

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072313.D
 Acq On : 19 Mar 2022 03:10
 Operator : VA/SY
 Sample : N1993-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-03162022

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\82D031122S.M
 Title : SW846 8260

Signal : TIC: VD072313.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.962	507	517	527	rVB5	13501	41069	2.49%	0.353%
2	7.909	1009	1018	1023	rBV2	188060	438053	26.54%	3.768%
3	7.973	1023	1029	1039	rVB2	328721	753896	45.68%	6.485%
4	8.326	1081	1089	1101	rBV2	186078	408461	24.75%	3.514%
5	8.861	1170	1180	1191	rBV	482908	981934	59.50%	8.447%
6	10.332	1422	1430	1439	rBV	761180	1416701	85.84%	12.187%
7	11.526	1627	1633	1637	rBV5	8512	18285	1.11%	0.157%
8	11.638	1643	1652	1663	rBV	850721	1472435	89.22%	12.666%
9	11.738	1663	1669	1674	rBV2	20319	37440	2.27%	0.322%
10	11.844	1683	1687	1693	rBV4	10497	19347	1.17%	0.166%
11	12.161	1731	1741	1743	rBV7	8123	21035	1.27%	0.181%
12	12.502	1786	1799	1800	rBV4	44707	124708	7.56%	1.073%
13	12.620	1813	1819	1830	rVB	727521	1265404	76.67%	10.886%
14	12.944	1858	1874	1879	rBV6	87718	327954	19.87%	2.821%
15	13.255	1923	1927	1932	rBV2	30337	50238	3.04%	0.432%
16	13.373	1934	1947	1958	rVV2	101455	434420	26.32%	3.737%
17	13.502	1959	1969	1973	rVV5	62661	217441	13.18%	1.871%
18	13.561	1973	1979	1990	rVB	975327	1650402	100.00%	14.197%
19	13.726	1998	2007	2009	rBV10	11074	24085	1.46%	0.207%
20	13.767	2010	2014	2016	rVV5	15512	21359	1.29%	0.184%
21	13.796	2017	2019	2027	rVB5	21710	33958	2.06%	0.292%
22	13.896	2027	2036	2038	rBV7	18001	38995	2.36%	0.335%
23	13.996	2045	2053	2066	rVB4	36583	132888	8.05%	1.143%
24	14.102	2066	2071	2080	rVB2	24805	48399	2.93%	0.416%
25	14.338	2101	2111	2118	rBV7	27574	88868	5.38%	0.764%
26	14.579	2142	2152	2160	rVB5	26068	82707	5.01%	0.711%
27	14.696	2167	2172	2178	rBV8	13141	25924	1.57%	0.223%
28	14.796	2181	2189	2196	rVV8	19035	54018	3.27%	0.465%
29	14.979	2209	2220	2232	rBV3	156156	570268	34.55%	4.906%
30	15.108	2232	2242	2251	rVV3	29293	120502	7.30%	1.037%
31	15.191	2253	2256	2264	rVB10	11780	25674	1.56%	0.221%
32	15.379	2280	2288	2296	rVB	139147	275726	16.71%	2.372%
33	15.490	2300	2307	2309	rBV6	9685	20717	1.26%	0.178%
34	15.685	2336	2340	2353	rVB6	16386	46085	2.79%	0.396%
35	15.890	2368	2375	2379	rBV8	6944	16857	1.02%	0.145%
36	16.479	2467	2475	2482	rBV	74985	166597	10.09%	1.433%

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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-04-03162022

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\82D031122S.M
Title : SW846 8260

