

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
 Data File : VY000083.D
 Acq On : 19 Sep 2019 17:29
 Operator : SY/MD
 Sample : K4878-14
 Misc : 6.39g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-9-2

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\82Y091719S.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	1.666	6	13	14	rBV	2552	3089	2.13%	0.466%
2	1.703	14	19	31	rVV	94971	144789	100.00%	21.861%
3	2.117	82	87	88	rBV3	1408	2374	1.64%	0.358%
4	2.319	118	120	124	rVB5	1429	1600	1.11%	0.242%
5	7.720	1001	1006	1012	rBV4	4581	10466	7.23%	1.580%
6	7.799	1012	1019	1027	rVB3	12600	29179	20.15%	4.406%
7	8.147	1069	1076	1085	rVB3	7731	16135	11.14%	2.436%
8	8.695	1158	1166	1175	rVB2	20003	40604	28.04%	6.131%
9	10.183	1401	1410	1418	rBV	29329	52262	36.10%	7.891%
10	11.488	1618	1624	1632	rVB2	21298	36490	25.20%	5.509%
11	11.701	1653	1659	1662	rBV4	1945	2900	2.00%	0.438%
12	11.774	1664	1671	1674	rVV5	2445	6384	4.41%	0.964%
13	11.817	1674	1678	1679	rVV3	3029	3996	2.76%	0.603%
14	11.866	1682	1686	1687	rVV4	2522	4380	3.03%	0.661%
15	11.890	1688	1690	1694	rVV4	2599	4537	3.13%	0.685%
16	11.921	1694	1695	1698	rVV3	2025	2122	1.47%	0.320%
17	12.475	1777	1786	1796	rBV5	17902	47295	32.66%	7.141%
18	12.664	1807	1817	1818	rBV7	2647	5249	3.63%	0.793%
19	12.695	1818	1822	1825	rVB5	2233	4124	2.85%	0.623%
20	13.250	1906	1913	1914	rBV5	1770	2722	1.88%	0.411%
21	13.335	1925	1927	1929	rBV3	1497	1908	1.32%	0.288%
22	13.420	1935	1941	1946	rVB3	12326	19563	13.51%	2.954%
23	13.701	1982	1987	1991	rVB4	2035	3412	2.36%	0.515%
24	13.749	1991	1995	1998	rBV4	2143	3308	2.28%	0.499%
25	14.066	2046	2047	2051	rVB3	1344	1457	1.01%	0.220%
26	14.530	2111	2123	2133	rBV5	30285	99663	68.83%	15.048%
27	14.652	2139	2143	2145	rBV3	2145	3781	2.61%	0.571%
28	14.853	2171	2176	2178	rBV5	1416	1861	1.29%	0.281%
29	14.926	2180	2188	2194	rBV8	3514	9142	6.31%	1.380%
30	15.054	2205	2209	2211	rBV3	1593	1915	1.32%	0.289%
31	15.085	2211	2214	2222	rVB6	2624	5849	4.04%	0.883%
32	15.225	2228	2237	2245	rBV6	11519	34431	23.78%	5.199%
33	15.499	2280	2282	2285	rBV3	1262	1540	1.06%	0.233%
34	15.542	2285	2289	2294	rBV6	2889	4546	3.14%	0.686%

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CSA-2-9-2

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 >
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35	15.633	2303	2304	2309	rVB4	2047	2666	1.84%	0.403%
36	15.688	2309	2313	2314	rBV3	1670	2290	1.58%	0.346%
37	15.706	2314	2316	2321	rVV5	2199	4452	3.07%	0.672%
38	15.810	2331	2333	2337	rVB3	1390	1462	1.01%	0.221%
39	16.005	2362	2365	2366	rBV3	1720	1720	1.19%	0.260%
40	16.414	2428	2432	2434	rBV3	2035	2549	1.76%	0.385%
41	16.584	2458	2460	2464	rVB2	1915	1472	1.02%	0.222%
42	16.731	2474	2484	2495	rBV8	8983	30989	21.40%	4.679%
43	16.932	2514	2517	2518	rBV3	1334	1645	1.14%	0.248%

