

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017621.D
 Acq On : 23 Jul 2020 23:03
 Operator : SY/MD
 Sample : L3398-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C51

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	62	70	79	rVB	66121	70163	13.64%	1.299%
2	1.422	98	103	112	rVB2	8213	9929	1.93%	0.184%
3	1.579	143	152	164	rBV	54584	64220	12.49%	1.189%
4	2.122	307	321	333	rBV	117758	179082	34.82%	3.316%
5	3.936	872	885	920	rBV3	47533	196061	38.12%	3.631%
6	4.376	1005	1022	1042	rBV	95494	233838	45.46%	4.330%
7	5.071	1221	1238	1262	rBV4	205364	501443	97.50%	9.286%
8	5.640	1403	1415	1442	rBV	194785	402214	78.20%	7.449%
9	5.939	1493	1508	1525	rBV	112020	218521	42.49%	4.047%
10	6.093	1544	1556	1575	rBV	111982	233311	45.36%	4.321%
11	7.010	1827	1841	1857	rBV	57574	110209	21.43%	2.041%
12	7.338	1930	1943	1961	rBV	248591	427930	83.20%	7.925%
13	7.646	2031	2039	2055	rBV2	33222	60904	11.84%	1.128%
14	8.113	2173	2184	2212	rBV	187583	366739	71.30%	6.792%
15	8.611	2330	2339	2349	rBV9	3937	6041	1.17%	0.112%
16	8.875	2408	2421	2437	rBV	299179	495587	96.36%	9.178%
17	9.080	2477	2485	2494	rBV	7805	11442	2.22%	0.212%
18	9.495	2598	2614	2626	rBV	11025	28761	5.59%	0.533%
19	10.154	2810	2819	2826	rBV10	4999	8790	1.71%	0.163%
20	10.238	2833	2845	2864	rVB2	77208	138233	26.88%	2.560%
21	10.643	2961	2971	2979	rVB2	4704	8204	1.60%	0.152%
22	10.756	2994	3006	3020	rVB2	10530	20435	3.97%	0.378%
23	11.045	3088	3096	3103	rBV2	4429	7573	1.47%	0.140%
24	11.270	3155	3166	3185	rBV	303228	489077	95.09%	9.057%
25	11.383	3193	3201	3206	rBV10	4123	6552	1.27%	0.121%
26	11.646	3267	3283	3304	rVB	279202	514326	100.00%	9.525%
27	11.958	3373	3380	3389	rBV	5745	9607	1.87%	0.178%
28	12.067	3402	3414	3426	rBV5	30655	52005	10.11%	0.963%
29	12.157	3432	3442	3444	rBV8	5834	8774	1.71%	0.162%
30	12.193	3444	3453	3466	rVV3	45863	84169	16.36%	1.559%
31	12.267	3466	3476	3492	rVB3	39761	92617	18.01%	1.715%
32	12.411	3509	3521	3528	rBV3	12719	22725	4.42%	0.421%
33	12.495	3537	3547	3557	rBV7	22185	35982	7.00%	0.666%
34	12.746	3614	3625	3637	rBV7	18496	32624	6.34%	0.604%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
Data File : VV017621.D
Acq On : 23 Jul 2020 23:03
Operator : SY/MD
Sample : L3398-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4C51

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_V\METHOD\SOMVTR072320WMA.M
Title : TRACE VOA SOM01.0

35	12.817	3641	3647	3656	rVB10	10945	17165	3.34%	0.318%
36	12.894	3662	3671	3673	rBV9	9665	12409	2.41%	0.230%
37	12.968	3686	3694	3702	rBV9	6675	9863	1.92%	0.183%
38	13.029	3702	3713	3727	rBV6	38940	81610	15.87%	1.511%
39	13.096	3728	3734	3739	rBV7	8431	12986	2.52%	0.240%
40	13.183	3752	3761	3768	rVB4	8013	12666	2.46%	0.235%
41	13.292	3787	3795	3801	rBV4	7296	10168	1.98%	0.188%
42	13.402	3821	3829	3832	rBV4	3816	5967	1.16%	0.111%
43	13.505	3852	3861	3868	rBV4	17414	26041	5.06%	0.482%
44	13.556	3870	3877	3884	rVV4	4519	7235	1.41%	0.134%
45	13.823	3953	3960	3964	rBV8	4224	5867	1.14%	0.109%
46	13.897	3974	3983	3994	rVB8	7569	14254	2.77%	0.264%
47	14.321	4113	4115	4125	rVB10	5230	5892	1.15%	0.109%
48	14.460	4149	4158	4168	rBV10	9103	16963	3.30%	0.314%
49	14.604	4194	4203	4211	rBV10	6188	12720	2.47%	0.236%