37	16.685	2503	2510	2519	rVB	64384	151802	9.20%	1.306%
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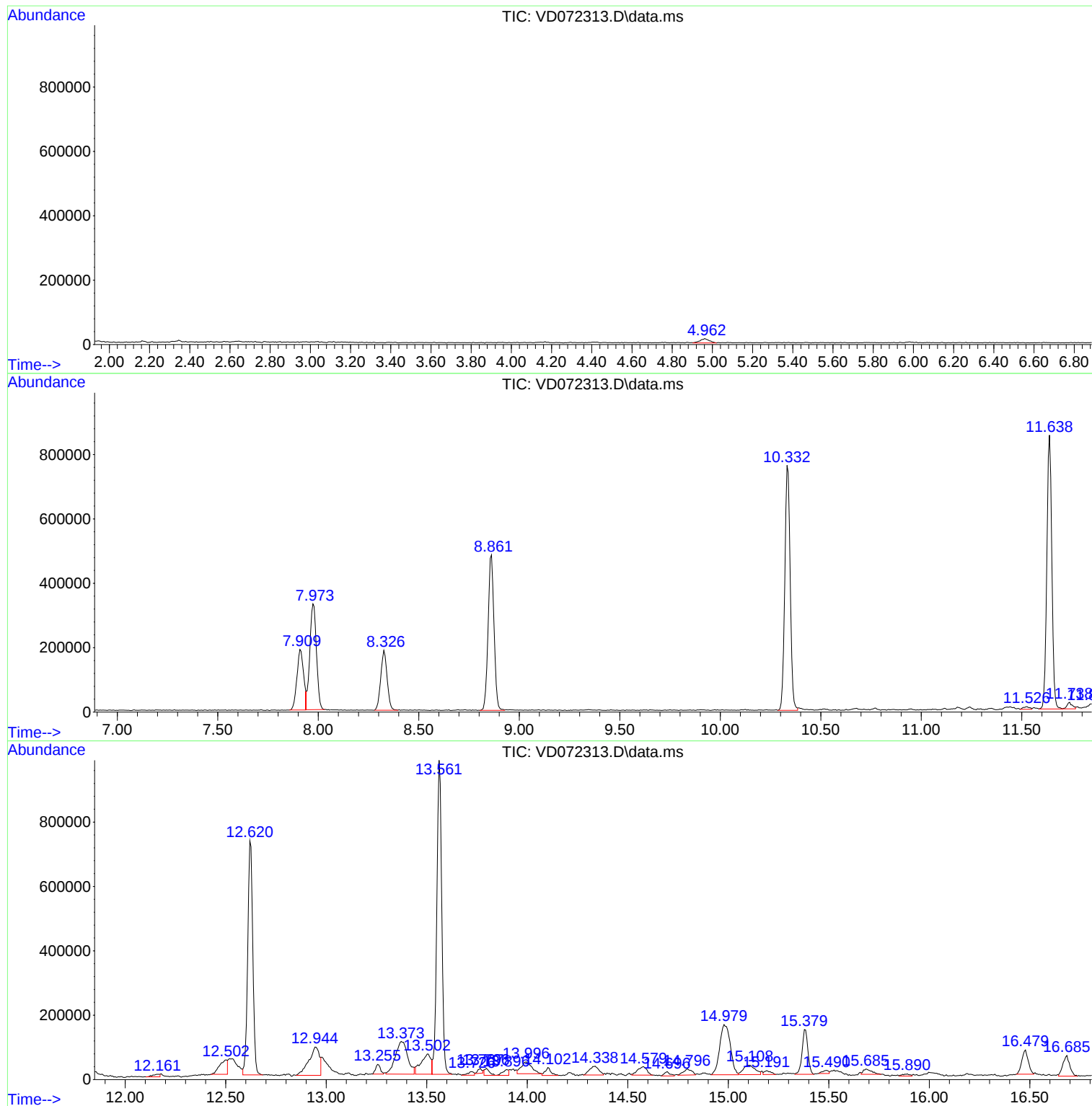
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_D
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TR-04-03162022