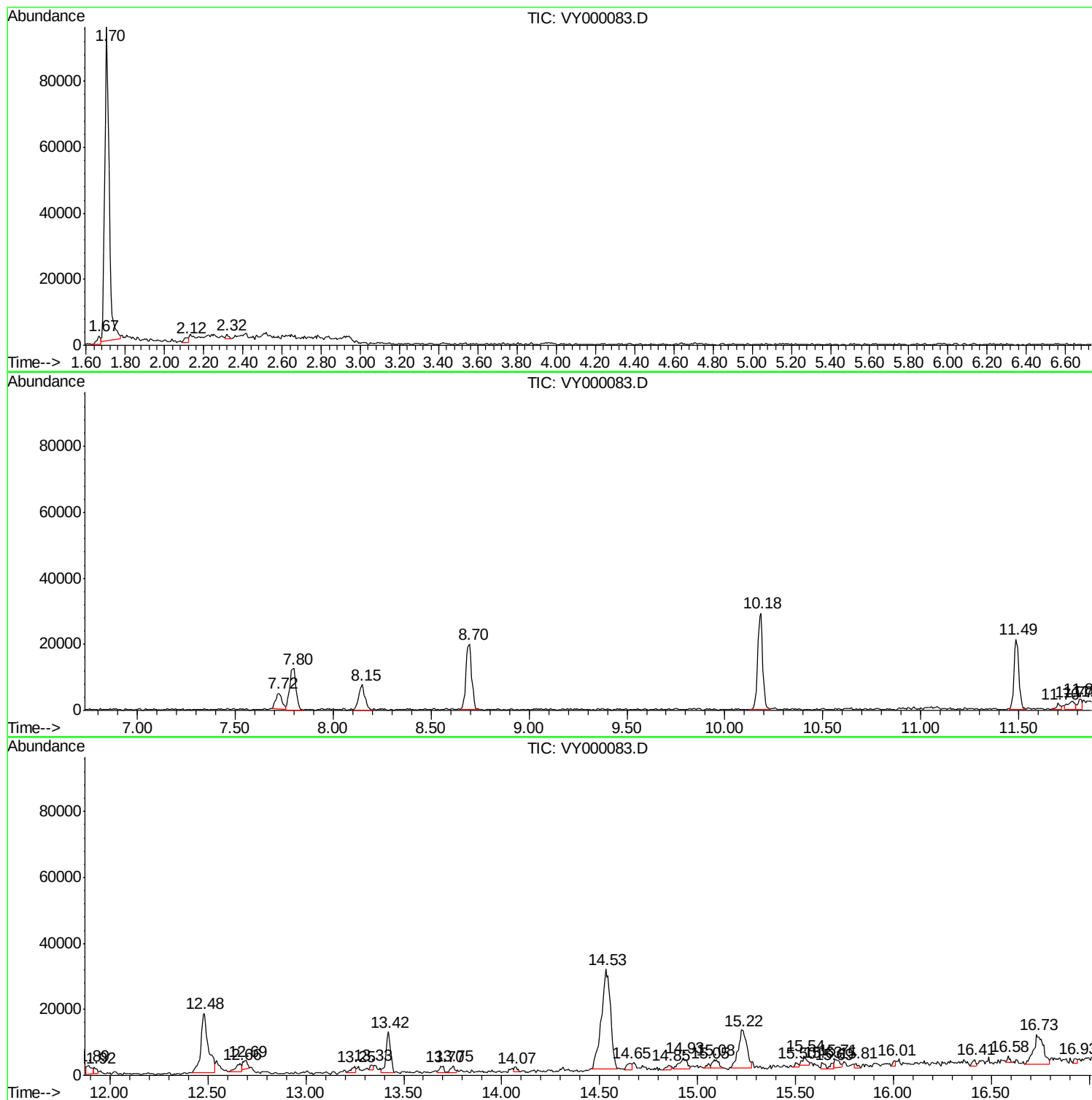
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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



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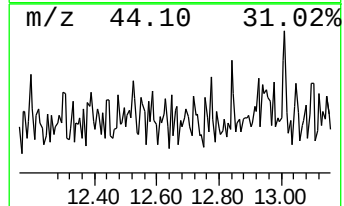
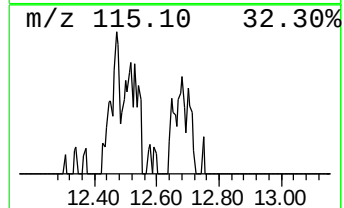
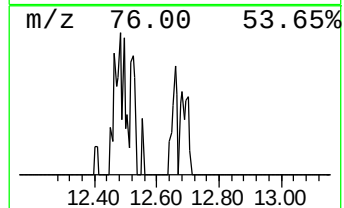
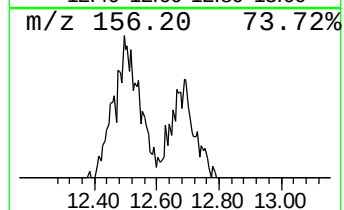
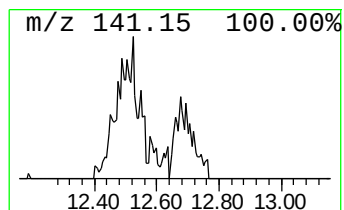
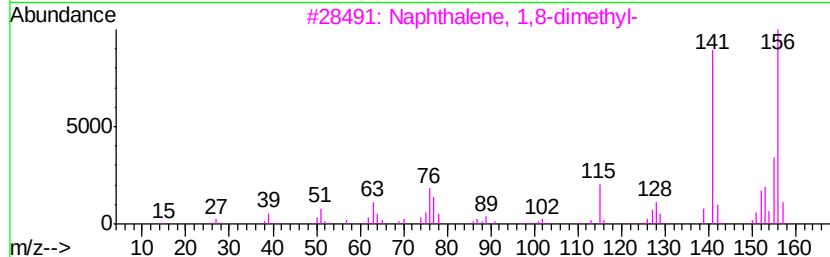
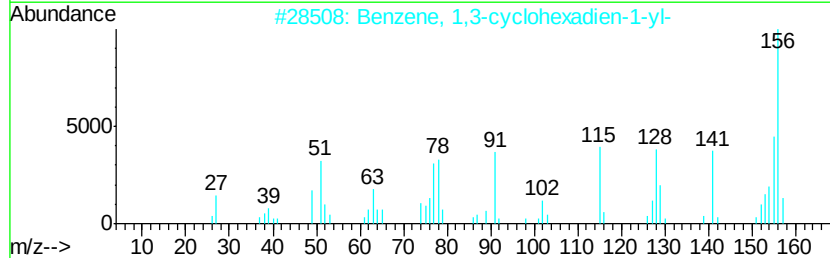
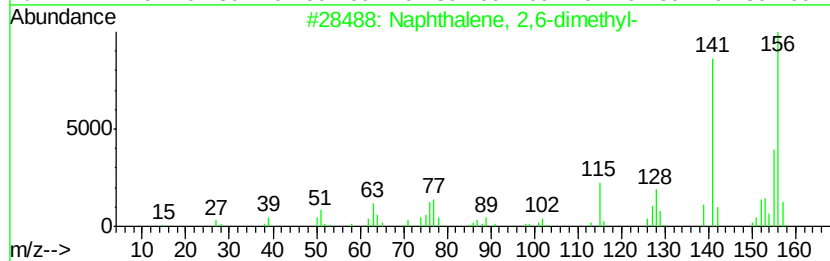
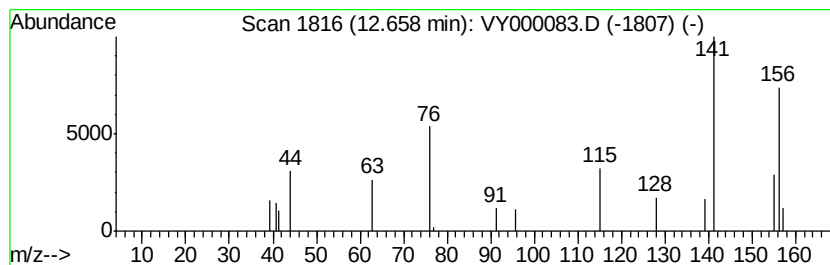
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	13.42 ug/l	5249	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	64
2		Benzene, 1,3-cyclohexadien-1-yl-	156	C12H12	015619-32-6	59
3		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	59
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	59
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	59