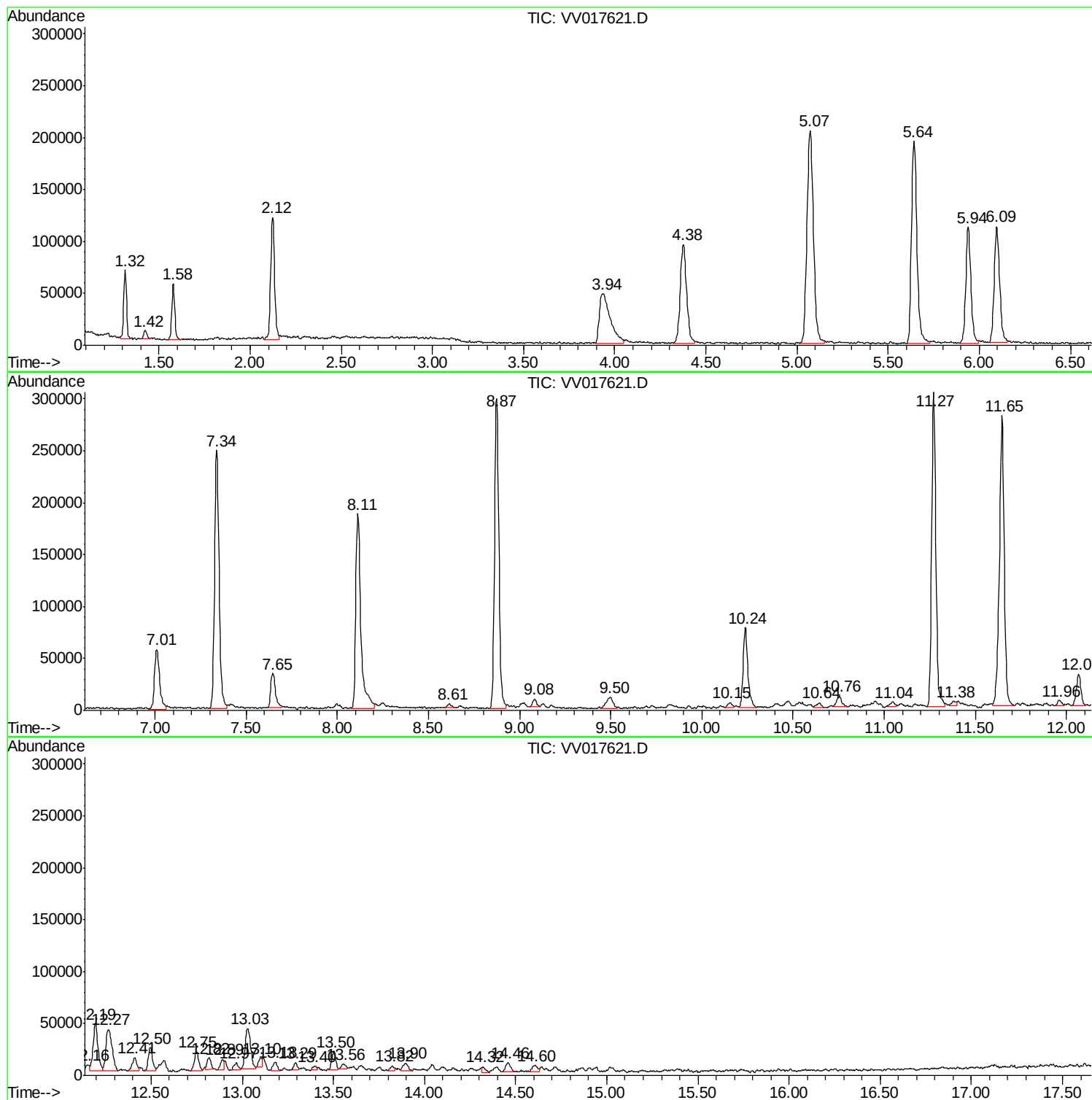
Sum of corrected areas: 5399894

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072320\
Data File : VV017621.D
Acq On : 23 Jul 2020 23:03
Operator : SY/MD
Sample : L3398-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :
F4C51

