

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072879.D
 Acq On : 07 May 2022 05:49
 Operator : VA/SY
 Sample : N2725-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 24702

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\82D050222S.M
 Title : SW846 8260

Signal : TIC: VD072879.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.315	61	67	73	rBV	40623	65585	3.98%	0.505%
2	3.403	246	252	259	rVB5	6863	16688	1.01%	0.129%
3	4.950	506	515	526	rBV4	16211	58752	3.56%	0.453%
4	5.179	547	554	557	rBV5	8764	19625	1.19%	0.151%
5	5.997	683	693	700	rVB4	11638	28905	1.75%	0.223%
6	7.191	884	896	910	rBV2	25191	72871	4.42%	0.561%
7	7.908	1007	1018	1023	rBV	272469	642328	38.96%	4.948%
8	7.973	1023	1029	1042	rVB	413547	950582	57.66%	7.322%
9	8.320	1085	1088	1098	rVB	249204	534630	32.43%	4.118%
10	8.855	1169	1179	1195	rBV	682775	1376742	83.51%	10.605%
11	9.902	1351	1357	1364	rVB4	11350	24440	1.48%	0.188%
12	10.332	1422	1430	1438	rVV	916625	1648587	100.00%	12.699%
13	10.714	1488	1495	1502	rVB2	46501	83925	5.09%	0.646%
14	11.073	1551	1556	1564	rBV3	17528	30855	1.87%	0.238%
15	11.449	1615	1620	1625	rVB3	18889	31992	1.94%	0.246%
16	11.632	1642	1651	1660	rBV	789641	1401956	85.04%	10.799%
17	12.479	1789	1795	1799	rBV4	19771	35715	2.17%	0.275%
18	12.620	1812	1819	1828	rBV	512784	873900	53.01%	6.731%
19	12.943	1869	1874	1879	rVV5	22234	41020	2.49%	0.316%
20	13.449	1952	1960	1965	rVV9	20722	58233	3.53%	0.449%
21	13.561	1971	1979	1989	rVB	482668	804675	48.81%	6.198%
22	13.685	1996	2000	2006	rBV9	13372	26412	1.60%	0.203%
23	13.743	2008	2010	2015	rBV5	9834	17589	1.07%	0.135%
24	13.885	2028	2034	2039	rBV6	70929	145991	8.86%	1.125%
25	13.985	2047	2051	2058	rVB7	25058	38758	2.35%	0.299%
26	14.096	2058	2070	2075	rBV7	47568	143316	8.69%	1.104%
27	14.208	2084	2089	2093	rBV3	74702	126735	7.69%	0.976%
28	14.267	2094	2099	2107	rBV6	80795	178727	10.84%	1.377%
29	14.338	2107	2111	2115	rBV7	39188	75920	4.61%	0.585%
30	14.390	2115	2120	2123	rBV3	126709	224961	13.65%	1.733%
31	14.526	2136	2143	2146	rBV2	114627	264578	16.05%	2.038%
32	14.602	2152	2156	2162	rVB6	93797	174969	10.61%	1.348%
33	14.814	2186	2192	2196	rBV6	115082	264862	16.07%	2.040%
34	14.861	2196	2200	2206	rVB5	170716	345798	20.98%	2.664%
35	14.979	2216	2220	2222	rBV5	119434	178546	10.83%	1.375%
36	15.014	2223	2226	2232	rVB4	198979	305802	18.55%	2.356%

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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\82D050222S.M
Title : SW846 8260

37	15.079	2232	2237	2242	rBV3	173492	301318	18.28%	2.321%
38	15.143	2244	2248	2250	rBV2	107466	174838	10.61%	1.347%
39	15.226	2260	2262	2263	rBV2	63256	53780	3.26%	0.414%
40	15.432	2290	2297	2303	rBV8	235647	806827	48.94%	6.215%
41	15.890	2371	2375	2380	rBV5	170108	330578	20.05%	2.546%

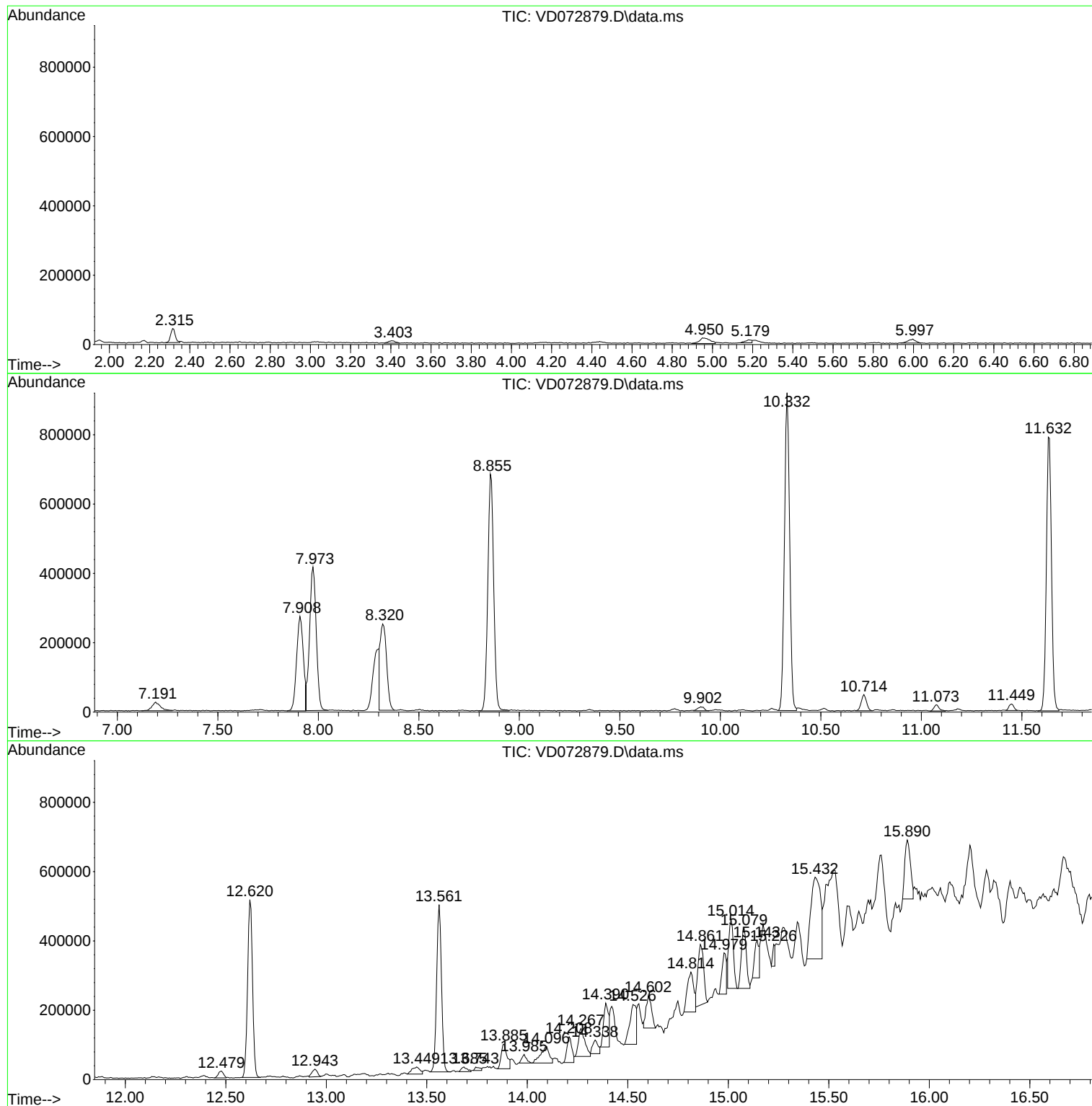
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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



