

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077794.D
 Acq On : 08 Dec 2023 16:26
 Operator : JC/SY
 Sample : 05629-04
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11985

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_D\Method\82D120823S.M
 Title : SW846 8260

Signal : TIC: VD077794.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.687	12	17	20	rBV	34574	53165	2.64%	0.315%
2	1.746	20	27	39	rVB	1332600	2011914	100.00%	11.929%
3	2.175	92	100	101	rBV	9460	20788	1.03%	0.123%
4	4.799	535	546	548	rBV2	13951	31538	1.57%	0.187%
5	7.810	1048	1058	1063	rBV	163657	393654	19.57%	2.334%
6	7.875	1063	1069	1079	rVB	212310	485375	24.13%	2.878%
7	8.234	1122	1130	1138	rBV	129582	288641	14.35%	1.711%
8	8.775	1214	1222	1233	rBV	406597	835172	41.51%	4.952%
9	10.269	1468	1476	1487	rBV	635285	1138240	56.57%	6.749%
10	10.669	1537	1544	1550	rVB2	11195	21815	1.08%	0.129%
11	11.145	1596	1625	1628	rBV2	110920	555448	27.61%	3.293%
12	11.581	1690	1699	1709	rVB	596328	1036727	51.53%	6.147%
13	12.298	1796	1821	1845	rBV2	114090	802128	39.87%	4.756%
14	12.575	1861	1868	1875	rBV	474607	789627	39.25%	4.682%
15	12.792	1876	1905	1906	rBV3	206761	1115106	55.43%	6.612%
16	13.081	1943	1954	1957	rBV4	12502	33645	1.67%	0.199%
17	13.228	1959	1979	1990	rVV3	310377	1484008	73.76%	8.799%
18	13.339	1990	1998	2017	rVV4	160926	777892	38.66%	4.612%
19	13.516	2020	2028	2039	rBV	640429	1073894	53.38%	6.367%
20	13.798	2064	2076	2078	rBV5	29839	91750	4.56%	0.544%
21	13.881	2082	2090	2103	rVB4	88406	323906	16.10%	1.921%
22	14.045	2115	2118	2124	rVB	14332	22614	1.12%	0.134%
23	14.239	2137	2151	2162	rBV6	34751	130473	6.49%	0.774%
24	14.481	2182	2192	2209	rVB4	76879	279844	13.91%	1.659%
25	14.704	2224	2230	2242	rVB6	32629	110965	5.52%	0.658%
26	14.892	2249	2262	2275	rBV	505639	1583180	78.69%	9.387%
27	15.016	2275	2283	2289	rBV3	30729	76905	3.82%	0.456%
28	15.333	2320	2337	2343	rBV2	98711	271465	13.49%	1.610%
29	15.416	2346	2351	2352	rVV4	15325	27603	1.37%	0.164%
30	15.433	2352	2354	2366	rVB9	25429	68615	3.41%	0.407%
31	15.610	2369	2384	2397	rBV3	153074	542193	26.95%	3.215%
32	16.398	2511	2518	2531	rVB2	118550	278927	13.86%	1.654%
33	16.604	2544	2553	2560	rBV2	49979	108256	5.38%	0.642%

