

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072312.D
 Acq On : 19 Mar 2022 02:42
 Operator : VA/SY
 Sample : N1960-16
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13-20220316-18.0-19.0

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: VD072312.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.409	412	423	432	rBV	107423	306415	5.25%	0.724%
2	5.479	590	605	618	rBV3	44517	156291	2.68%	0.369%
3	7.914	1005	1019	1023	rBV	315872	763349	13.09%	1.804%
4	7.973	1023	1029	1040	rVB	649714	1438734	24.66%	3.400%
5	8.332	1080	1090	1103	rBV3	377633	1079989	18.51%	2.552%
6	8.861	1170	1180	1191	rBV	897696	1848181	31.68%	4.367%
7	10.332	1423	1430	1440	rBV	1480145	2668435	45.75%	6.306%
8	11.238	1580	1584	1589	rBV4	37008	59739	1.02%	0.141%
9	11.638	1645	1652	1662	rVB	1495652	2648011	45.40%	6.257%
10	11.738	1664	1669	1676	rBV	142052	268047	4.60%	0.633%
11	12.173	1733	1743	1749	rBV2	113564	290096	4.97%	0.686%
12	12.373	1769	1777	1783	rBV3	137598	393070	6.74%	0.929%
13	12.502	1785	1799	1801	rBV2	960499	2793497	47.89%	6.601%
14	12.620	1814	1819	1829	rVB2	2611788	4561068	78.19%	10.778%
15	12.785	1844	1847	1854	rVB2	90498	181770	3.12%	0.430%
16	12.949	1856	1875	1896	rBV	993837	5833128	100.00%	13.784%
17	13.255	1922	1927	1932	rBV	205471	349002	5.98%	0.825%
18	13.379	1935	1948	1957	rBV	993111	3788573	64.95%	8.953%
19	13.502	1966	1969	1974	rVV2	271821	511469	8.77%	1.209%
20	13.561	1974	1979	1989	rVB	1640092	2846127	48.79%	6.726%
21	13.726	2003	2007	2010	rBV	70281	89027	1.53%	0.210%
22	13.767	2010	2014	2016	rBV	109927	181947	3.12%	0.430%
23	13.796	2016	2019	2027	rVB2	220005	395868	6.79%	0.935%
24	13.891	2029	2035	2038	rBV6	106619	242314	4.15%	0.573%
25	13.991	2048	2052	2064	rVB3	198375	600376	10.29%	1.419%
26	14.096	2064	2070	2081	rVB4	246424	702128	12.04%	1.659%
27	14.208	2084	2089	2095	rBV2	70051	128874	2.21%	0.305%
28	14.338	2103	2111	2117	rBV3	125518	307601	5.27%	0.727%
29	14.508	2136	2140	2144	rBV2	67569	110353	1.89%	0.261%
30	14.561	2144	2149	2161	rVB8	90042	296676	5.09%	0.701%
31	14.696	2167	2172	2177	rBV2	86003	133093	2.28%	0.315%
32	14.802	2185	2190	2197	rBV5	93793	203513	3.49%	0.481%
33	14.979	2210	2220	2231	rVB2	448238	1509916	25.89%	3.568%
34	15.079	2232	2237	2245	rBV7	58815	156542	2.68%	0.370%
35	15.196	2253	2257	2263	rVB6	29515	58507	1.00%	0.138%
36	15.385	2279	2289	2297	rBV	893412	1729361	29.65%	4.087%

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

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	16.473	2467	2474	2488	rVB	638611	1466706	25.14%	3.466%
38	16.679	2501	2509	2521	rVB	524284	1219690	20.91%	2.882%

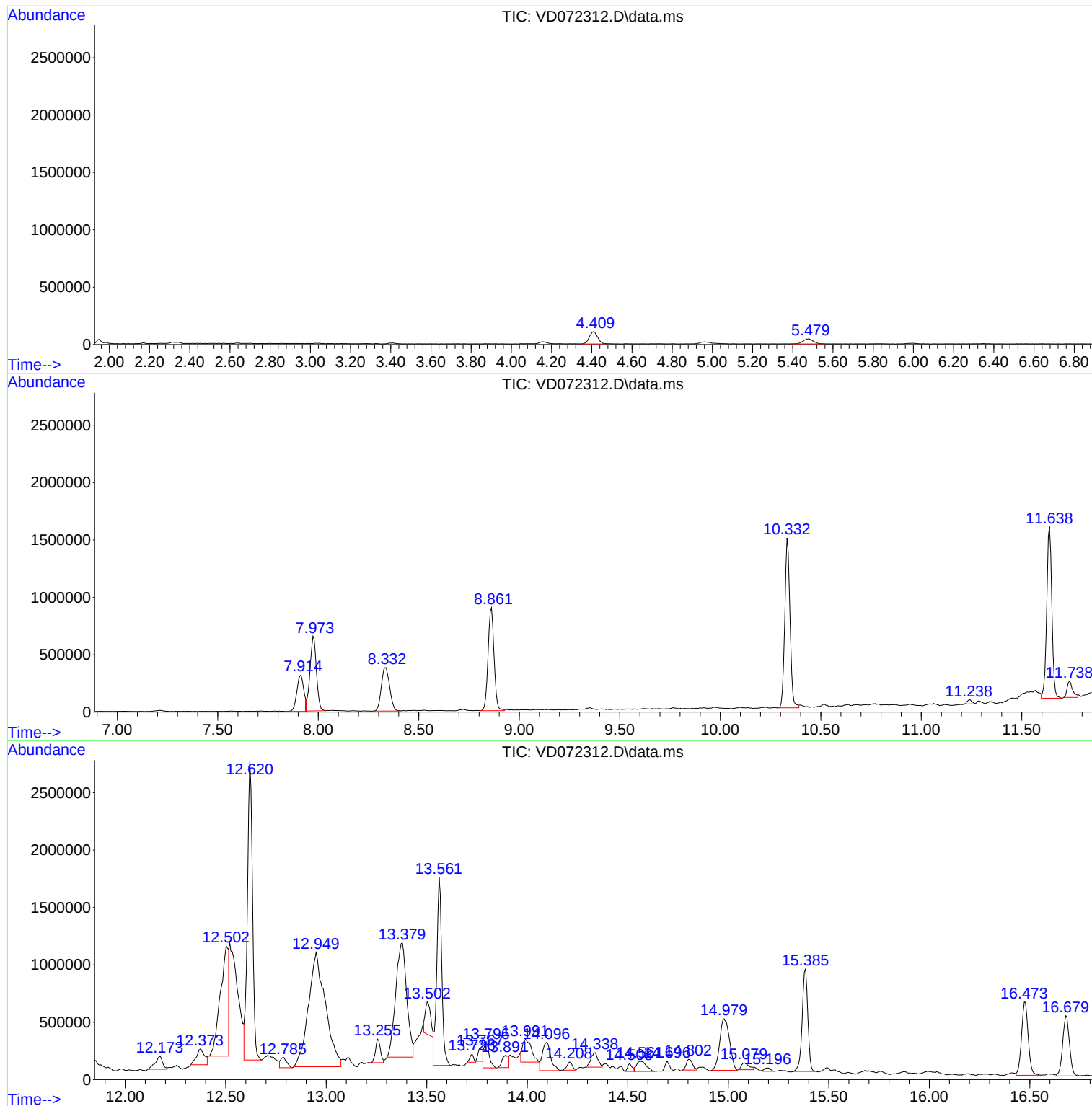
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SB-13-20220316-18.0-19.0

