

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019508.D
 Acq On : 20 Jul 2021 13:40
 Operator : SY/VA
 Sample : M3056-01
 Misc : 5.08g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-VNJ-239

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_W\Method\82W071921S.M
 Title : SW846 8260

Signal : TIC: VW019508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.325	63	69	81	rBV	46175	93544	2.37%	0.707%
2	4.135	354	366	385	rBV	1346060	3940741	100.00%	29.785%
3	4.434	404	415	433	rVB	30501	140268	3.56%	1.060%
4	4.922	483	495	512	rBV2	21647	79894	2.03%	0.604%
5	5.196	525	540	557	rBV3	14336	60969	1.55%	0.461%
6	7.177	850	865	879	rBV	153950	431987	10.96%	3.265%
7	7.891	971	982	986	rBV	191624	443230	11.25%	3.350%
8	7.952	986	992	1005	rVB	315395	702313	17.82%	5.308%
9	8.311	1041	1051	1062	rBV	190088	429110	10.89%	3.243%
10	8.842	1129	1138	1151	rBV	501760	1010318	25.64%	7.636%
11	9.287	1203	1211	1225	rBV	191237	362849	9.21%	2.743%
12	10.323	1372	1381	1389	rBV	752316	1340925	34.03%	10.135%
13	10.969	1478	1487	1493	rBV	34187	60032	1.52%	0.454%
14	11.634	1586	1596	1605	rBV	613171	1020240	25.89%	7.711%
15	12.237	1690	1695	1703	rVB	26888	45611	1.16%	0.345%
16	12.622	1751	1758	1765	rBV	409129	678051	17.21%	5.125%
17	12.932	1805	1809	1815	rVV2	48900	84240	2.14%	0.637%
18	13.414	1879	1888	1891	rBV10	14778	50250	1.28%	0.380%
19	13.560	1905	1912	1918	rVV	412225	689795	17.50%	5.214%
20	13.877	1958	1964	1975	rBV6	36648	105759	2.68%	0.799%
21	13.975	1976	1980	1989	rBV8	15673	45714	1.16%	0.346%
22	14.261	2022	2027	2034	rVV	50482	103745	2.63%	0.784%
23	14.414	2043	2052	2062	rVV2	97402	229990	5.84%	1.738%
24	14.524	2065	2070	2077	rVV	45086	117403	2.98%	0.887%
25	14.597	2077	2082	2094	rVB8	35153	115738	2.94%	0.875%
26	14.798	2110	2115	2121	rBV5	20186	61402	1.56%	0.464%
27	15.005	2144	2149	2154	rVB	77472	136235	3.46%	1.030%
28	15.066	2155	2159	2164	rVB2	49468	83772	2.13%	0.633%
29	15.127	2165	2169	2172	rBV	41477	77645	1.97%	0.587%
30	15.408	2210	2215	2223	rBV4	58983	163657	4.15%	1.237%
31	15.859	2285	2289	2293	rBV3	36028	62464	1.59%	0.472%
32	16.627	2410	2415	2430	rVB9	86414	262531	6.66%	1.984%