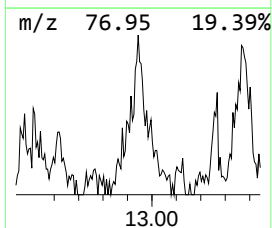
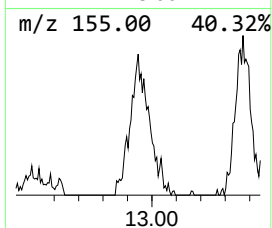
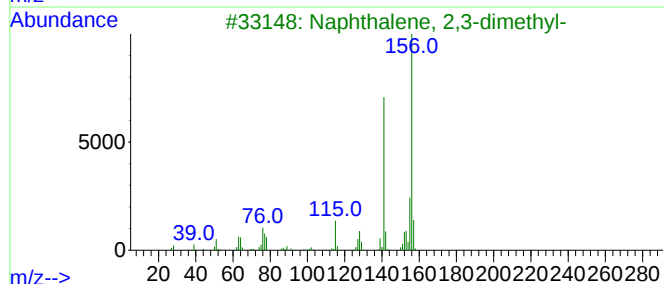
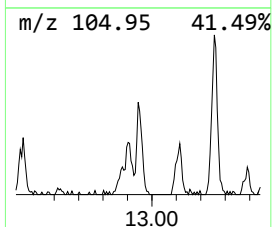
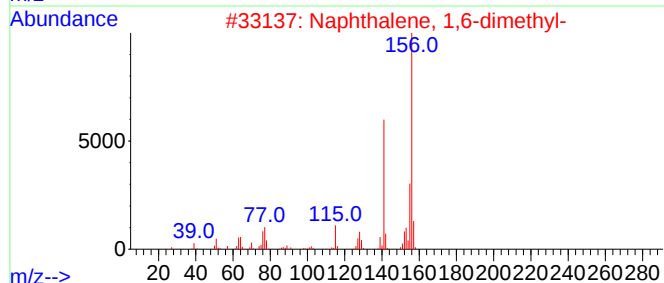
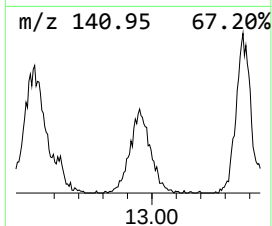
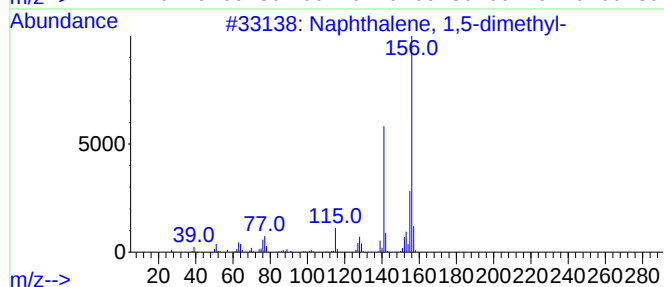
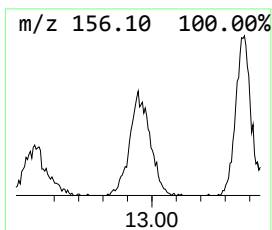
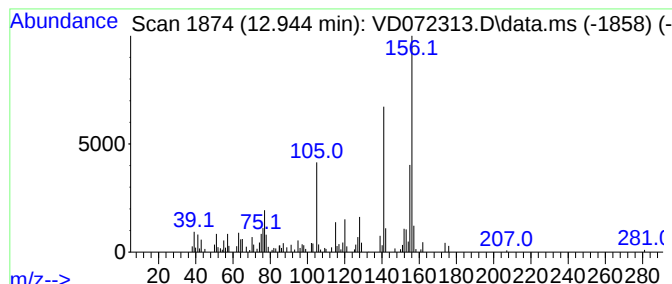
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.944	9.94 ug/l	327954	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
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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ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