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
ClientSampleId :
SB-13-20220316-18.0-19.0

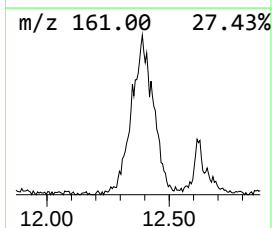
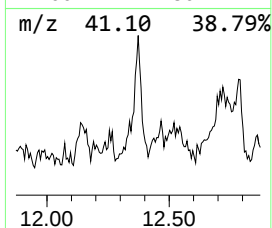
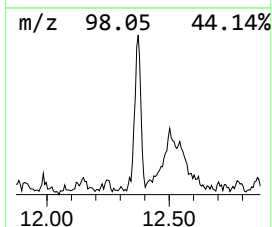
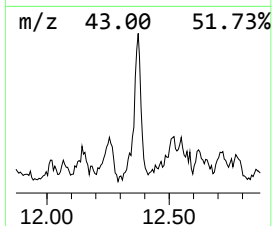
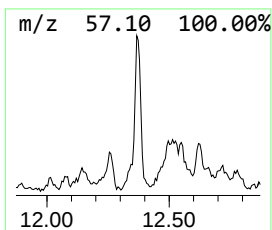
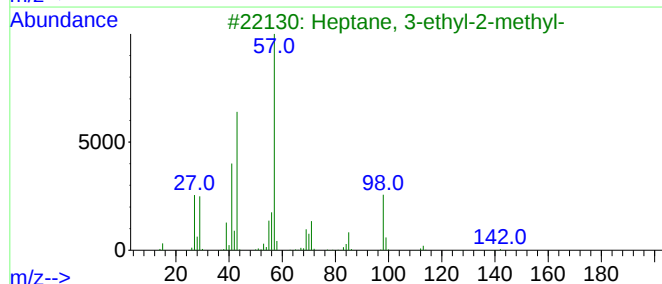
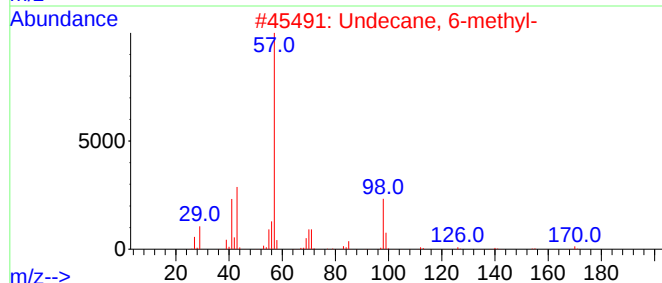
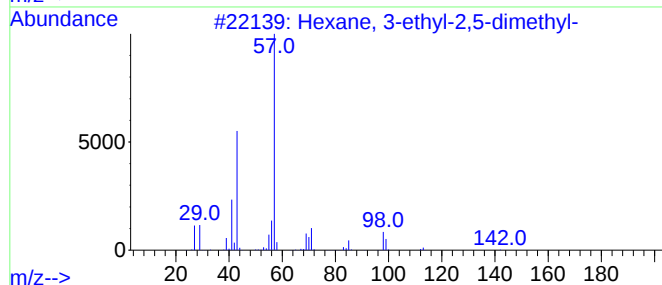
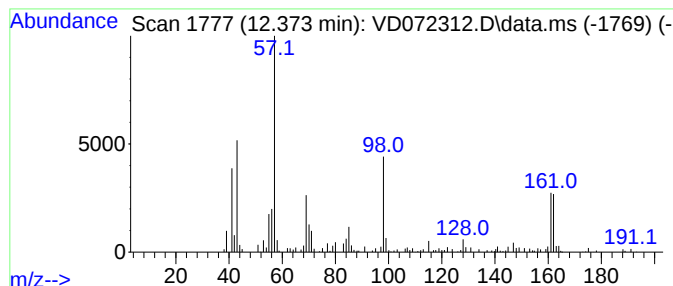
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.373 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.373	7.42 ug/l	393070	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	47
2			Undecane, 6-methyl-	170	C12H26	017302-33-9	43
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	38
4			Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	37
5			Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	35