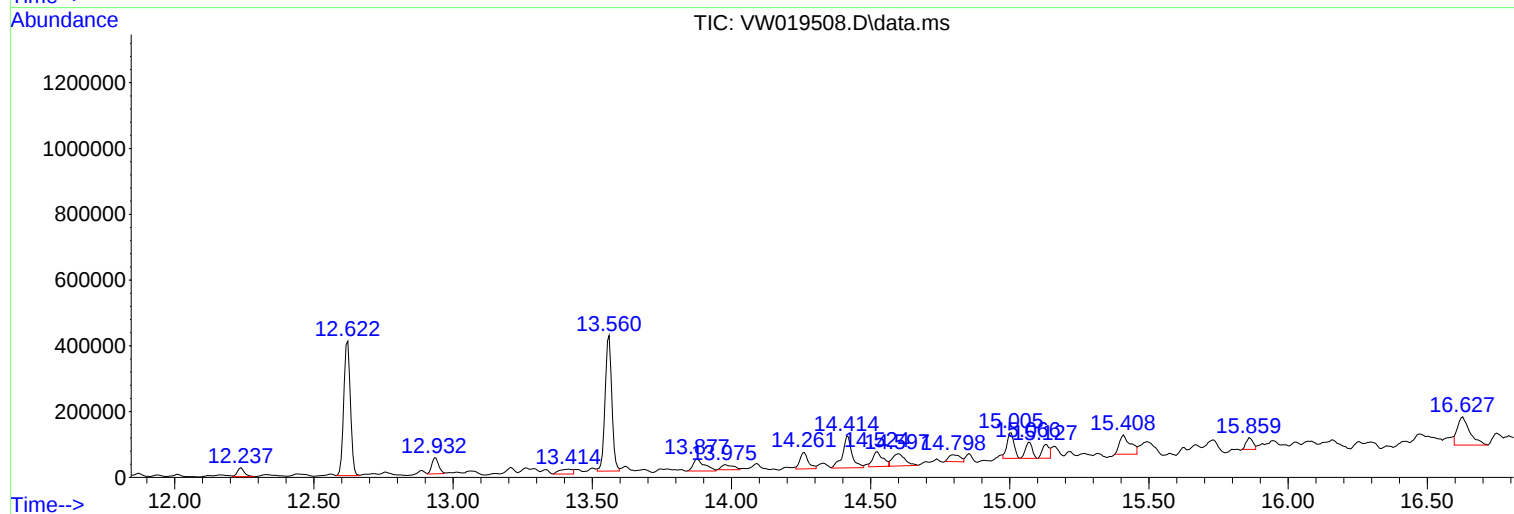
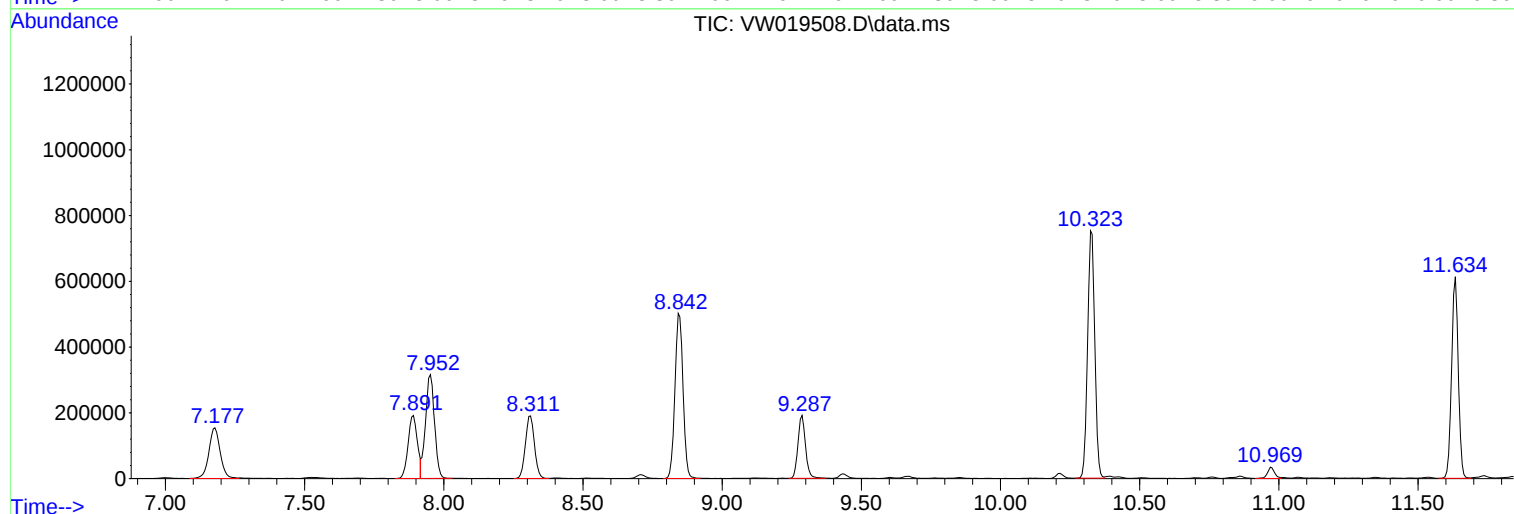
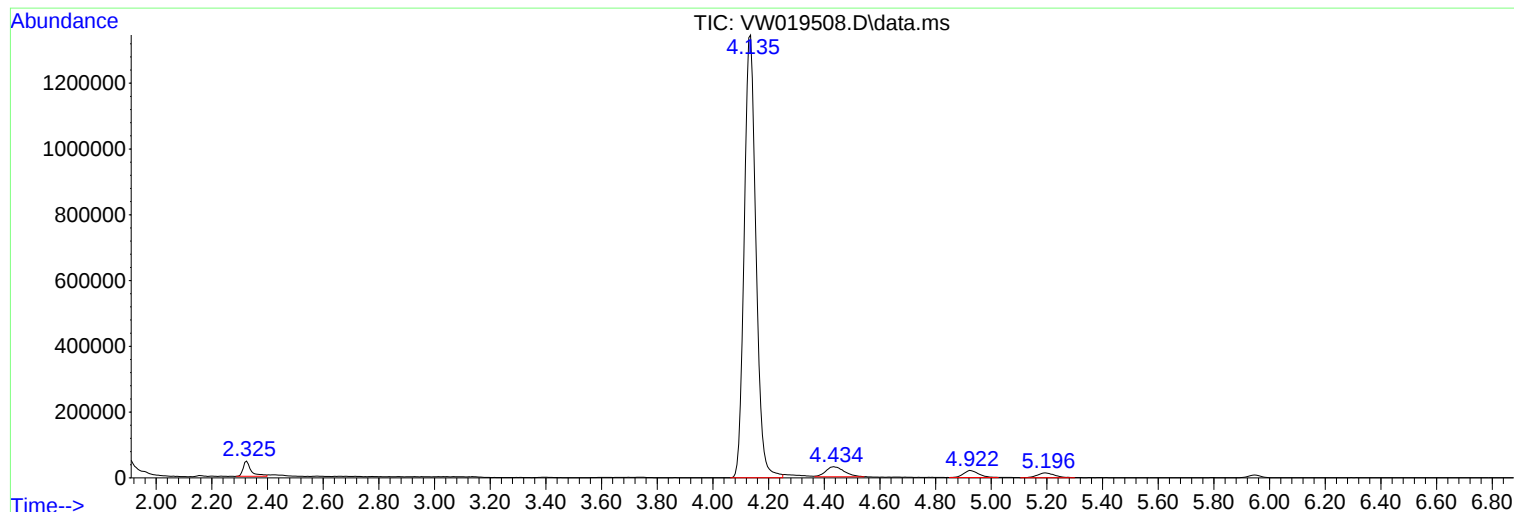
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260