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
CSA-2-9-2

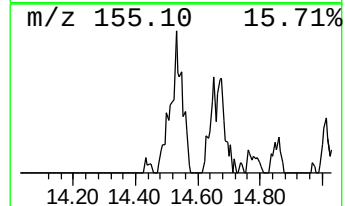
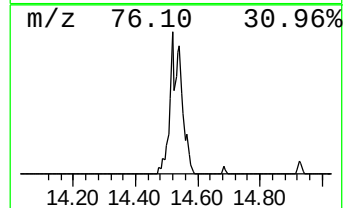
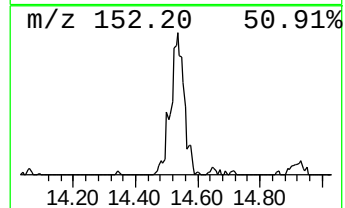
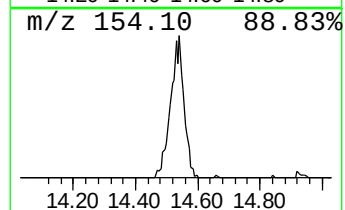
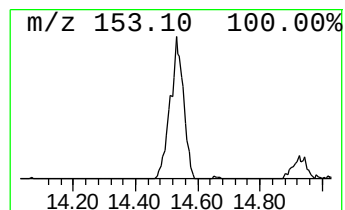
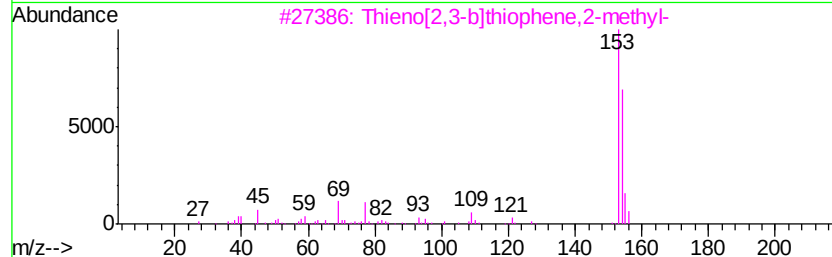
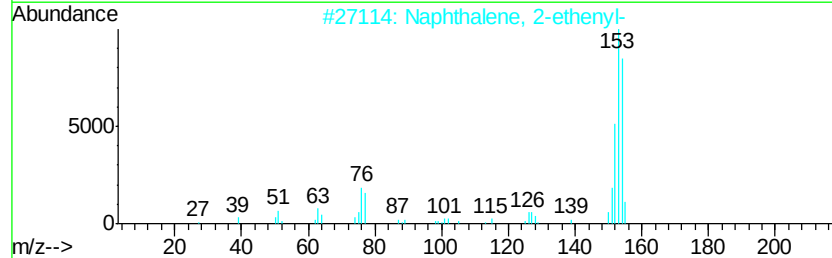
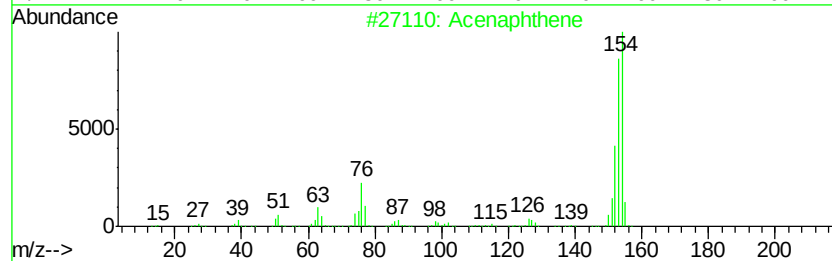
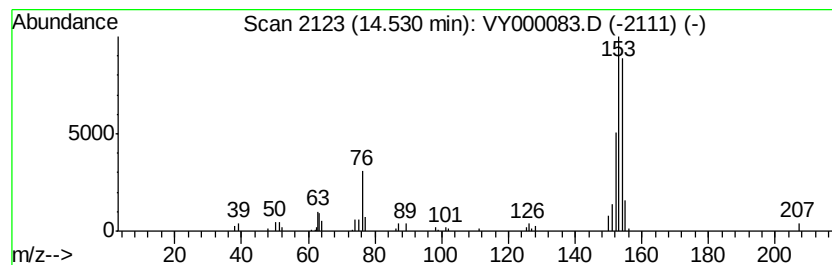
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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.
14.53	254.72 ug/l	99663	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphthene	154	C12H10	000083-32-9	76
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
3		Thieno[2,3-b]thiophene,2-methyl-	154	C7H6S2	013393-75-4	47
4		Benzene, (2,4-cyclopentadien-1-yl-)	154	C12H10	007338-50-3	47
5		3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	47



