

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000283.D
 Acq On : 11 Oct 2019 20:07
 Operator : SY/MD
 Sample : K5350-03
 Misc : 8.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-11935

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\82Y101119S.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	3.956	356	364	381	rVB2	26234	71174	1.88%	0.419%
2	4.730	480	491	506	rBV3	14238	44545	1.17%	0.263%
3	7.730	973	983	989	rBV	204183	484920	12.79%	2.858%
4	7.803	989	995	1005	rVB	331056	749290	19.76%	4.416%
5	8.157	1043	1053	1062	rBV	208765	457552	12.07%	2.697%
6	8.699	1133	1142	1153	rBV	561839	1111005	29.30%	6.548%
7	10.187	1378	1386	1396	rBV	870426	1498247	39.51%	8.830%
8	10.931	1497	1508	1509	rBV6	26300	73441	1.94%	0.433%
9	11.491	1593	1600	1613	rVB	795896	1287275	33.94%	7.587%
10	11.796	1622	1650	1652	rBV4	101214	519618	13.70%	3.063%
11	12.479	1745	1762	1785	rBV3	738232	1956825	51.60%	11.533%
12	12.692	1786	1797	1799	rBV5	50274	139951	3.69%	0.825%
13	13.119	1863	1867	1873	rVB2	24303	45000	1.19%	0.265%
14	13.345	1896	1904	1906	rBV7	25702	61281	1.62%	0.361%
15	13.424	1912	1917	1925	rVB	767033	1146612	30.23%	6.758%
16	13.625	1941	1950	1955	rBV	89758	150485	3.97%	0.887%
17	13.759	1964	1972	1974	rBV6	19190	40474	1.07%	0.239%
18	14.076	2018	2024	2035	rVB8	21807	55944	1.48%	0.330%
19	14.552	2087	2102	2110	rBV4	141105	534886	14.10%	3.153%
20	14.686	2115	2124	2129	rBV3	41281	89845	2.37%	0.530%
21	14.942	2157	2166	2173	rBV7	21765	56450	1.49%	0.333%
22	15.235	2204	2214	2224	rVV	2246635	3792391	100.00%	22.352%
23	15.332	2224	2230	2237	rVB	81861	162978	4.30%	0.961%
24	15.704	2281	2291	2296	rBV8	13732	43179	1.14%	0.254%
25	16.222	2369	2376	2380	rBV4	19801	45708	1.21%	0.269%
26	16.289	2380	2387	2400	rVB	544604	1095470	28.89%	6.457%
27	16.417	2400	2408	2412	rBV6	16276	42480	1.12%	0.250%