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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

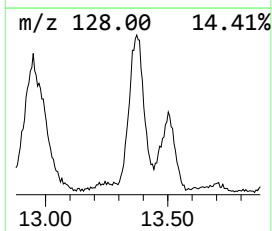
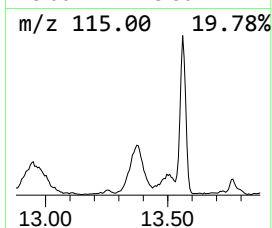
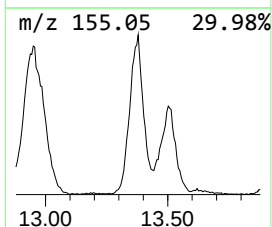
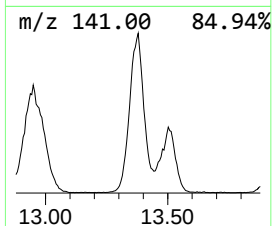
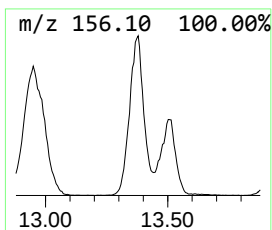
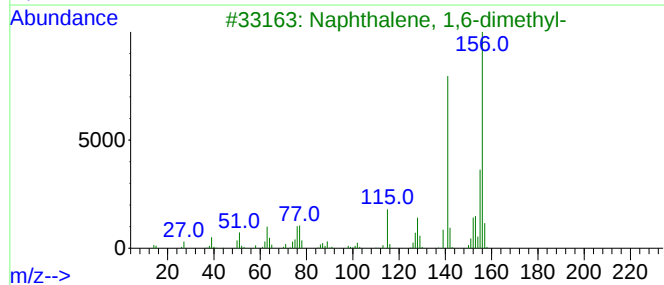
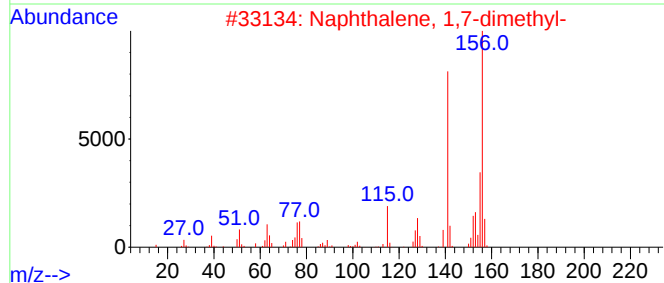
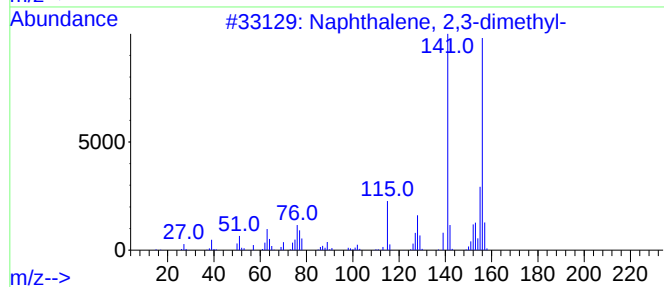
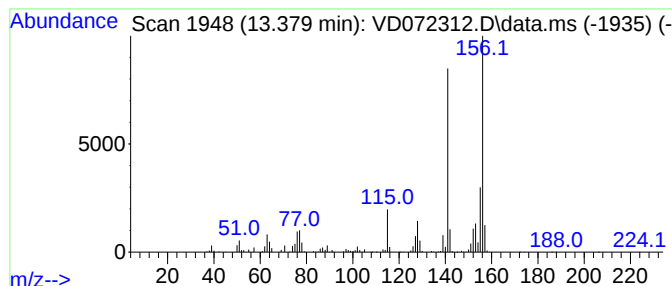
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.379	66.56 ug/l	3788570	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	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

