

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
 Data File : VY002767.D
 Acq On : 27 May 2020 16:26
 Operator : SY/MD
 Sample : L2776-03
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 225

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\82Y052720S.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	7.724	970	982	987	rBV	169392	398511	3.87%	1.444%
2	7.791	987	993	1007	rVB	296827	685775	6.66%	2.485%
3	8.145	1042	1051	1064	rBV	157787	345855	3.36%	1.253%
4	8.693	1131	1141	1151	rBV	450988	872326	8.47%	3.161%
5	10.181	1376	1385	1393	rBV	698457	1196970	11.63%	4.337%
6	10.925	1481	1507	1508	rBV	51443	220669	2.14%	0.800%
7	11.486	1591	1599	1610	rBV	637385	1040711	10.11%	3.771%
8	11.754	1610	1643	1644	rBV2	142710	623226	6.05%	2.258%
9	12.479	1727	1762	1778	rBV3	917432	3258497	31.66%	11.807%
10	12.668	1781	1793	1813	rVB	229072	1147846	11.15%	4.159%
11	13.235	1868	1886	1887	rBV2	49210	164731	1.60%	0.597%
12	13.333	1893	1902	1911	rVV3	100221	355602	3.45%	1.288%
13	13.424	1911	1917	1923	rVB	626119	964230	9.37%	3.494%
14	13.766	1954	1973	1983	rBV3	58028	251698	2.45%	0.912%
15	14.052	2000	2020	2036	rBV4	199339	981326	9.53%	3.556%
16	14.314	2053	2063	2075	rVB2	77519	267060	2.59%	0.968%
17	14.540	2083	2100	2113	rBV2	2970854	10293188	100.00%	37.297%
18	14.668	2113	2121	2129	rVV2	62413	199629	1.94%	0.723%
19	14.924	2155	2163	2173	rVV2	187739	620154	6.02%	2.247%
20	15.089	2184	2190	2201	rVV4	70323	192262	1.87%	0.697%
21	15.235	2202	2214	2230	rVB	578525	1849173	17.97%	6.700%
22	15.534	2253	2263	2275	rVB4	28622	114637	1.11%	0.415%
23	16.290	2379	2387	2396	rBV	150917	307300	2.99%	1.113%
24	16.491	2412	2420	2426	rVB	85070	186649	1.81%	0.676%
25	16.747	2444	2462	2473	rBV2	258424	1060190	10.30%	3.842%

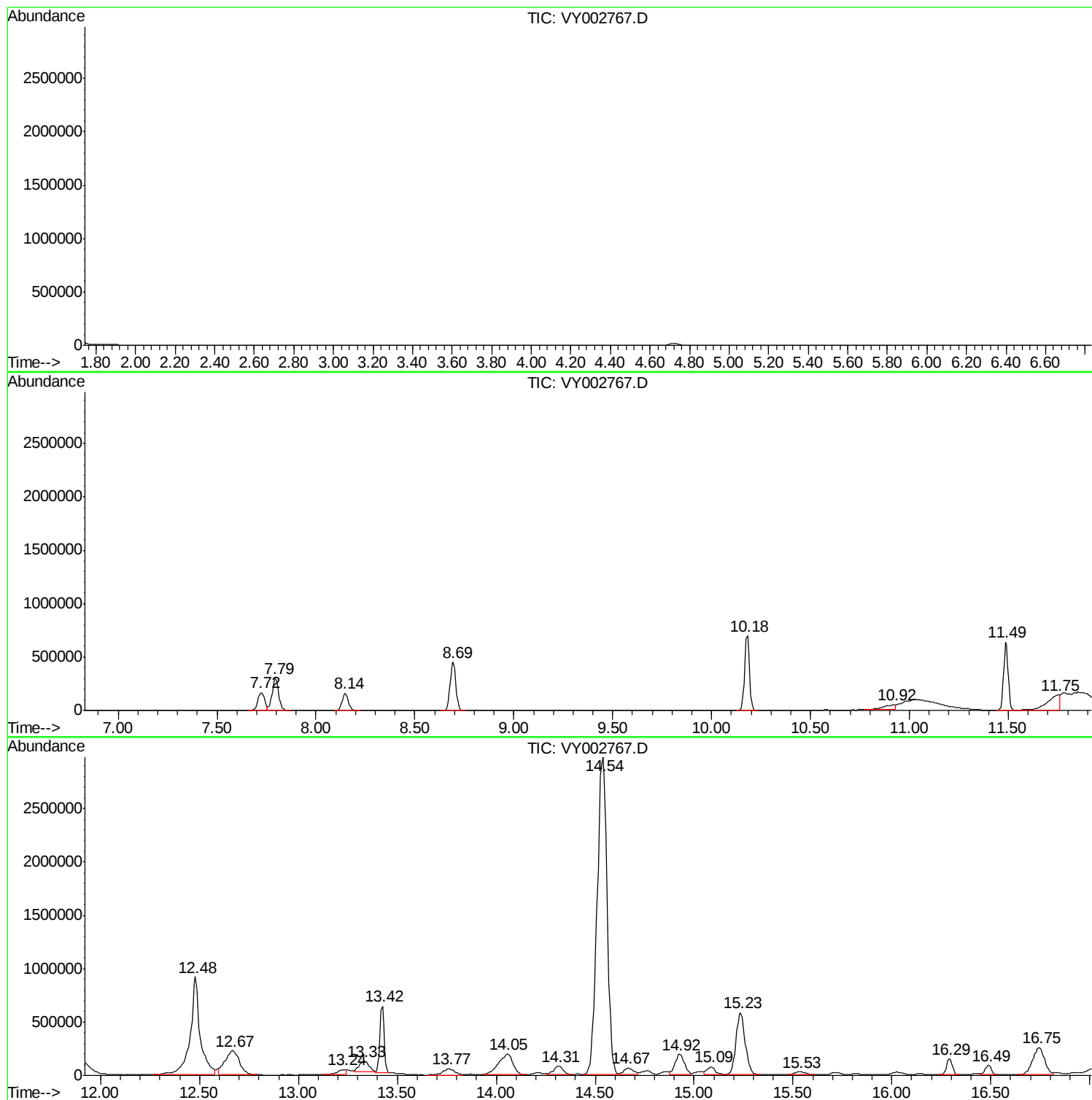
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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



