

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072431.D
 Acq On : 25 Mar 2022 16:13
 Operator : VA/SY
 Sample : VIBLK
 Misc : 4.31G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

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: VD072431.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.908	1008	1018	1023	rBV	318880	765029	9.09%	1.391%
2	7.973	1023	1029	1039	rVB	682449	1518680	18.05%	2.762%
3	8.326	1078	1089	1100	rBV2	282254	709236	8.43%	1.290%
4	8.861	1171	1180	1192	rBV	947321	1958457	23.27%	3.562%
5	10.332	1423	1430	1438	rBV	1564840	2790588	33.16%	5.075%
6	11.638	1646	1652	1661	rVB	1647487	2798157	33.25%	5.089%
7	11.738	1665	1669	1679	rVB	95454	204548	2.43%	0.372%
8	12.526	1787	1803	1815	rBV	1440480	7833186	93.08%	14.245%
9	12.620	1815	1819	1830	rVB2	1610009	3084948	36.66%	5.610%
10	12.955	1857	1876	1878	rBV2	1467912	5498117	65.33%	9.999%
11	13.255	1923	1927	1932	rBV	115327	195377	2.32%	0.355%
12	13.373	1934	1947	1960	rVV	2000539	8415428	100.00%	15.304%
13	13.508	1963	1970	1975	rVV3	997820	3119129	37.06%	5.672%
14	13.561	1975	1979	1989	rVB	1891257	3283394	39.02%	5.971%
15	13.767	2009	2014	2030	rVB3	271824	835064	9.92%	1.519%
16	13.920	2030	2040	2045	rVV2	257656	879297	10.45%	1.599%
17	13.990	2046	2052	2065	rVV	542970	1971834	23.43%	3.586%
18	14.102	2066	2071	2083	rVV5	181178	502551	5.97%	0.914%
19	14.338	2101	2111	2124	rBV2	298899	975831	11.60%	1.775%
20	14.579	2144	2152	2162	rVB6	144176	435199	5.17%	0.791%
21	14.702	2168	2173	2178	rVB2	55957	90388	1.07%	0.164%
22	14.802	2183	2190	2197	rVB6	74757	197304	2.34%	0.359%
23	14.990	2209	2222	2233	rVB	1229173	4178047	49.65%	7.598%
24	15.108	2233	2242	2251	rBV2	109212	386550	4.59%	0.703%
25	15.385	2280	2289	2297	rVB	438847	890184	10.58%	1.619%
26	15.496	2299	2308	2311	rBV6	43449	124608	1.48%	0.227%
27	15.696	2331	2342	2351	rBV8	48650	192468	2.29%	0.350%
28	16.479	2469	2475	2486	rVB4	46361	122720	1.46%	0.223%
29	16.684	2501	2510	2523	rVB	433712	1031175	12.25%	1.875%

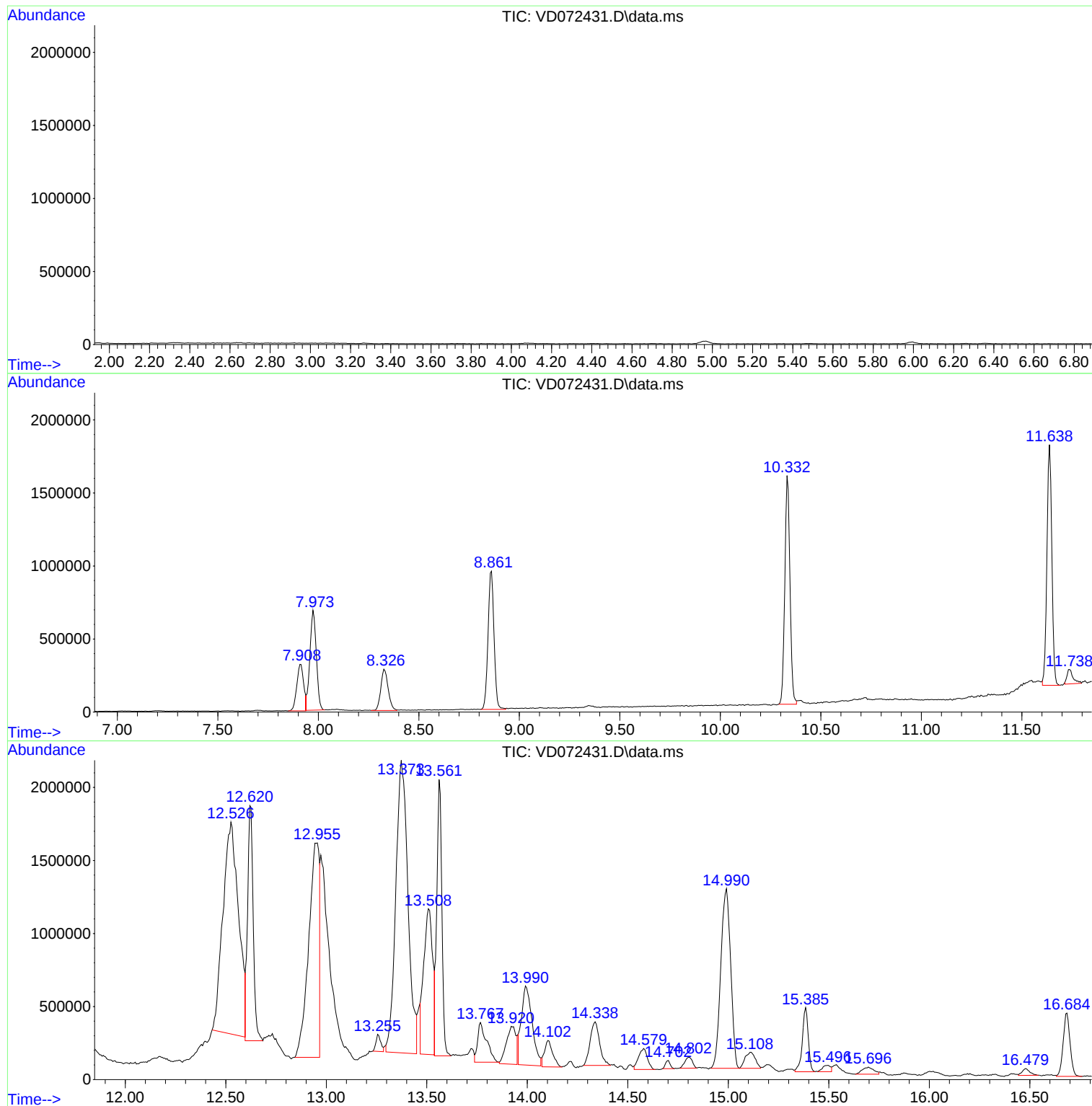
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