28	16.491	2412	2420	2430	rVB	580027	1209745	31.90%	7.130%

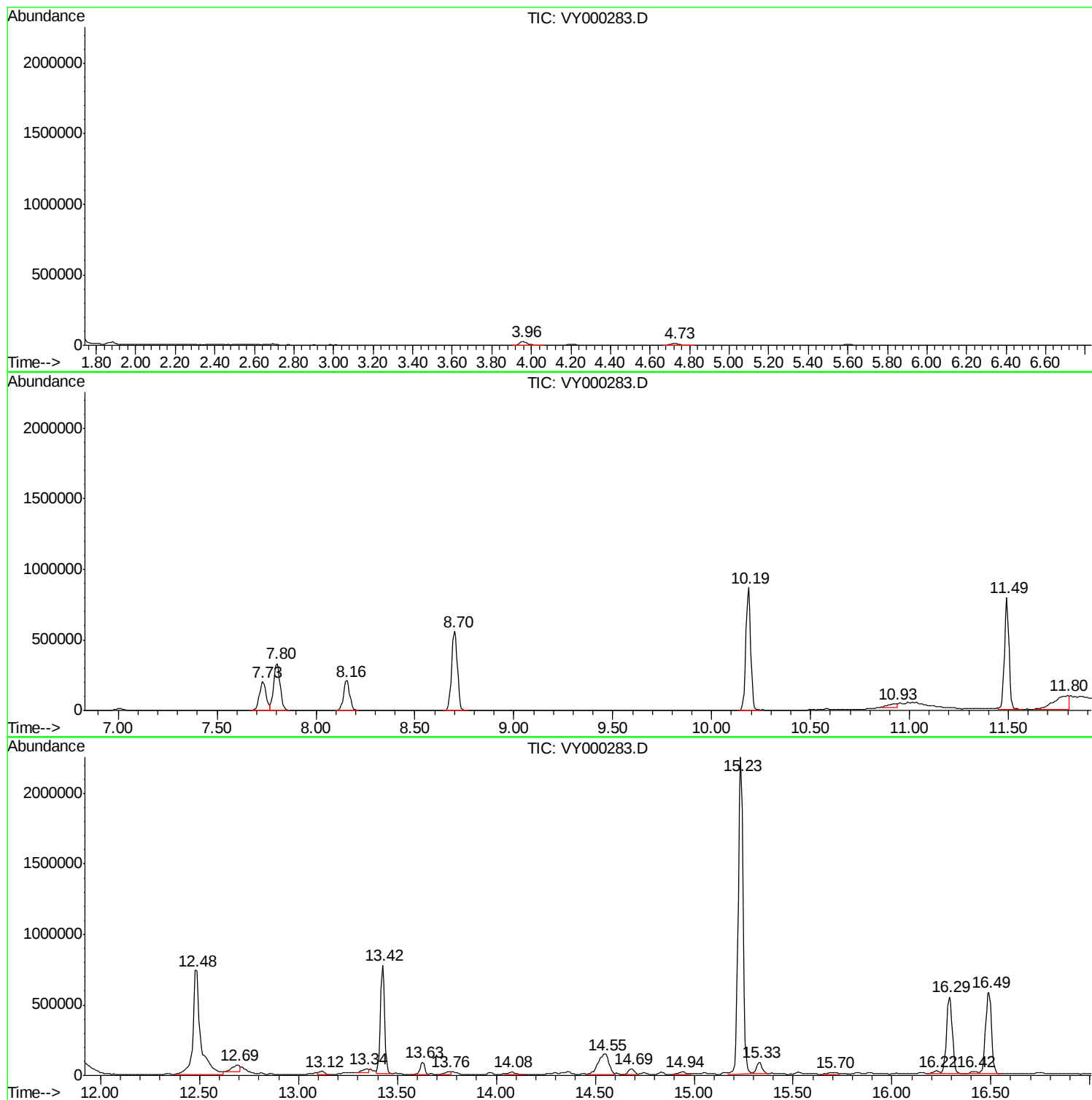
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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



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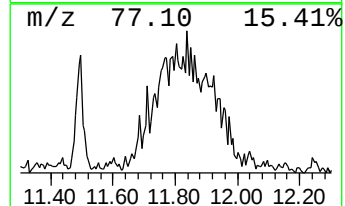
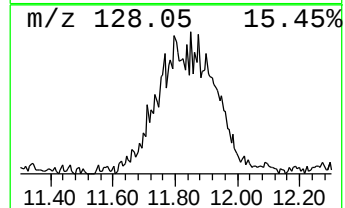
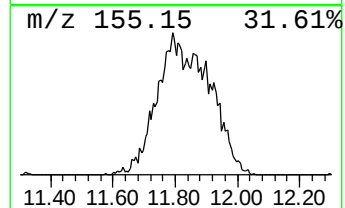
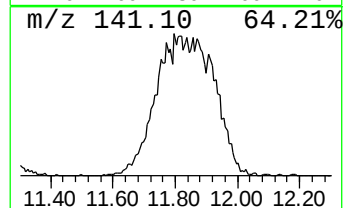
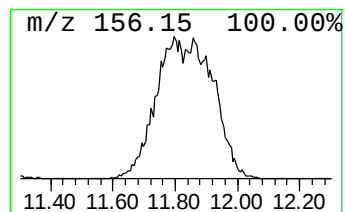
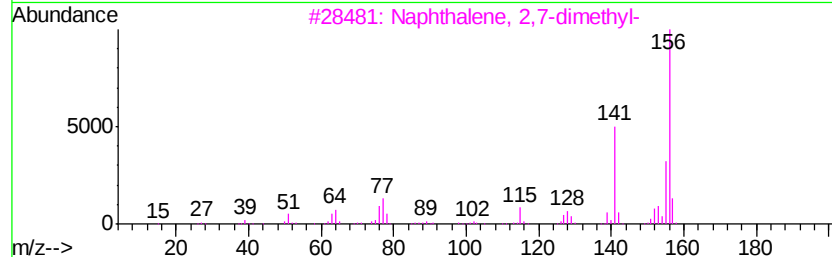
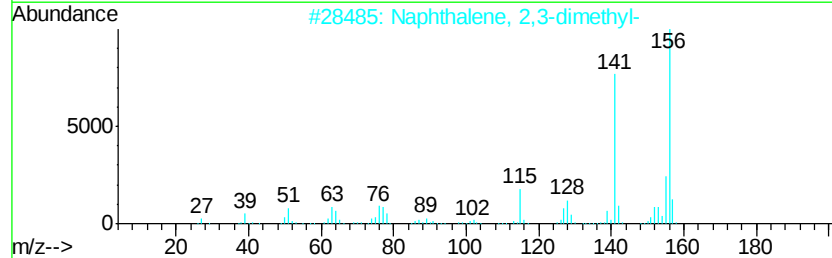
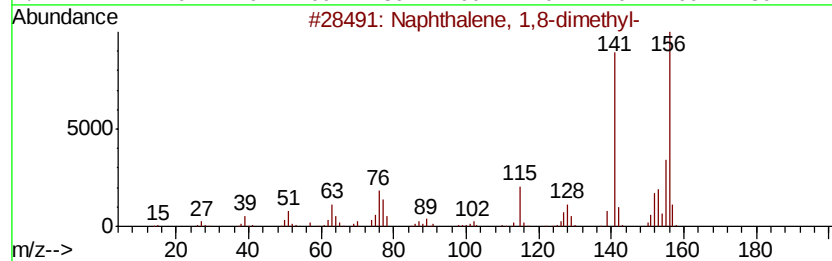
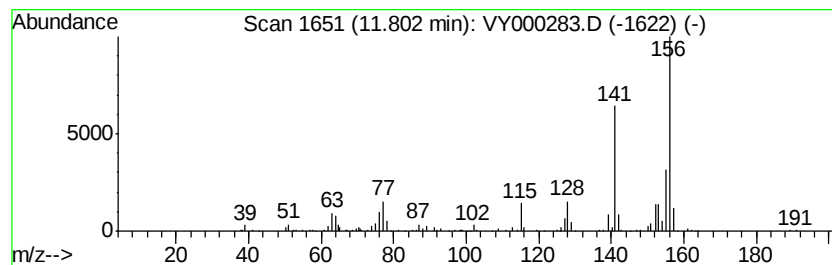
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-11935

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 1,8-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.80	20.18 ug/l	519618	Chlorobenzene-d5	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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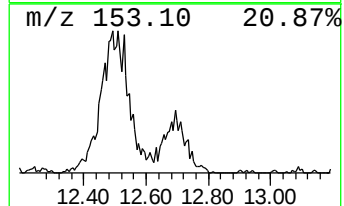