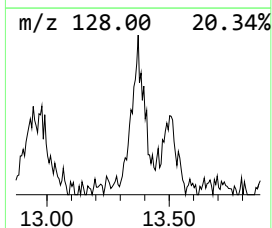
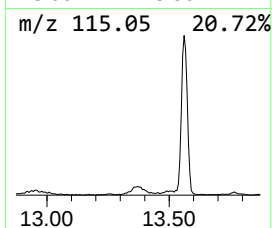
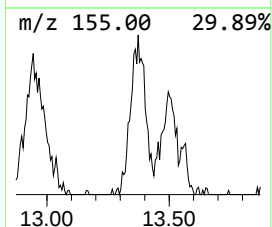
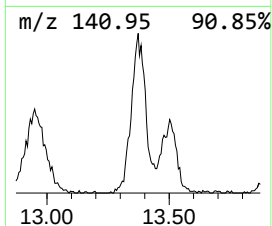
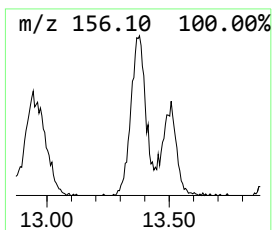
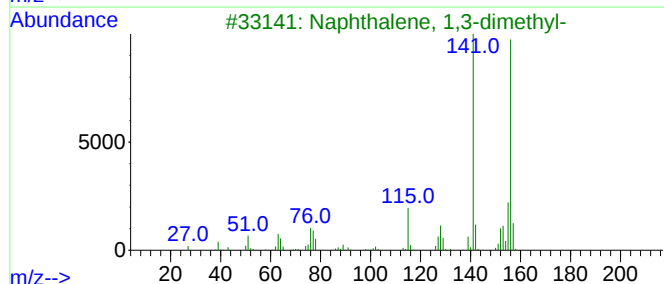
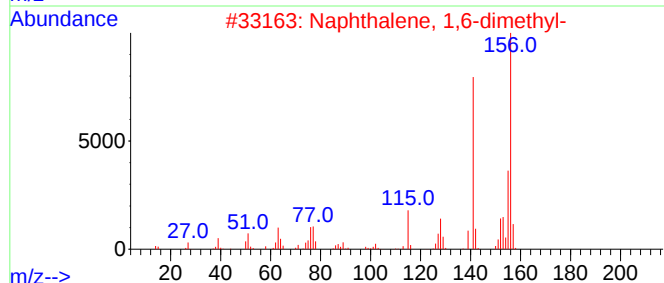
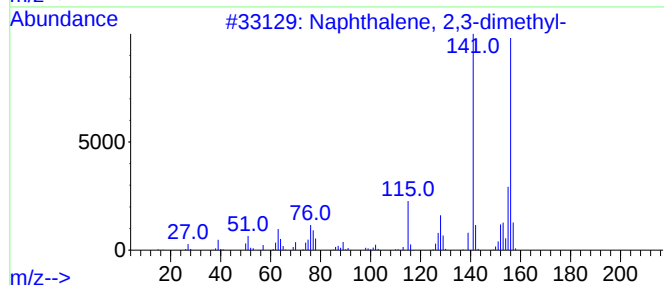
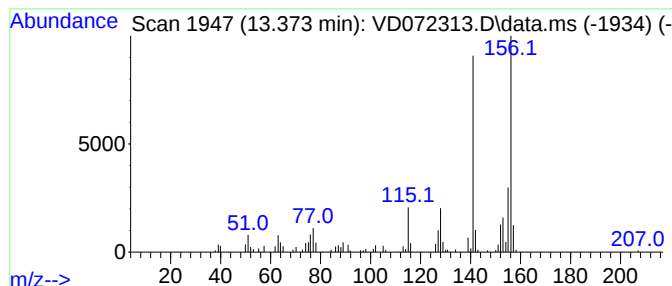
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	13.16 ug/l	434420	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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Operator : VA/SY
Sample : N1993-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