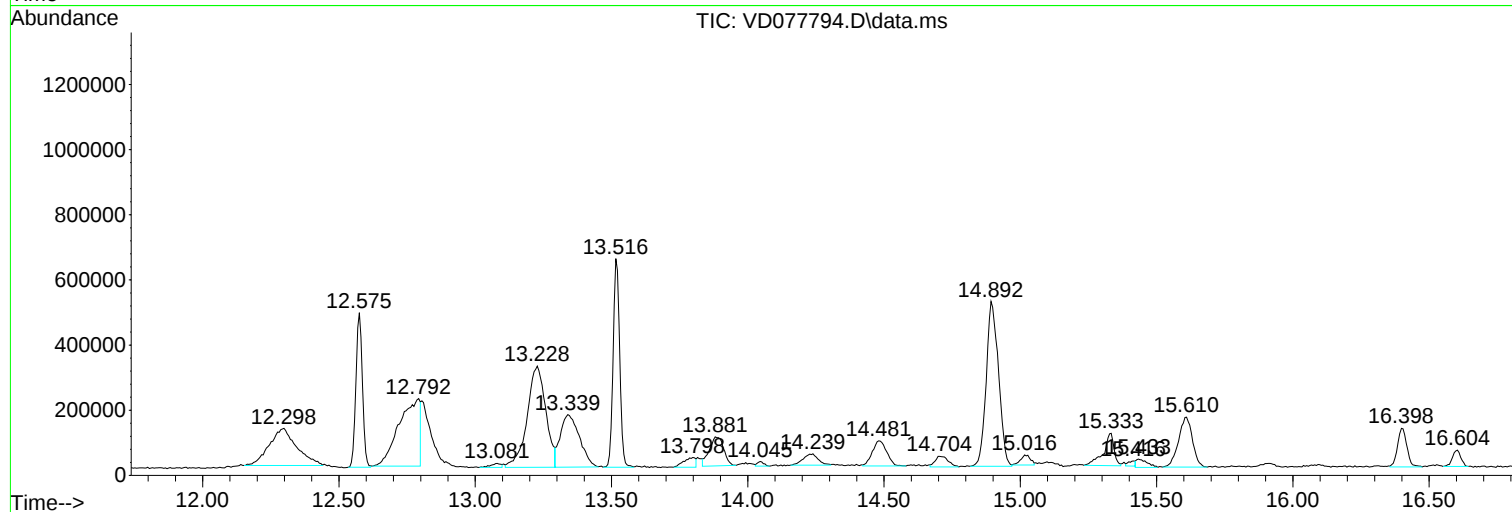
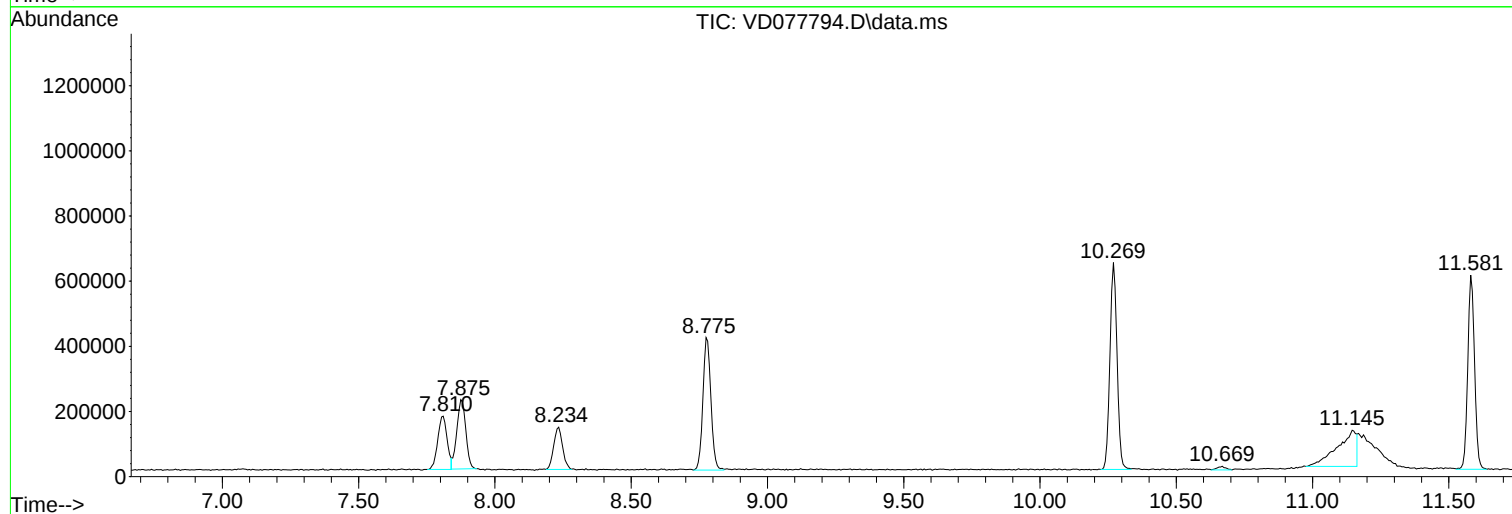
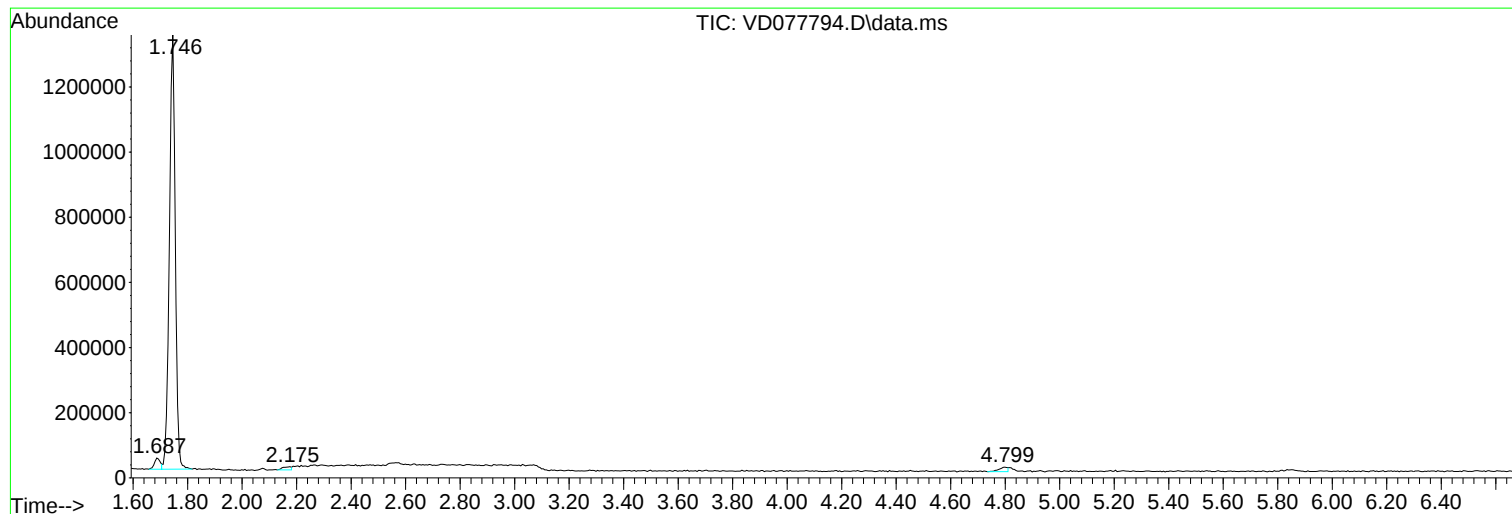
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ClientSampleId :
72-11985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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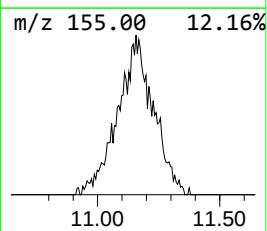
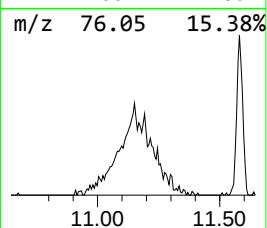
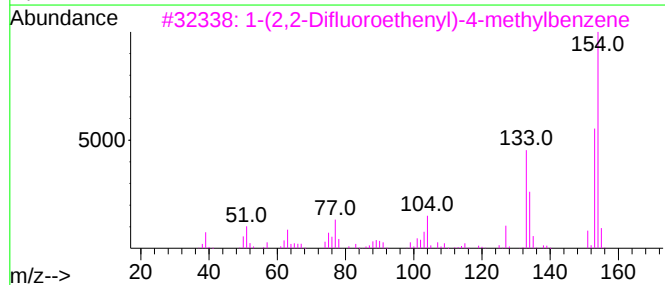
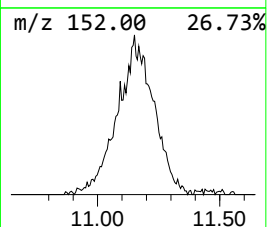
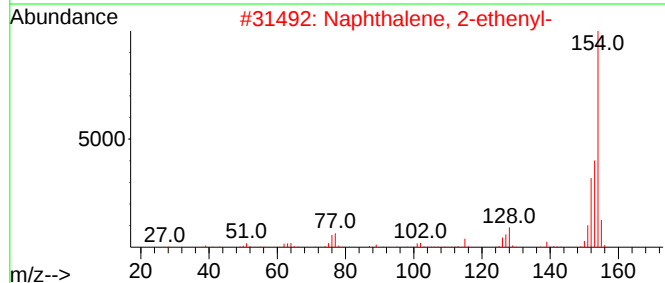
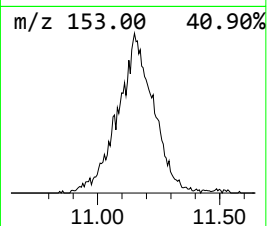