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 :
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ClientSampleId :
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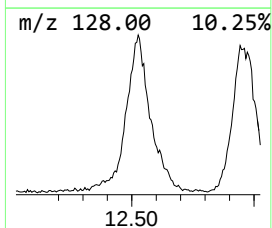
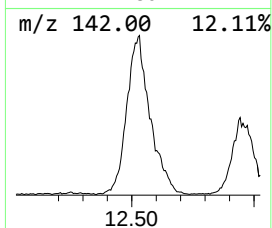
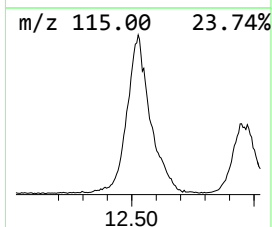
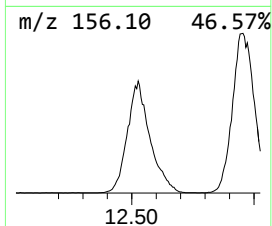
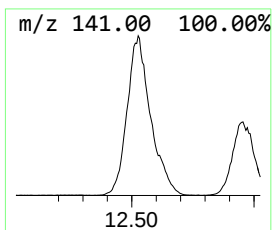
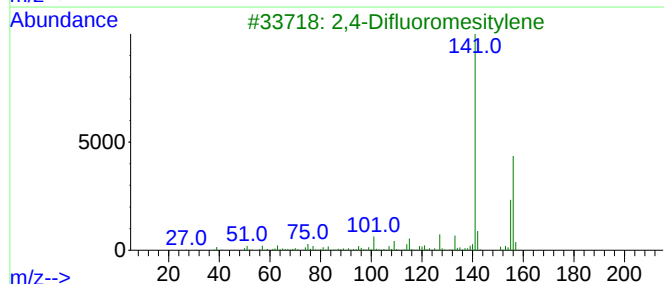
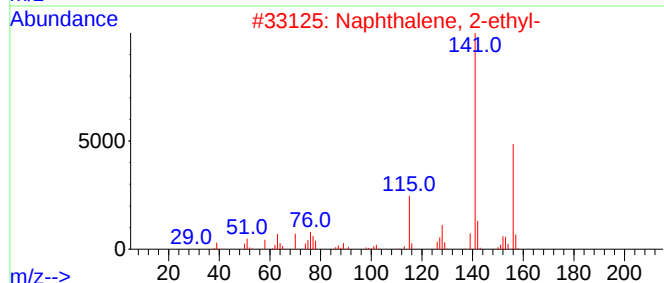
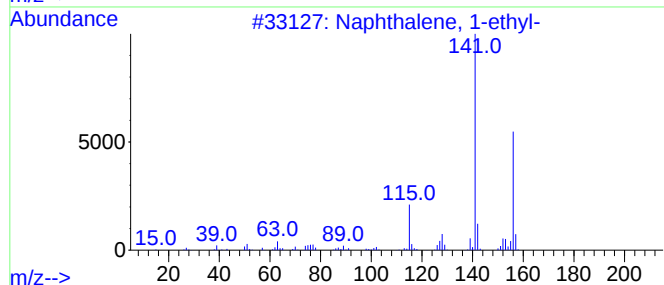
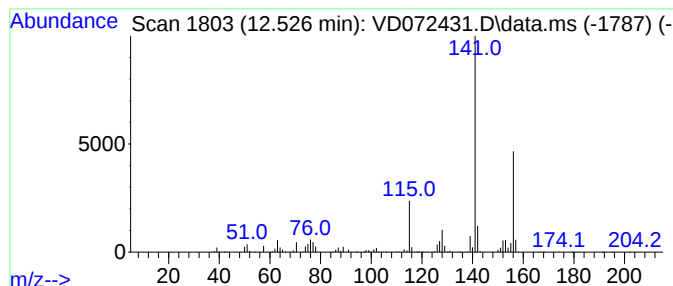
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.526	139.97 ug/l	7833190	Chlorobenzene-d5	11.638

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	96
3			2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
4			Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
5			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59



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MSVOA_D
ClientSampleId :
VIBLK