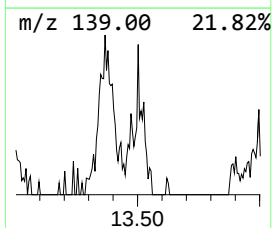
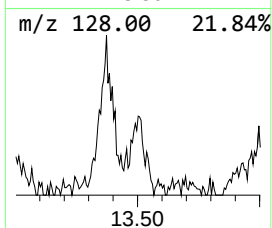
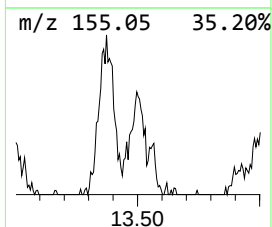
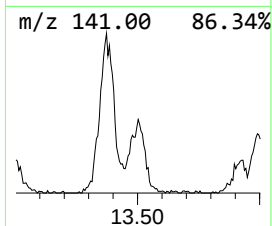
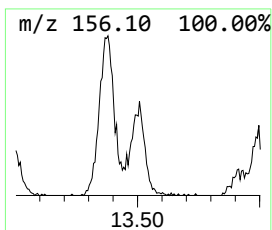
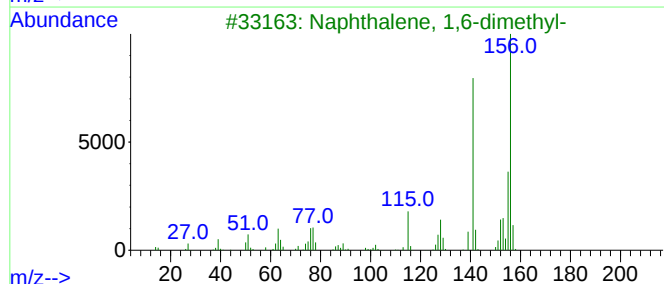
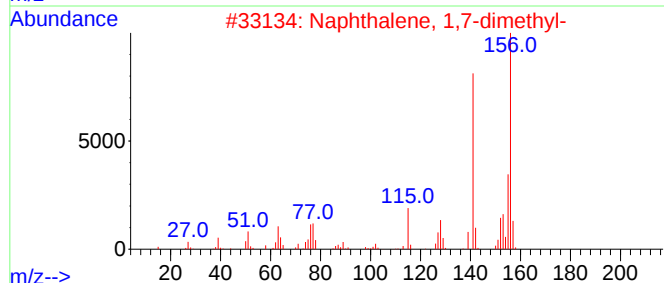
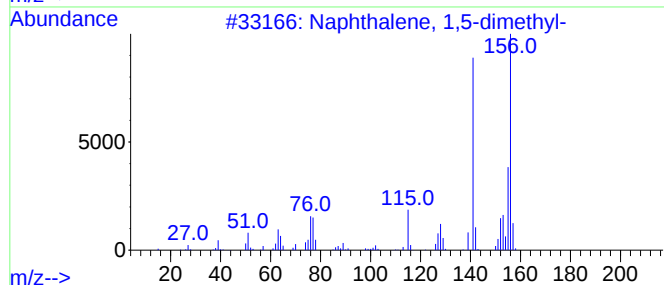
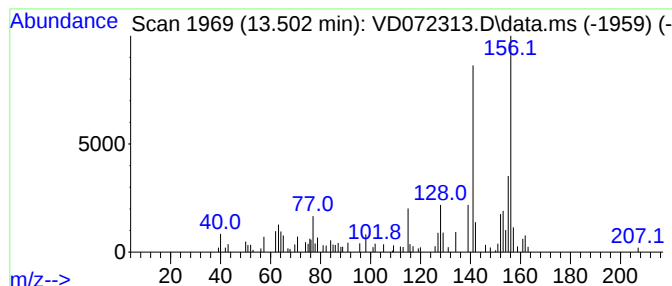
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.502	6.59 ug/l	217441	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92



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Sample : N1993-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