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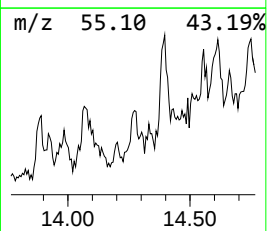
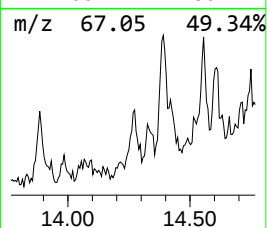
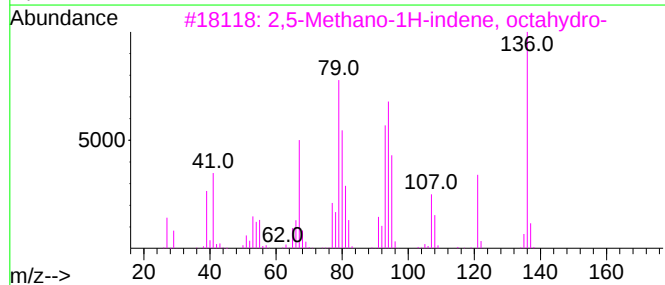
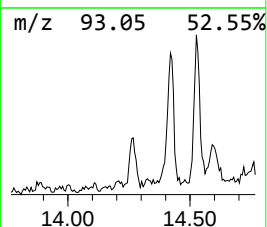
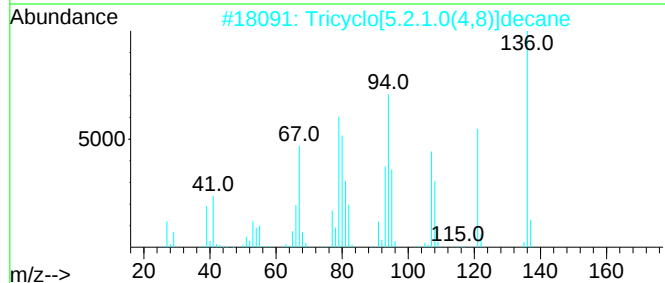
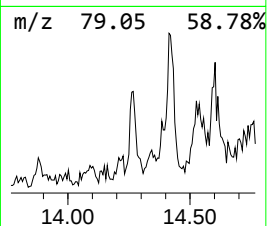
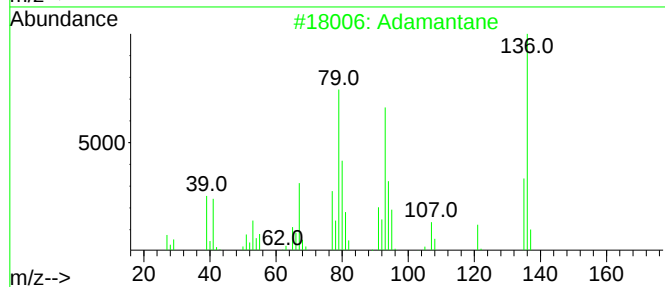
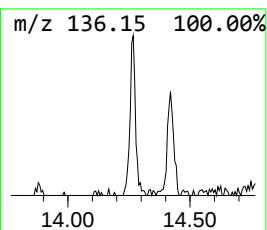
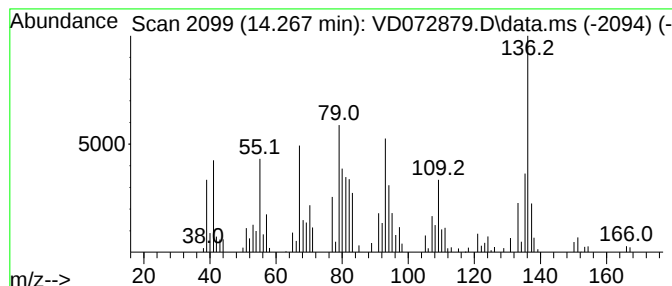
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 1 Adamantane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.267	11.11 ug/l	178727	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	94
2			Tricyclo[5.2.1.0(4,8)]decane	136	C10H16	042836-61-3	62
3			2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	58
4			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	52
5			Cyclohexanol, 2-methyl-5-(1-meth...	154	C10H18O	018675-33-7	46