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Instrument :
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ClientSampleId :
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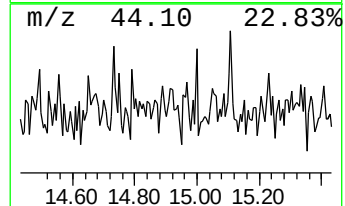
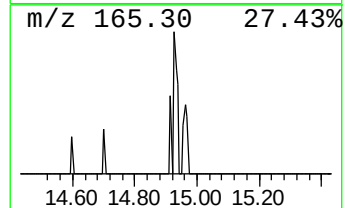
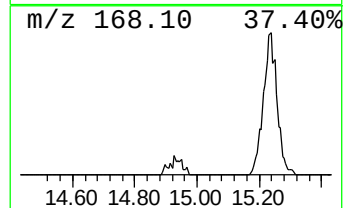
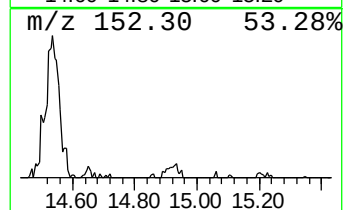
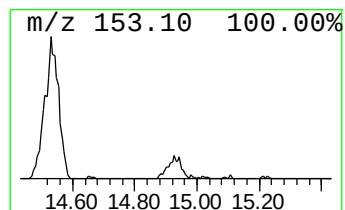
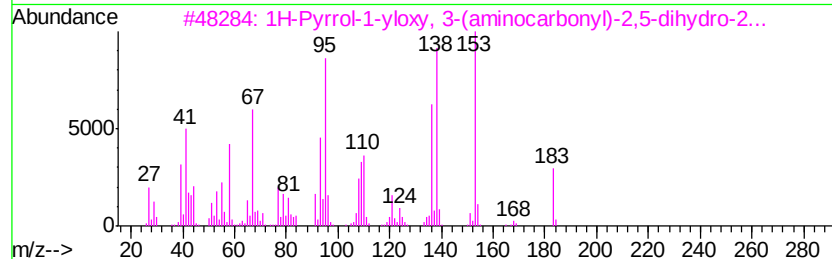
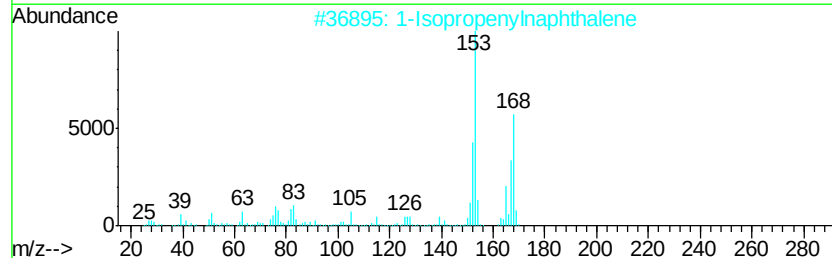
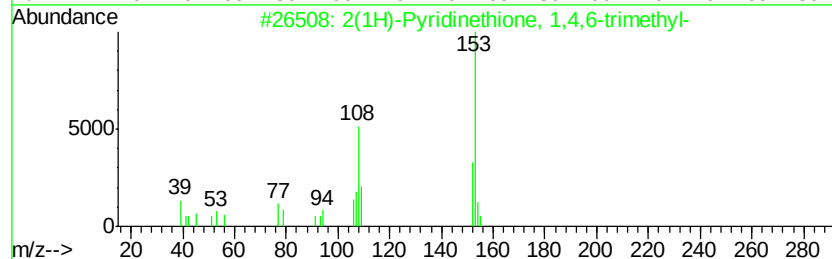
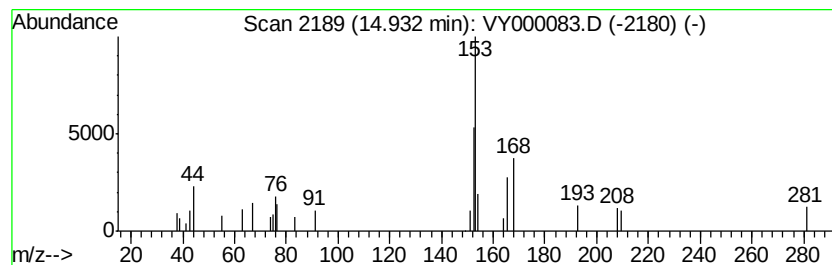
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown14.93 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	23.37 ug/l	9142	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Pyridinethione, 1,4,6-trim...	153	C8H11NS	019006-70-3	37
2		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	32
3		1H-Pyrrol-1-yloxy, 3-(aminocarbo...	183	C9H15N2O2	003229-73-0	17
4		4-Dichloromethyl-5,6-epoxy-2-met...	236	C9H10Cl2O3	1000101-15-0	17
5		Benzeneacetonitrile, 2,5-difluoro-	153	C8H5F2N	069584-87-8	9