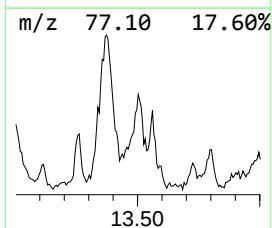
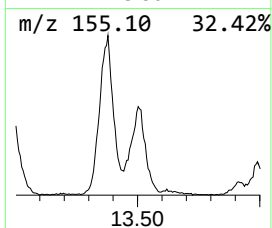
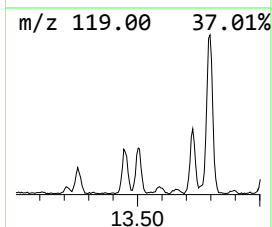
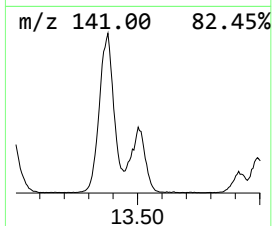
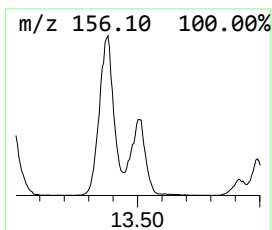
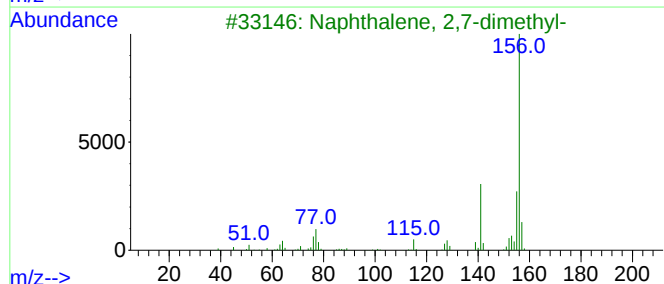
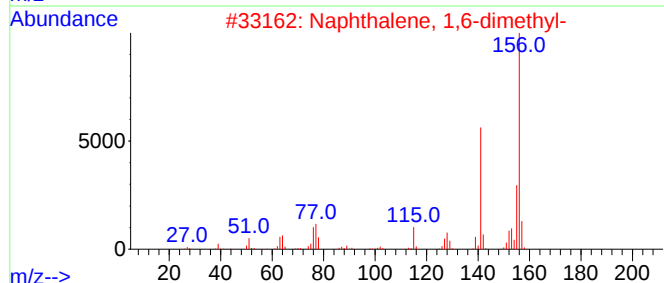
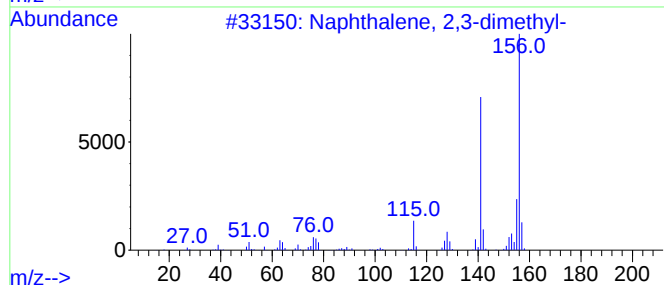
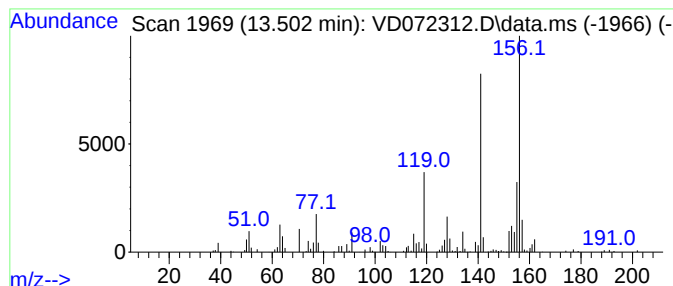
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.502	8.99 ug/l	511469	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	91
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
5			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	90



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Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

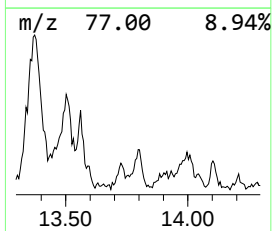
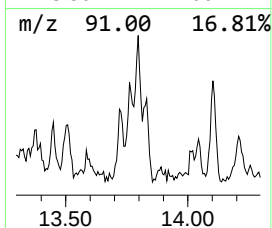
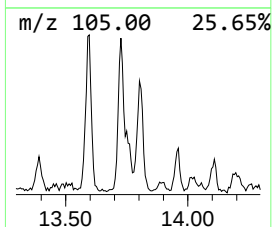
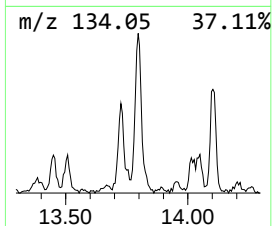
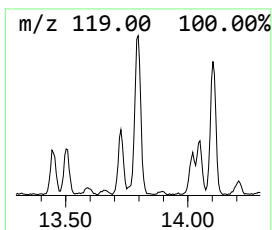
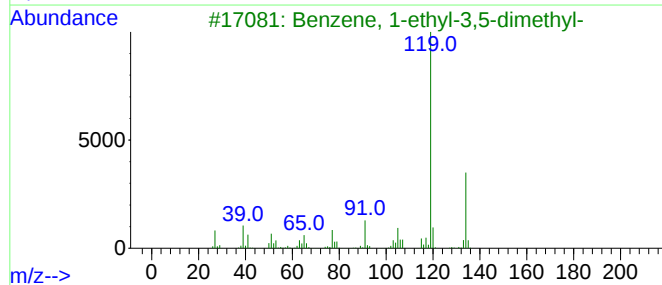
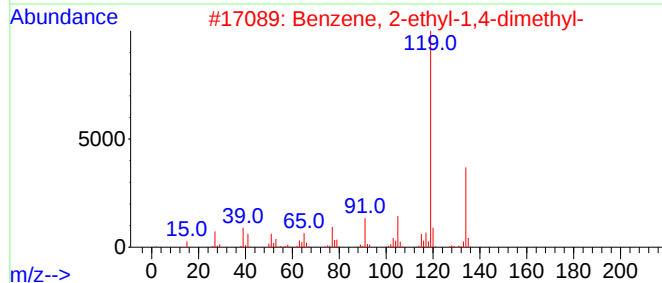
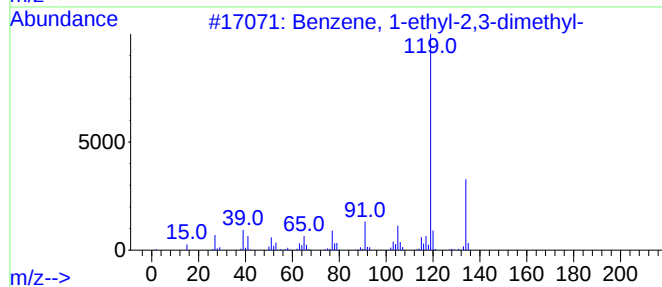
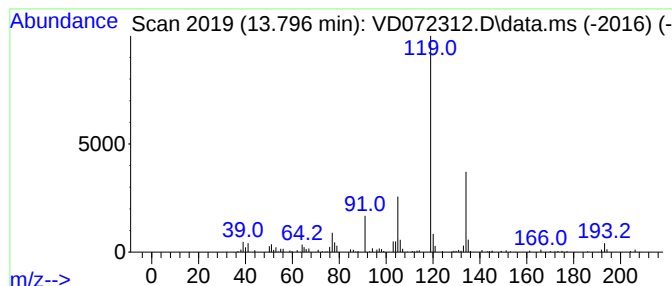
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.796	6.95 ug/l	395868	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	74
3			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72