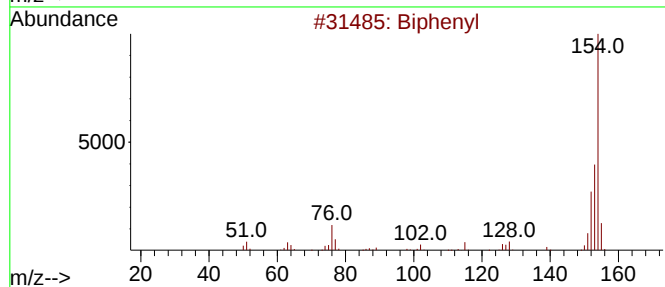
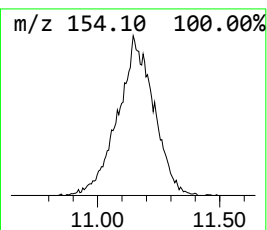
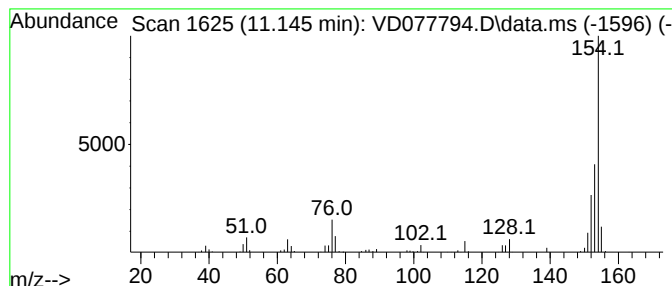
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Biphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	26.79 ug/l	555448	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenyl	154	C12H10	000092-52-4	95
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
3			1-(2,2-Difluoroethenyl)-4-methyl...	154	C9H8F2	1000305-64-2	53
4			Acenaphthene	154	C12H10	000083-32-9	53
5			1-Isoquinolinecarbonitrile	154	C10H6N2	001198-30-7	49