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ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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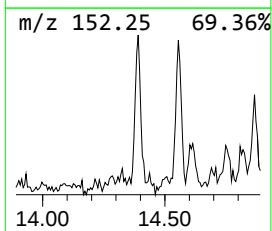
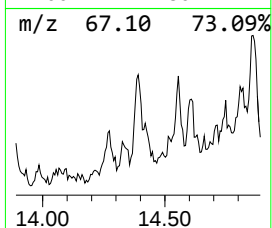
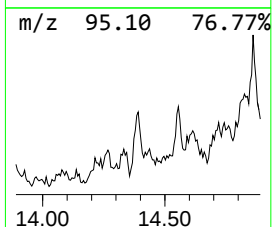
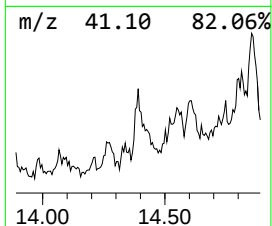
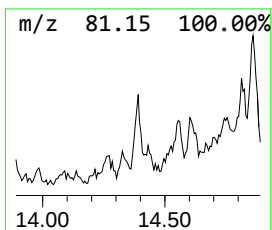
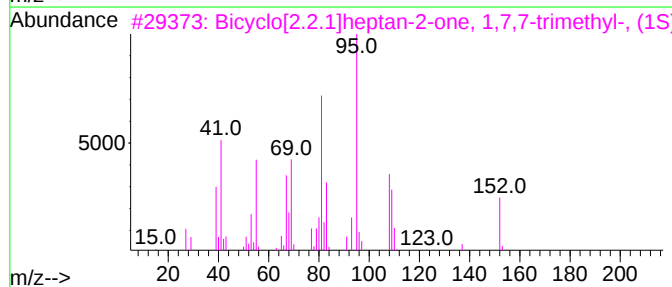
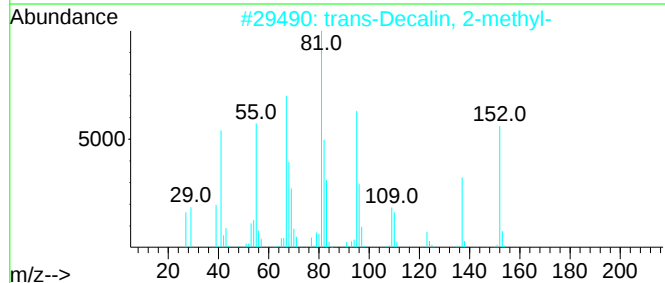
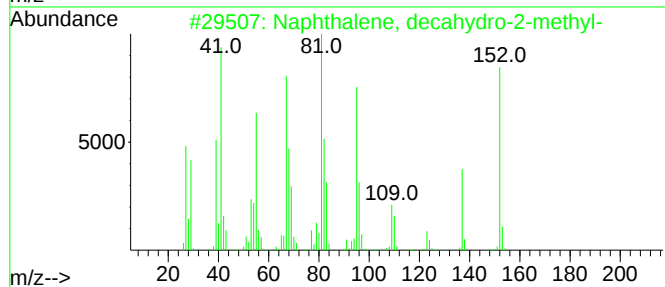
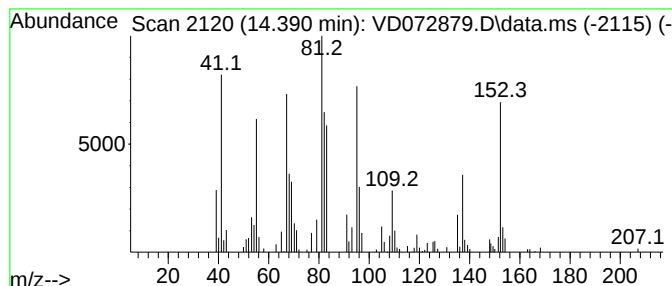
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.390	13.98 ug/l	224961	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
4			Camphor	152	C10H16O	000076-22-2	64
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	58