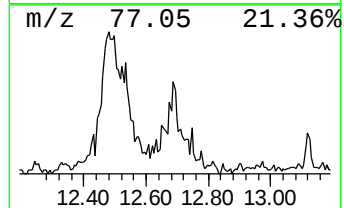
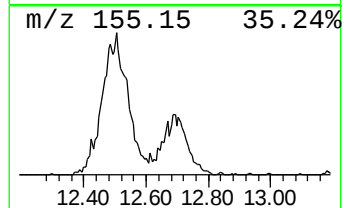
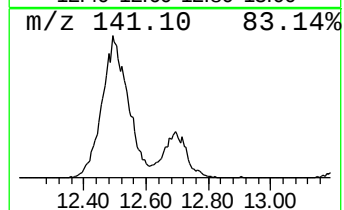
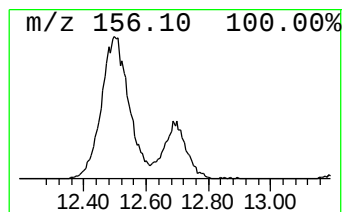
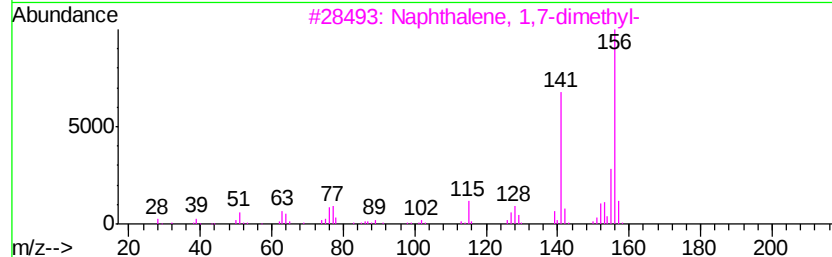
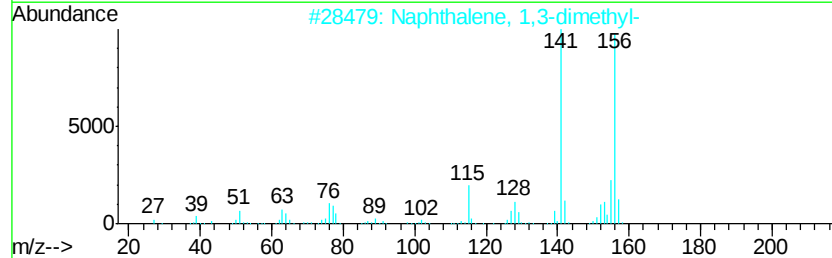
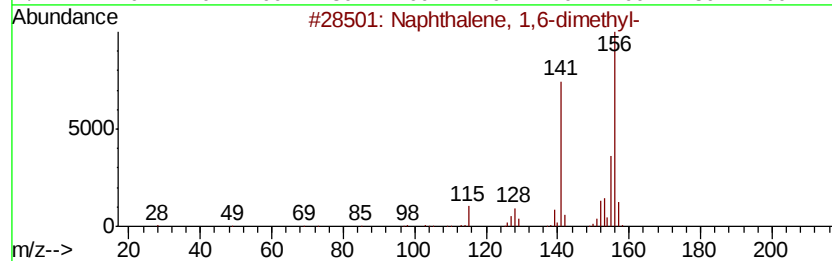
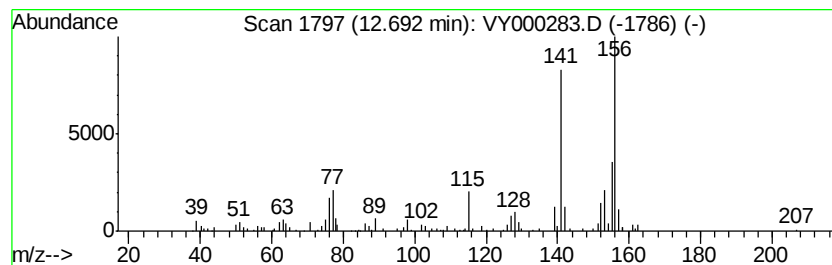
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Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	6.10 ug/l	139951	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



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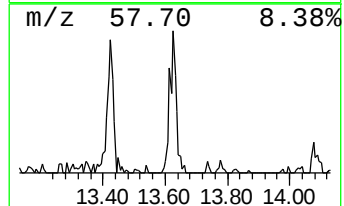
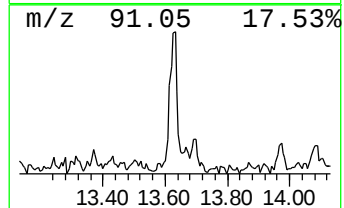
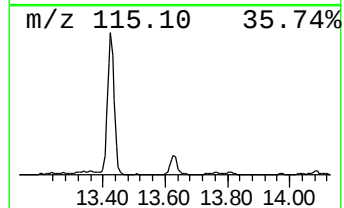
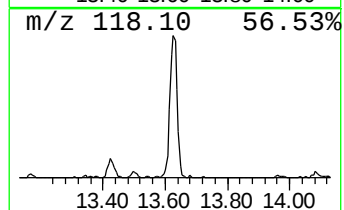
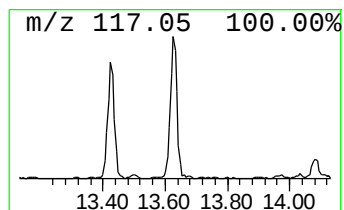
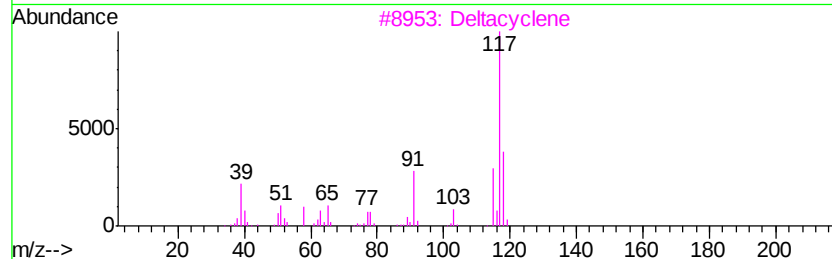