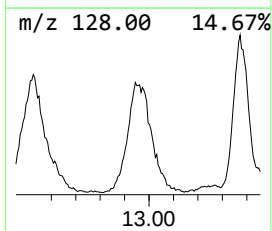
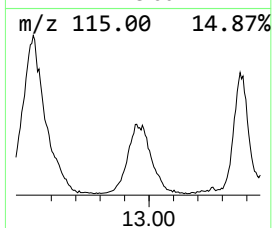
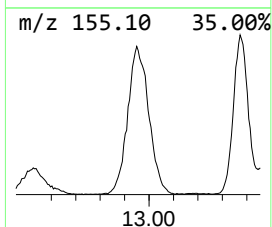
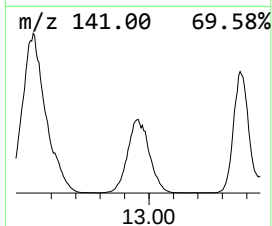
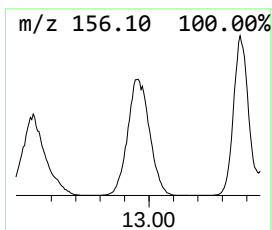
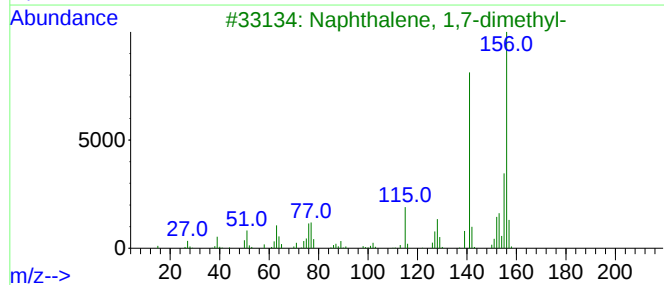
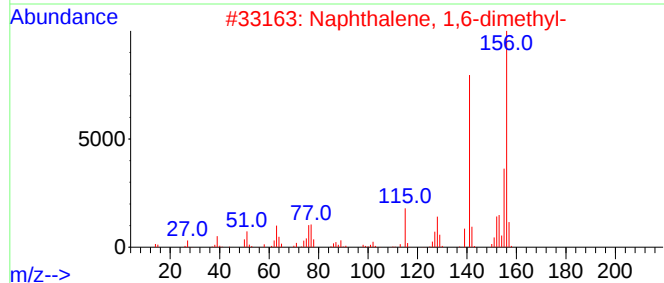
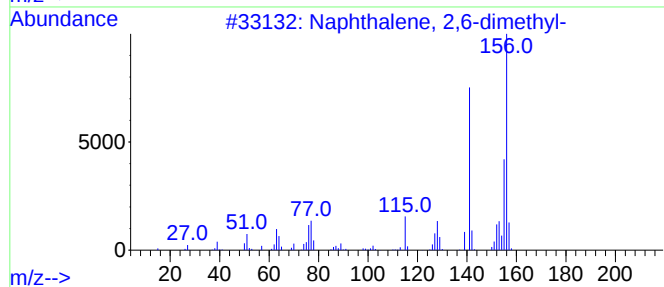
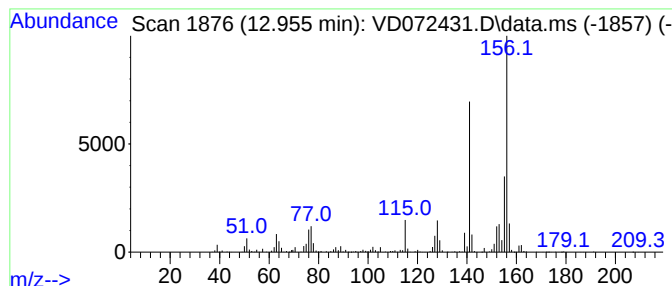
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Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.955	83.73 ug/l	5498120	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



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Misc : 4.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

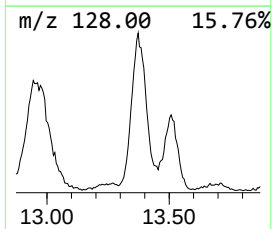
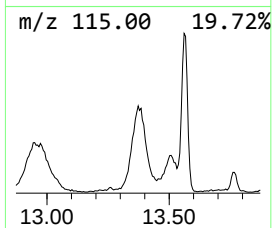
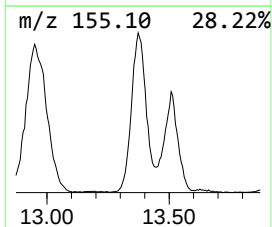
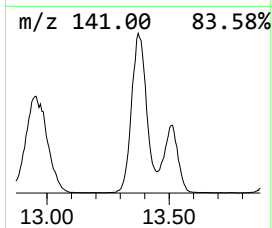
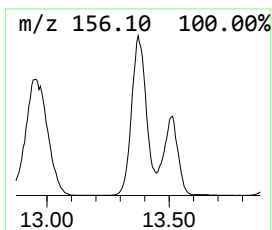
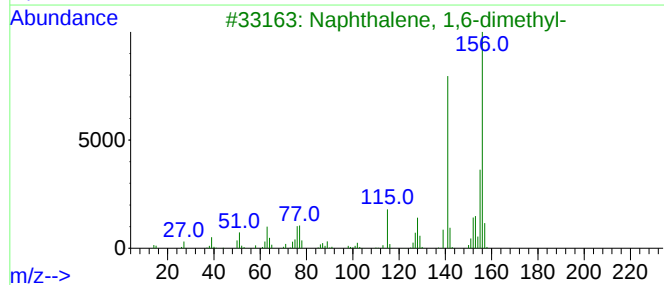
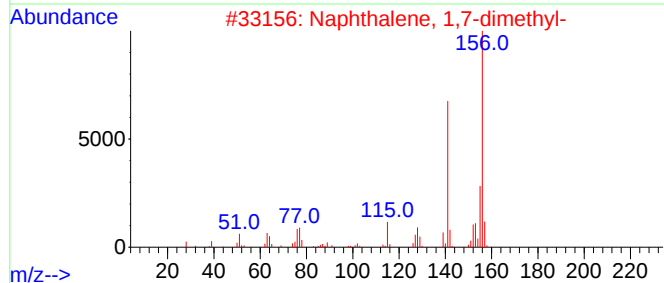
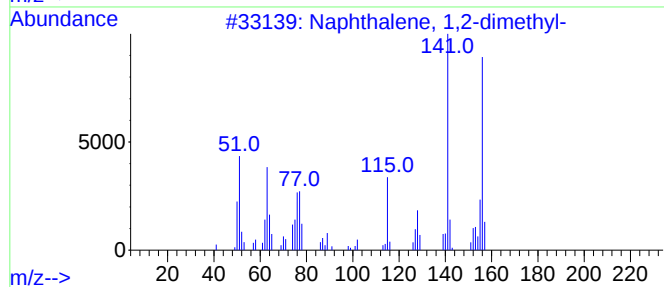
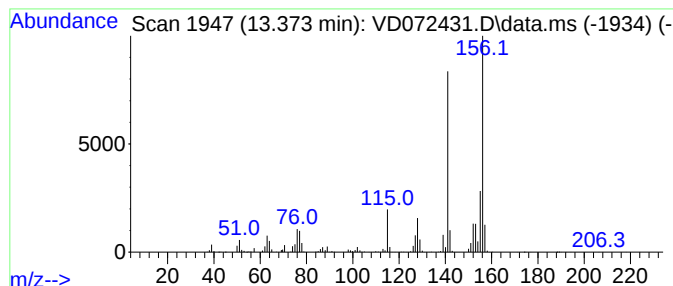
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.373	128.15 ug/l	8415430	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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Misc : 4.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VIBLK