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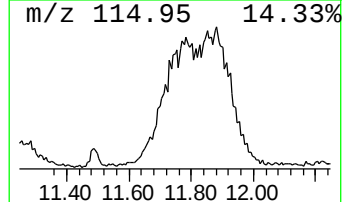
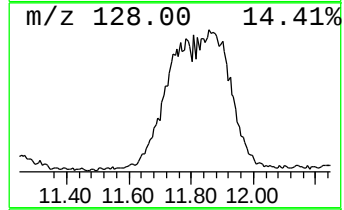
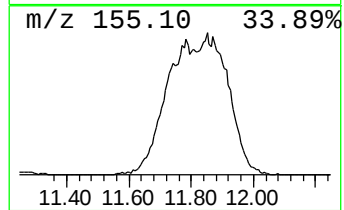
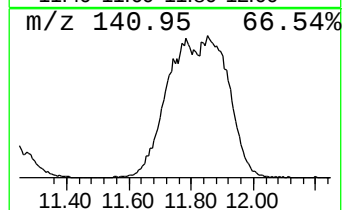
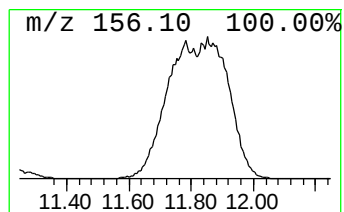
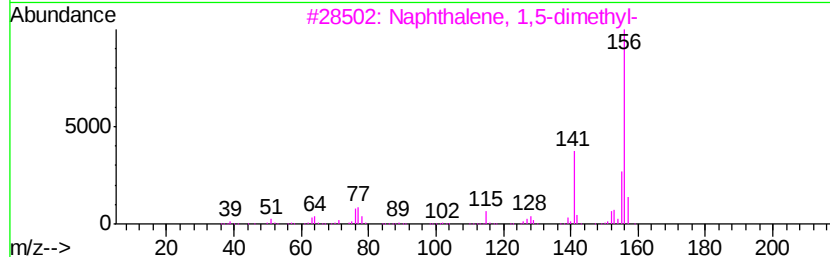
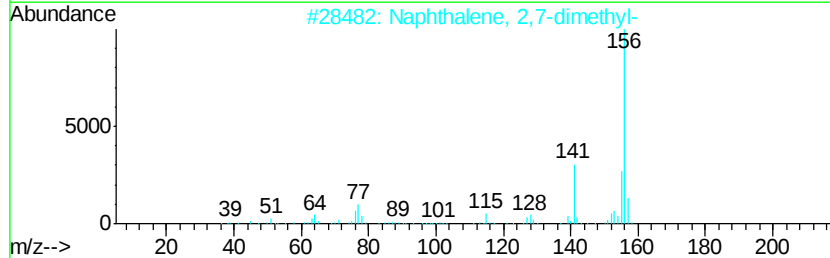
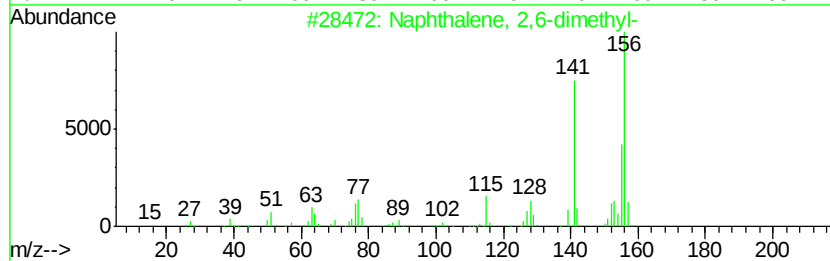
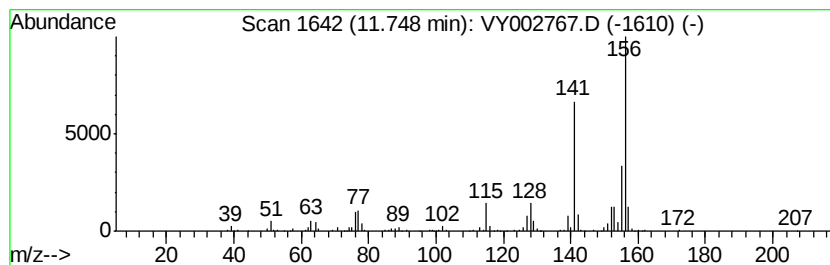
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.75	29.94 ug/l	623226	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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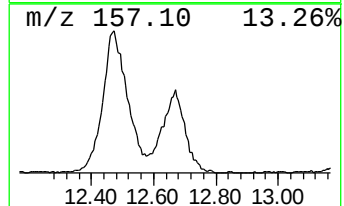
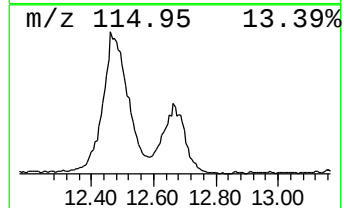
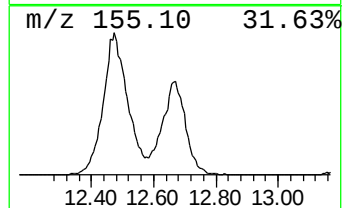
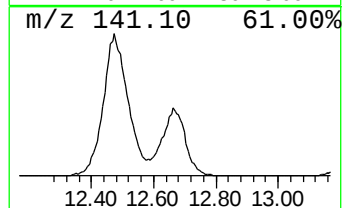
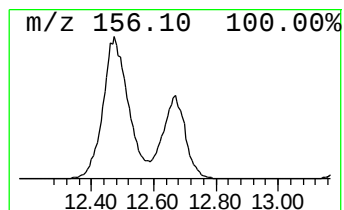
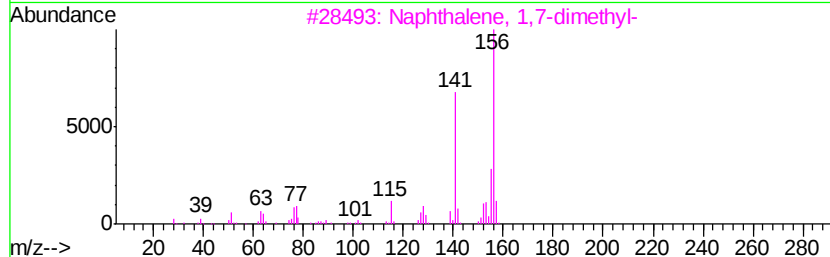
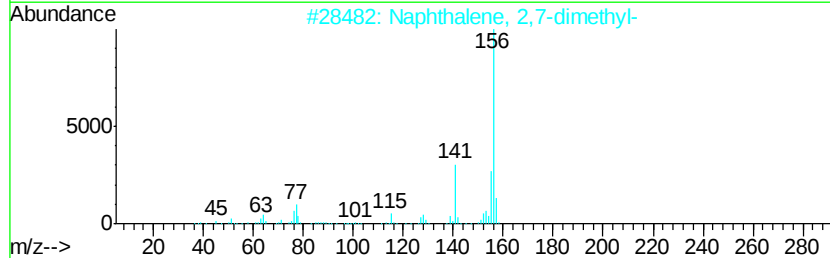
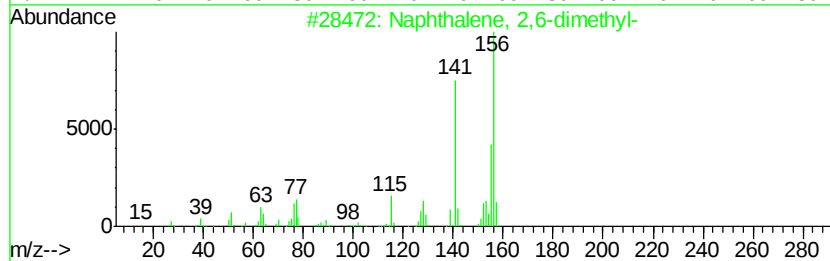
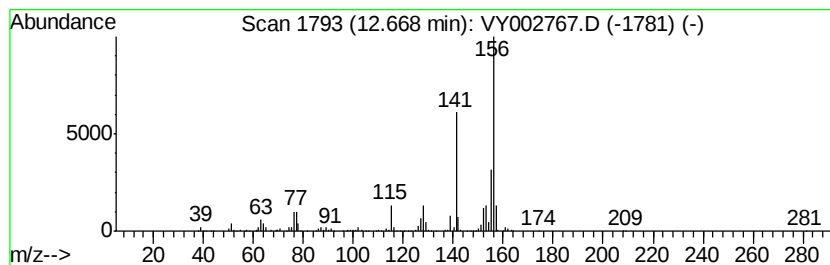
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	59.52 ug/l	1147850	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