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072320\
Data File : VV017621.D
Acq On : 23 Jul 2020 23:03
Operator : SY/MD
Sample : L3398-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4C51

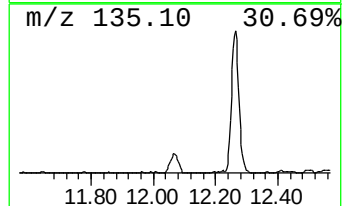
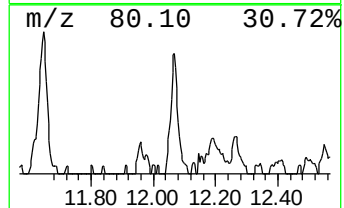
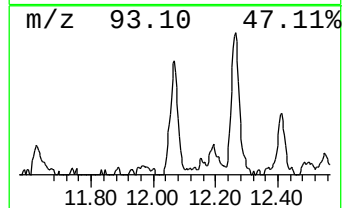
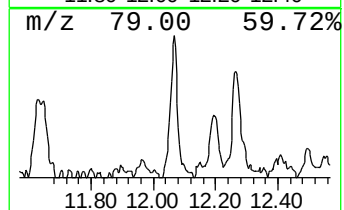
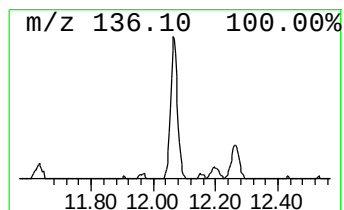
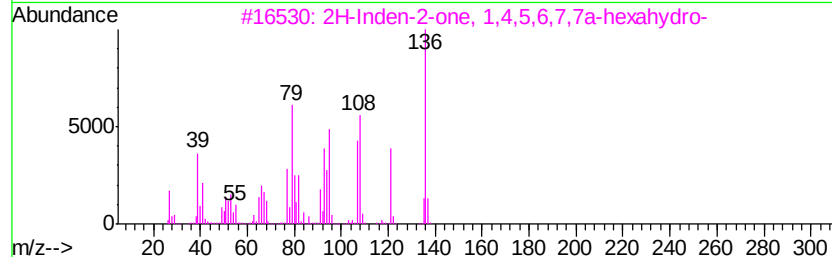
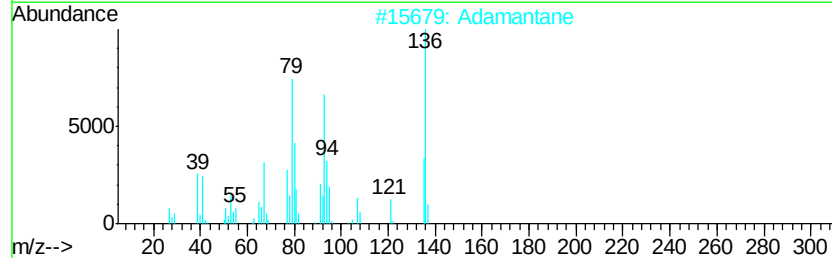
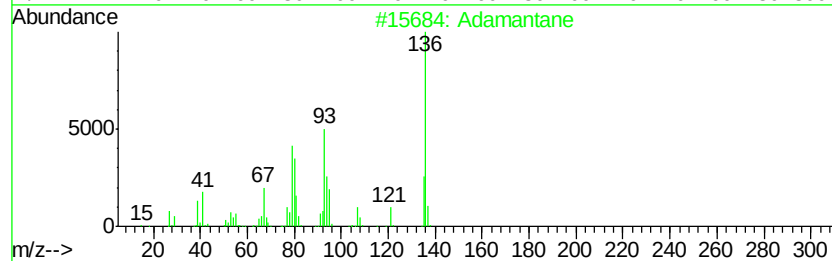
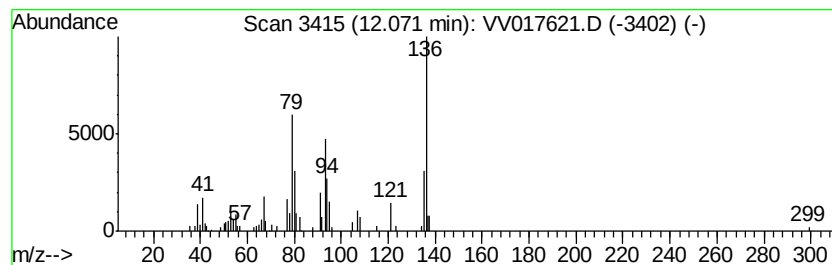
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Adamantane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	0.53 ug/L	52005	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	91
2		Adamantane	136	C10H16	000281-23-2	90
3		2H-Inden-2-one, 1,4,5,6,7,7a-hex...	136	C9H12O	039163-29-6	80
4		Adamantane	136	C10H16	000281-23-2	74
5		1,3-Cyclohexadiene, 5-butyl-	136	C10H16	030168-57-1	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072320\
Data File : VV017621.D
Acq On : 23 Jul 2020 23:03
Operator : SY/MD
Sample : L3398-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4C51