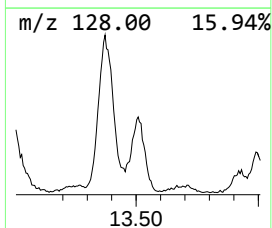
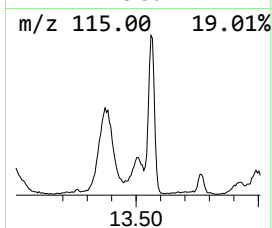
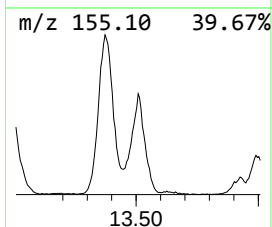
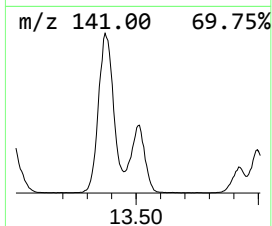
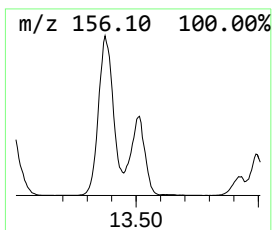
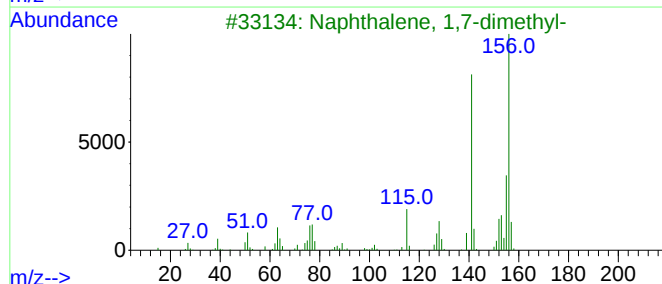
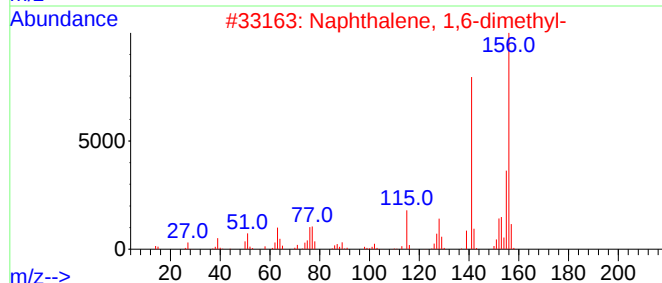
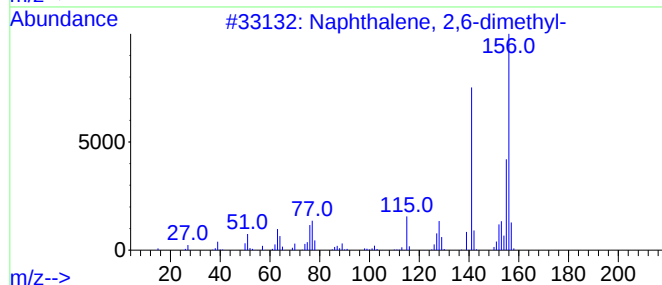
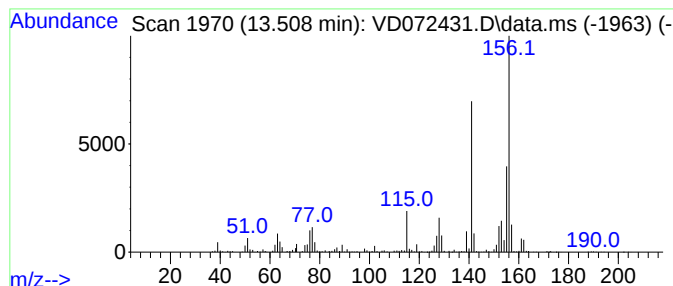
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.508	47.50 ug/l	3119130	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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ClientSampleId :
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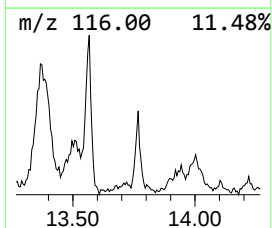
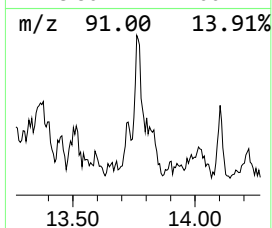
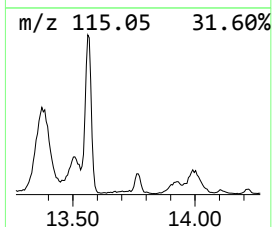
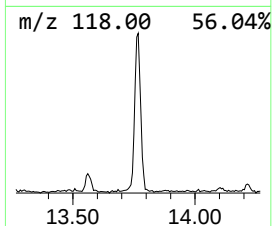
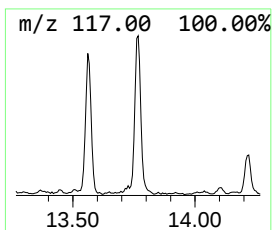
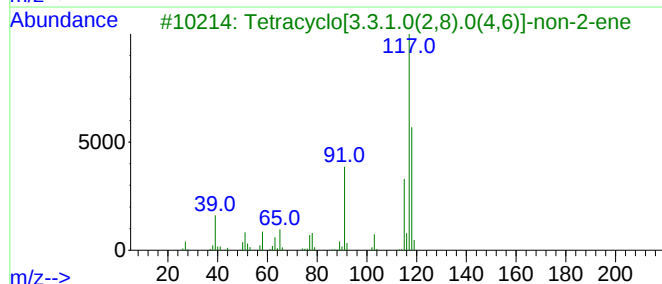
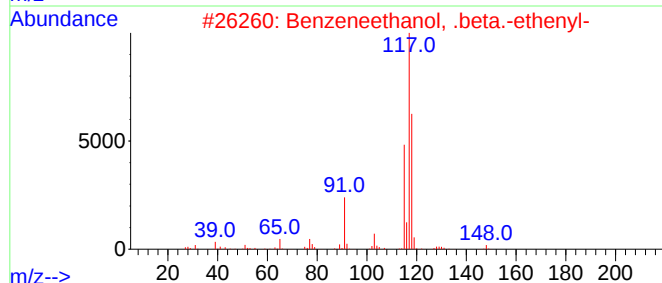
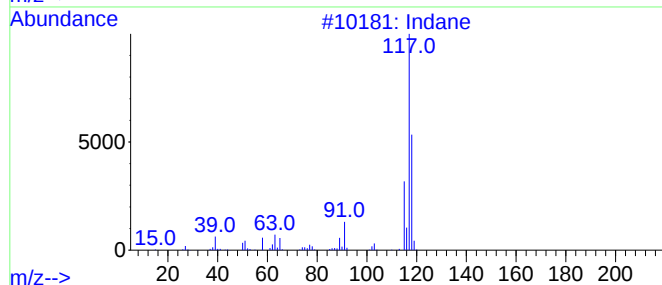
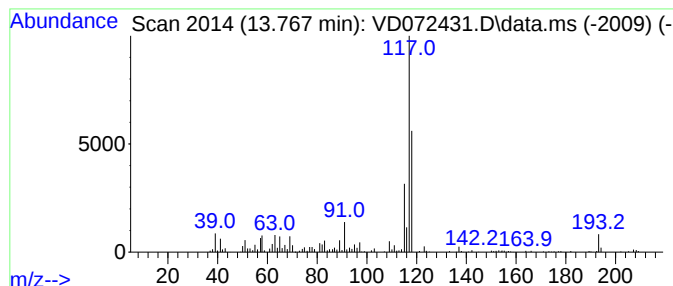
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Quant Title : SW846 8260