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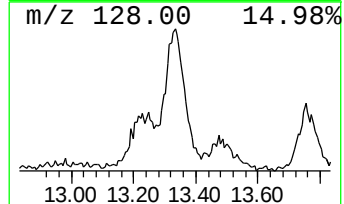
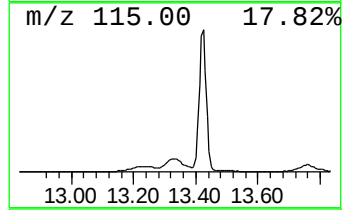
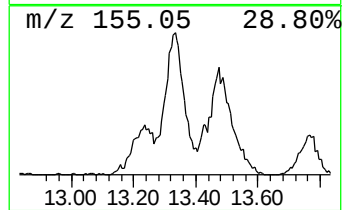
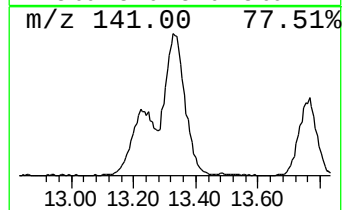
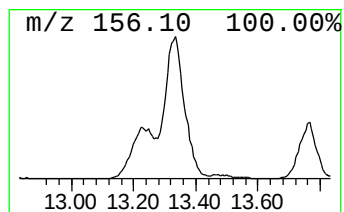
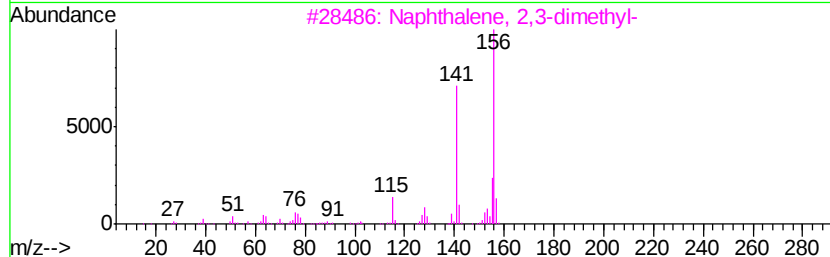
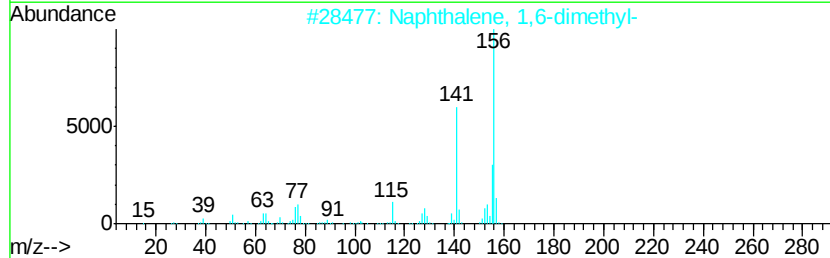
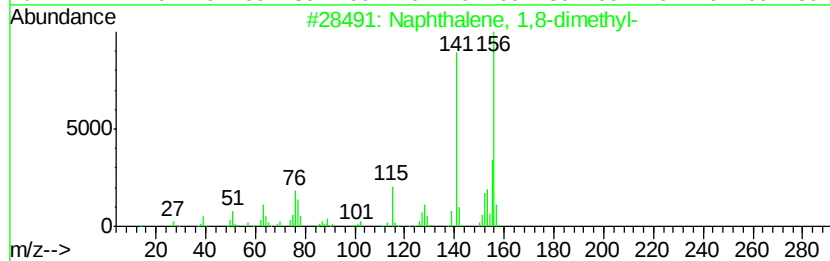
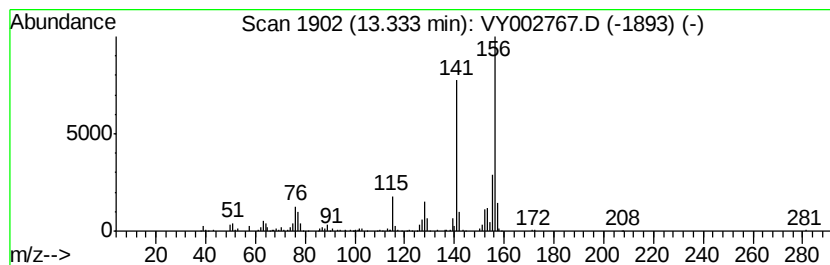
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	18.44 ug/l	355602	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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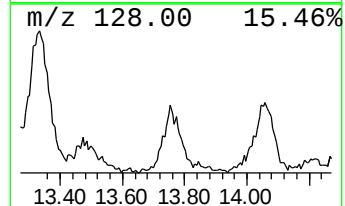
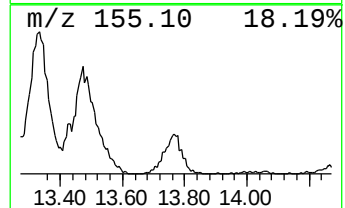
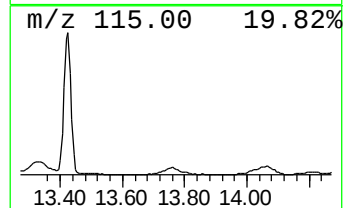
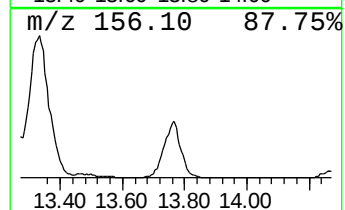
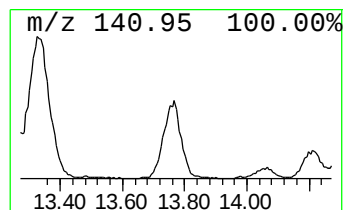
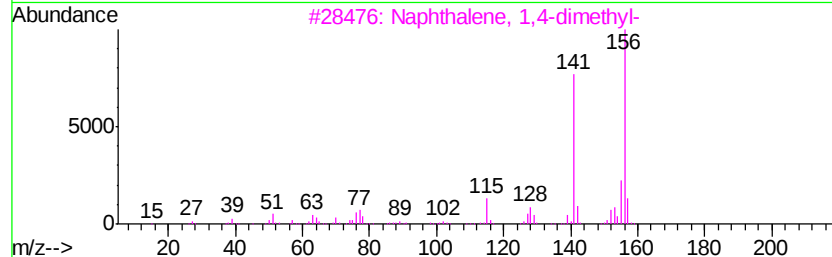
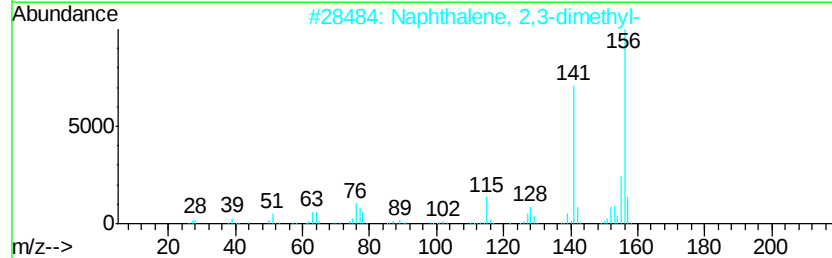
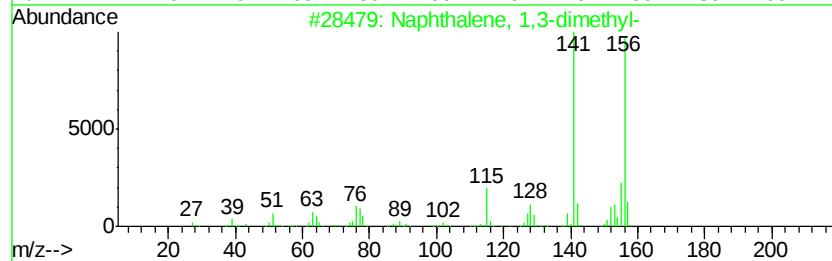
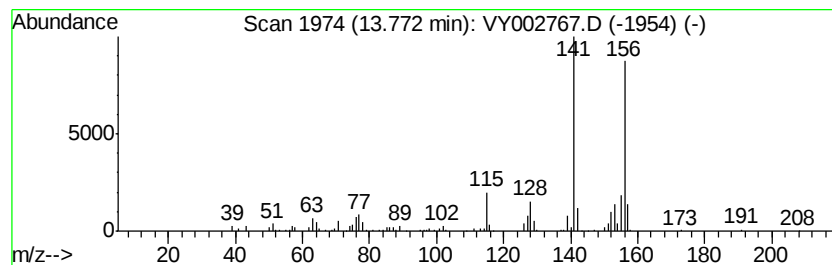
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	13.05 ug/l	251698	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93