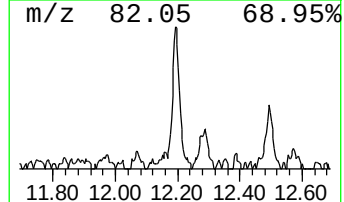
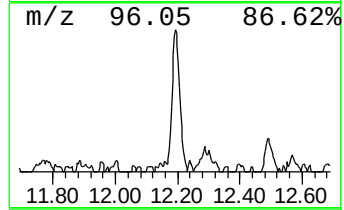
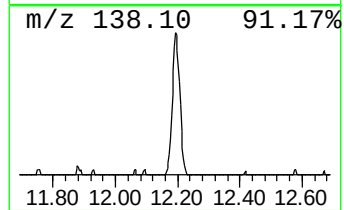
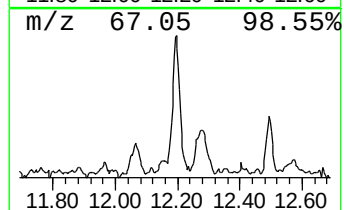
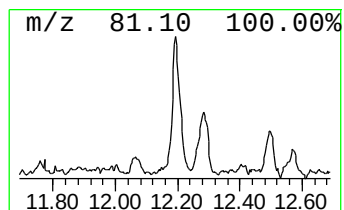
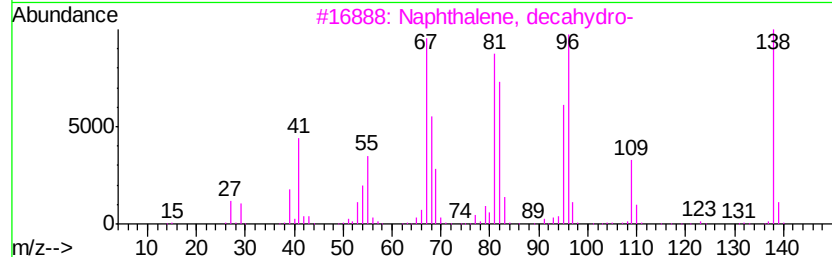
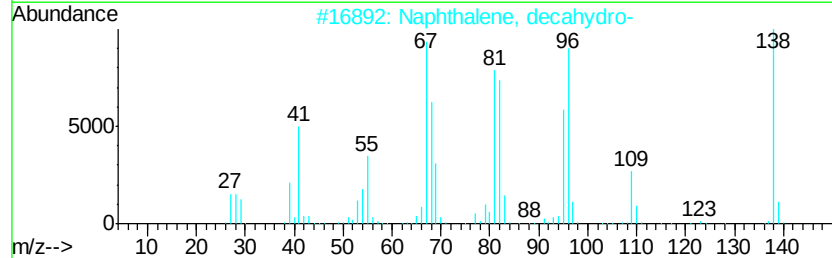
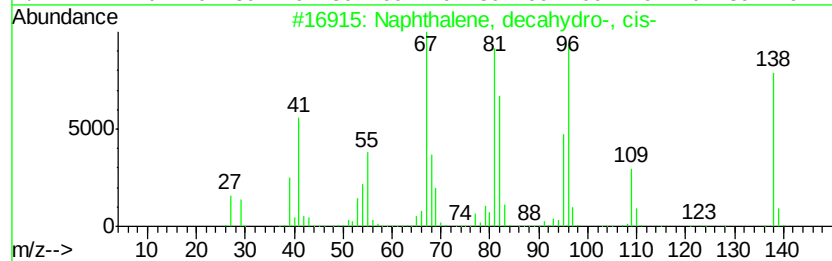
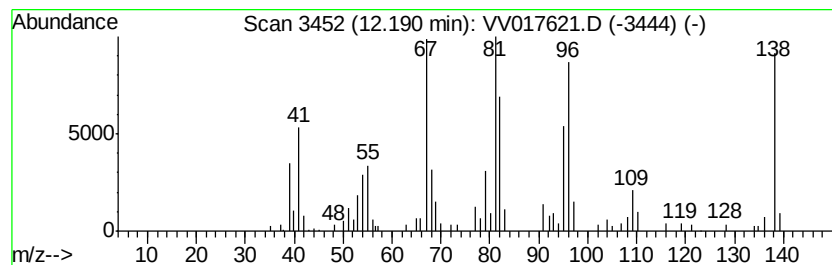
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro-, cis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	0.86 ug/L	84169	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	97
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	95
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
4		Spiro[4.5]decane	138	C10H18	000176-63-6	90
5		Naphthalene, decahydro-	138	C10H18	000091-17-8	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072320\
Data File : VV017621.D
Acq On : 23 Jul 2020 23:03
Operator : SY/MD
Sample : L3398-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4C51