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

Peak Number 5 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.767	12.72 ug/l	835064	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	76
2			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	59
5			3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	50



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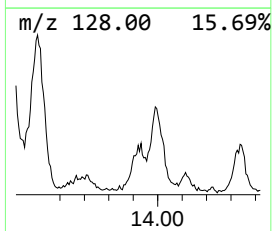
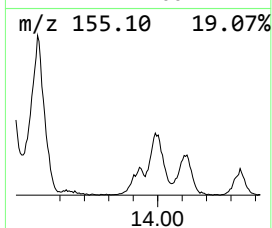
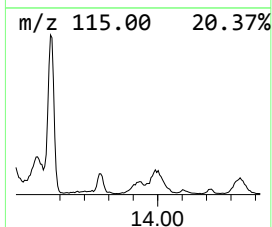
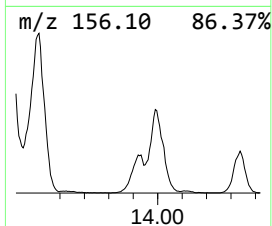
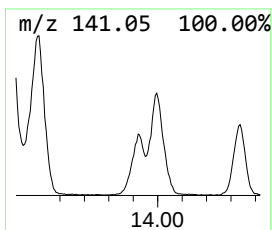
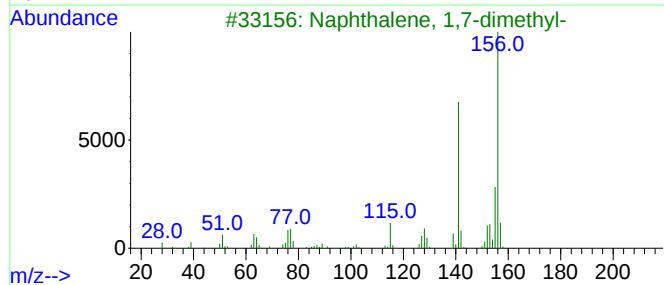
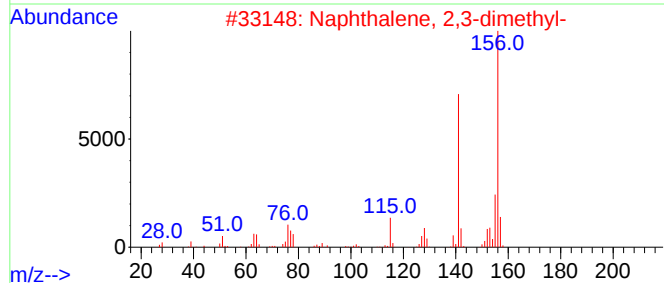
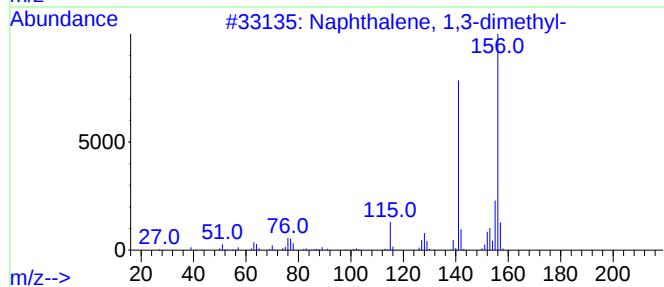
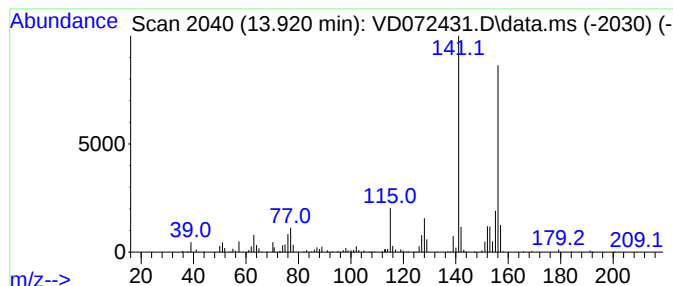
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.920	13.39 ug/l	879297	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072431.D
Acq On : 25 Mar 2022 16:13
Operator : VA/SY
Sample : VIBLK
Misc : 4.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