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Instrument :
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ClientSampleId :
72-11985

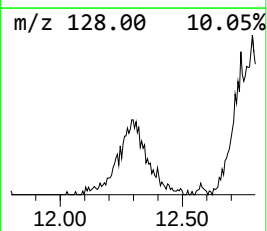
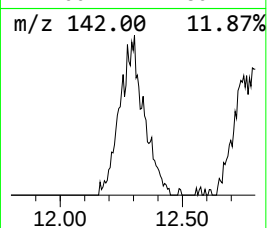
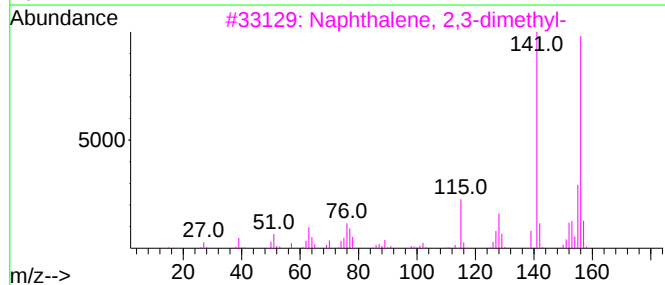
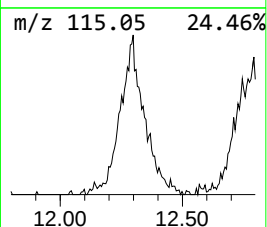
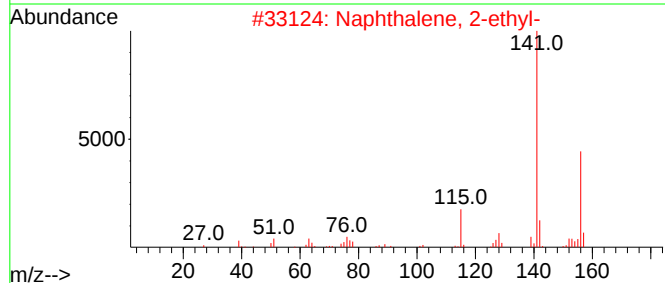
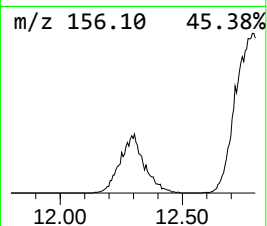
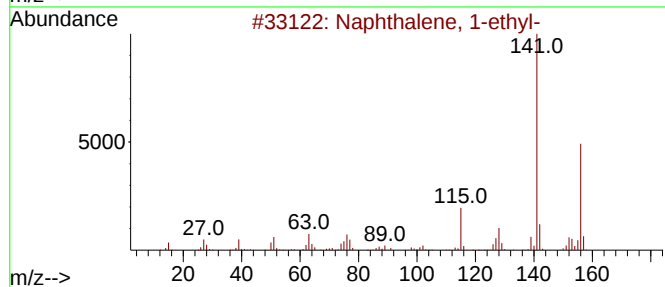
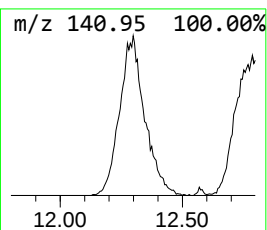
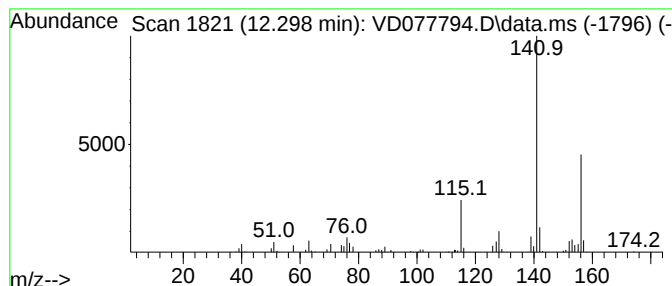
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.298	38.69 ug/l	802128	Chlorobenzene-d5	11.581

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	86
4			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



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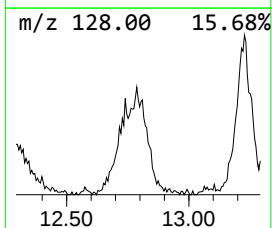
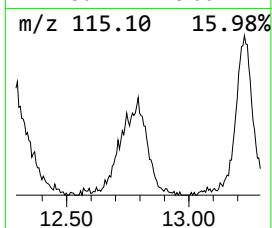
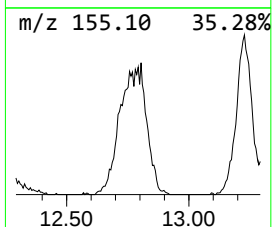
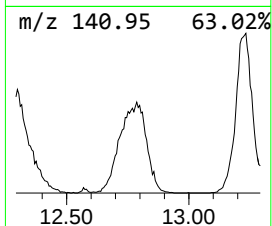
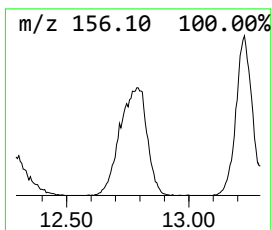
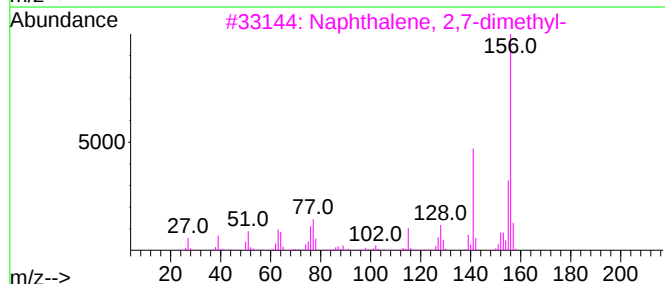
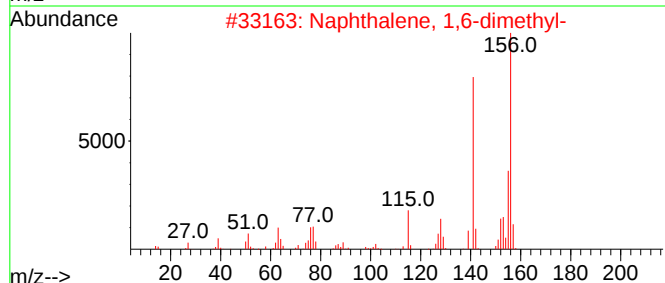
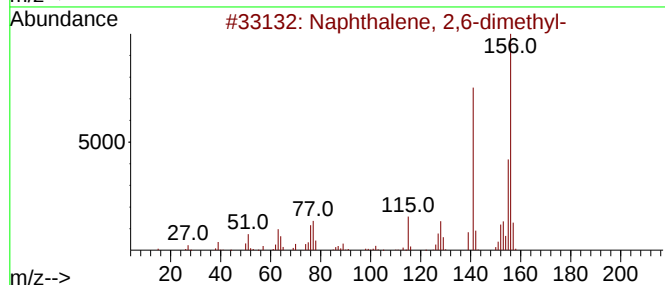
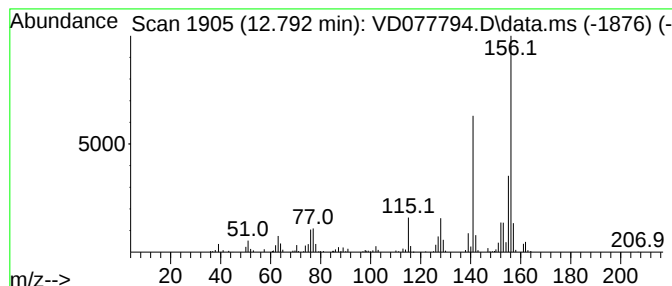
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.792	51.92 ug/l	1115110	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
72-11985