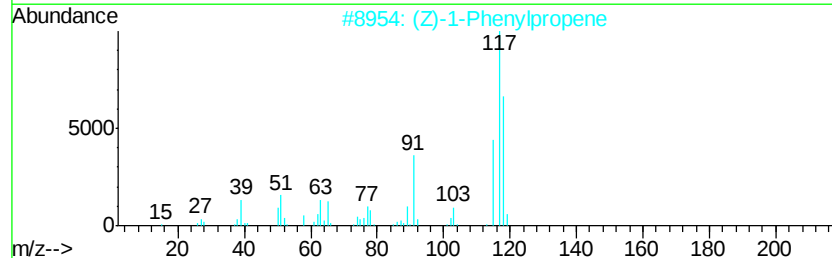
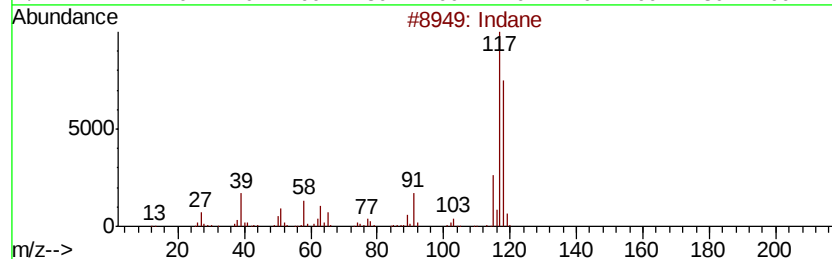
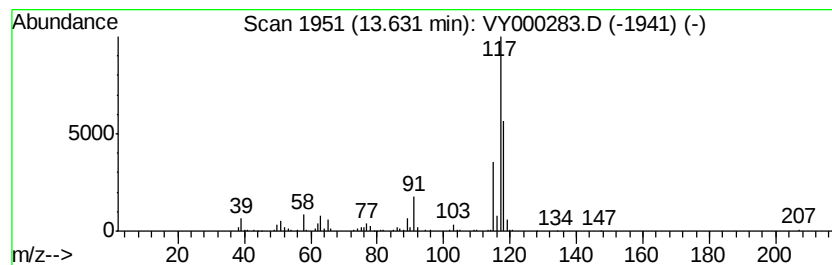
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.56 ug/l	150485	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	92
2		(Z)-1-Phenylpropene	118	C9H10	000766-90-5	81
3		Deltacyclene	118	C9H10	007785-10-6	72
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	60



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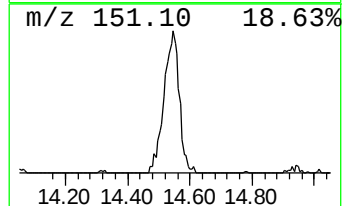
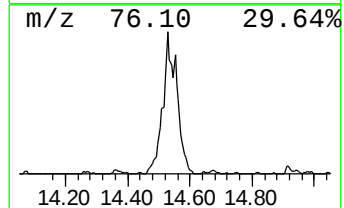
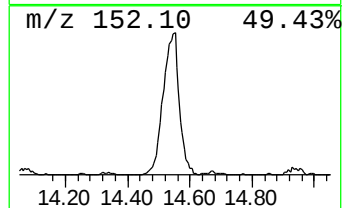
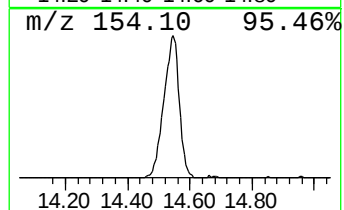
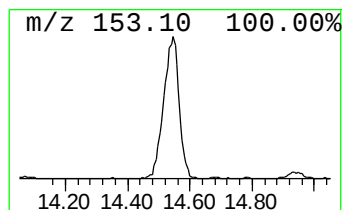
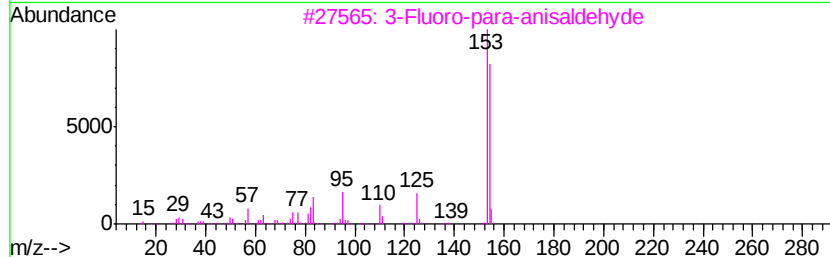
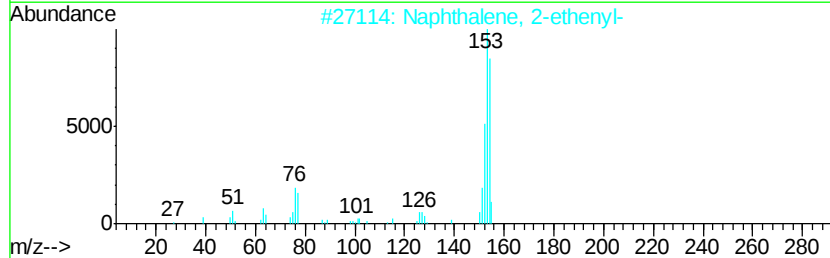
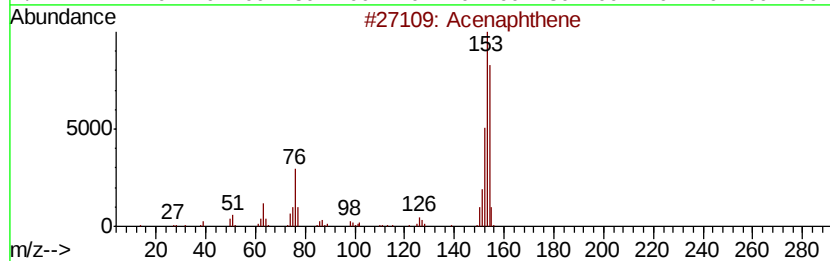
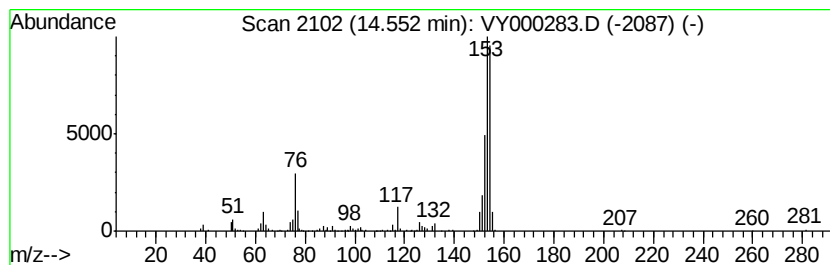