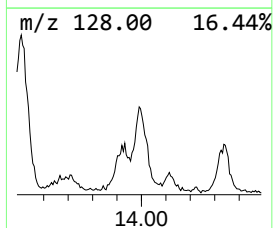
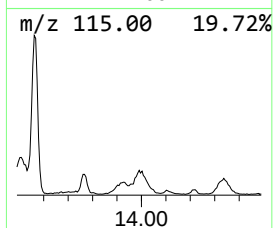
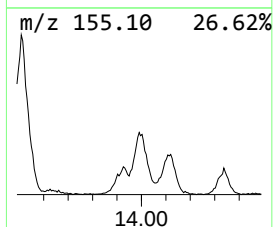
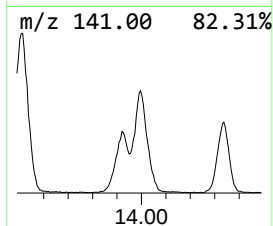
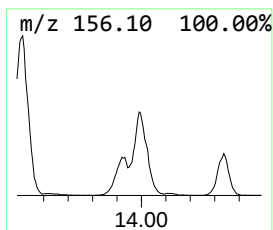
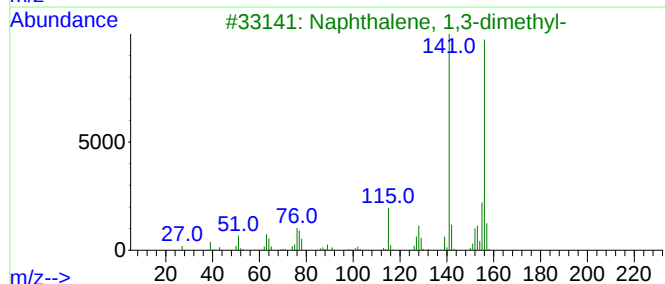
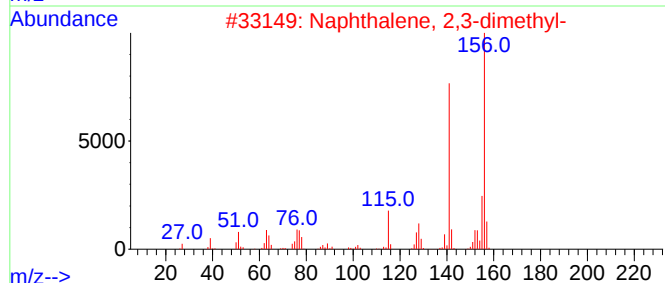
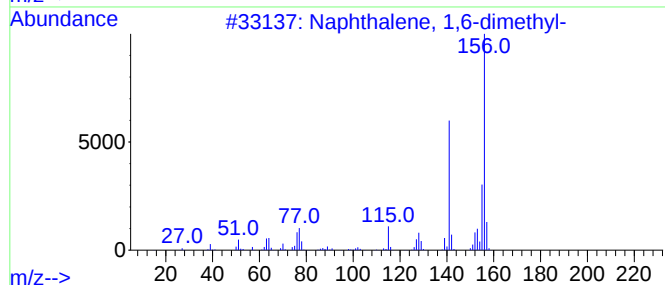
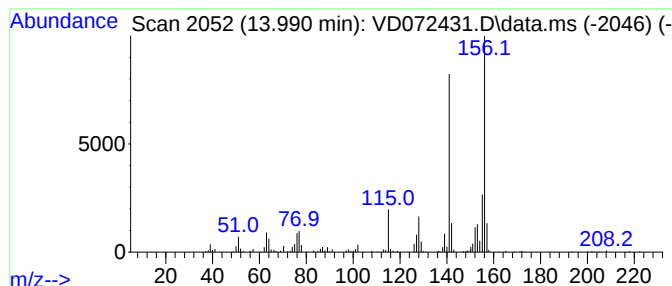
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.991	30.03 ug/l	1971830	1,4-Dichlorobenzene-d4	13.561	
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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072431.D
Acq On : 25 Mar 2022 16:13
Operator : VA/SY
Sample : VIBLK
Misc : 4.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