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



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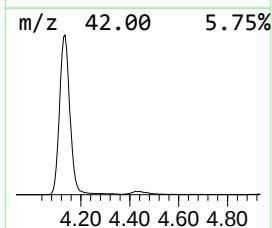
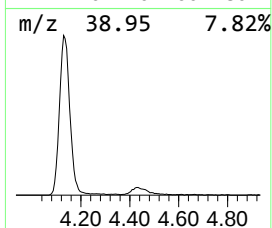
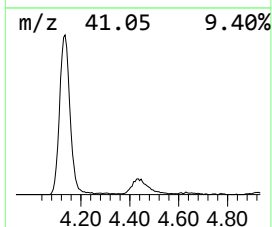
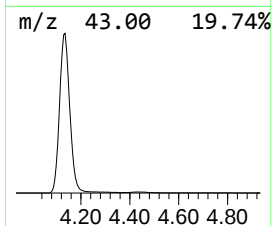
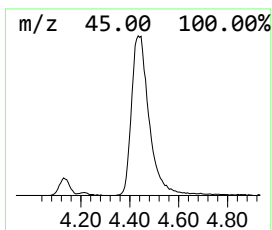
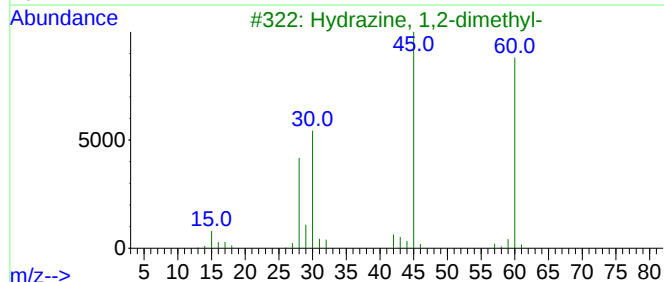
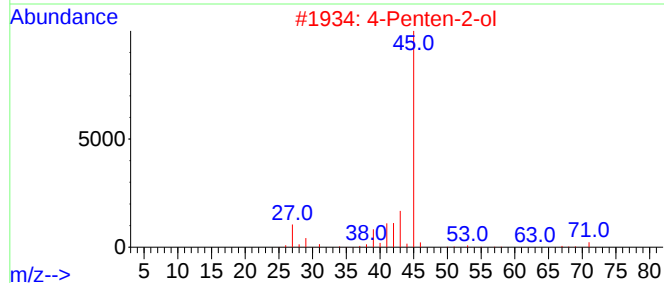
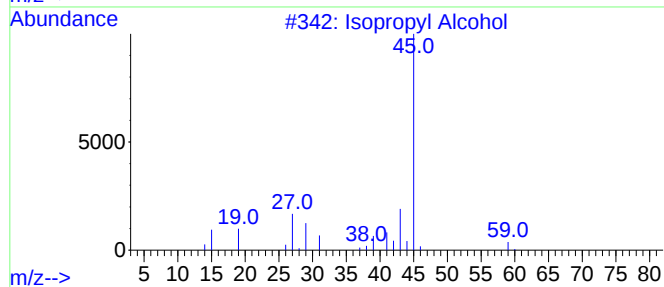
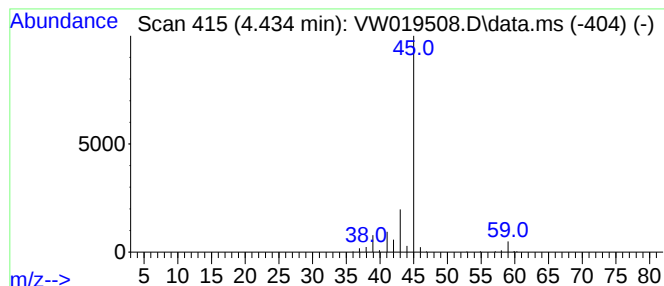
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.434	9.99 ug/l	140268	Pentafluorobenzene	7.952

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2			4-Penten-2-ol	86	C5H10O	000625-31-0	40
3			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
4			2-Propanone, 1-methoxy-	88	C4H8O2	005878-19-3	4
5			Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	4



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ClientSampleId :
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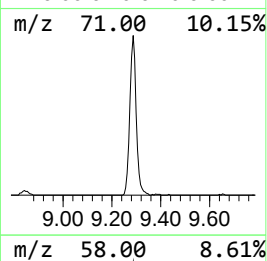
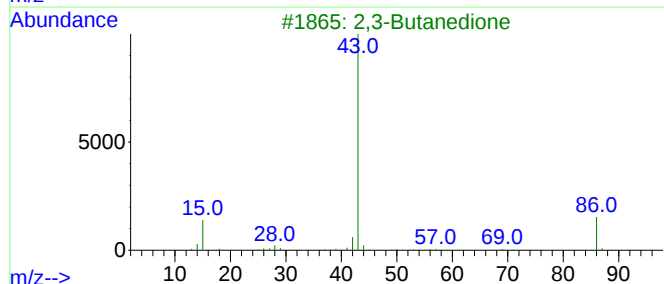
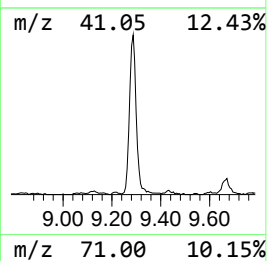
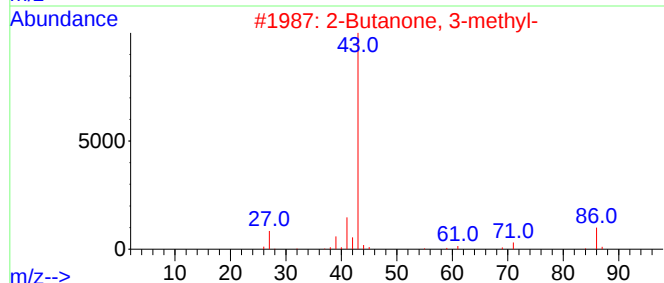
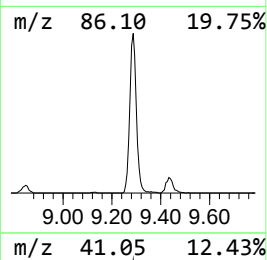
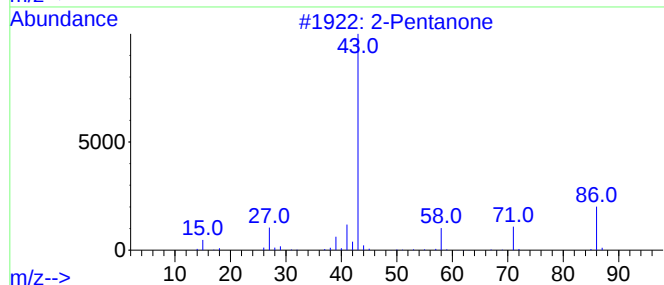
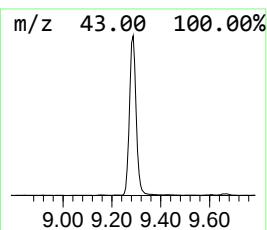
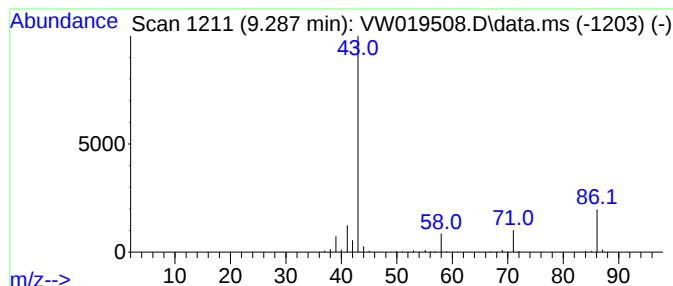
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Pentanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	17.96 ug/l	362849	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone	86	C5H10O	000107-87-9	91
2			2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
3			2,3-Butanedione	86	C4H6O2	000431-03-8	50
4			3,3-Dimethyl-2,4-pentane dione	128	C7H12O2	003142-58-3	33
5			2-Propanone, methylhydrazone	86	C4H10N2	005771-02-8	9