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Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

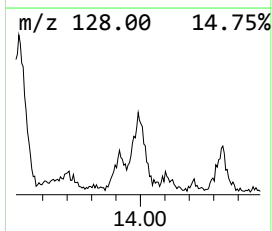
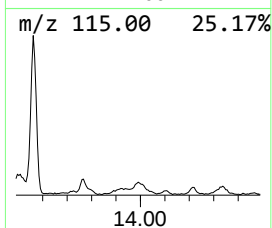
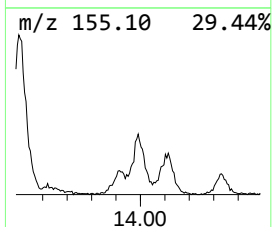
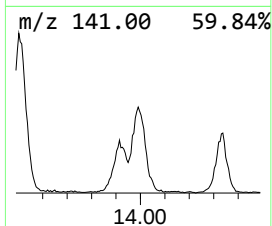
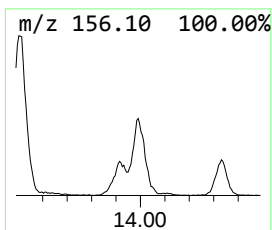
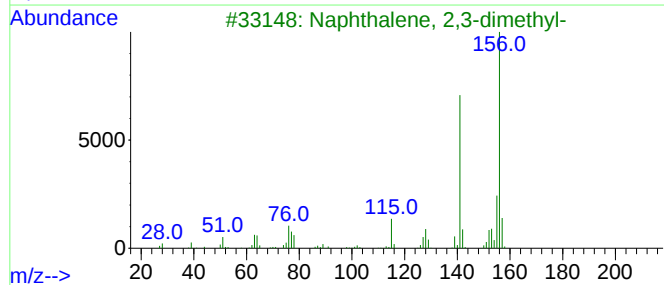
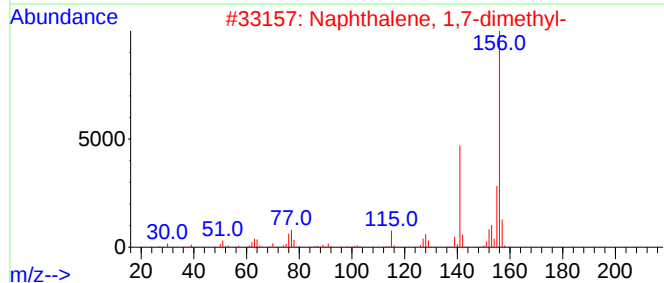
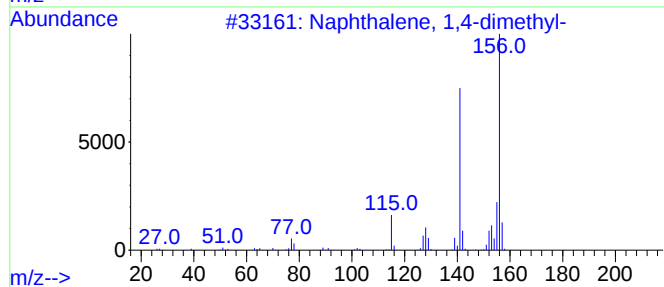
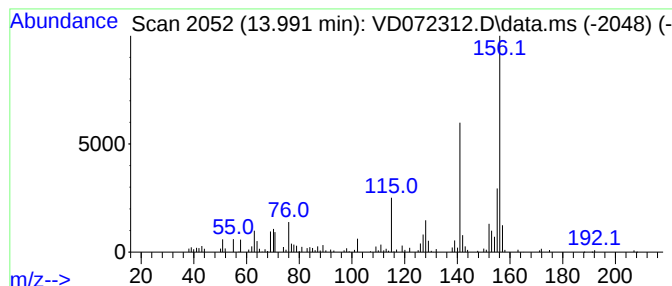
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.991	10.55 ug/l	600376	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072312.D
Acq On : 19 Mar 2022 02:42
Operator : VA/SY
Sample : N1960-16
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