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Sample : N2725-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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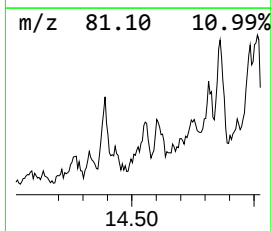
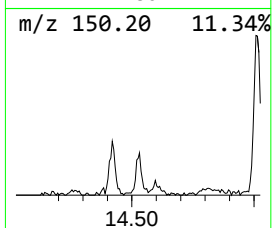
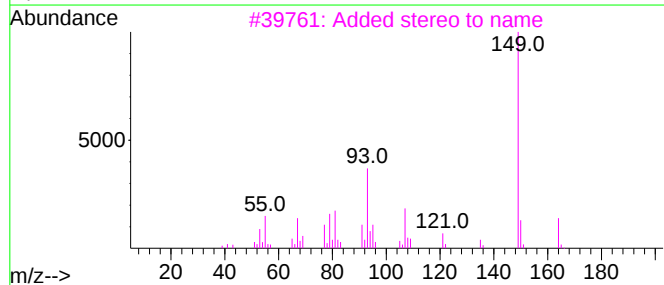
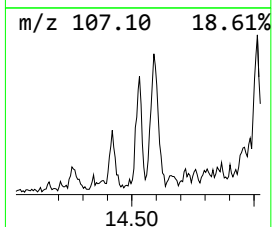
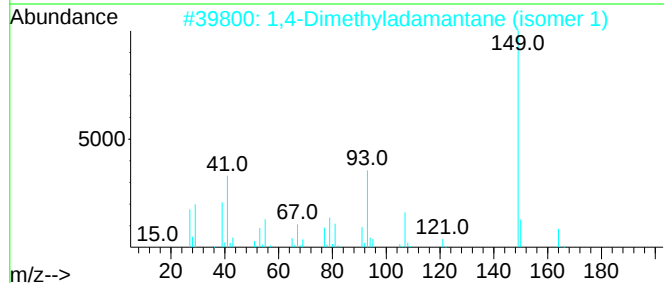
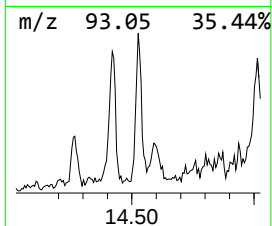
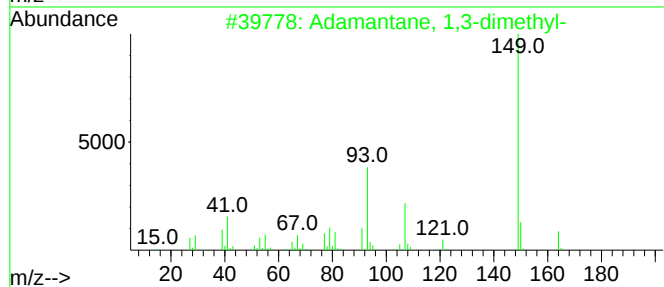
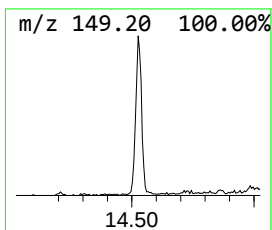
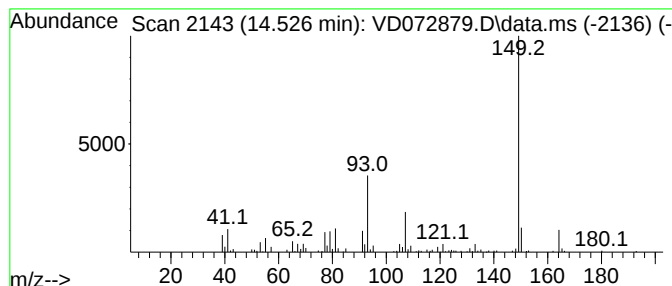
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 3 Adamantane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.526	16.44 ug/l	264578	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	93
2			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	87
3			Added stereo to name	164	C12H20	024145-89-9	78
4			1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	64
5			Silane, 1,3-heptadiynyltrimethyl-	164	C10H16Si	019024-47-6	53



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Operator : VA/SY
Sample : N2725-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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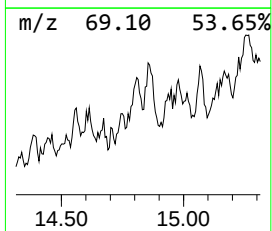
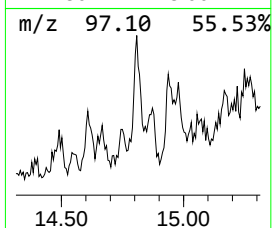
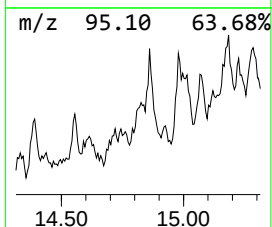
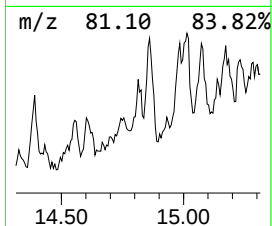
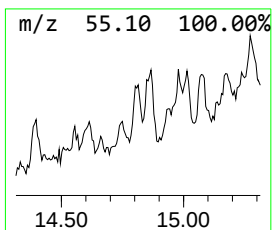
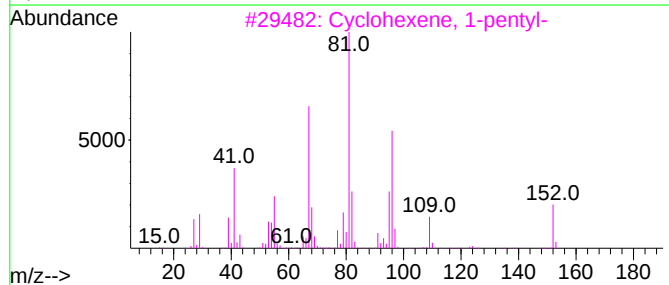
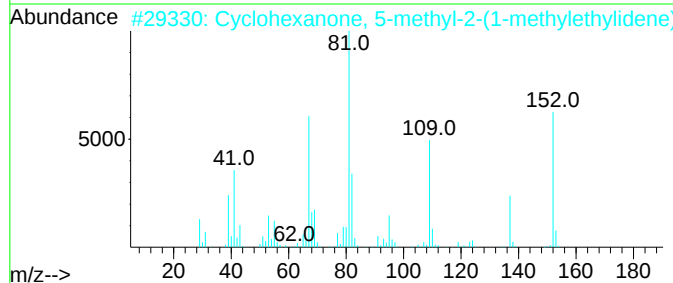
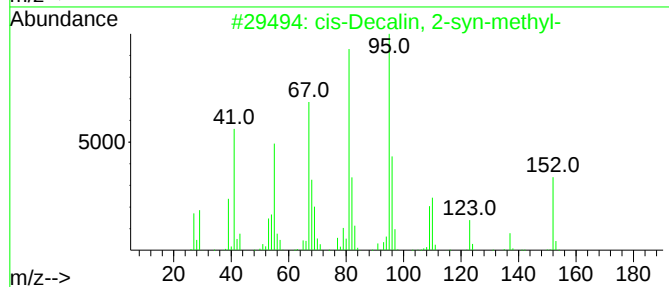
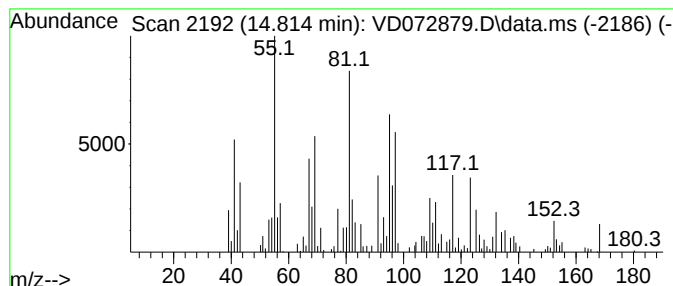
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 4 cis-Decalin, 2-syn-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	16.46 ug/l	264862	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	46
3			Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	43
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
5			Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	41