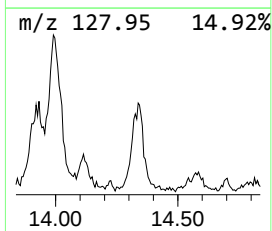
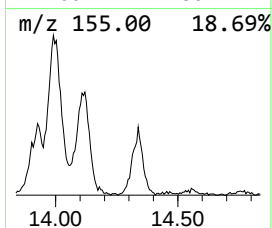
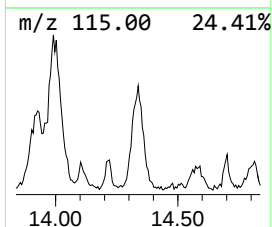
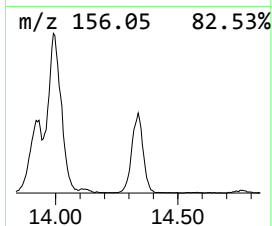
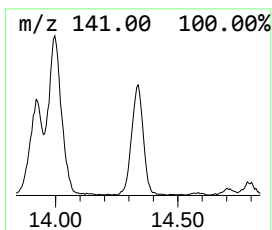
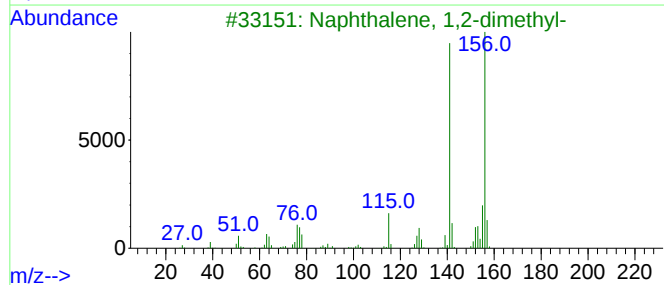
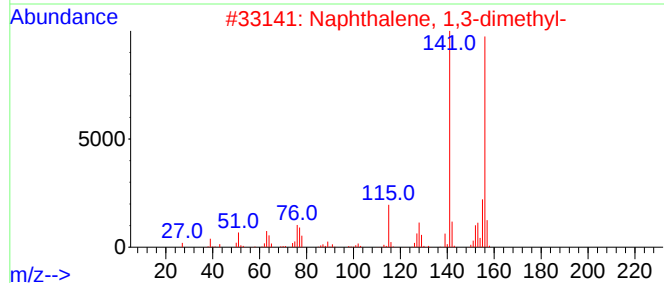
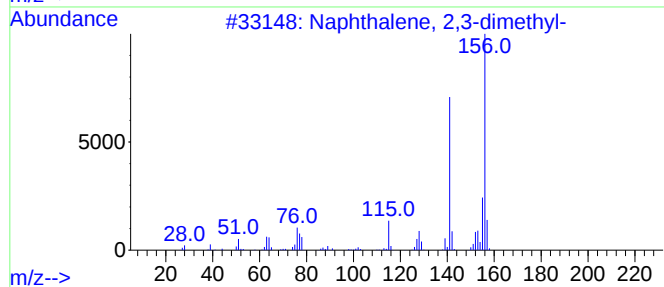
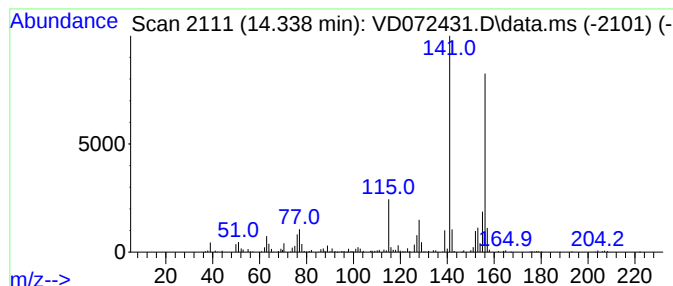
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.338	14.86 ug/l	975831	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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072431.D
Acq On : 25 Mar 2022 16:13
Operator : VA/SY
Sample : VIBLK
Misc : 4.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

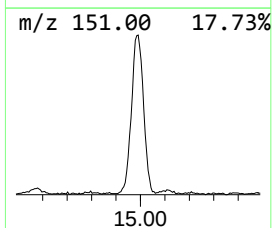
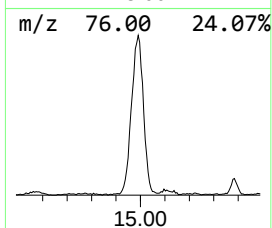
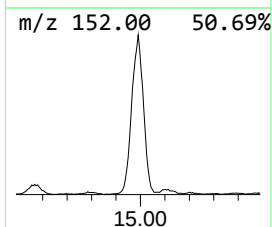
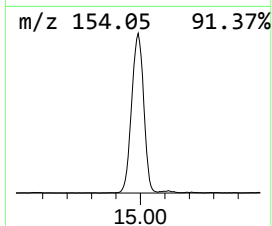
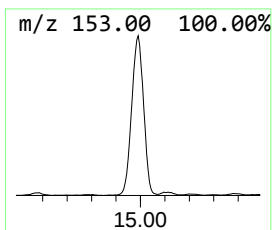
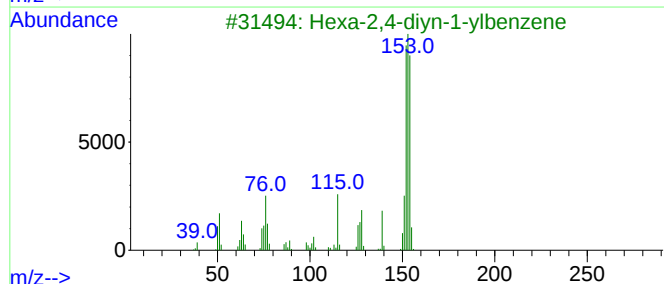
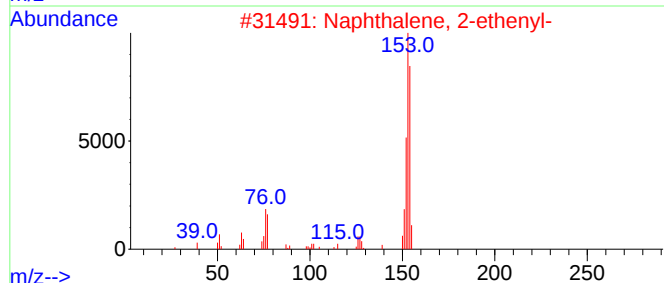
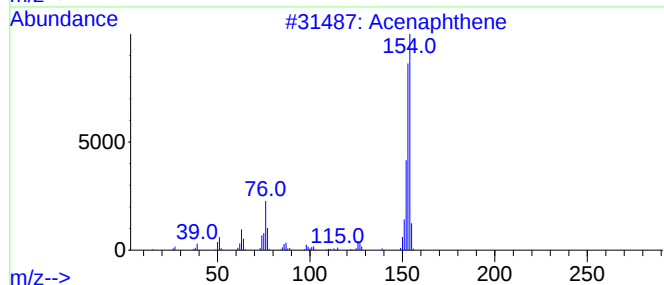
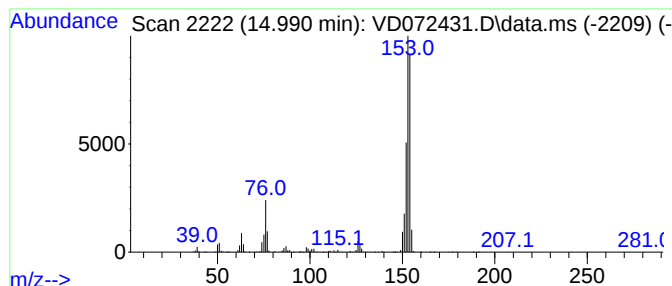
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Quant Title : SW846 8260