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Peak Number 4 Acenaphthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	23.32 ug/l	534886	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphthene	154	C12H10	000083-32-9	86
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	58
3		3-Fluoro-para-anisaldehyd	154	C8H7FO2	000351-54-2	50
4		Naphthalene, 1,4-bis(bromomethyl)-	312	C12H10Br2	058791-49-4	50
5		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	42



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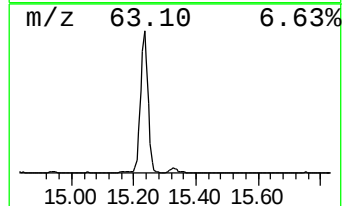
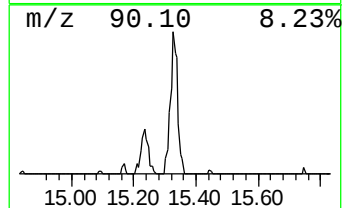
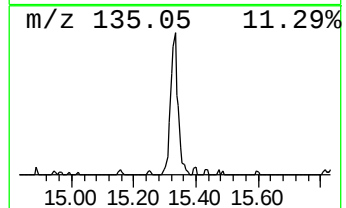
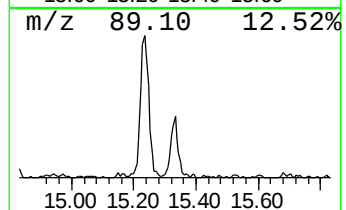
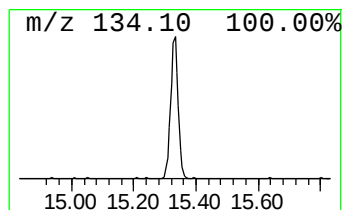
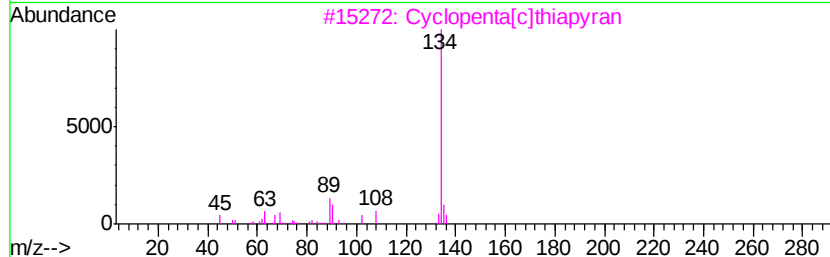
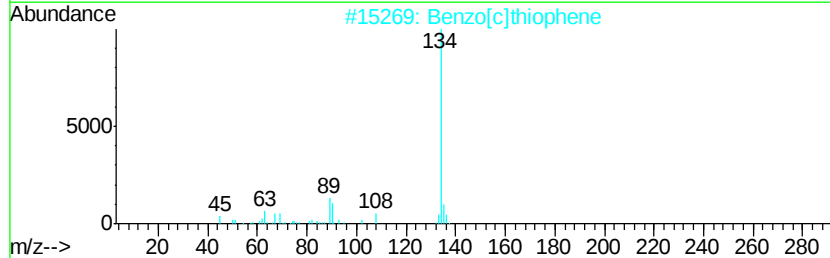
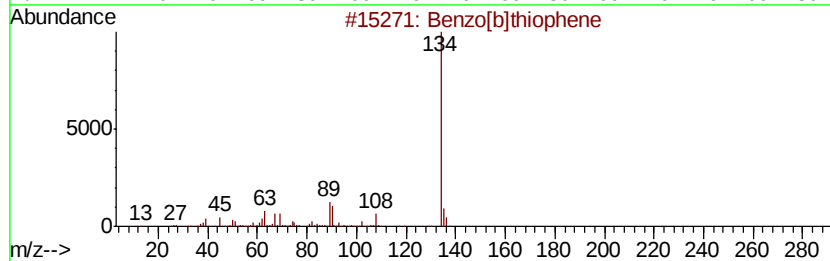
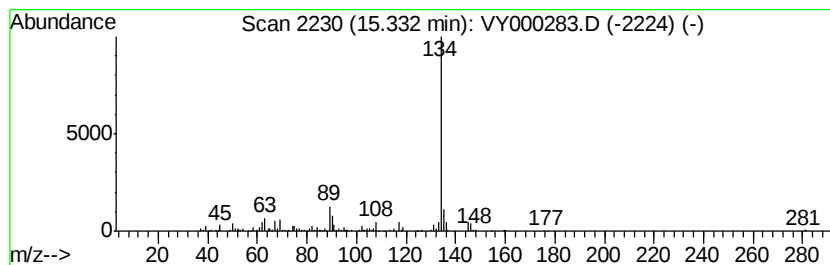