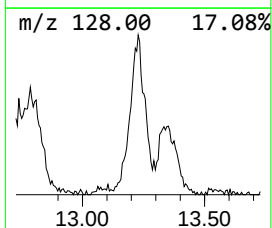
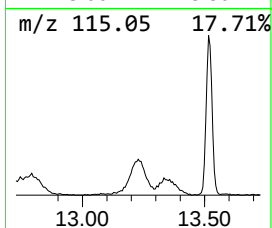
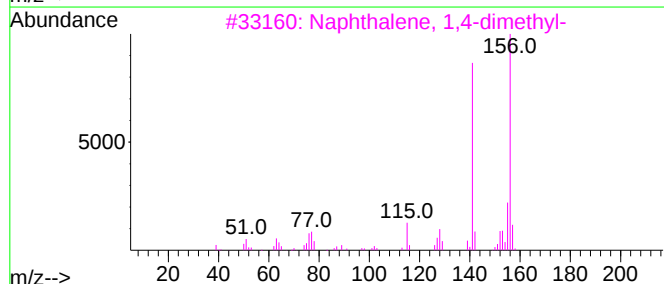
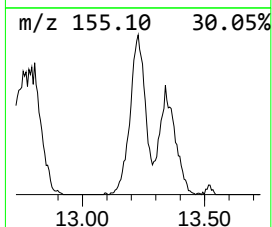
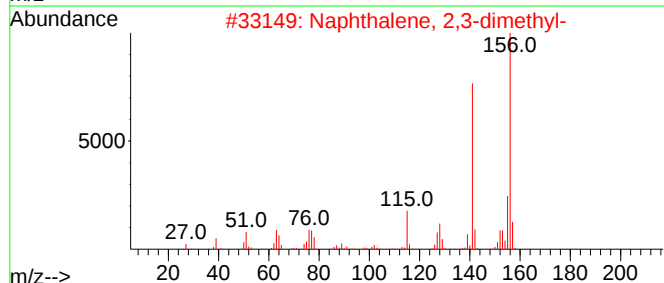
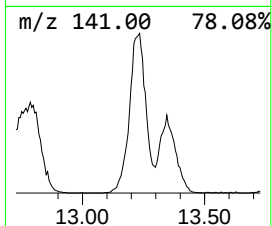
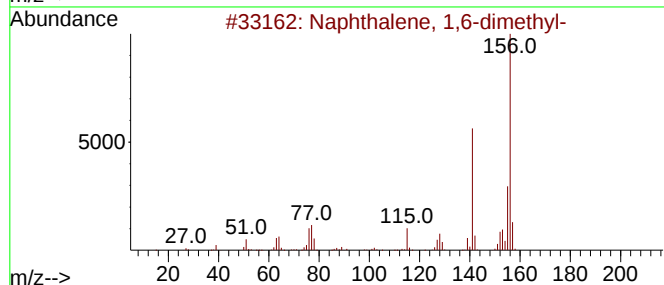
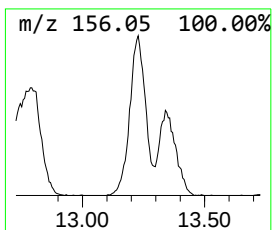
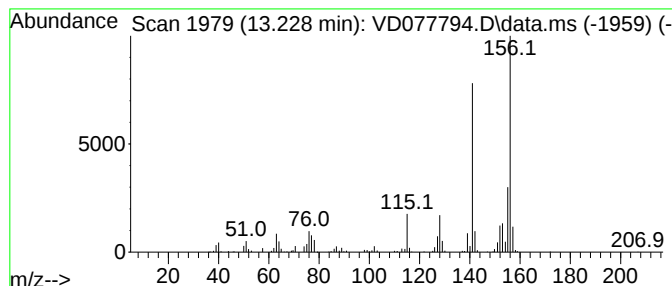
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.228	69.09 ug/l	1484010	1,4-Dichlorobenzene-d4	13.522