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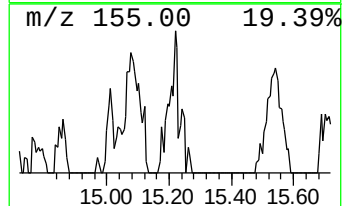
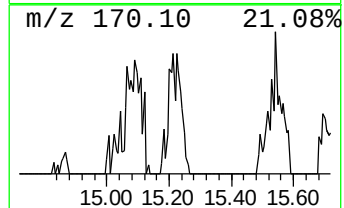
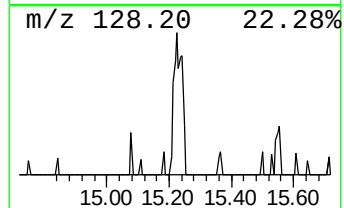
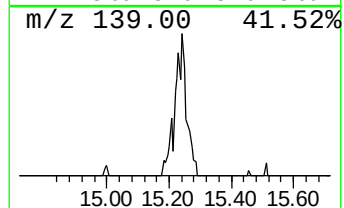
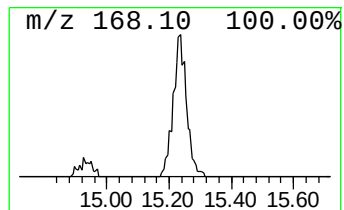
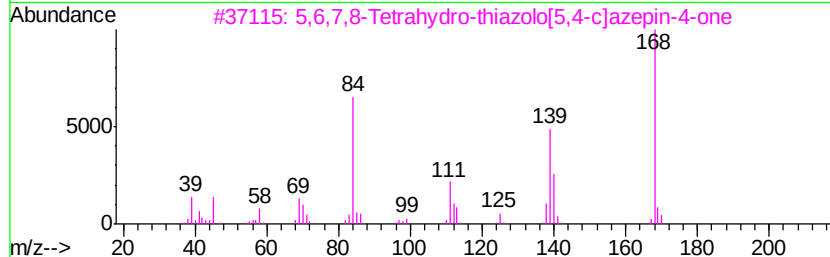
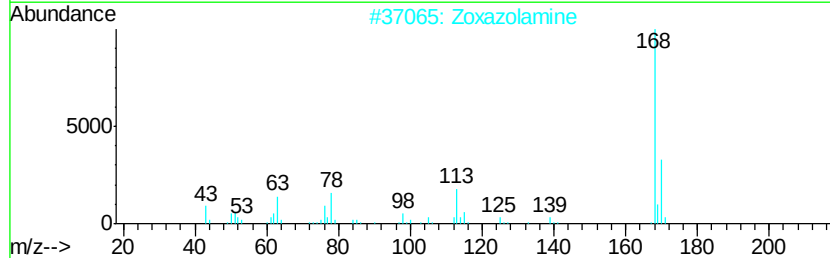
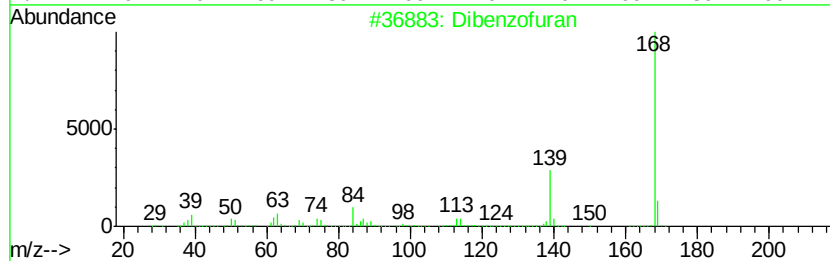
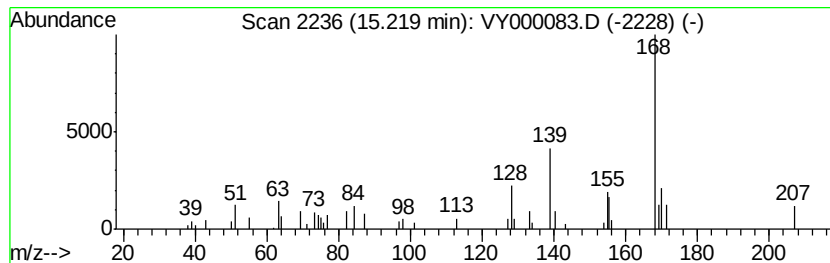
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown15.22 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.22	88.00 ug/l	34431	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	46
2	Zoxazolamine	168	C7H5ClN2O	000061-80-3	43
3	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	38
4	1(2H)-Acenaphthylene	168	C12H8O	002235-15-6	38
5	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	37