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Instrument :
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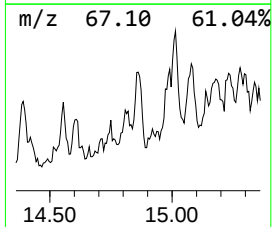
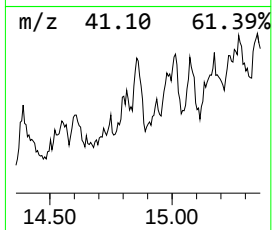
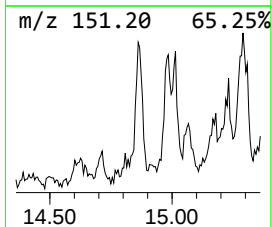
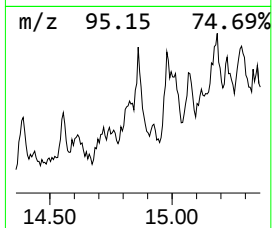
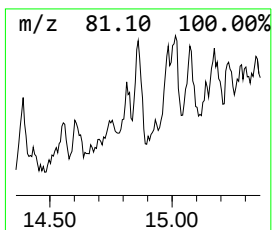
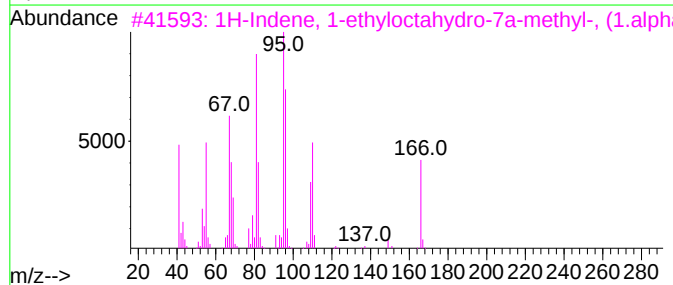
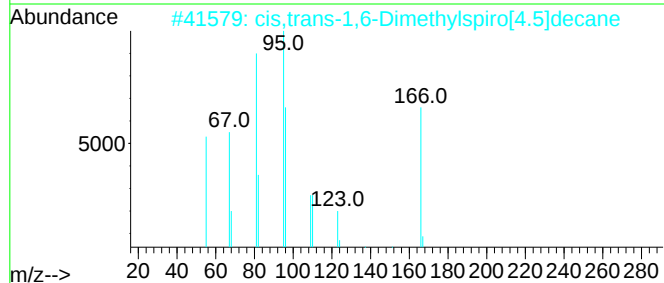
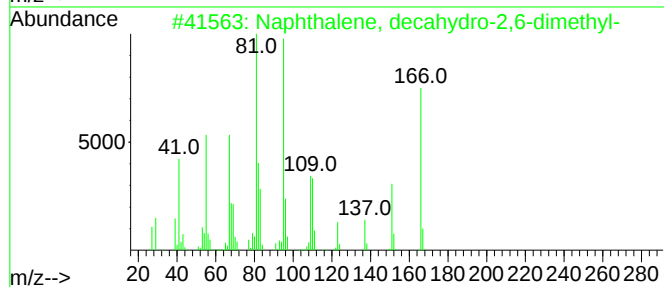
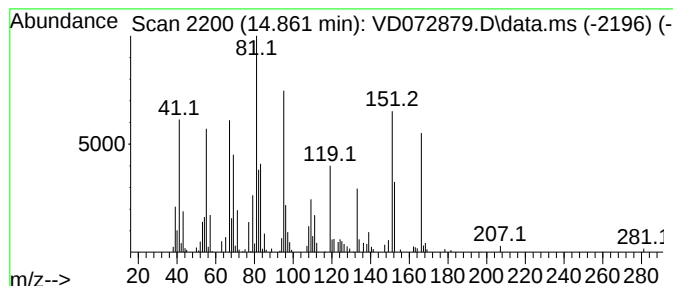
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Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-2,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	21.49 ug/l	345798	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	70
2			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	55
3			1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	49
4			Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	30
5			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
Data File : VD072879.D
Acq On : 07 May 2022 05:49
Operator : VA/SY
Sample : N2725-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