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ALS Vial : 5 Sample Multiplier: 1

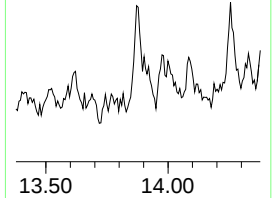
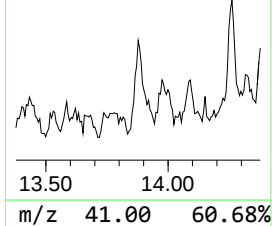
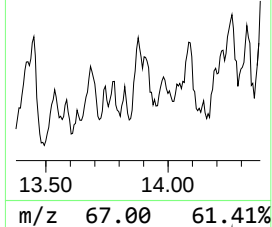
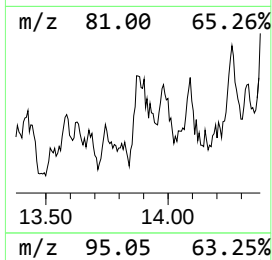
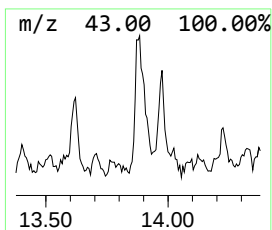
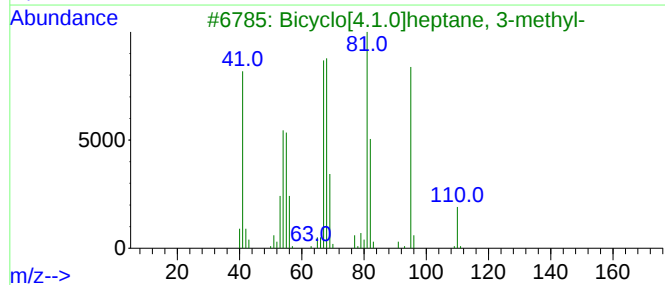
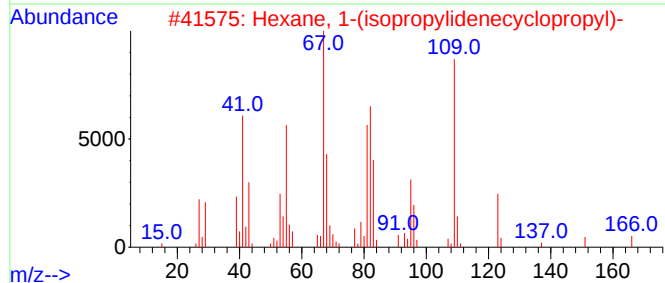
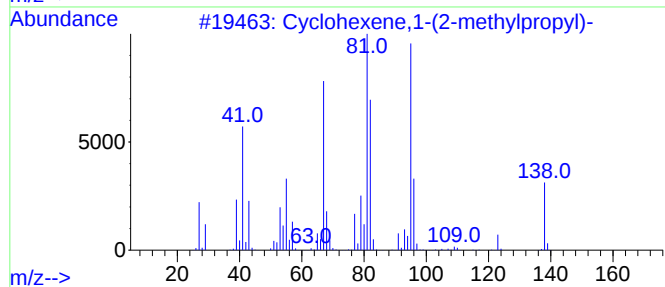
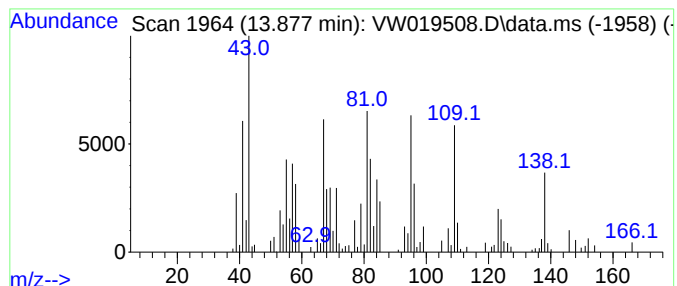
Instrument :
MSVOA_W
ClientSampleId :
RO-VNJ-239

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclohexene,1-(2-methylprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.877	7.67 ug/l	105759	1,4-Dichlorobenzene-d4	13.560	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,1-(2-methylpropyl)-	138	C10H18	003983-03-7	60
2	Hexane, 1-(isopropylidenecyclopr...	166	C12H22	024524-53-6	60
3	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	58
4	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	55
5	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	53