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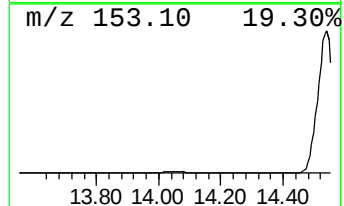
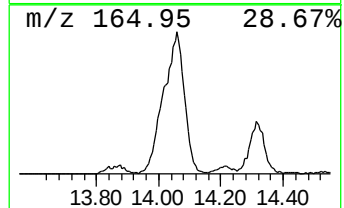
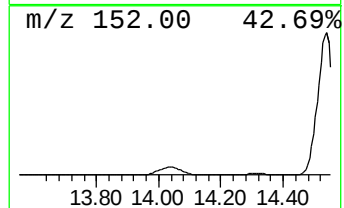
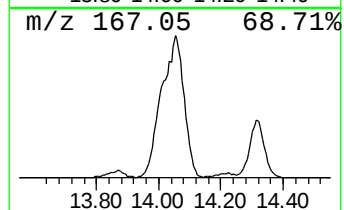
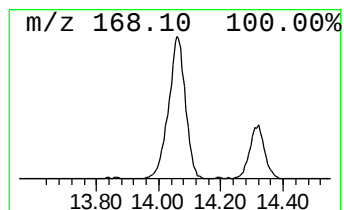
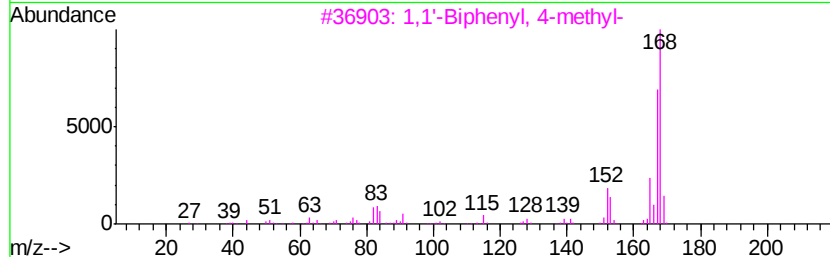
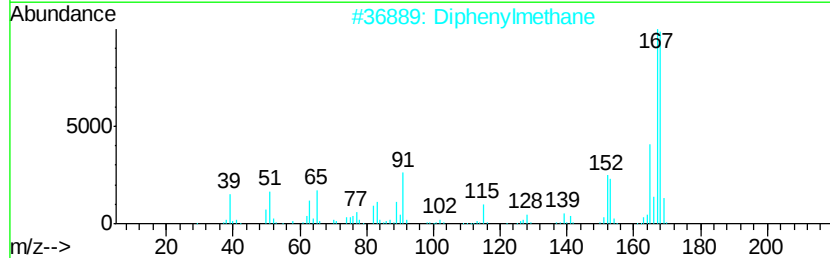
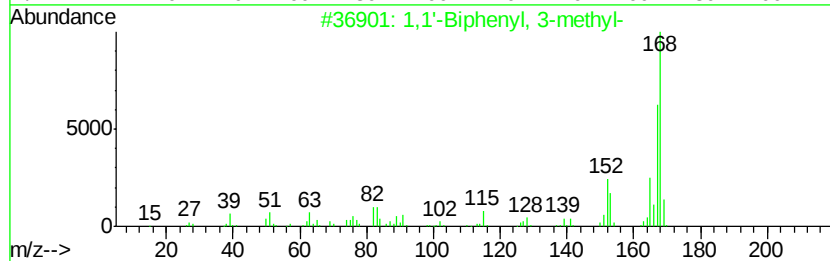
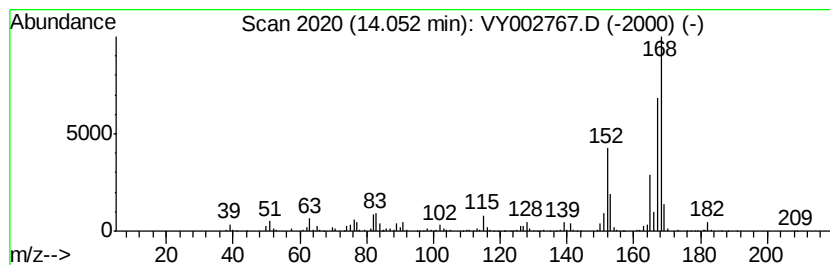
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Diphenylmethane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	50.89 ug/l	981326	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	89
2		Diphenylmethane	168	C13H12	000101-81-5	86
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	86
4		1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	59
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46