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



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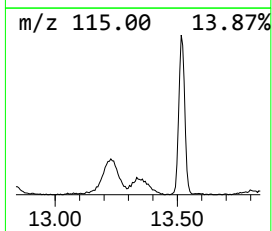
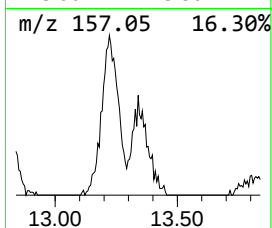
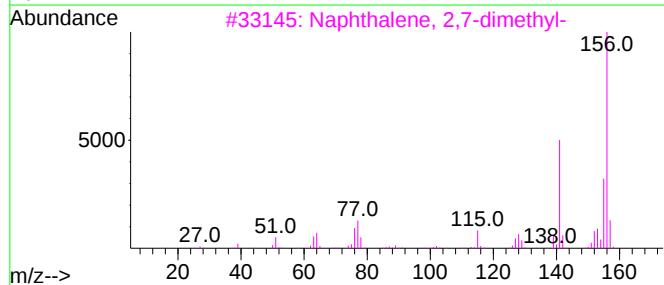
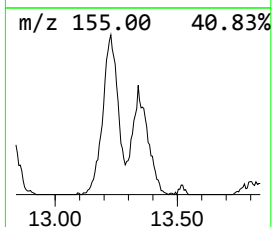
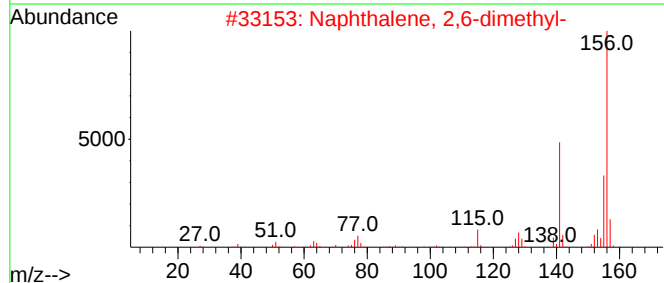
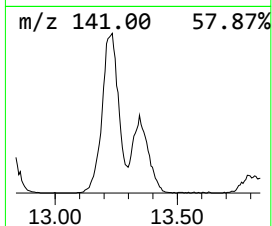
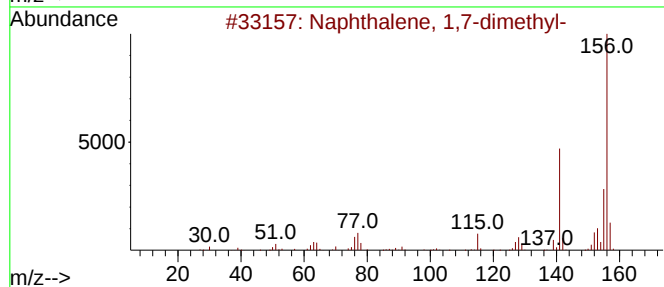
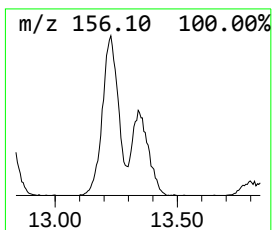
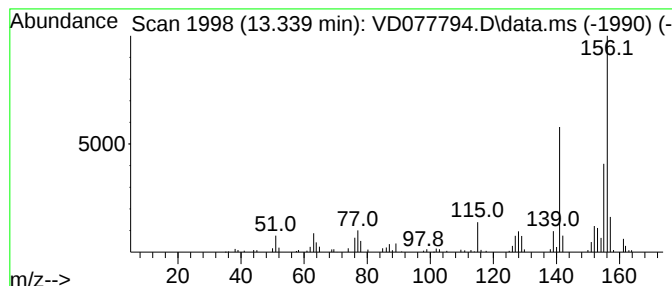
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.339	36.22 ug/l	777892	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



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MSVOA_D
ClientSampleId :
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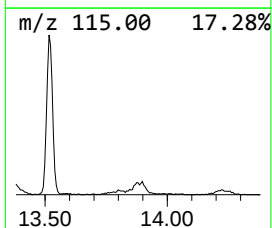
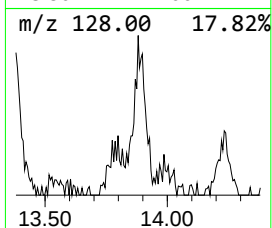
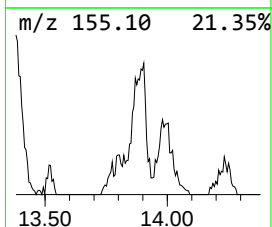
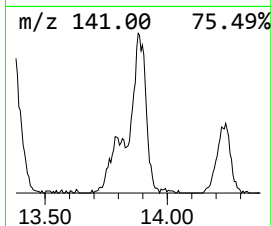
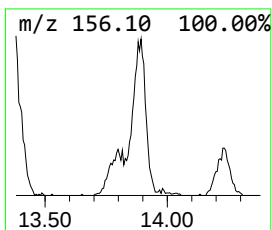
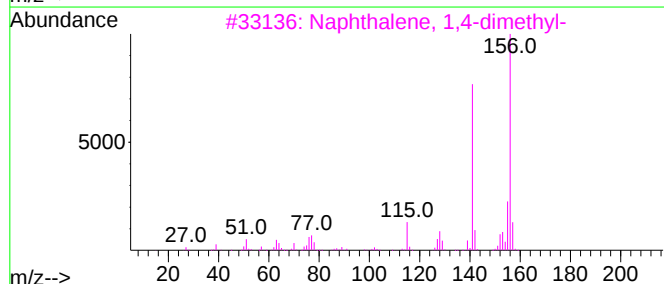
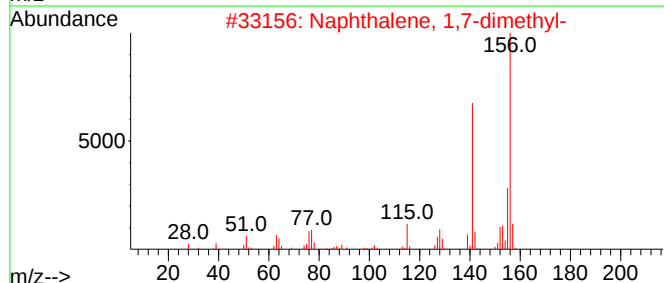
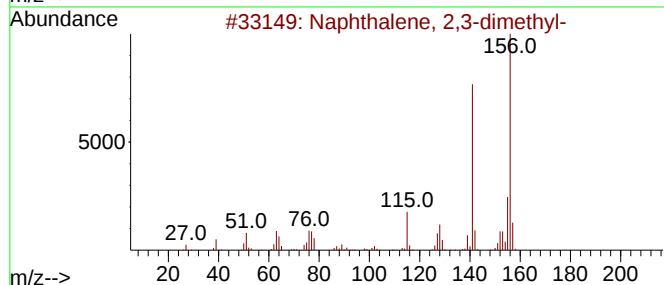
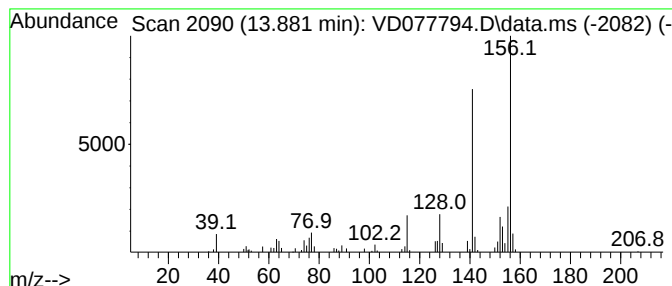
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.881	15.08 ug/l	323906	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
Data File : VD077794.D
Acq On : 08 Dec 2023 16:26
Operator : JC/SY
Sample : 05629-04
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11985