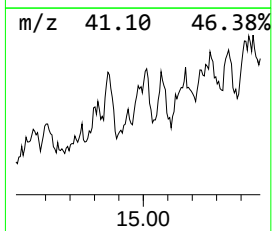
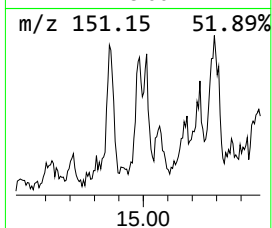
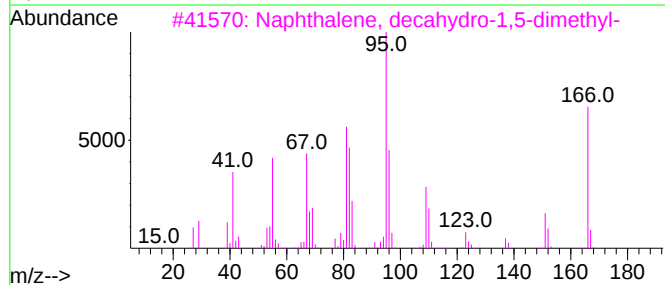
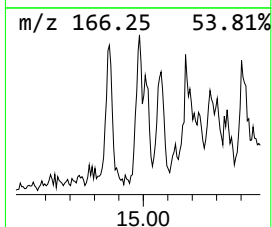
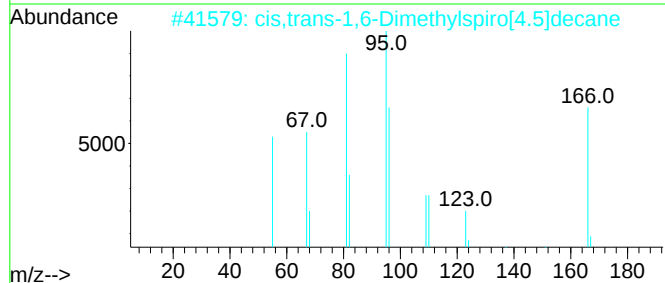
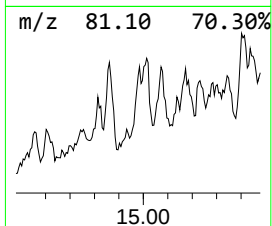
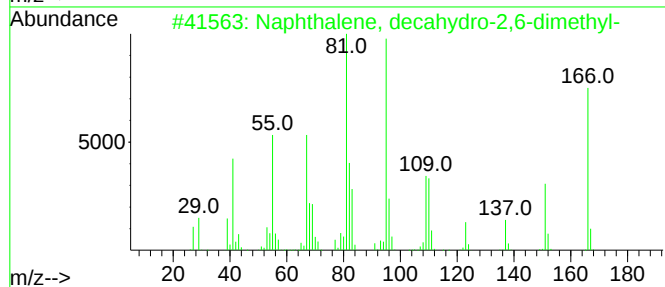
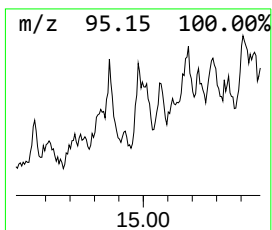
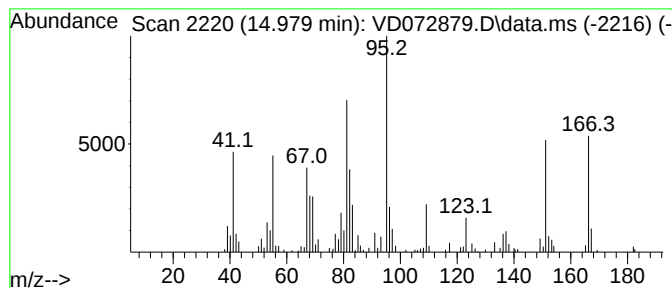
Instrument :
MSVOA_D
ClientSampleId :
24702

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260

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

Peak Number 6 cis,trans-1,6-Dimethylspiro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.979	11.09 ug/l	178546	1,4-Dichlorobenzene-d4			13.561
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...		166	C12H22	001618-22-0	94
2	cis,trans-1,6-Dimethylspiro[4.5]...		166	C12H22	1000111-72-3	81
3	Naphthalene, decahydro-1,5-dimet...		166	C12H22	066552-62-3	74
4	Naphthalene, decahydro-2,3-dimet...		166	C12H22	001008-80-6	72
5	Bicyclo[2.2.1]heptane, 1,3,3-tri...		138	C10H18	006248-88-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
Data File : VD072879.D
Acq On : 07 May 2022 05:49
Operator : VA/SY
Sample : N2725-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
24702

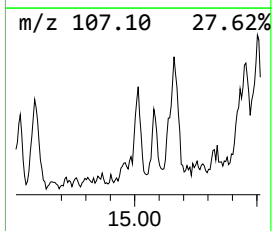
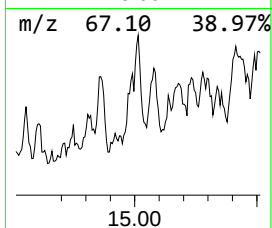
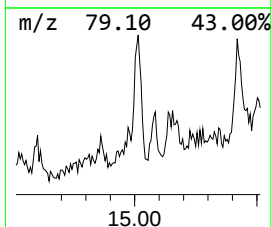
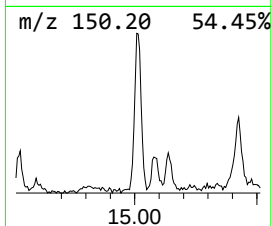
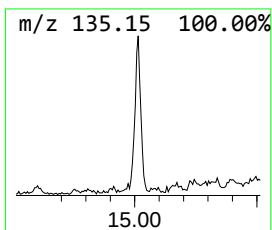
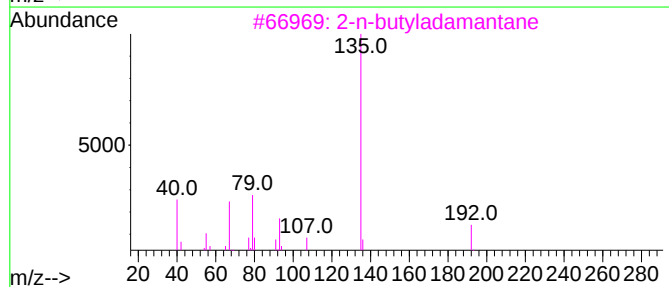
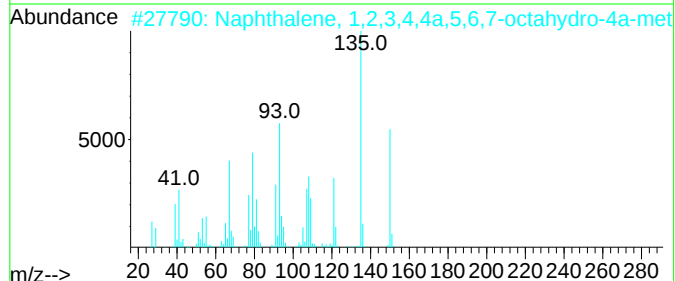
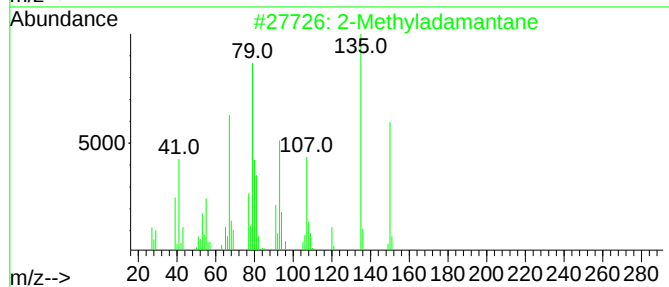
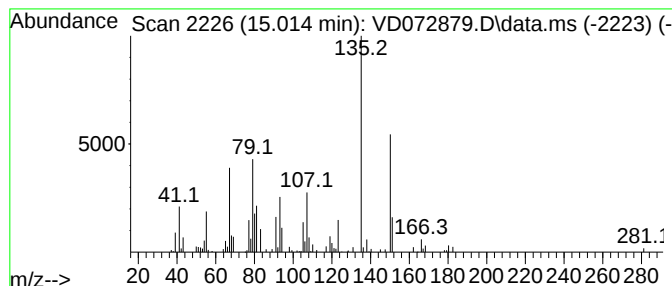
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Quant Title : SW846 8260