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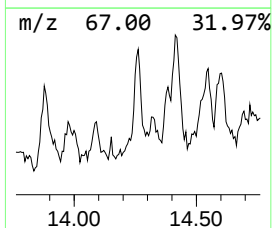
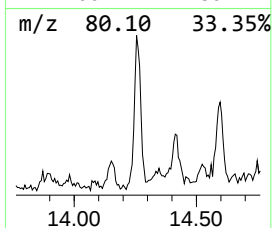
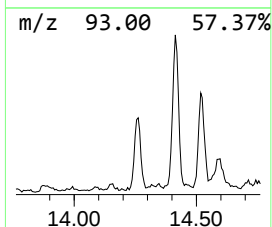
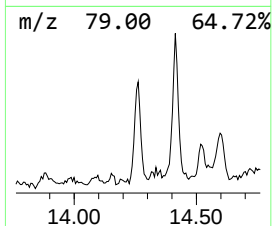
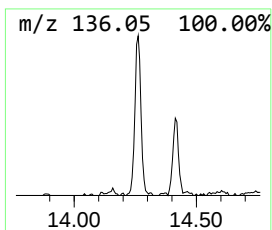
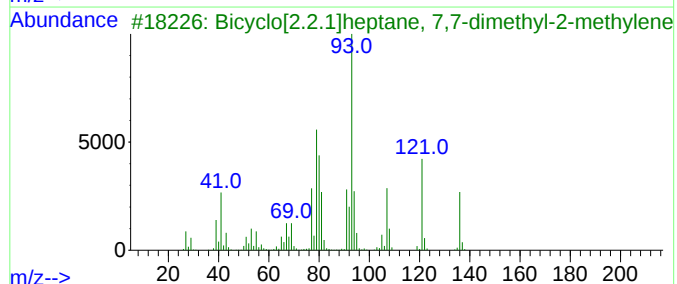
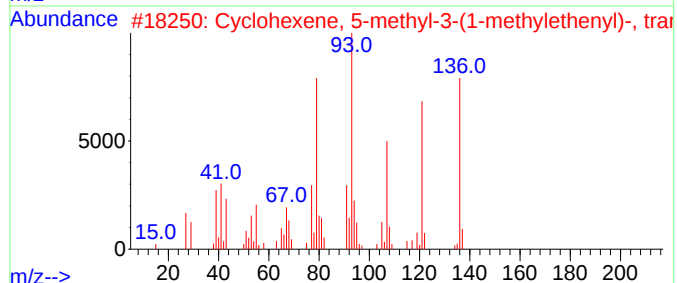
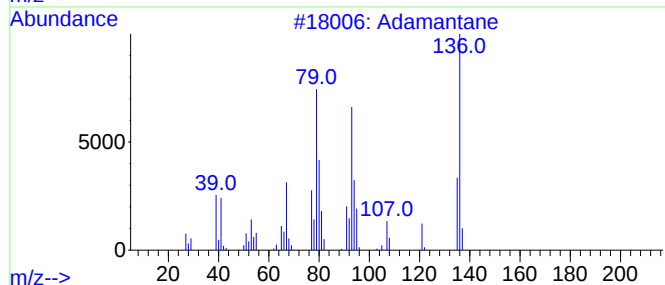
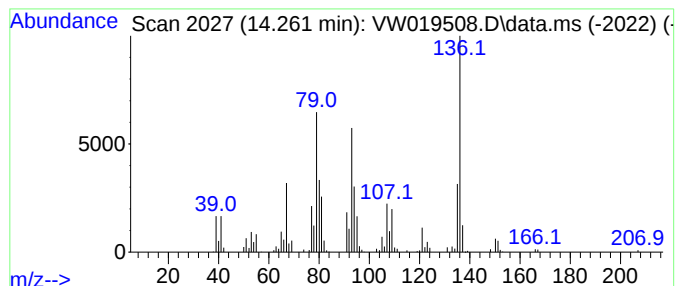
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Adamantane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.262	7.52 ug/l	103745	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane	136	C10H16	000281-23-2	97
2			Cyclohexene, 5-methyl-3-(1-methy...	136	C10H16	056816-08-1	68
3			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	58
4			Cyclohexene, 3-methyl-6-(1-methy...	136	C10H16	005113-87-1	52
5			1,4-Benzenediamine, 2,3-dimethyl-	136	C8H12N2	005306-96-7	49



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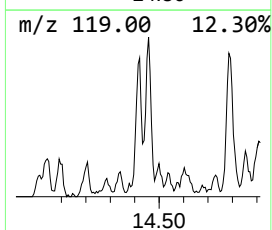
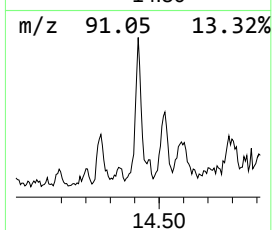
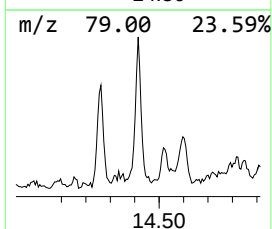
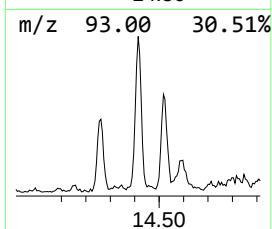
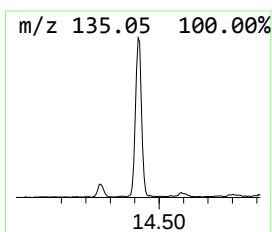
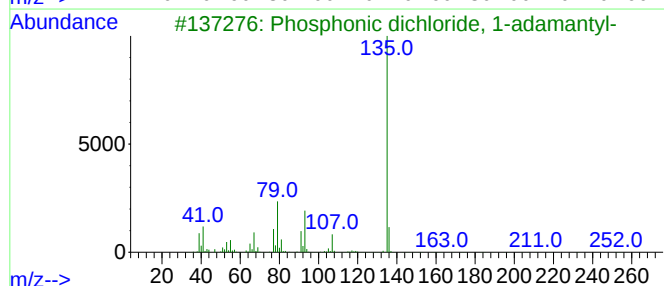
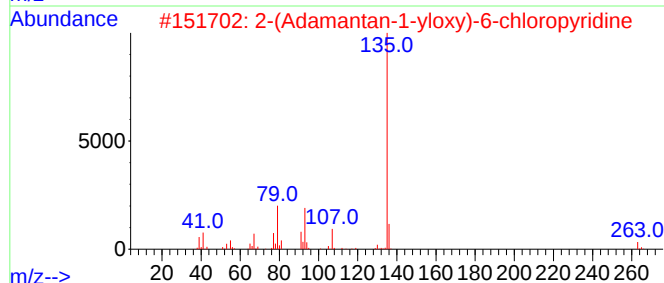
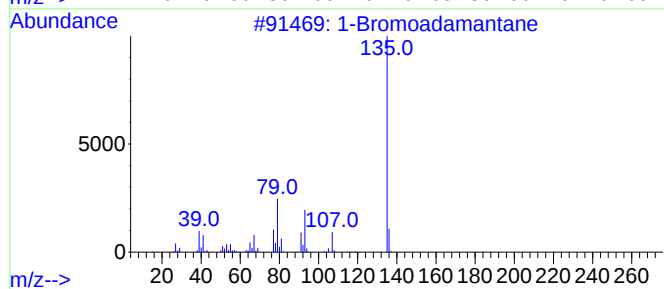
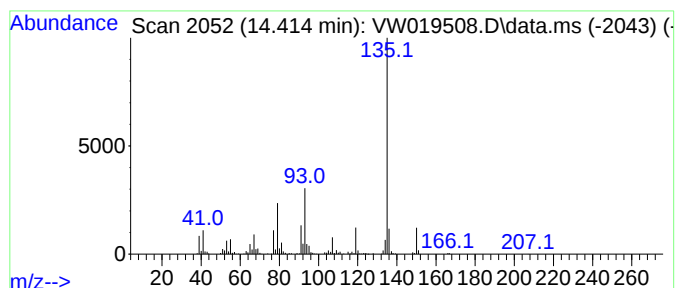
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Bromoadamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	16.67 ug/l	229990	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Bromoadamantane	214	C10H15Br	000768-90-1	64
2			2-(Adamantan-1-yloxy)-6-chloropyr...	263	C15H18ClNO	1000411-33-6	64
3			Phosphonic dichloride, 1-adamantyl-	252	C10H15Cl2OP	1000294-15-7	64
4			1-Iodoadamantane	262	C10H15I	000768-93-4	64
5			N-(3-Hydroxy-2,6-dimethyl-4-pyri...	300	C18H24N2O2	1000260-99-3	64