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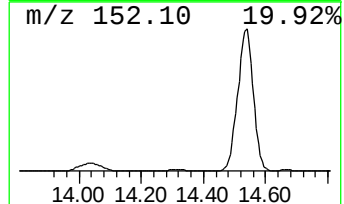
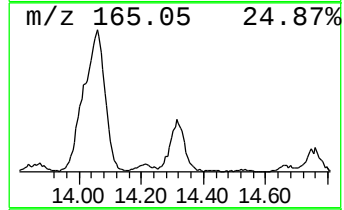
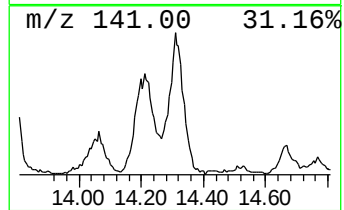
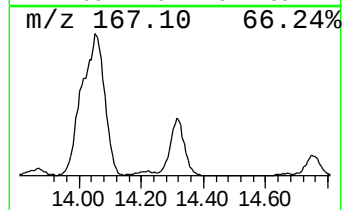
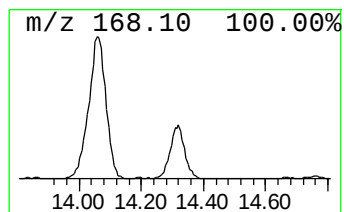
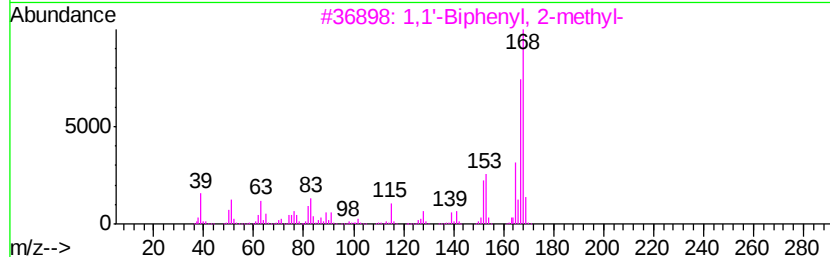
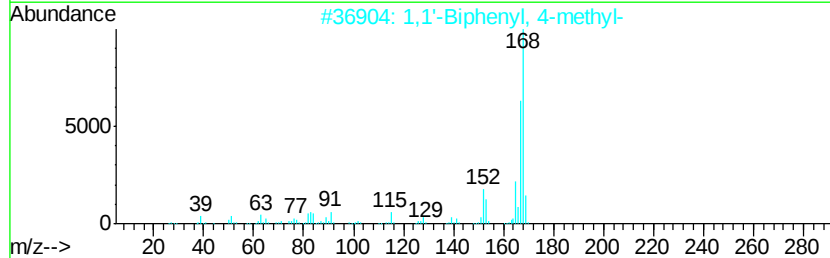
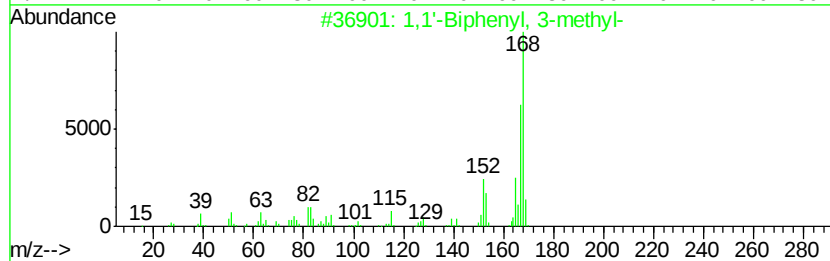
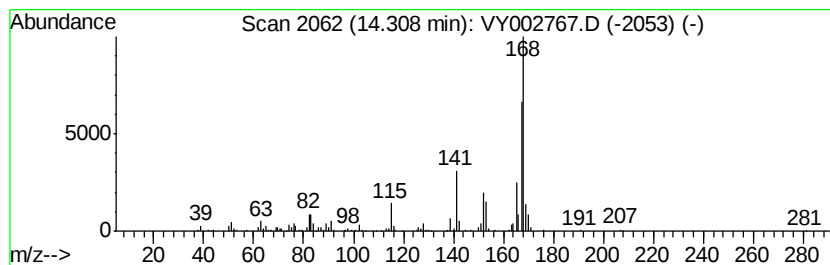
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Quant Title : SW846 8260

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

Peak Number 6 1,1'-Biphenyl, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	13.85 ug/l	267060	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	91
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	91
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
4		Diphenylmethane	168	C13H12	000101-81-5	83
5		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	80



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002767.D
Acq On : 27 May 2020 16:26
Operator : SY/MD
Sample : L2776-03
Misc : 7.27G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
225