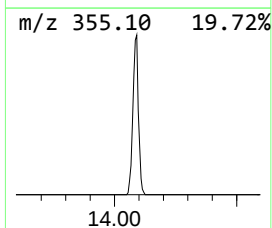
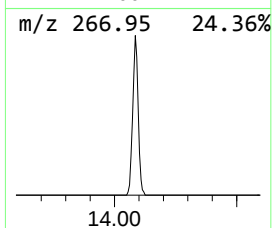
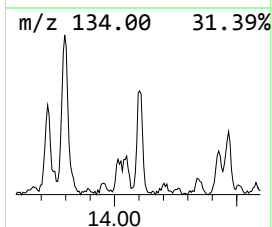
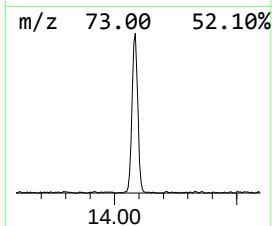
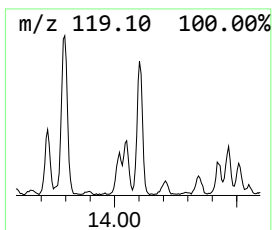
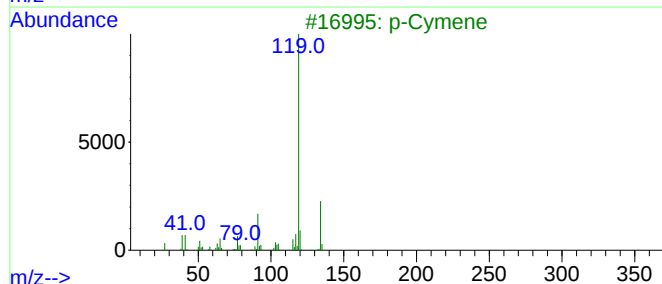
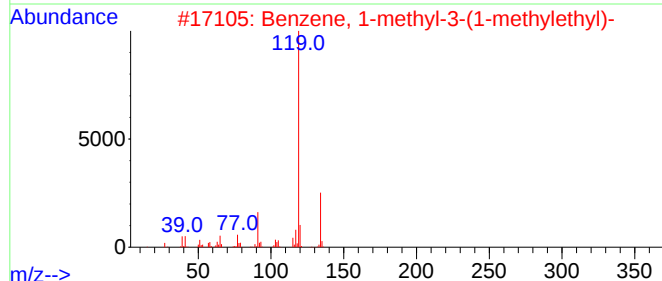
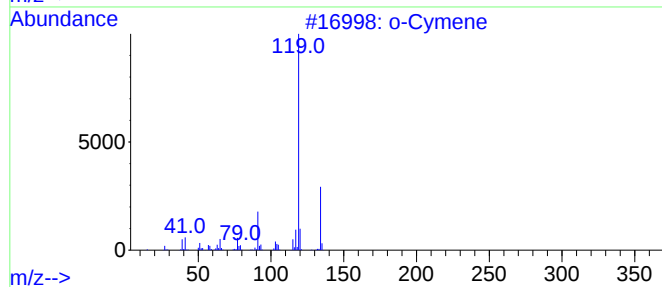
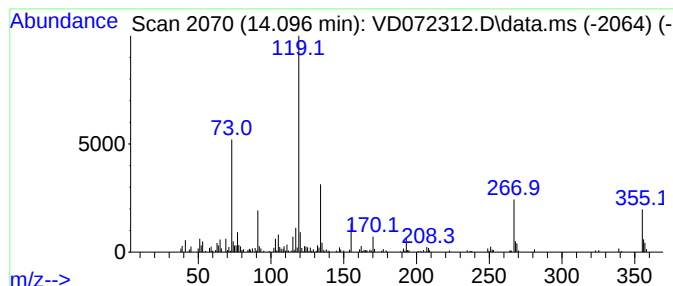
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Quant Title : SW846 8260

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

Peak Number 6 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.096	12.33 ug/l	702128	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	91
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
3			p-Cymene	134	C10H14	000099-87-6	90
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072312.D
Acq On : 19 Mar 2022 02:42
Operator : VA/SY
Sample : N1960-16
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