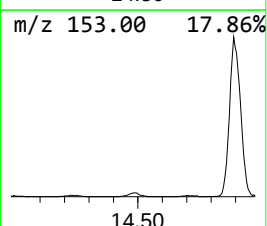
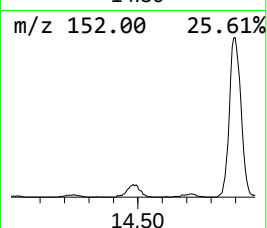
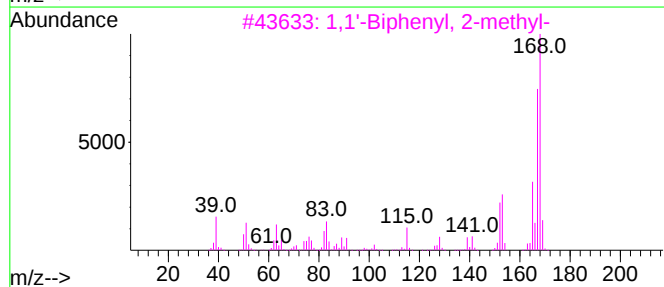
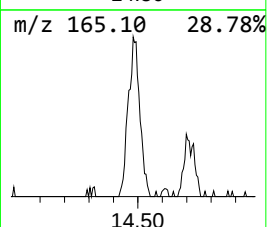
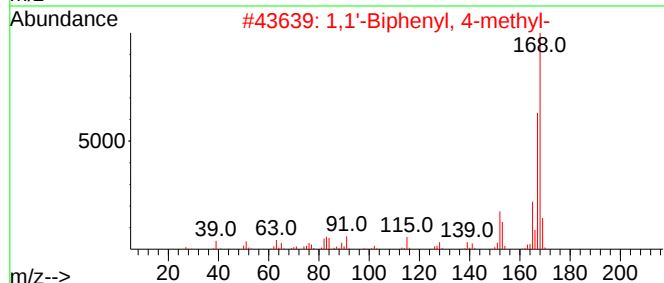
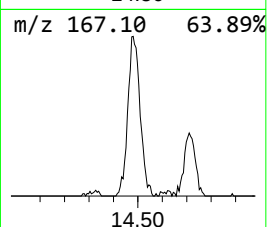
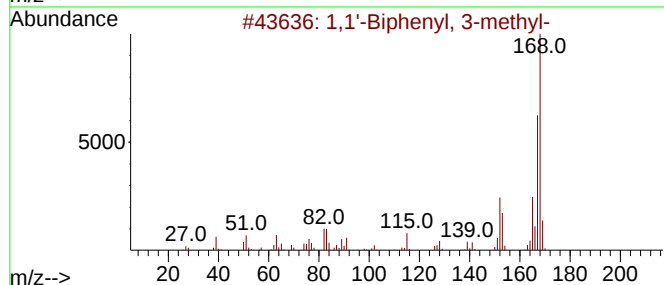
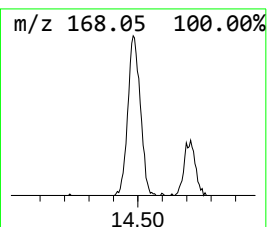
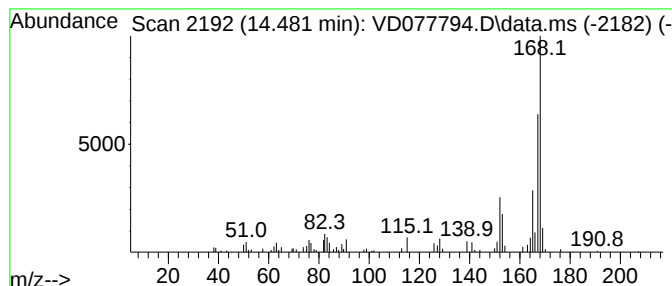
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.480	13.03 ug/l	279844	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	96
2			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	95
4			Diphenylmethane	168	C13H12	000101-81-5	72
5			Nordiphenamid	225	C15H15NO	000954-21-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
Data File : VD077794.D
Acq On : 08 Dec 2023 16:26
Operator : JC/SY
Sample : 05629-04
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11985