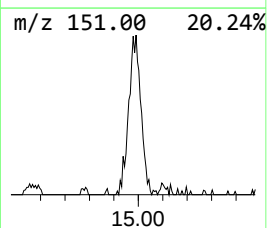
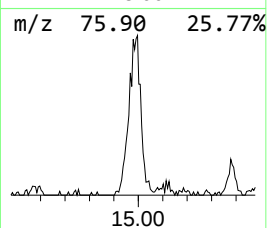
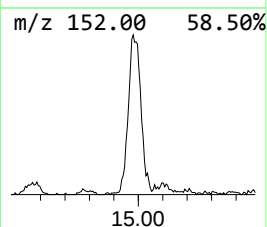
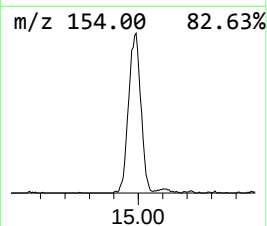
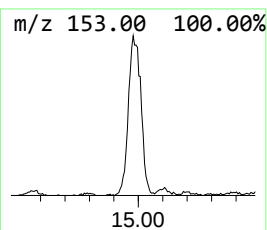
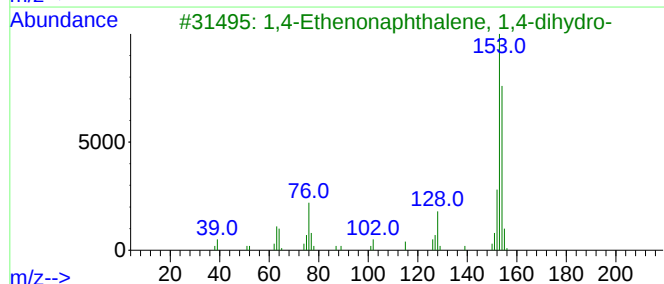
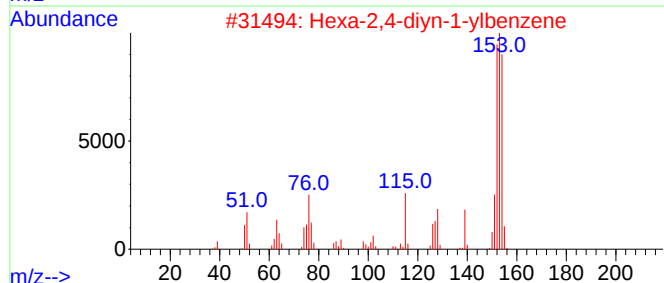
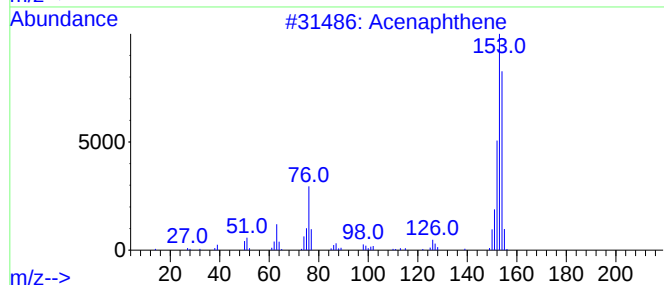
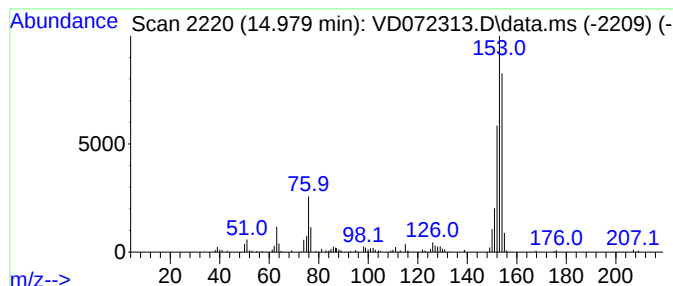
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

Peak Number 4 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.979	17.28 ug/l	570268	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	95
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	58
3			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
4			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5			2,4,6-Trihydroxybenzaldehyde	154	C7H6O4	000487-70-7	47



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ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