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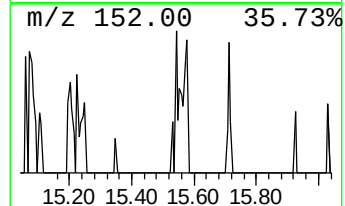
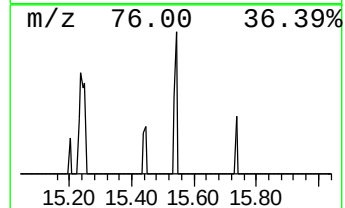
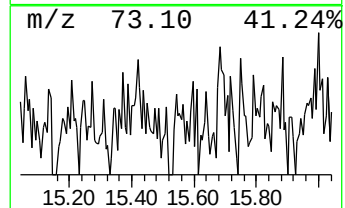
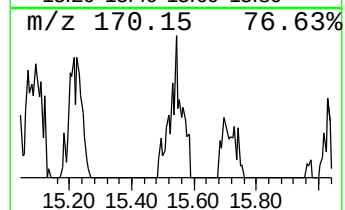
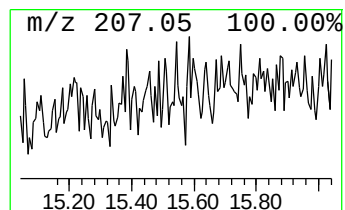
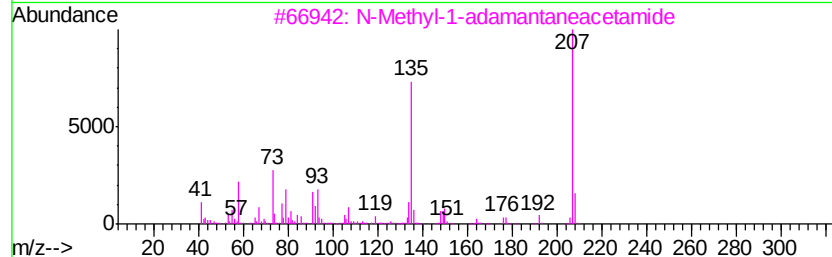
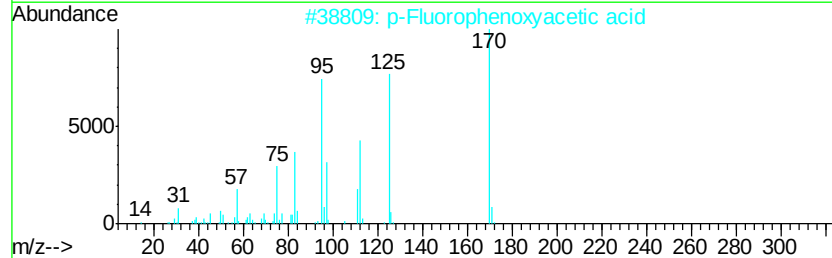
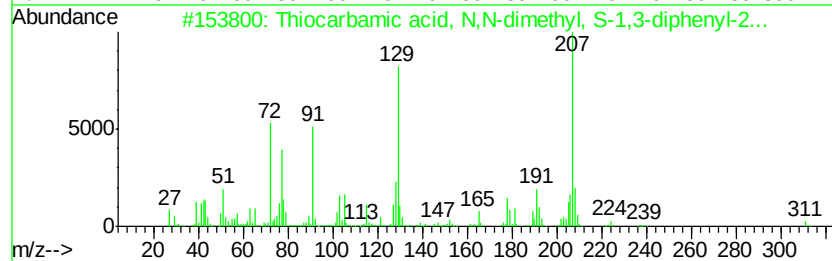
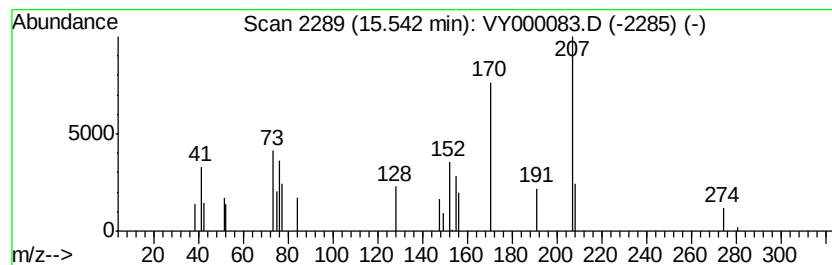
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown15.54 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	11.62 ug/l	4546	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiocarbamic acid, N,N-dimethyl,...	311	C19H21NOS	1000192-89-2	17
2		p-Fluorophenoxyacetic acid	170	C8H7FO3	000405-79-8	9
3		N-Methyl-1-adamantaneacetamide	207	C13H21NO	031897-93-5	9
4		Diphenyl ether	170	C12H10O	000101-84-8	9
5		1,2,5-Oxadiazol-3-amine, 4-(4-me...	207	C9H9N3O3	1000351-72-7	9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
Data File : VY000083.D
Acq On : 19 Sep 2019 17:29
Operator : SY/MD
Sample : K4878-14
Misc : 6.39g/5.00ml/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