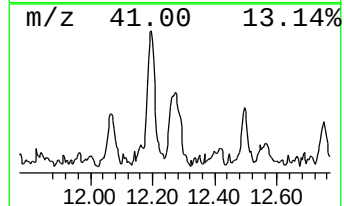
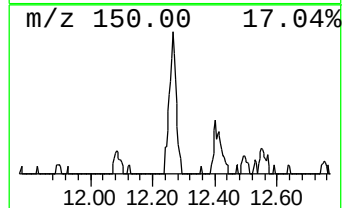
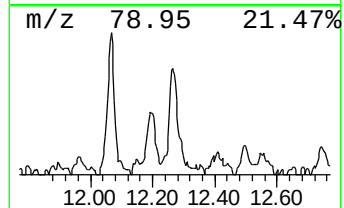
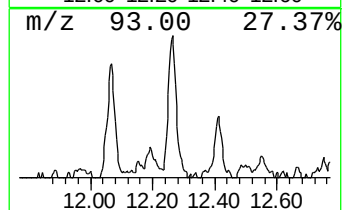
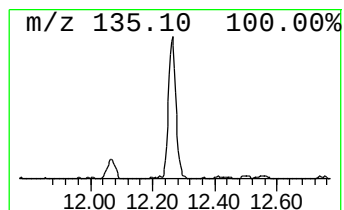
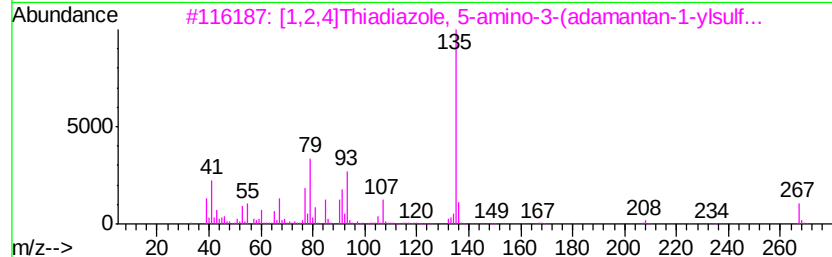
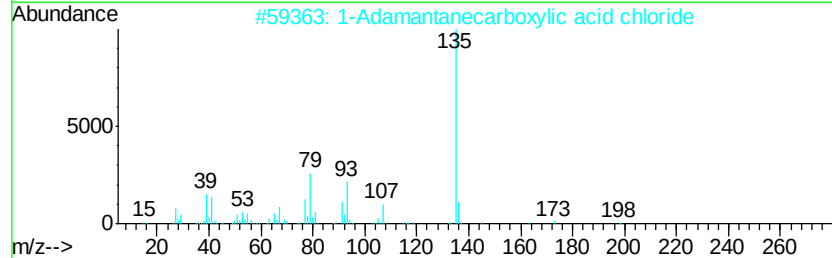
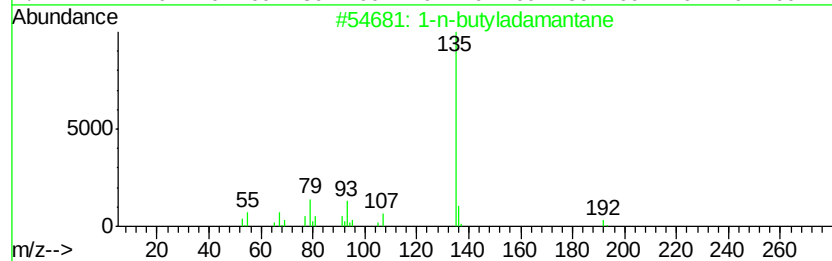
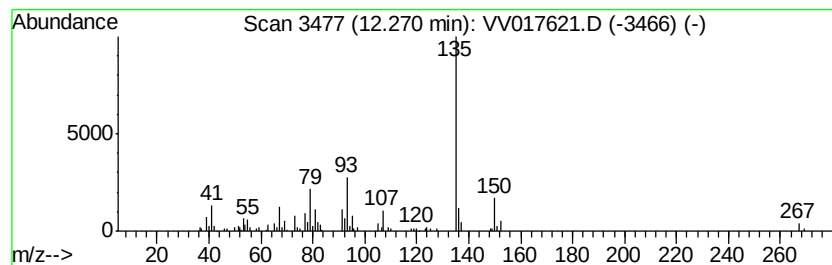
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-n-butyladamantane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	0.95 ug/L	92617	1,4-Dichlorobenzene-d4	11.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-n-butyladamantane		192	C14H24	014449-41-3	80
2	1-Adamantanecarboxylic acid chlo...		198	C11H15ClO	002094-72-6	72
3	[1,2,4]Thiadiazole, 5-amino-3-(a...		267	C12H17N3S2	1000316-42-5	72
4	1H-Pyrazole-3-carboxylic acid, 1...		345	C19H27N3O3	1000351-30-4	72
5	Propan-1-one, 1-(1-adamantanyl)-...		249	C14H19NO3	313231-18-4	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072320\
Data File : VV017621.D
Acq On : 23 Jul 2020 23:03
Operator : SY/MD
Sample : L3398-03
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4C51