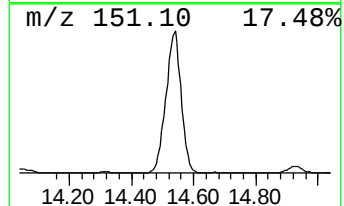
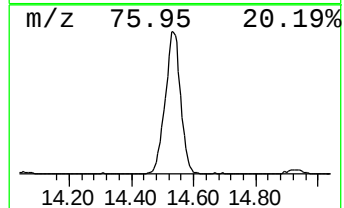
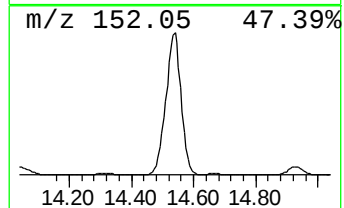
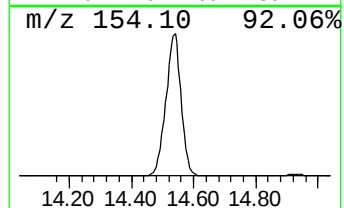
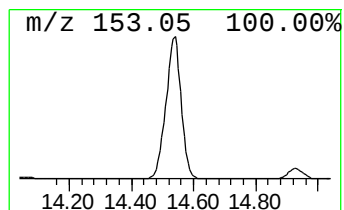
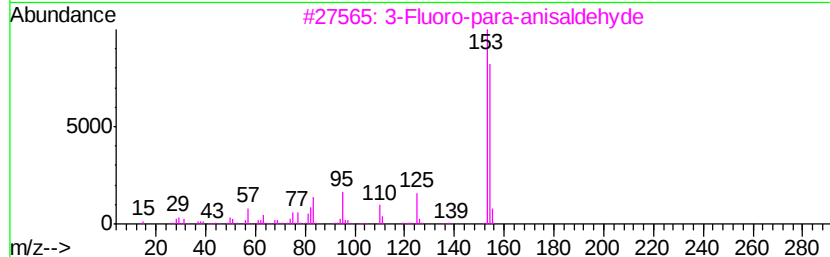
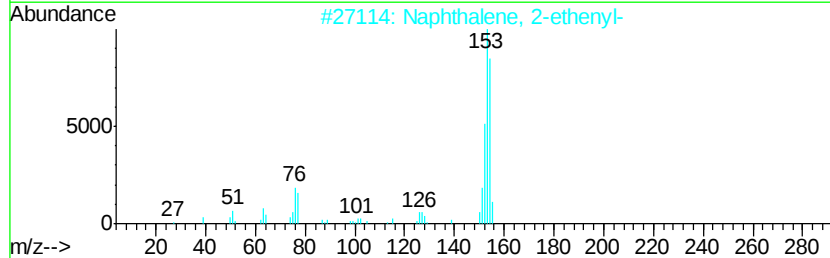
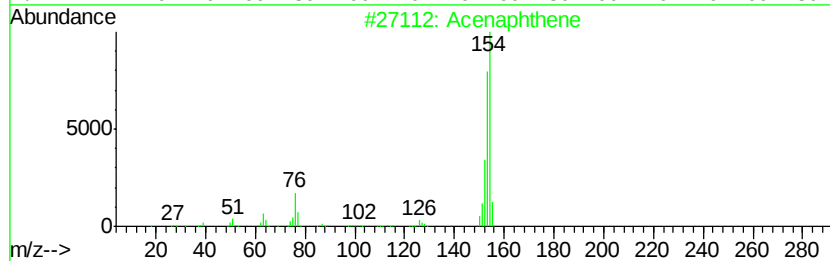
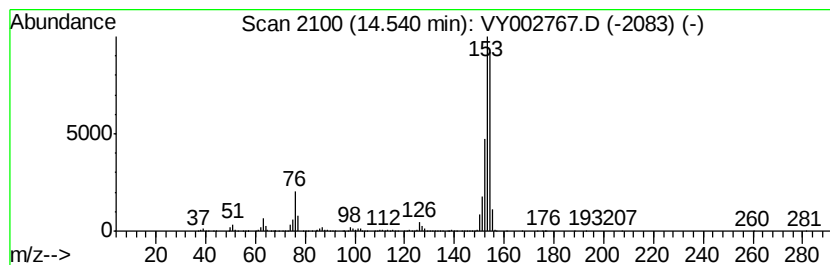
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Quant Title : SW846 8260

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

Peak Number 7 Acenaphthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	533.75 ug/l	10293200	1,4-Dichlorobenzene-d4	13.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthene		154	C12H10	000083-32-9	94
2	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	59
3	3-Fluoro-para-anisaldehyde		154	C8H7FO2	000351-54-2	52
4	1,4-Ethenonaphthalene, 1,4-dihydro-		154	C12H10	007322-47-6	45
5	Biphenyl		154	C12H10	000092-52-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002767.D
Acq On : 27 May 2020 16:26
Operator : SY/MD
Sample : L2776-03
Misc : 7.27G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
225

