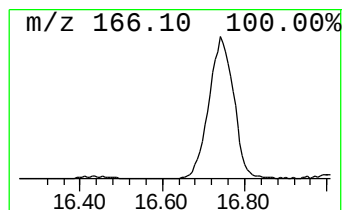
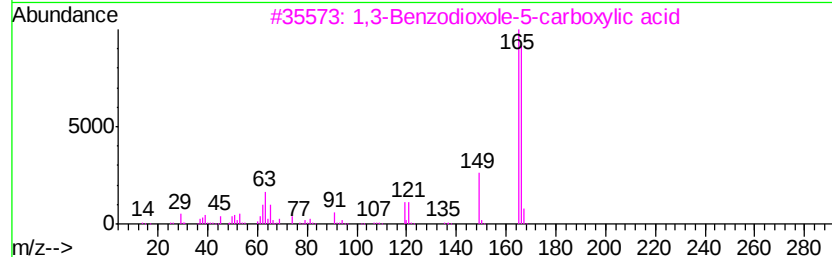
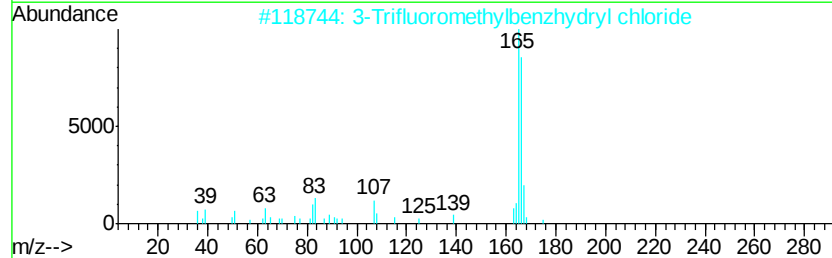
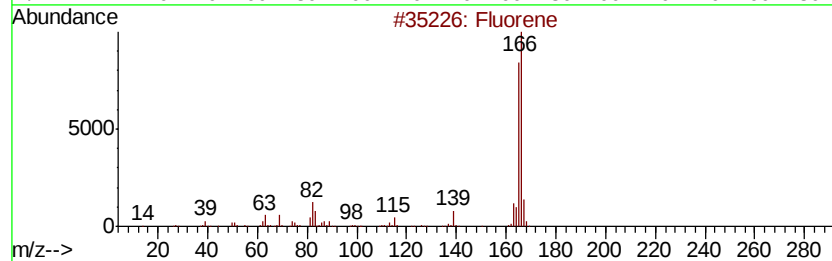
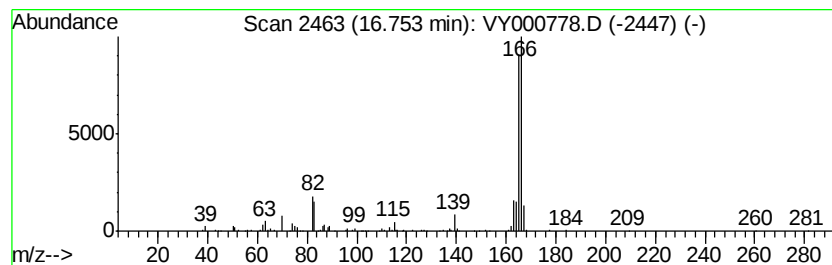
Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 10 Fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.75	22.49 ug/l	651390	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	90
2	3-Trifluoromethylbenzhdryl chlo...	270	C14H10ClF3	067240-79-3	56
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	42
4	Ethionamide	166	C8H10N2S	000536-33-4	38
5	1H-Phenalene	166	C13H10	000203-80-5	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY112119\
Data File : VY000778.D
Acq On : 21 Nov 2019 19:02
Operator : SY/MD
Sample : K5959-12
Misc : 5.72G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WS-112019-4-5-GRAB-B2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.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, 2,6-...	12.68	54.4	ug/l	1576230	4	13.42	1448130	50.0
Naphthalene, 2,3-...	13.34	20.1	ug/l	581863	4	13.42	1448130	50.0
1,1'-Biphenyl, 3-...	14.08	19.3	ug/l	559044	4	13.42	1448130	50.0
Acenaphthene	14.55	155.5	ug/l	4502770	4	13.42	1448130	50.0
Benzene, (1-methy...	14.68	20.0	ug/l	578252	4	13.42	1448130	50.0
Benzene, [1-(2,4-...	14.94	14.5	ug/l	420322	4	13.42	1448130	50.0
Naphthalene, 2,3,...	15.53	10.7	ug/l	308495	4	13.42	1448130	50.0
Naphthalene, 1-me...	16.48	71.7	ug/l	2076490	4	13.42	1448130	50.0
Fluorene	16.75	22.5	ug/l	651390	4	13.42	1448130	50.0