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ClientSampleId :
RO-VNJ-239

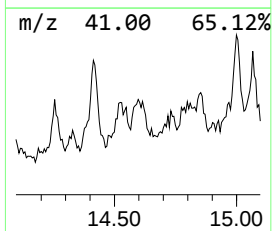
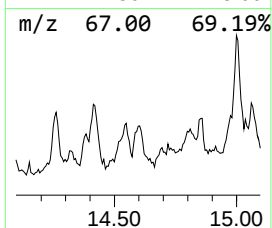
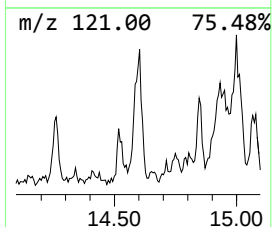
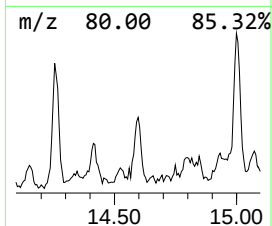
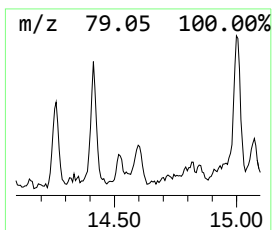
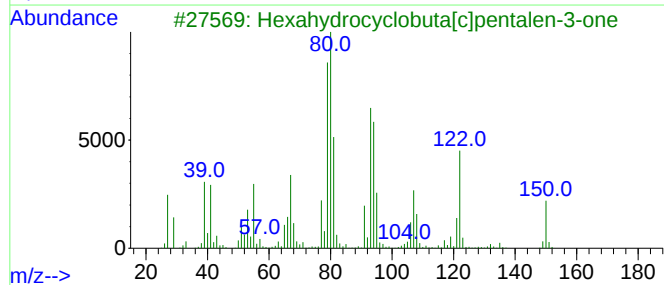
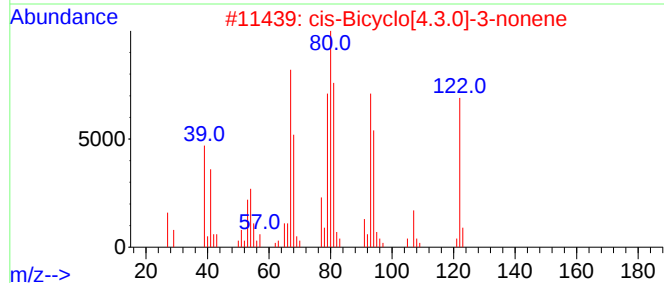
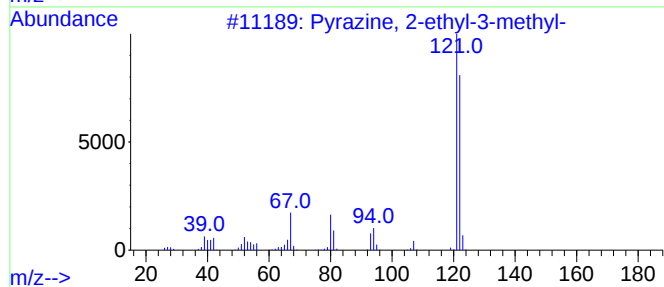
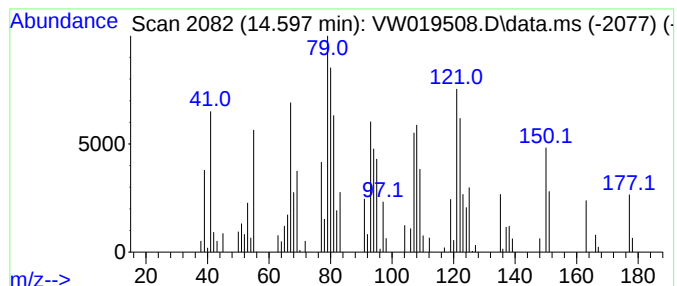
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Quant Title : SW846 8260

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

Peak Number 7 Pyrazine, 2-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.597	8.39 ug/l	115738	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrazine, 2-ethyl-3-methyl-	122	C7H10N2	015707-23-0	91
2			cis-Bicyclo[4.3.0]-3-nonene	122	C9H14	085236-78-8	78
3			Hexahydrocyclobuta[c]pentalen-3-one	150	C10H14O	1000191-38-5	76
4			1H-Indene, 2,3,4,5,6,7-hexahydro-	122	C9H14	000695-90-9	64
5			(3E,5Z)-1,3,5-Undecatriene	150	C11H18	051447-08-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
Data File : VW019508.D
Acq On : 20 Jul 2021 13:40
Operator : SY/VA
Sample : M3056-01
Misc : 5.08g/5.0mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RO-VNJ-239