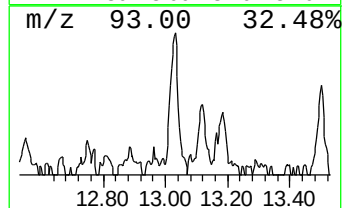
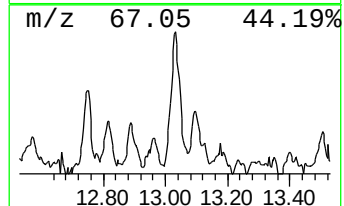
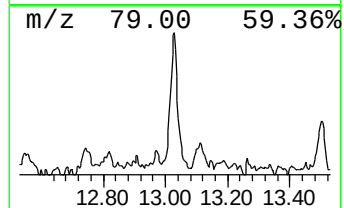
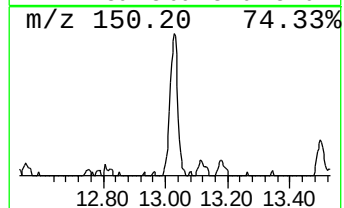
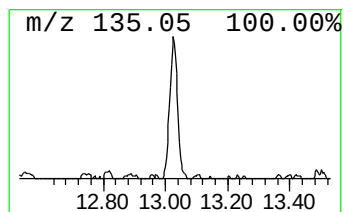
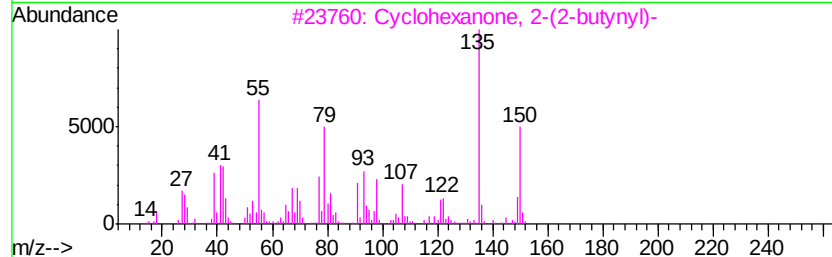
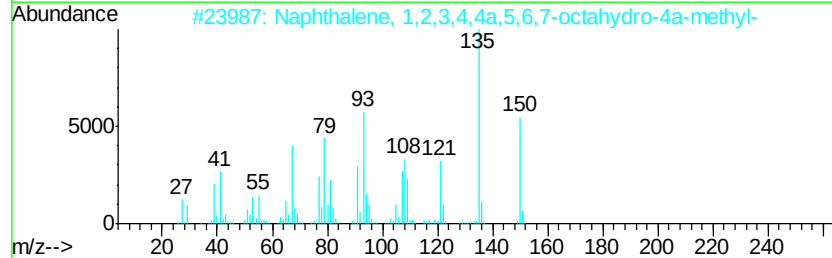
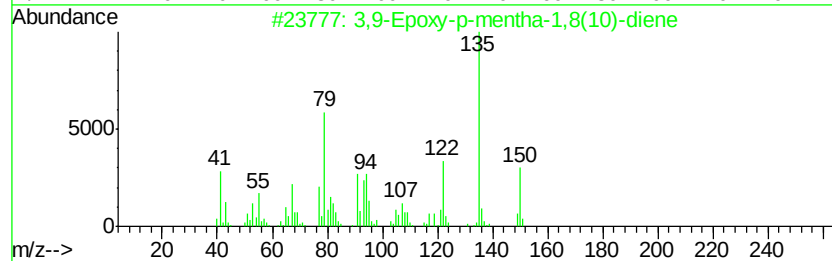
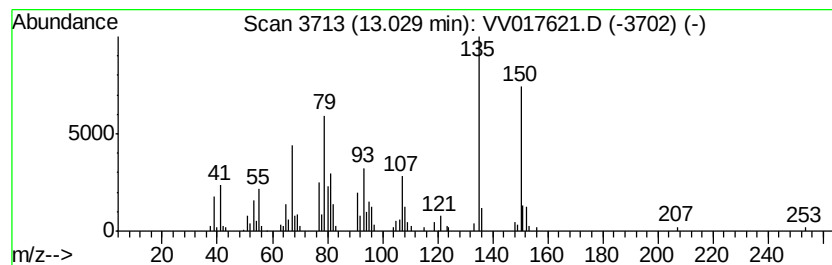
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 3,9-Epoxy-p-mentha-1,8(10)-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	0.83 ug/L	81610	1,4-Dichlorobenzene-d4	11.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	81		
2	Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	80		
3	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	68		
4	p-Cymen-7-ol	150	C10H14O	000536-60-7	68		
5	2,5-Dimethyl-3-isopropylpyrazine	150	C9H14N2	013610-20-3	64		



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072320\
Data File : VV017621.D
Acq On : 23 Jul 2020 23:03
Operator : SY/MD
Sample : L3398-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4C51

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Adamantane	12.07	0.5	ug/L	52005	3	11.27	489077	5.0
Naphthalene, deca...	12.19	0.9	ug/L	84169	3	11.27	489077	5.0
1-n-butyladamantane	12.27	0.9	ug/L	92617	3	11.27	489077	5.0
3,9-Epoxy-p-menth...	13.03	0.8	ug/L	81610	3	11.27	489077	5.0