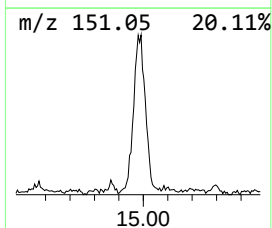
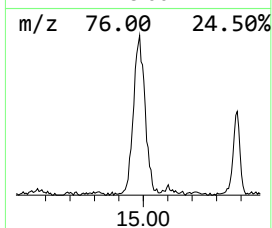
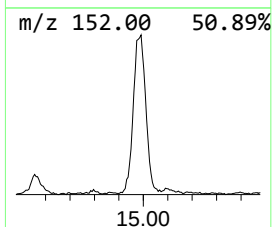
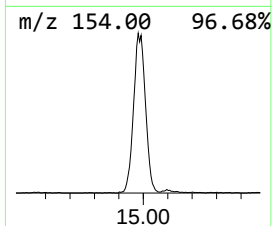
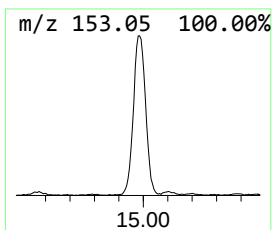
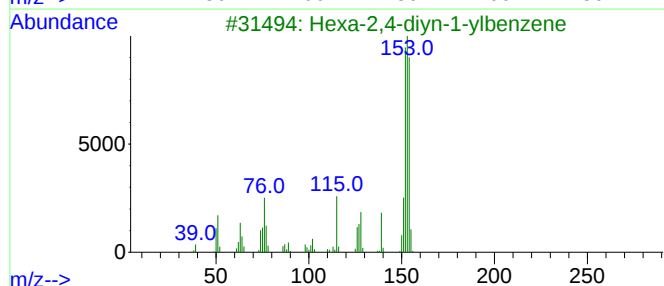
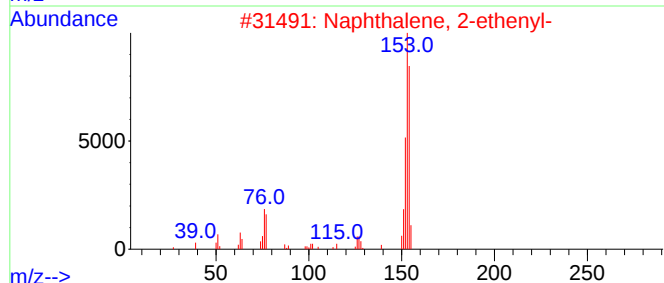
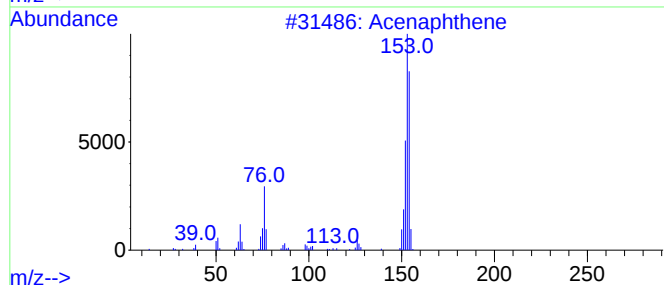
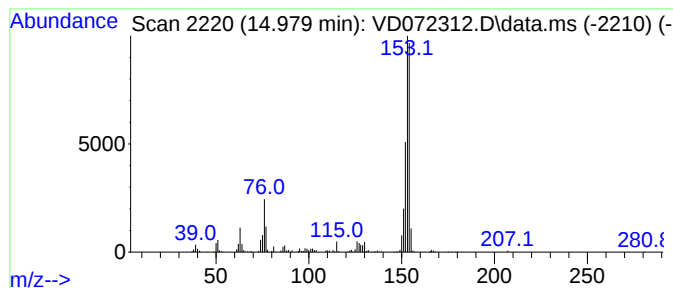
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2-ethenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.979	26.53 ug/l	1509920	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	95
2			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	70
3			Hexa-2,4-dien-1-ylbenzene	154	C12H10	000520-74-1	68
4			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
5			3-Fluoro-para-anisaldehyde	154	C8H7FO2	000351-54-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072312.D
Acq On : 19 Mar 2022 02:42
Operator : VA/SY
Sample : N1960-16
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

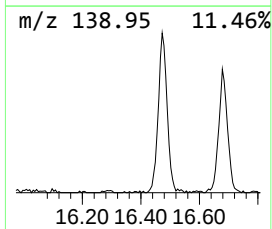
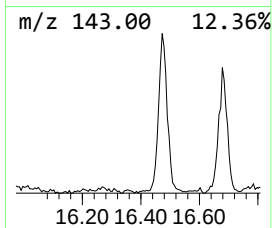
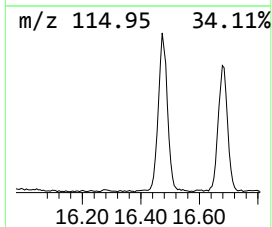
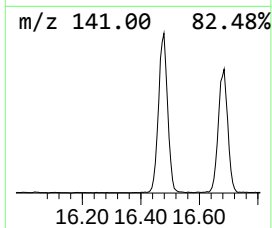
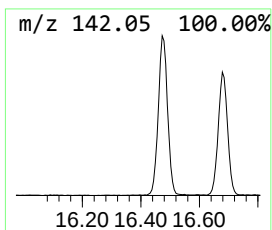
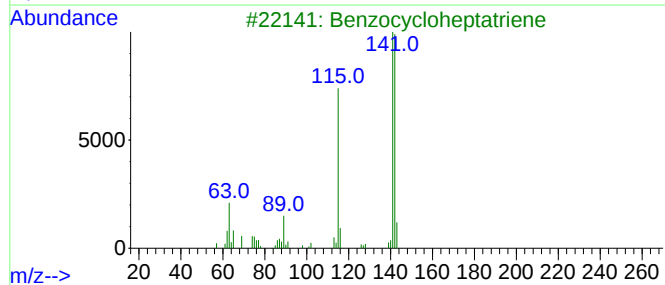
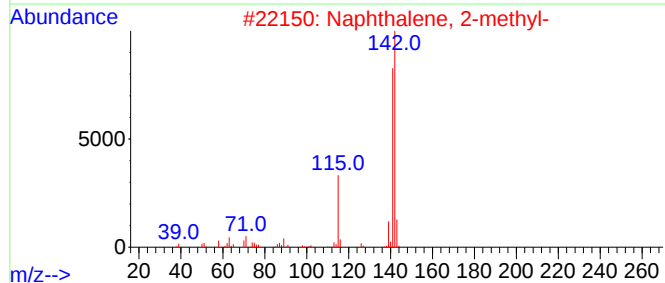
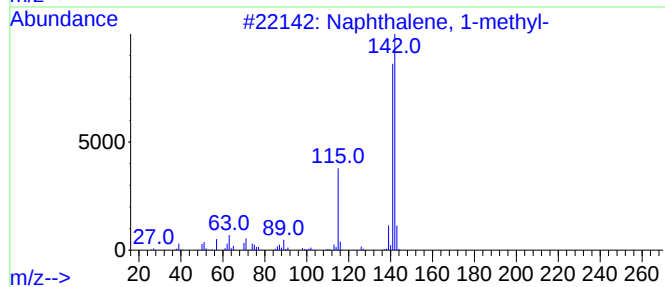
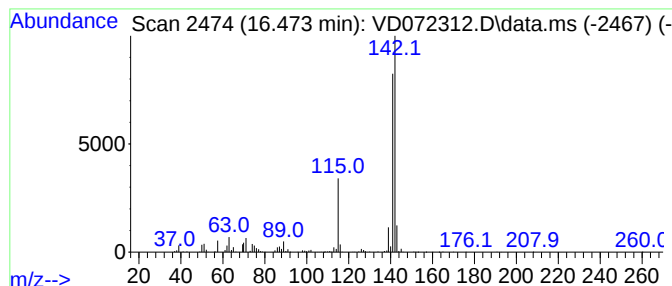
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Quant Title : SW846 8260