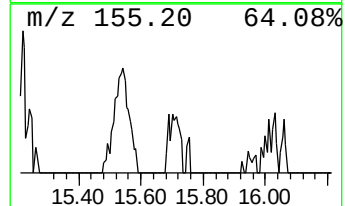
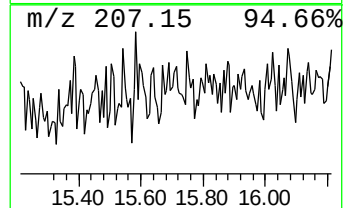
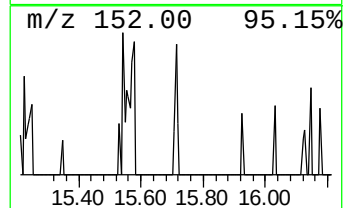
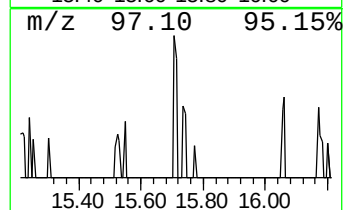
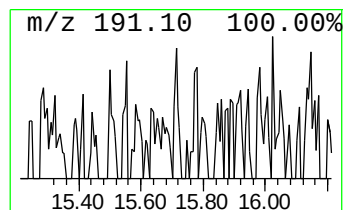
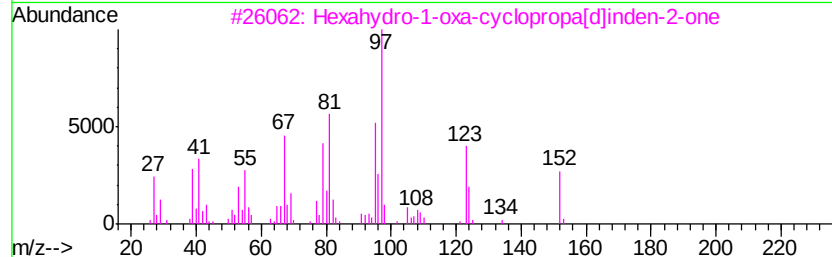
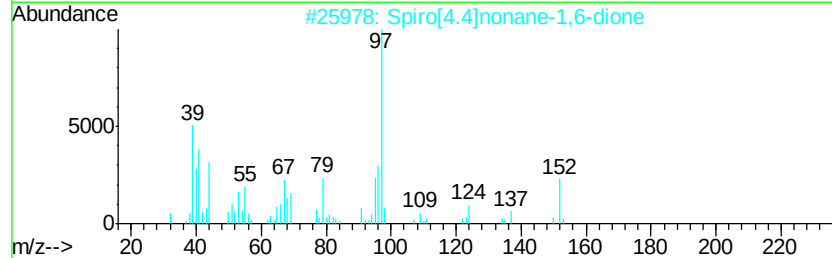
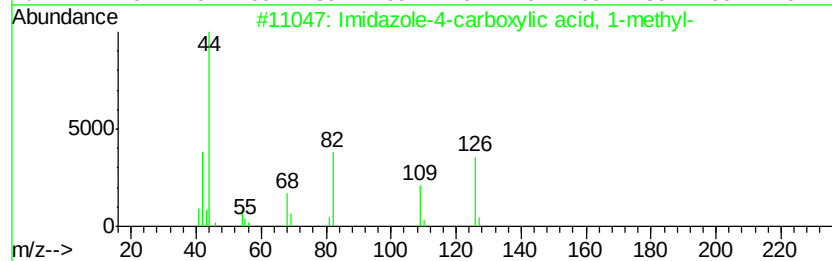
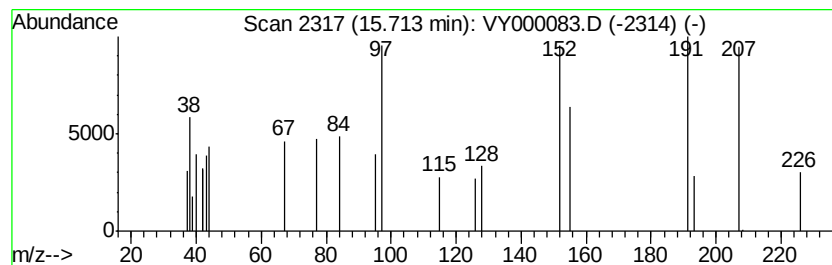
Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown15.71 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	11.38 ug/l	4452	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Imidazole-4-carboxylic acid, 1-m...	126 C5H6N2O2	041716-18-1 14
2		Spiro[4.4]nonane-1,6-dione	152 C9H12O2	027723-43-9 9
3		Hexahydro-1-oxa-cyclopropa[d]ind...	152 C9H12O2	037643-23-5 9
4		Mesityl oxide semicarbazone	155 C7H13N3O	003780-62-9 9
5		2-Butenal, 2-methyl-, dimethylhy...	126 C7H14N2	021083-08-9 9



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091919\
Data File : VY000083.D
Acq On : 19 Sep 2019 17:29
Operator : SY/MD
Sample : K4878-14
Misc : 6.39g/5.00ml/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
CSA-2-9-2