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzo[b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	7.11 ug/l	162978	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2		Benzo[c]thiophene	134	C8H6S	000270-82-6	93
3		Cyclopenta[c]thiopyran	134	C8H6S	000270-63-3	72
4		5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	64
5		Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	59



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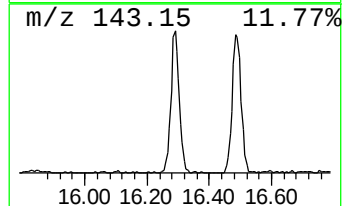
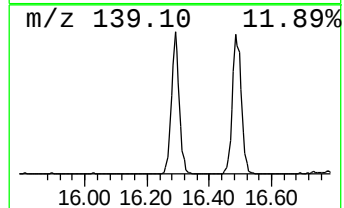
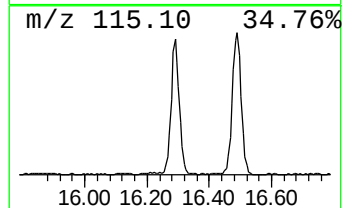
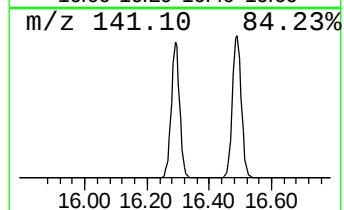
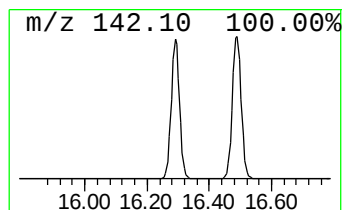
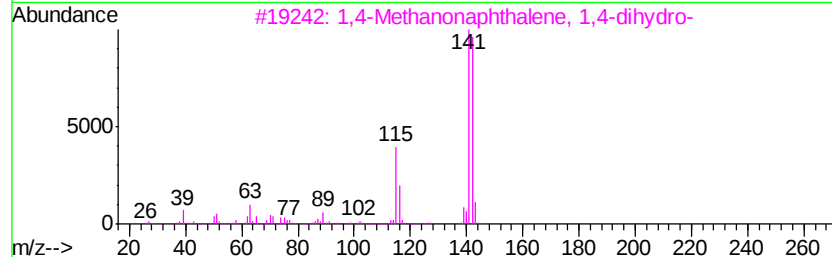
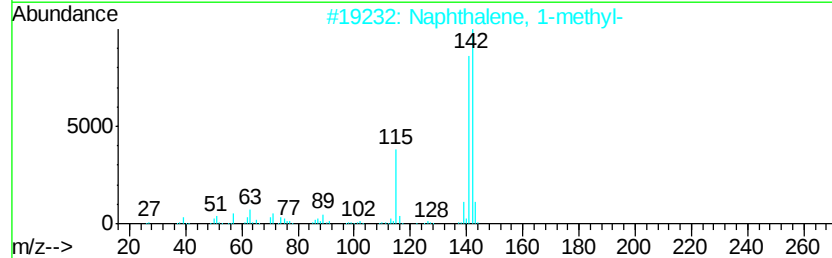
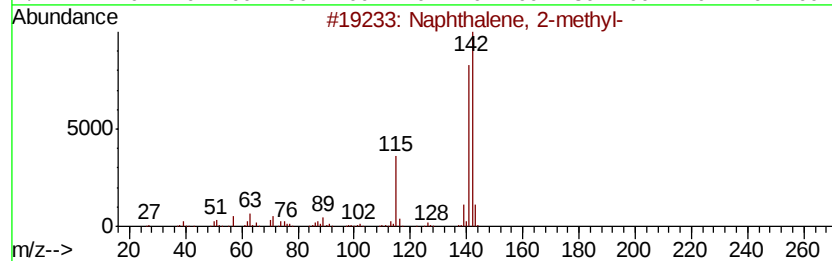
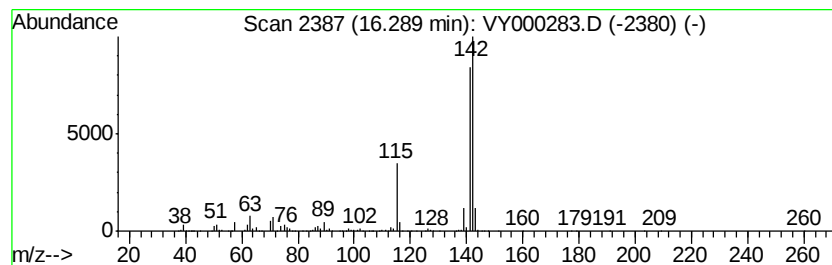
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-11935

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	47.77 ug/l	1095470	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		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 94
4		Benzocycloheptatriene	142 C11H10	000264-09-5 91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142 C11H10	002443-46-1 91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY101119\
Data File : VY000283.D
Acq On : 11 Oct 2019 20:07
Operator : SY/MD
Sample : K5350-03
Misc : 8.09G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-11935

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.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, 1,8-...	11.80	20.2	ug/l	519618	3	11.49	1287280	50.0
Naphthalene, 1,6-...	12.69	6.1	ug/l	139951	4	13.42	1146610	50.0
Indane	13.63	6.6	ug/l	150485	4	13.42	1146610	50.0
Acenaphthene	14.55	23.3	ug/l	534886	4	13.42	1146610	50.0
Benzo[b]thiophene	15.33	7.1	ug/l	162978	4	13.42	1146610	50.0
Naphthalene, 1-me...	16.29	47.8	ug/l	1095470	4	13.42	1146610	50.0