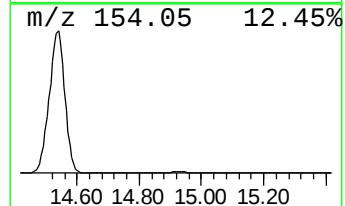
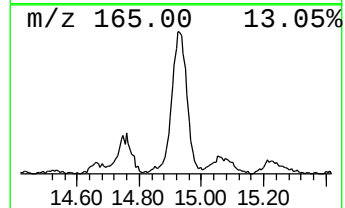
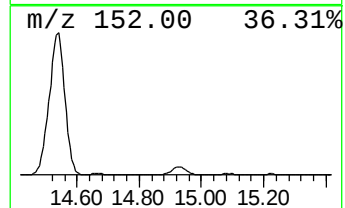
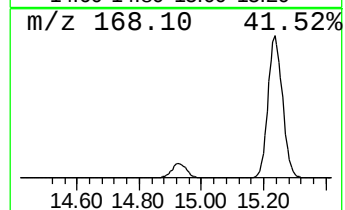
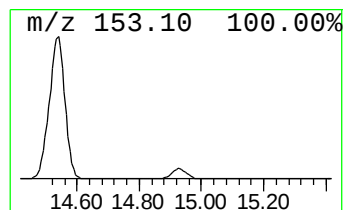
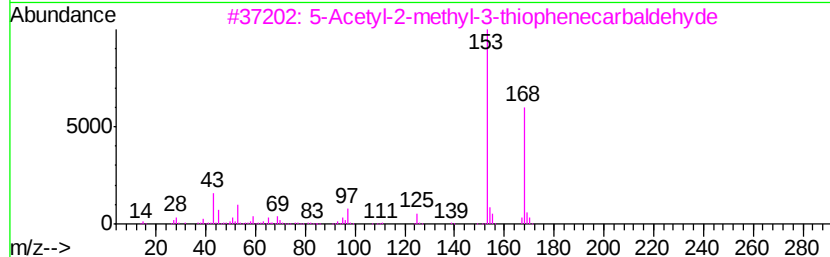
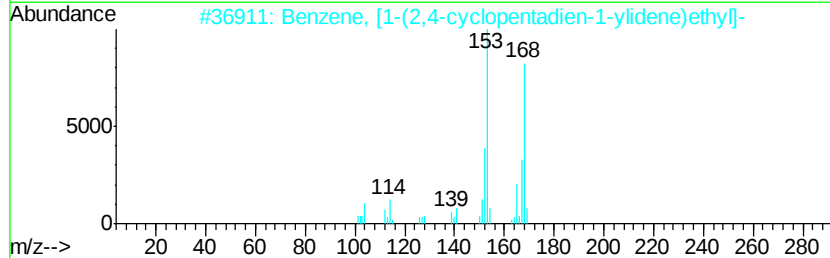
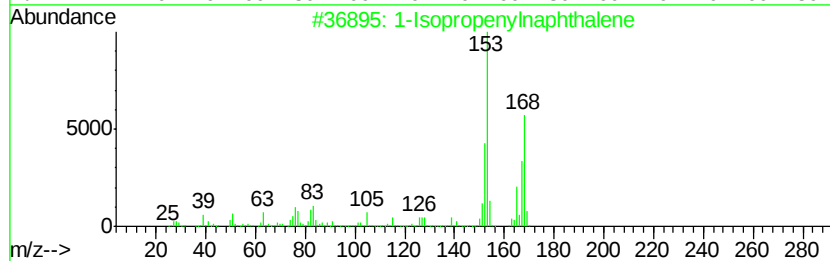
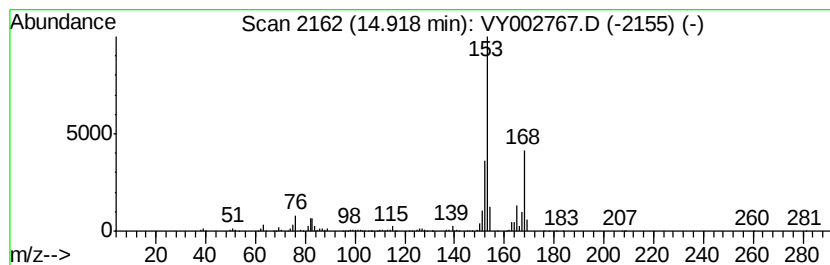
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Quant Title : SW846 8260

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

Peak Number 8 1-Isopropenylnaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	32.16 ug/l	620154	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	80
3		5-Acetyl-2-methyl-3-thiophenecar...	168	C8H8O2S	090345-55-4	53
4		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	53
5		Thieno[2,3-b]thiophene, 2-ethyl-	168	C8H8S2	005912-01-6	53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002767.D
Acq On : 27 May 2020 16:26
Operator : SY/MD
Sample : L2776-03
Misc : 7.27G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
225

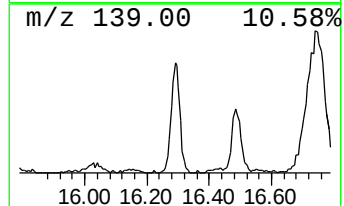
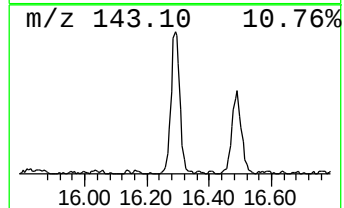
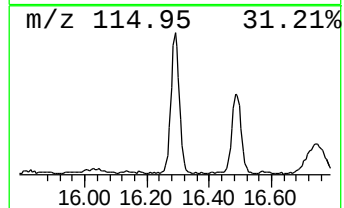
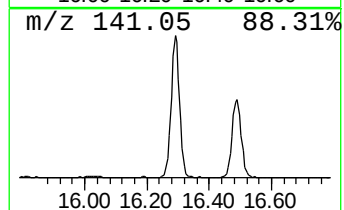
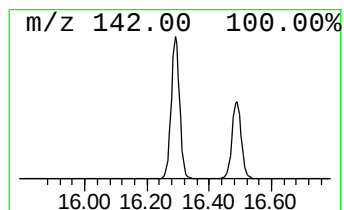
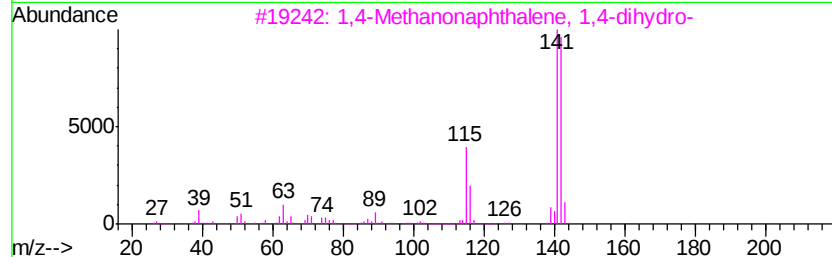
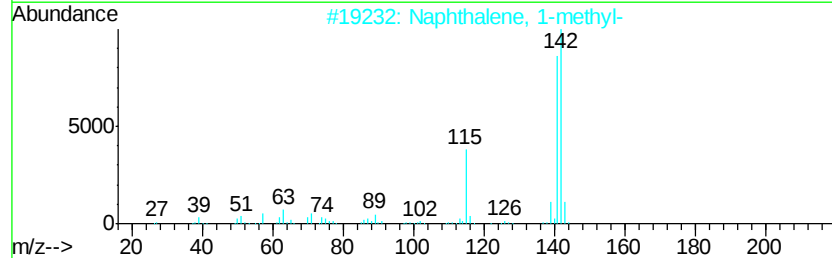
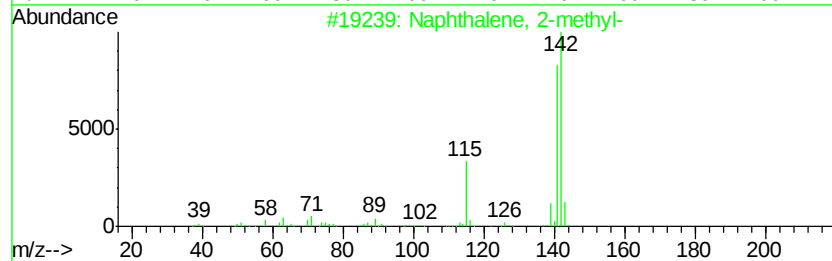
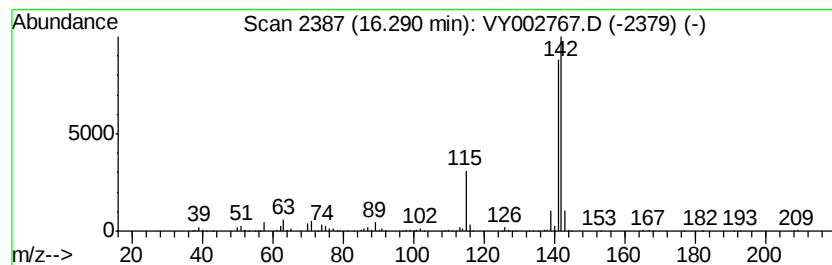
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	15.94 ug/l	307300	1,4-Dichlorobenzene-d4	13.42