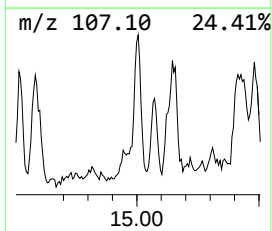
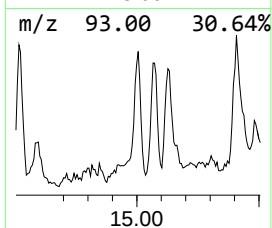
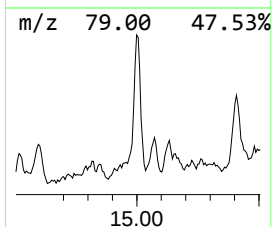
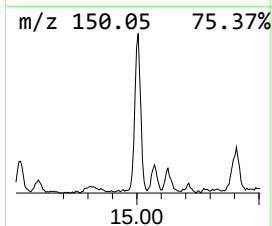
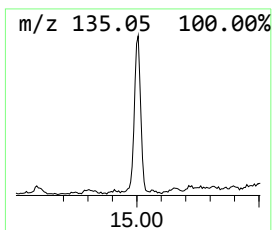
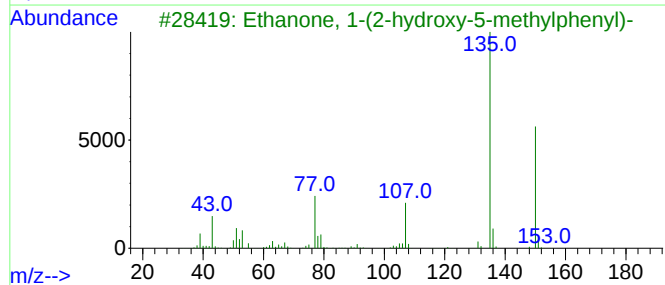
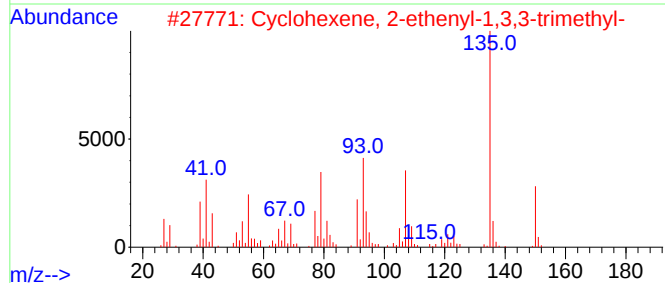
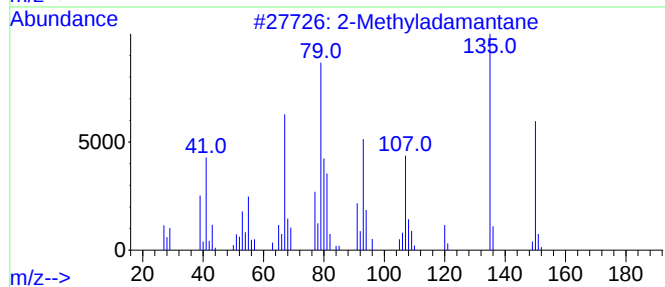
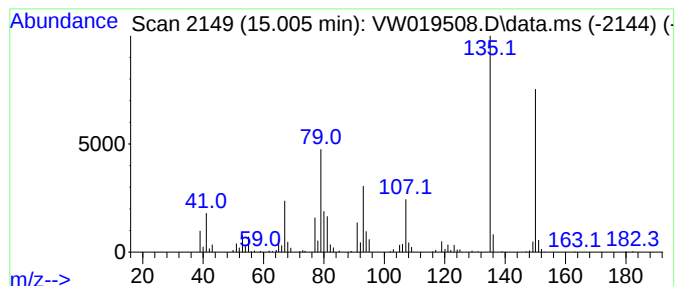
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Quant Title : SW846 8260

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

Peak Number 8 2-Methyladamantane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.005	9.88 ug/l	136235	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyladamantane	150	C11H18	000700-56-1	87
2			Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	72
3			Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	58
4			3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	53
5			Phenol, 5-ethenyl-2-methoxy-	150	C9H10O2	000621-58-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
Data File : VW019508.D
Acq On : 20 Jul 2021 13:40
Operator : SY/VA
Sample : M3056-01
Misc : 5.08g/5.0mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RO-VNJ-239

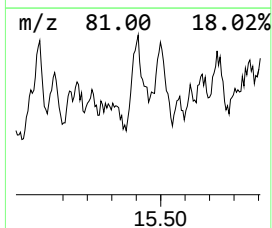
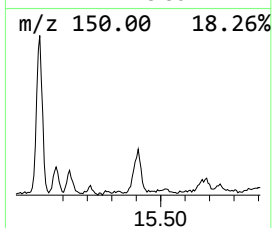
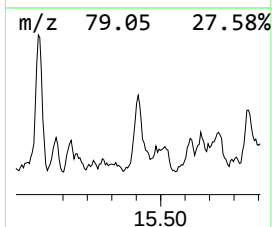
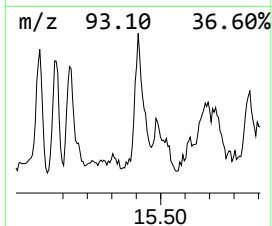
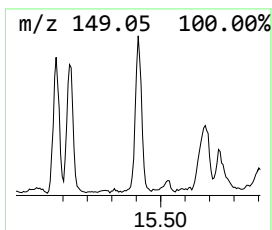
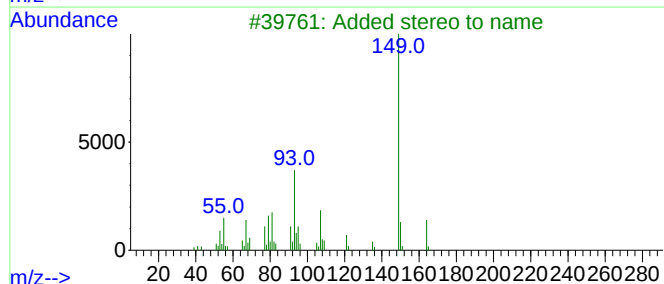
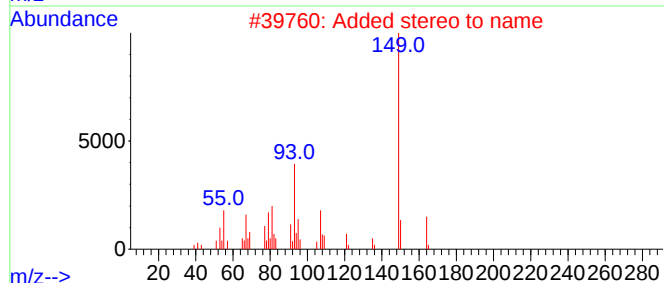
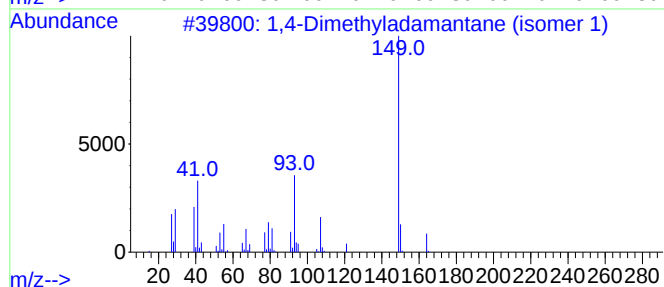
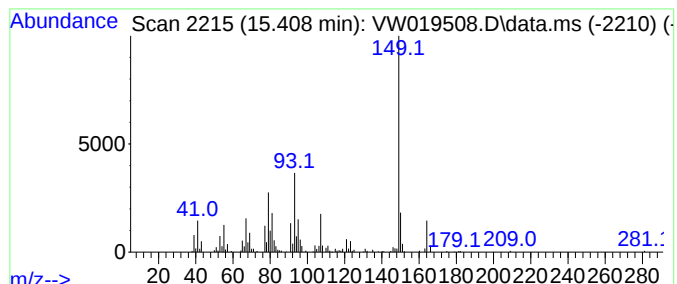
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.408	11.86 ug/l	163657	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	81
2			Added stereo to name	164	C12H20	024145-88-8	81
3			Added stereo to name	164	C12H20	024145-89-9	74
4			Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	64
5			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
Data File : VW019508.D
Acq On : 20 Jul 2021 13:40
Operator : SY/VA
Sample : M3056-01
Misc : 5.08g/5.0mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RO-VNJ-239