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

Peak Number 7 2-Methyladamantane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.014	19.00 ug/l	305802	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyladamantane	150	C11H18	000700-56-1	86
2			Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	64
3			2-n-butyladamantane	192	C14H24	014449-43-5	59
4			Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	59
5			2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
Data File : VD072879.D
Acq On : 07 May 2022 05:49
Operator : VA/SY
Sample : N2725-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
24702

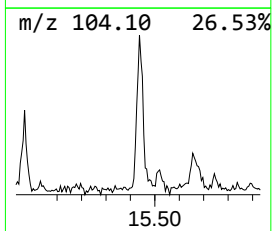
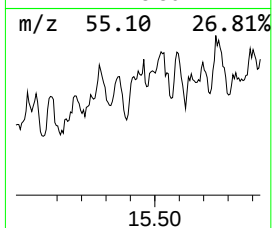
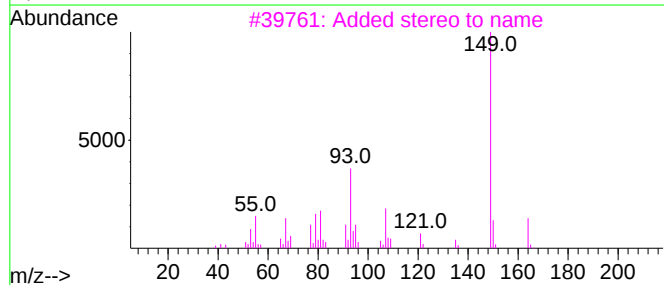
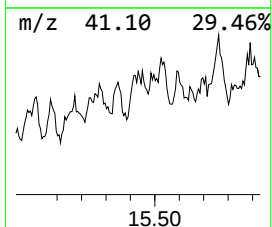
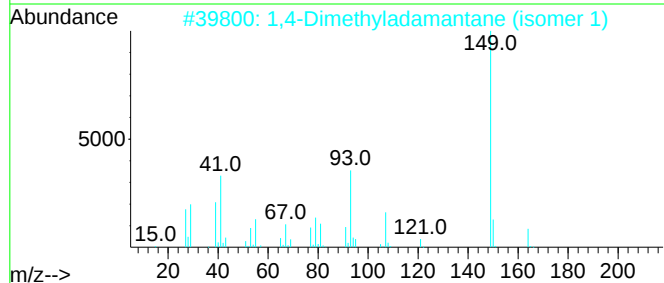
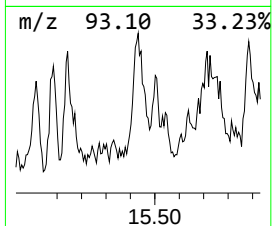
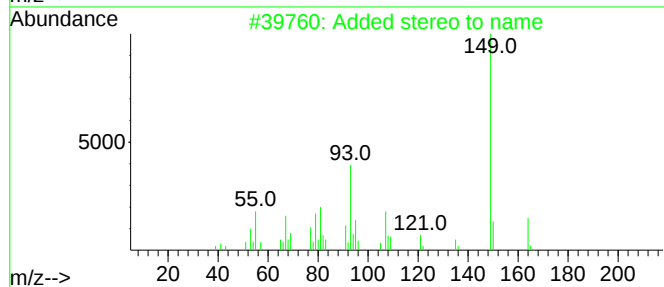
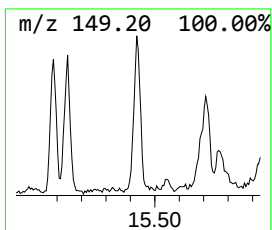
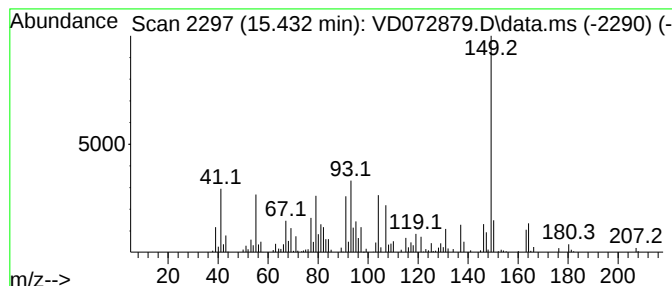
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Quant Title : SW846 8260