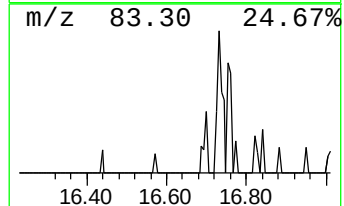
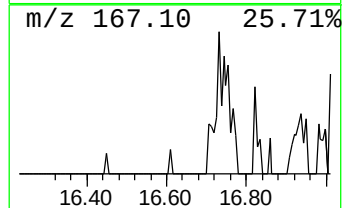
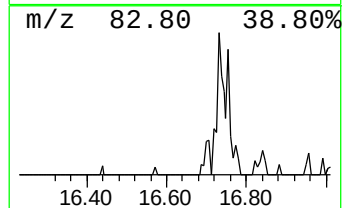
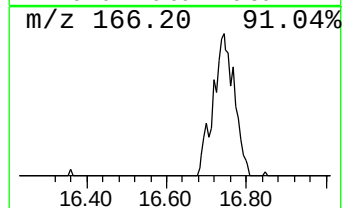
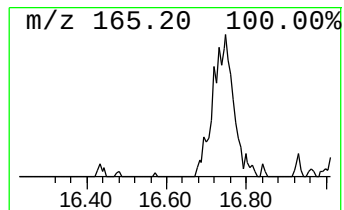
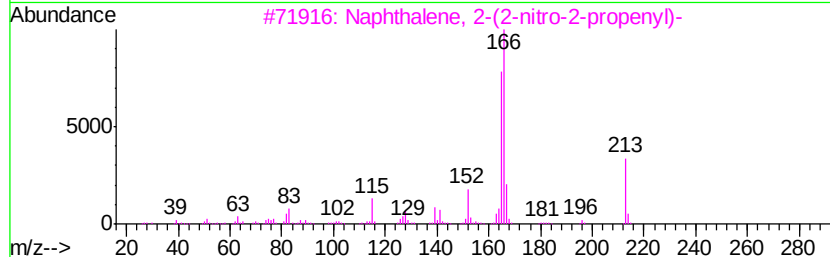
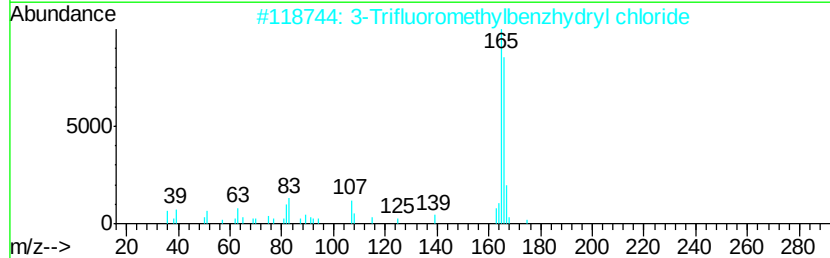
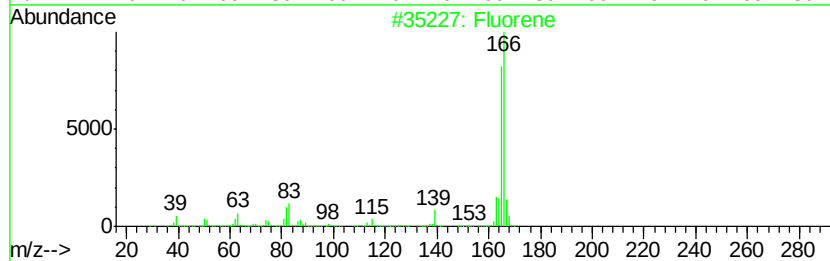
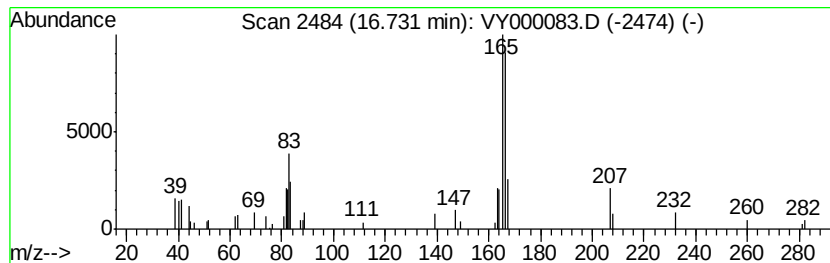
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260

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

Peak Number 10 Fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	79.20 ug/l	30989	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluorene	166	C13H10	000086-73-7	50
2		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	42
3		Naphthalene, 2-(2-nitro-2-propen...	213	C13H11NO2	080255-28-3	40
4		1,2,3,4-Tetrahydrophosphinoline ...	166	C9H11OP	052221-85-9	37
5		1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	37



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\DATA\VY091919\
Data File : VY000083.D
Acq On : 19 Sep 2019 17:29
Operator : SY/MD
Sample : K4878-14
Misc : 6.39g/5.00ml/MSV0A_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
CSA-2-9-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y091719S.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-...	12.66	13.4	ug/l	5249	4	13.42	19563	50.0
Acenaphthene	14.53	254.7	ug/l	99663	4	13.42	19563	50.0
unknown14.93	14.93	23.4	ug/l	9142	4	13.42	19563	50.0
unknown15.22	15.22	88.0	ug/l	34431	4	13.42	19563	50.0
unknown15.54	15.54	11.6	ug/l	4546	4	13.42	19563	50.0
unknown15.71	15.71	11.4	ug/l	4452	4	13.42	19563	50.0
Fluorene	16.73	79.2	ug/l	30989	4	13.42	19563	50.0