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.473	25.77 ug/l	1466710	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			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072312.D
Acq On : 19 Mar 2022 02:42
Operator : VA/SY
Sample : N1960-16
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

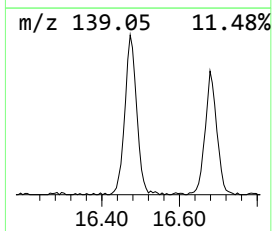
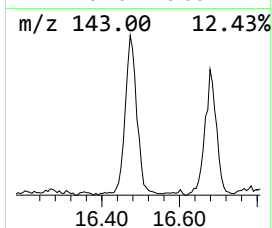
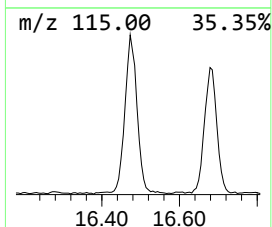
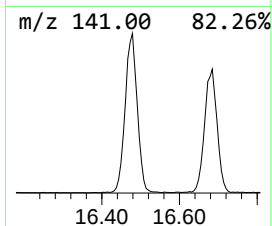
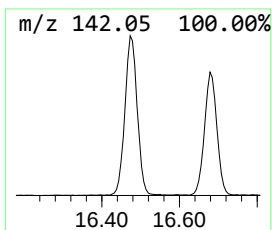
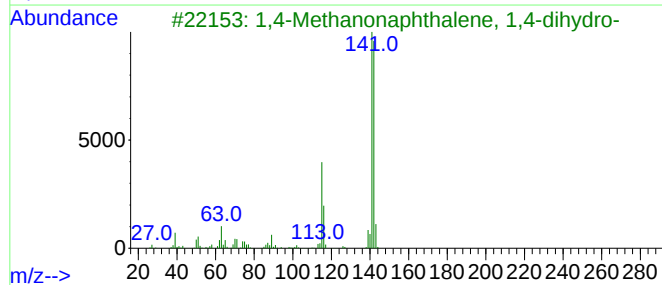
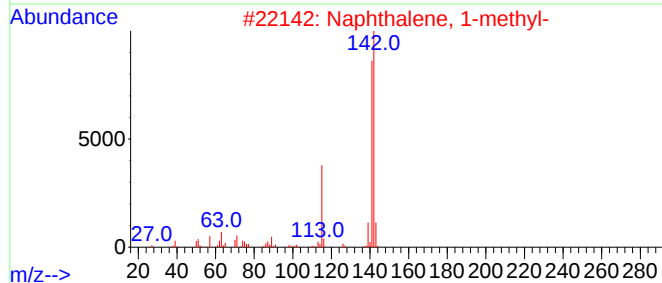
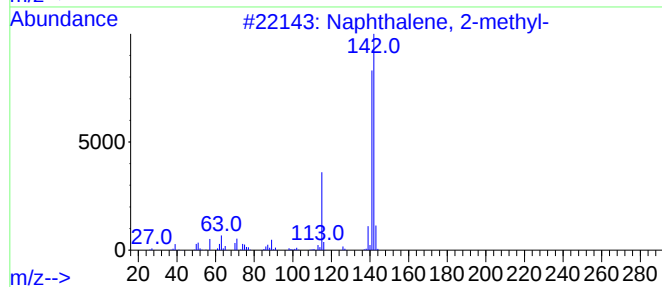
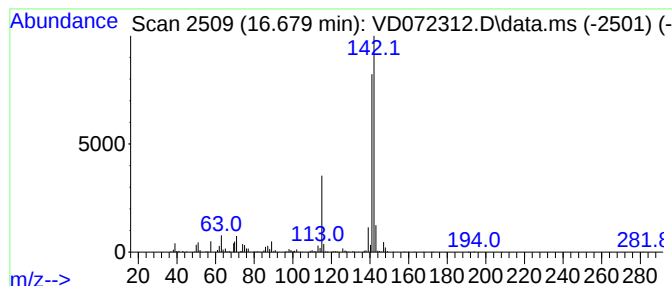
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Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.679	21.43 ug/l	1219690	1,4-Dichlorobenzene-d4	13.561

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-dihy...	142	C11H10	004453-90-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			Spiro(9-methylenetricyclo[6.2.1....	184	C13H12O	033929-47-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072312.D
Acq On : 19 Mar 2022 02:42
Operator : VA/SY
Sample : N1960-16
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-18.0-19.0

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
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Naphthalene, 1,...	13.502	9.0	ug/l	511469	4	13.561	2846130	50.0
Benzene, 1-ethy...	13.796	7.0	ug/l	395868	4	13.561	2846130	50.0
Naphthalene, 1,...	13.991	10.6	ug/l	600376	4	13.561	2846130	50.0
o-Cymene	14.096	12.3	ug/l	702128	4	13.561	2846130	50.0
Naphthalene, 2-...	14.979	26.5	ug/l	1509920	4	13.561	2846130	50.0
Benzocyclohepta...	16.473	25.8	ug/l	1466710	4	13.561	2846130	50.0
1,4-Methanonaph...	16.679	21.4	ug/l	1219690	4	13.561	2846130	50.0