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

Peak Number 9 1,4-Dimethyladamantane (iso... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	50.13 ug/l	806827	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-88-8	78
2	1,4-Dimethyladamantane (isomer 1)			164	C12H20	1000460-67-0	60
3	Added stereo to name			164	C12H20	024145-89-9	55
4	Pyridinium, 1-(acetylamino)-2,6-...			164	C9H12N2O	031020-35-6	50
5	1,4-Dimethyladamantane (isomer 2)			164	C12H20	1000460-67-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
Data File : VD072879.D
Acq On : 07 May 2022 05:49
Operator : VA/SY
Sample : N2725-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
24702

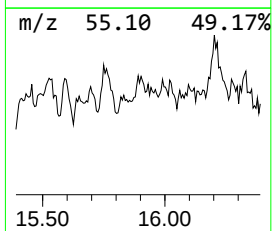
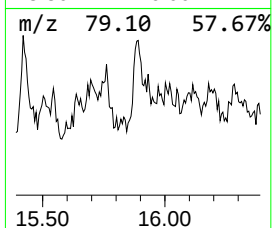
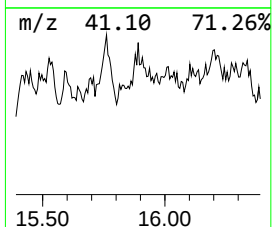
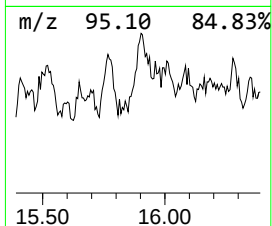
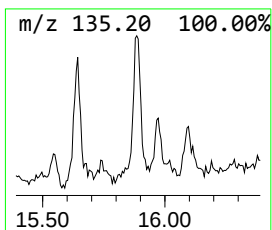
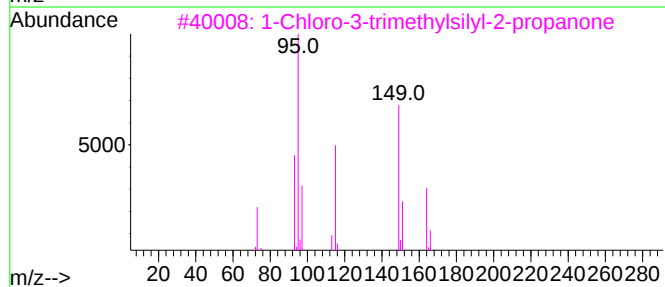
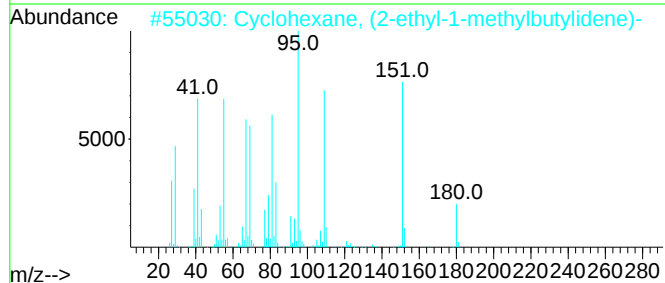
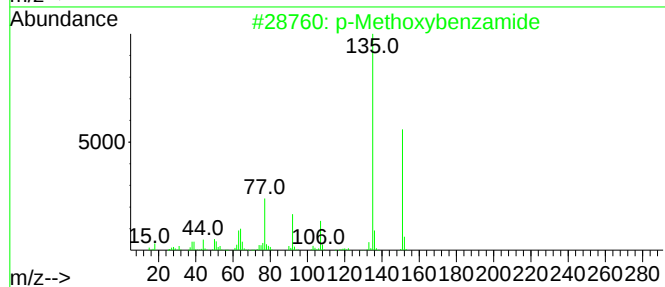
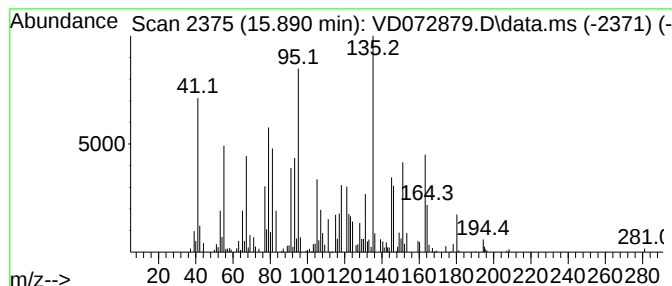
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Quant Title : SW846 8260

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

Peak Number 10 unknown15.890 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	20.54 ug/l	330578	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Methoxybenzamide	151	C8H9NO2	003424-93-9	25
2			Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	22
3			1-Chloro-3-trimethylsilyl-2-prop...	164	C6H13ClOSi	1000427-07-7	18
4			Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	15
5			1-(2-Hydroxy-5-methylphenyl)prop...	164	C10H12O2	000938-45-4	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
Data File : VD072879.D
Acq On : 07 May 2022 05:49
Operator : VA/SY
Sample : N2725-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
24702

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.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
Adamantane	14.267	11.1	ug/l	178727	4	13.561	804675	50.0
Naphthalene, de...	14.390	14.0	ug/l	224961	4	13.561	804675	50.0
Adamantane, 1,3...	14.526	16.4	ug/l	264578	4	13.561	804675	50.0
cis-Decalin, 2-...	14.814	16.5	ug/l	264862	4	13.561	804675	50.0
Naphthalene, de...	14.861	21.5	ug/l	345798	4	13.561	804675	50.0
cis,trans-1,6-D...	14.979	11.1	ug/l	178546	4	13.561	804675	50.0
2-Methyladamantane	15.014	19.0	ug/l	305802	4	13.561	804675	50.0
1,4-Dimethylada...	15.432	50.1	ug/l	806827	4	13.561	804675	50.0
unknown15.890	15.890	20.5	ug/l	330578	4	13.561	804675	50.0