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

Peak Number 9 Acenaphthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.990	63.62 ug/l	4178050	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	90
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	59
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	59
4			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	50
5			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072431.D
Acq On : 25 Mar 2022 16:13
Operator : VA/SY
Sample : VIBLK
Misc : 4.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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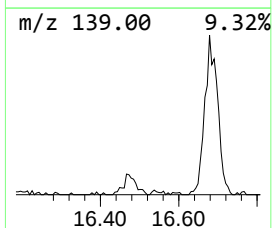
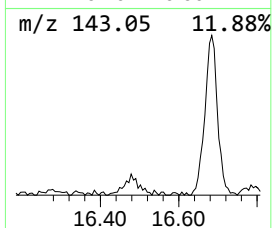
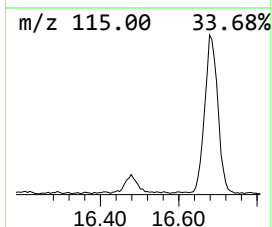
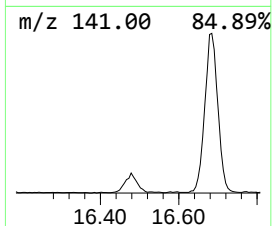
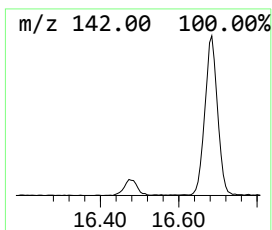
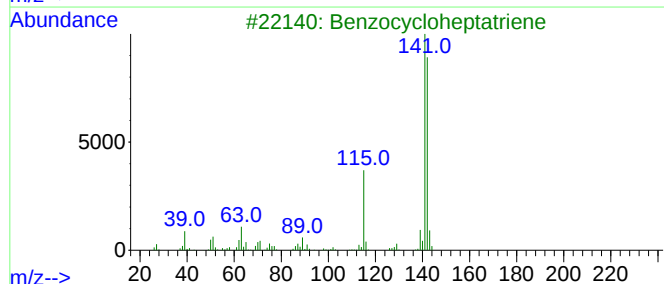
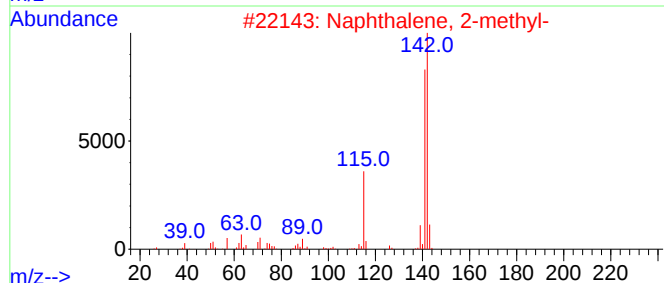
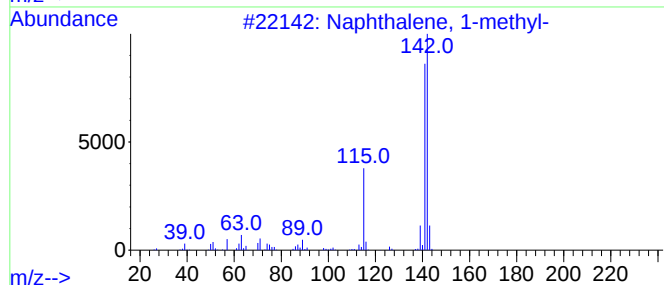
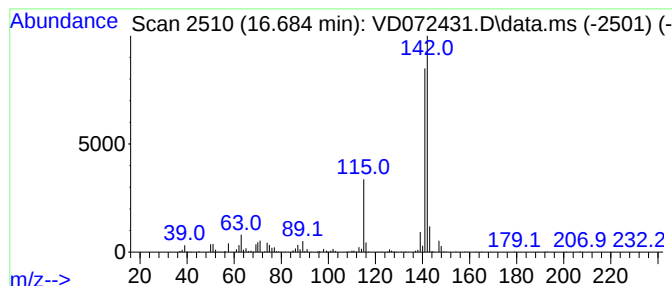
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.685	15.70 ug/l	1031180	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072431.D
Acq On : 25 Mar 2022 16:13
Operator : VA/SY
Sample : VIBLK
Misc : 4.31G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.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
Naphthalene, 1-...	12.526	140.0	ug/l	7833190	3	11.638	2798160	50.0
Naphthalene, 2,...	12.955	83.7	ug/l	5498120	4	13.561	3283390	50.0
Naphthalene, 1,...	13.373	128.2	ug/l	8415430	4	13.561	3283390	50.0
Naphthalene, 1,...	13.508	47.5	ug/l	3119130	4	13.561	3283390	50.0
Indane	13.767	12.7	ug/l	835064	4	13.561	3283390	50.0
Naphthalene, 1,...	13.920	13.4	ug/l	879297	4	13.561	3283390	50.0
Naphthalene, 1,...	13.991	30.0	ug/l	1971830	4	13.561	3283390	50.0
Naphthalene, 2,...	14.338	14.9	ug/l	975831	4	13.561	3283390	50.0
Acenaphthene	14.990	63.6	ug/l	4178050	4	13.561	3283390	50.0
Naphthalene, 1-...	16.685	15.7	ug/l	1031180	4	13.561	3283390	50.0