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		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	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY052720\
Data File : VY002767.D
Acq On : 27 May 2020 16:26
Operator : SY/MD
Sample : L2776-03
Misc : 7.27G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
225

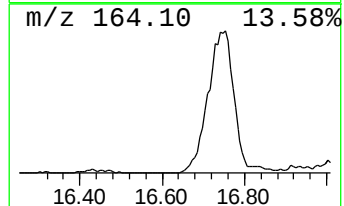
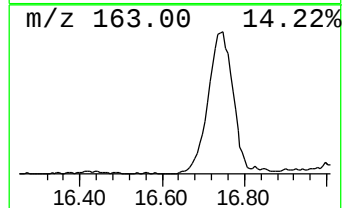
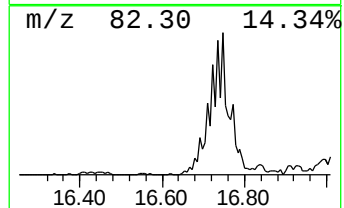
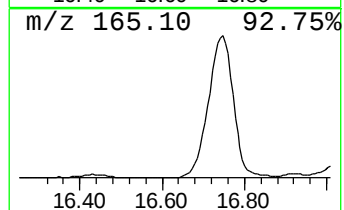
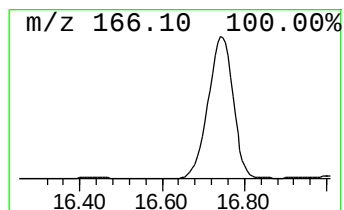
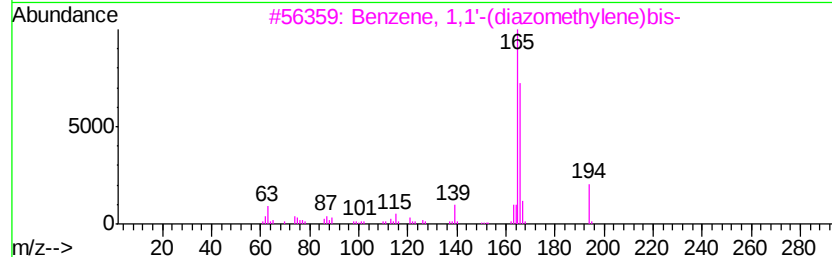
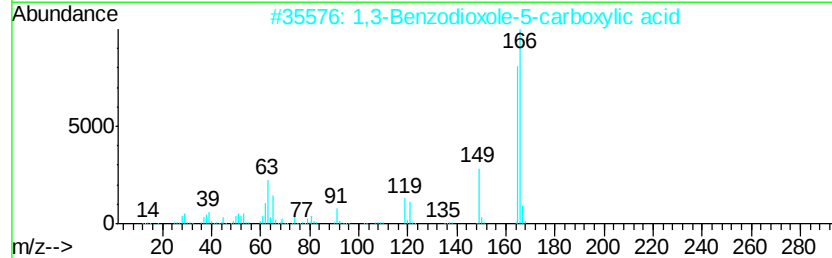
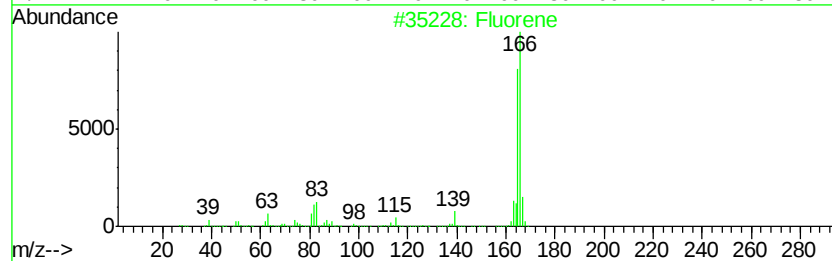
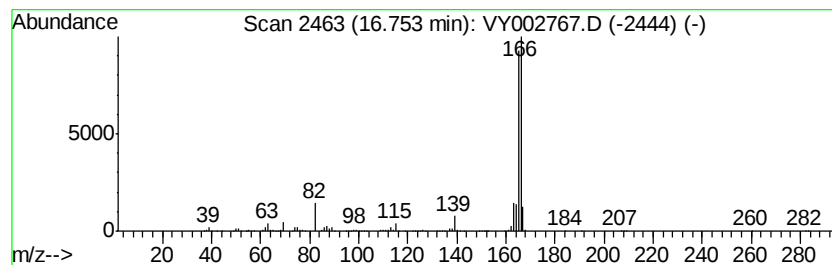
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260

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

Peak Number 10 Fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	54.98 ug/l	1060190	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorene	166	C13H10	000086-73-7	93
2		1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	59
3		Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	56
4		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56
5		Fluorene-9-methanol	196	C14H12O	024324-17-2	53



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY052720\
 Data File : VY002767.D
 Acq On : 27 May 2020 16:26
 Operator : SY/MD
 Sample : L2776-03
 Misc : 7.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 225

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.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-...	11.75	29.9	ug/l	623226	3	11.49	1040710	50.0
Naphthalene, 2,7-...	12.67	59.5	ug/l	1147850	4	13.42	964230	50.0
Naphthalene, 1,8-...	13.33	18.4	ug/l	355602	4	13.42	964230	50.0
Naphthalene, 1,3-...	13.77	13.1	ug/l	251698	4	13.42	964230	50.0
Diphenylmethane	14.05	50.9	ug/l	981326	4	13.42	964230	50.0
1,1'-Biphenyl, 3-...	14.31	13.9	ug/l	267060	4	13.42	964230	50.0
Acenaphthene	14.54	533.8	ug/l	10293200	4	13.42	964230	50.0
1-Isopropenyl naph...	14.92	32.2	ug/l	620154	4	13.42	964230	50.0
Naphthalene, 1-me...	16.29	15.9	ug/l	307300	4	13.42	964230	50.0
Fluorene	16.75	55.0	ug/l	1060190	4	13.42	964230	50.0