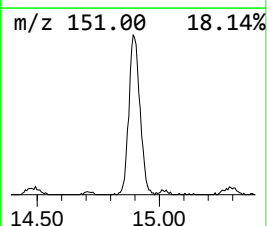
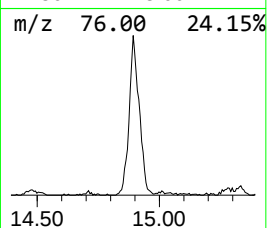
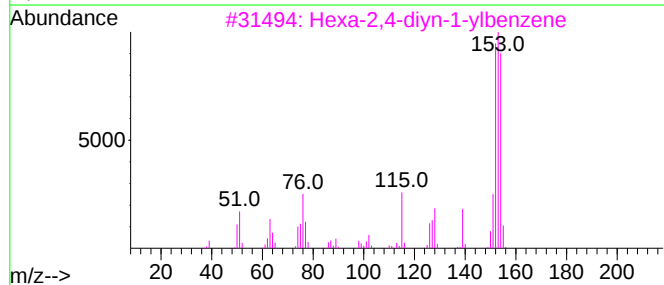
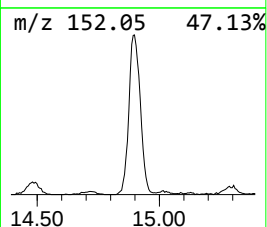
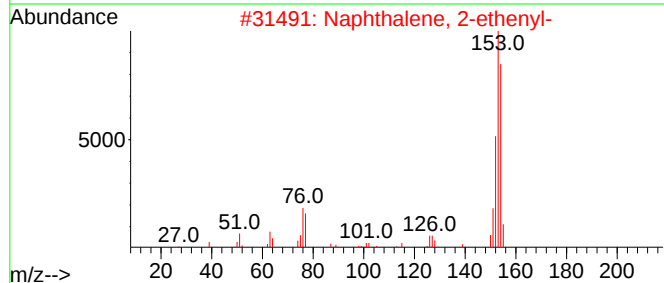
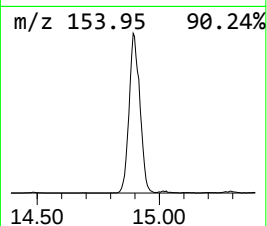
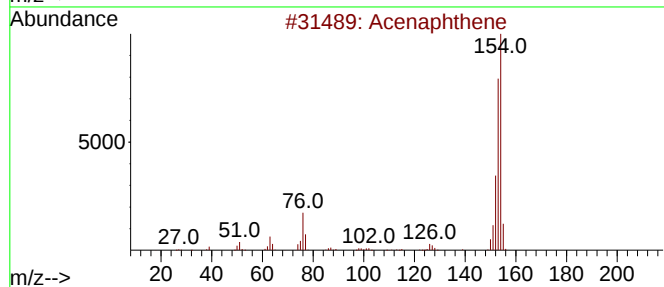
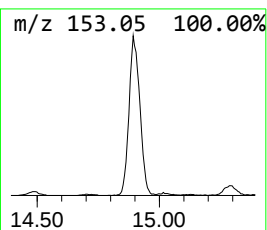
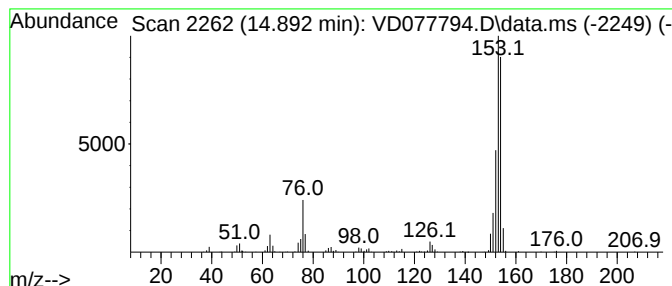
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Acenaphthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	73.71 ug/l	1583180	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	59
4			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	50
5			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
Data File : VD077794.D
Acq On : 08 Dec 2023 16:26
Operator : JC/SY
Sample : 05629-04
Misc : 5.03G/5.0ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
72-11985

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Biphenyl	11.145	26.8	ug/l	555448	3	11.581	1036730	50.0
Naphthalene, 1-...	12.298	38.7	ug/l	802128	3	11.581	1036730	50.0
Naphthalene, 2,...	12.792	51.9	ug/l	1115110	4	13.522	1073890	50.0
Naphthalene, 1,...	13.228	69.1	ug/l	1484010	4	13.522	1073890	50.0
Naphthalene, 1,...	13.339	36.2	ug/l	777892	4	13.522	1073890	50.0
Naphthalene, 2,...	13.881	15.1	ug/l	323906	4	13.522	1073890	50.0
1,1'-Biphenyl, ...	14.480	13.0	ug/l	279844	4	13.522	1073890	50.0
Acenaphthene	14.892	73.7	ug/l	1583180	4	13.522	1073890	50.0