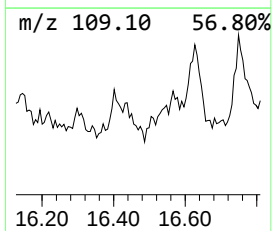
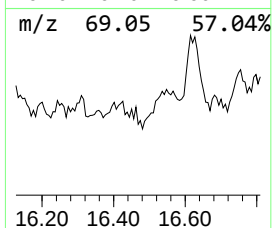
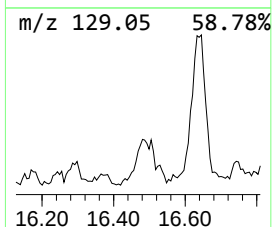
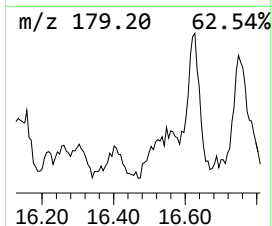
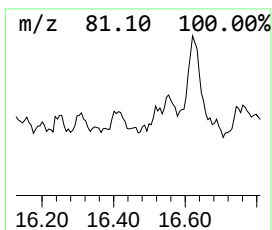
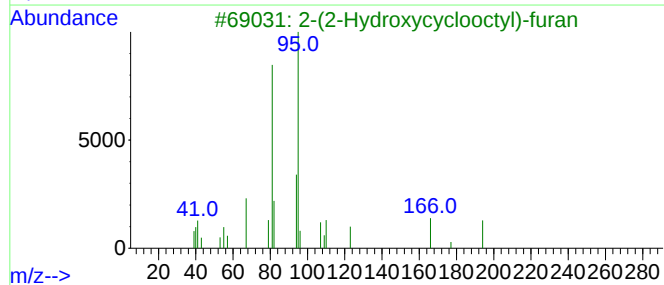
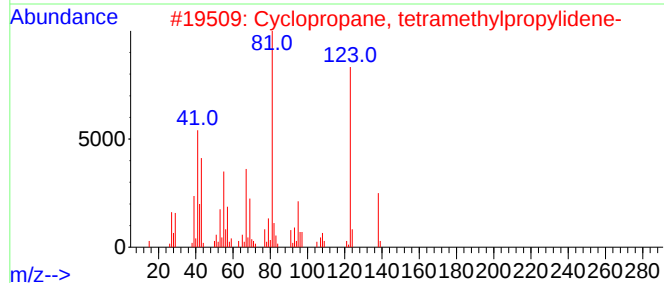
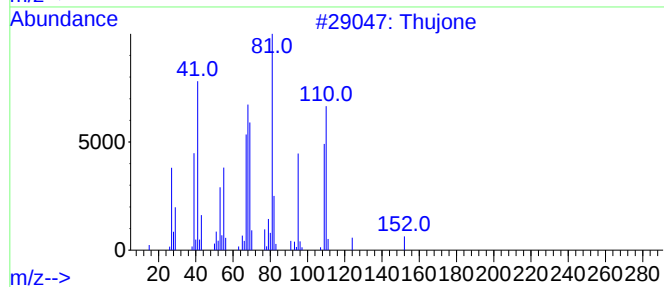
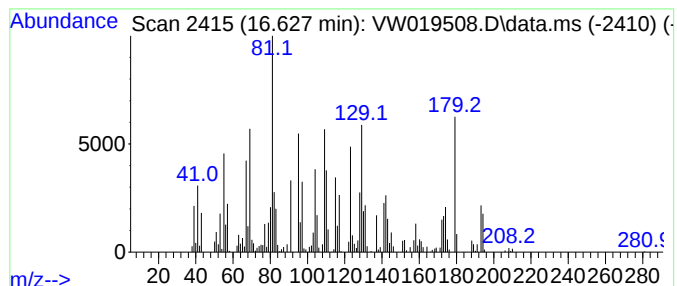
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Quant Title : SW846 8260

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

Peak Number 10 unknown16.627 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.627	19.03 ug/l	262531	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thujone	152	C10H16O	000546-80-5	38
2			Cyclopropane, tetramethylpropyli...	138	C10H18	024519-04-8	22
3			2-(2-Hydroxycyclooctyl)-furan	194	C12H18O2	115754-90-0	22
4			1-Undecyne	152	C11H20	002243-98-3	22
5			Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-30-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019508.D
 Acq On : 20 Jul 2021 13:40
 Operator : SY/VA
 Sample : M3056-01
 Misc : 5.08g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-VNJ-239

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.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
Isopropyl Alcohol	4.434	10.0	ug/l	140268	1	7.952	702313	50.0
2-Pentanone	9.287	18.0	ug/l	362849	2	8.842	1010320	50.0
Cyclohexene,1-(...	13.877	7.7	ug/l	105759	4	13.560	689795	50.0
Adamantane	14.262	7.5	ug/l	103745	4	13.560	689795	50.0
1-Bromoadamantane	14.414	16.7	ug/l	229990	4	13.560	689795	50.0
Pyrazine, 2-eth...	14.597	8.4	ug/l	115738	4	13.560	689795	50.0
2-Methyladamantane	15.005	9.9	ug/l	136235	4	13.560	689795	50.0
1,4-Dimethylada...	15.408	11.9	ug/l	163657	4	13.560	689795	50.0
unknown16.627	16.627	19.0	ug/l	262531	4	13.560	689795	50.0