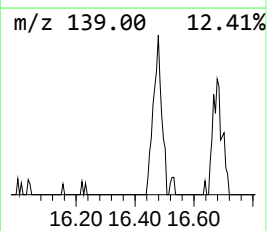
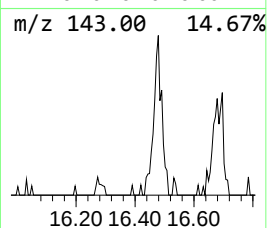
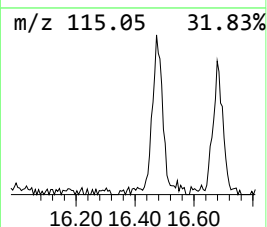
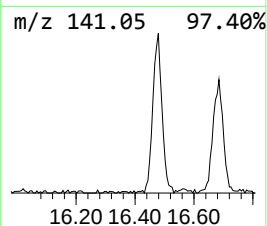
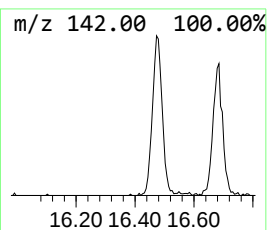
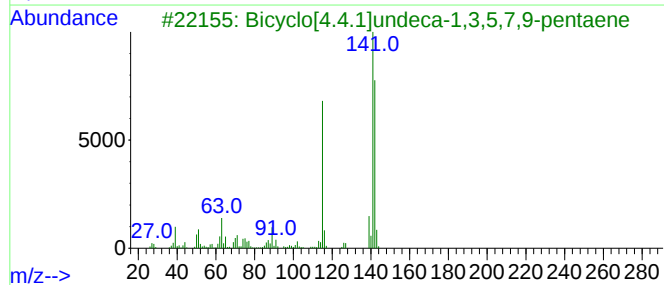
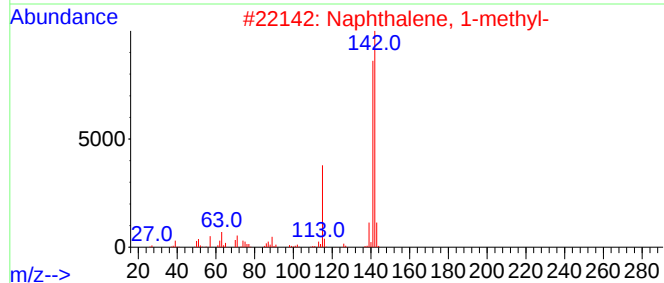
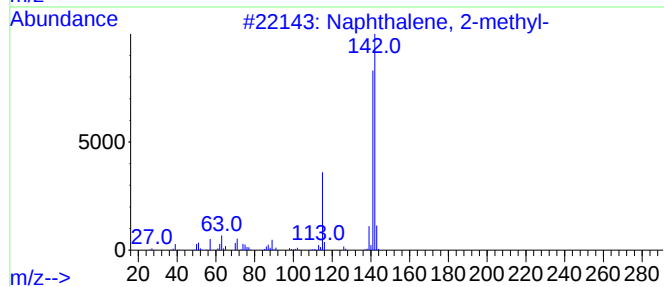
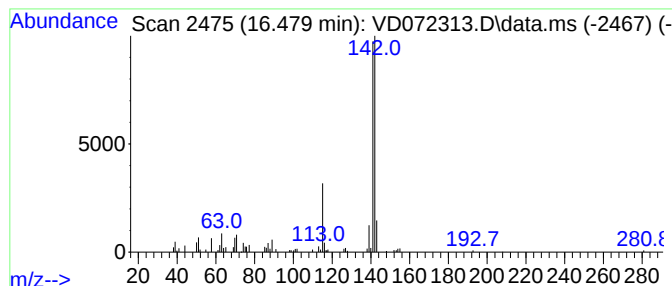
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

Peak Number 6 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.479	5.05 ug/l	166597	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072313.D
Acq On : 19 Mar 2022 03:10
Operator : VA/SY
Sample : N1993-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	12.944	9.9	ug/l	327954	4	13.561	1650400	50.0
Naphthalene, 2,...	13.373	13.2	ug/l	434420	4	13.561	1650400	50.0
Naphthalene, 1,...	13.502	6.6	ug/l	217441	4	13.561	1650400	50.0
Hexa-2,4-diyne-1...	14.979	17.3	ug/l	570268	4	13.561	1650400	50.0
Bicyclo[4.4.1]u...	16.479	5.0	ug/l	166597	4	13.561	1650400	50.0