

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017371.D
 Acq On : 07 Jul 2020 12:15
 Operator : SY/MD
 Sample : L3154-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4267

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\SOMVTR061720WMA.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	1.116	3	8	18	rVB	53768	52385	9.99%	0.904%
2	1.222	36	41	46	rVB2	13061	11820	2.25%	0.204%
3	1.315	60	70	82	rBV3	136520	164454	31.35%	2.838%
4	1.364	82	85	91	rVB4	7567	6500	1.24%	0.112%
5	1.425	100	104	110	rVB4	9007	8834	1.68%	0.152%
6	1.579	138	152	160	rBV	60251	78838	15.03%	1.361%
7	1.643	166	172	180	rVB	11091	12978	2.47%	0.224%
8	1.817	220	226	233	rBV3	14011	18502	3.53%	0.319%
9	1.913	244	256	265	rBV3	6191	11982	2.28%	0.207%
10	2.122	307	321	334	rBV	122057	182752	34.84%	3.154%
11	2.778	515	525	537	rVB8	15583	31045	5.92%	0.536%
12	3.942	872	887	919	rBV3	53897	213739	40.74%	3.689%
13	4.376	1005	1022	1045	rBV	91102	241916	46.11%	4.175%
14	5.071	1222	1238	1267	rBV2	211737	524598	100.00%	9.054%
15	5.640	1403	1415	1443	rBV	199377	413234	78.77%	7.132%
16	5.945	1500	1510	1513	rBV9	4221	6447	1.23%	0.111%
17	6.093	1538	1556	1583	rBV2	115700	266444	50.79%	4.598%
18	6.669	1725	1735	1746	rVB7	7464	16219	3.09%	0.280%
19	6.797	1763	1775	1787	rBV9	11577	26948	5.14%	0.465%
20	7.010	1831	1841	1854	rBV2	61517	109297	20.83%	1.886%
21	7.283	1916	1926	1928	rBV6	5630	7176	1.37%	0.124%
22	7.338	1929	1943	1958	rVB	242725	422530	80.54%	7.292%
23	7.466	1980	1983	1993	rVB8	5264	6596	1.26%	0.114%
24	7.643	2029	2038	2046	rBV	37612	62490	11.91%	1.078%
25	7.807	2085	2089	2098	rVB8	5001	6927	1.32%	0.120%
26	7.865	2098	2107	2115	rBV	13237	21363	4.07%	0.369%
27	8.000	2143	2149	2157	rVB	4031	6296	1.20%	0.109%
28	8.112	2172	2184	2206	rBV	217806	431685	82.29%	7.450%
29	8.370	2252	2264	2274	rBV5	11669	23892	4.55%	0.412%
30	8.412	2274	2277	2289	rVB10	5796	8452	1.61%	0.146%
31	8.527	2299	2313	2316	rBV10	9015	12561	2.39%	0.217%
32	8.871	2409	2420	2441	rBV	304047	496056	94.56%	8.561%
33	9.038	2466	2472	2477	rBV8	4025	5250	1.00%	0.091%
34	9.135	2489	2502	2503	rBV7	7584	12017	2.29%	0.207%

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Integrator: RTE

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35	9.338	2557	2565	2573	rBV7	4744	8058	1.54%	0.139%
36	10.238	2834	2845	2862	rVB2	83136	146003	27.83%	2.520%
37	11.270	3154	3166	3187	rBV	314680	496855	94.71%	8.575%
38	11.559	3246	3256	3269	rBV10	5070	10692	2.04%	0.185%
39	11.646	3269	3283	3300	rBV	268248	430393	82.04%	7.428%
40	11.842	3335	3344	3352	rBV2	8329	13222	2.52%	0.228%
41	12.257	3467	3473	3477	rBV7	3969	5309	1.01%	0.092%
42	12.398	3511	3517	3529	rVB7	4038	6930	1.32%	0.120%
43	12.704	3605	3612	3621	rVB7	5700	10552	2.01%	0.182%
44	13.331	3801	3807	3815	rBV10	4710	7450	1.42%	0.129%
45	13.569	3872	3881	3889	rBV10	4313	7176	1.37%	0.124%
46	13.633	3891	3901	3911	rVV2	46456	72160	13.76%	1.245%
47	13.730	3915	3931	3945	rBV3	46941	83768	15.97%	1.446%
48	14.138	4047	4058	4070	rBV3	18409	33743	6.43%	0.582%
49	14.247	4081	4092	4101	rBV5	27523	48518	9.25%	0.837%
50	14.324	4104	4116	4126	rVB8	28325	57192	10.90%	0.987%
51	14.386	4127	4135	4144	rBV8	7462	13670	2.61%	0.236%
52	14.517	4170	4176	4181	rBV8	6637	8972	1.71%	0.155%
53	14.601	4193	4202	4206	rBV10	6179	10889	2.08%	0.188%
54	14.636	4208	4213	4217	rBV6	7700	9208	1.76%	0.159%
55	14.710	4227	4236	4247	rVB7	39413	80582	15.36%	1.391%
56	14.791	4251	4261	4269	rBV6	16085	29734	5.67%	0.513%
57	14.849	4271	4279	4291	rVB9	10461	22401	4.27%	0.387%
58	14.942	4303	4308	4315	rVB10	9442	12471	2.38%	0.215%
59	15.038	4323	4338	4345	rBV10	10855	24087	4.59%	0.416%
60	15.125	4360	4365	4372	rVB5	9773	14313	2.73%	0.247%
61	15.177	4374	4381	4395	rVB4	19315	37401	7.13%	0.645%
62	15.337	4424	4431	4438	rBV6	12937	22209	4.23%	0.383%
63	15.447	4456	4465	4480	rVB6	21366	48297	9.21%	0.834%
64	15.527	4480	4490	4499	rBV7	12024	21259	4.05%	0.367%
65	15.585	4499	4508	4514	rBV9	11071	18020	3.44%	0.311%
66	15.707	4539	4546	4551	rBV10	8719	14222	2.71%	0.245%
67	15.836	4579	4586	4588	rBV7	8350	8397	1.60%	0.145%
68	15.874	4593	4598	4607	rVB10	7801	12730	2.43%	0.220%
69	16.083	4659	4663	4670	rVB7	6838	8360	1.59%	0.144%
70	16.176	4686	4692	4699	rBV8	4843	6434	1.23%	0.111%
71	16.260	4711	4718	4726	rBV8	5811	10380	1.98%	0.179%

LSC Area Percent Report

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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\SOMVTR061720WMA.M
Title : TRACE VOA SOM01.0

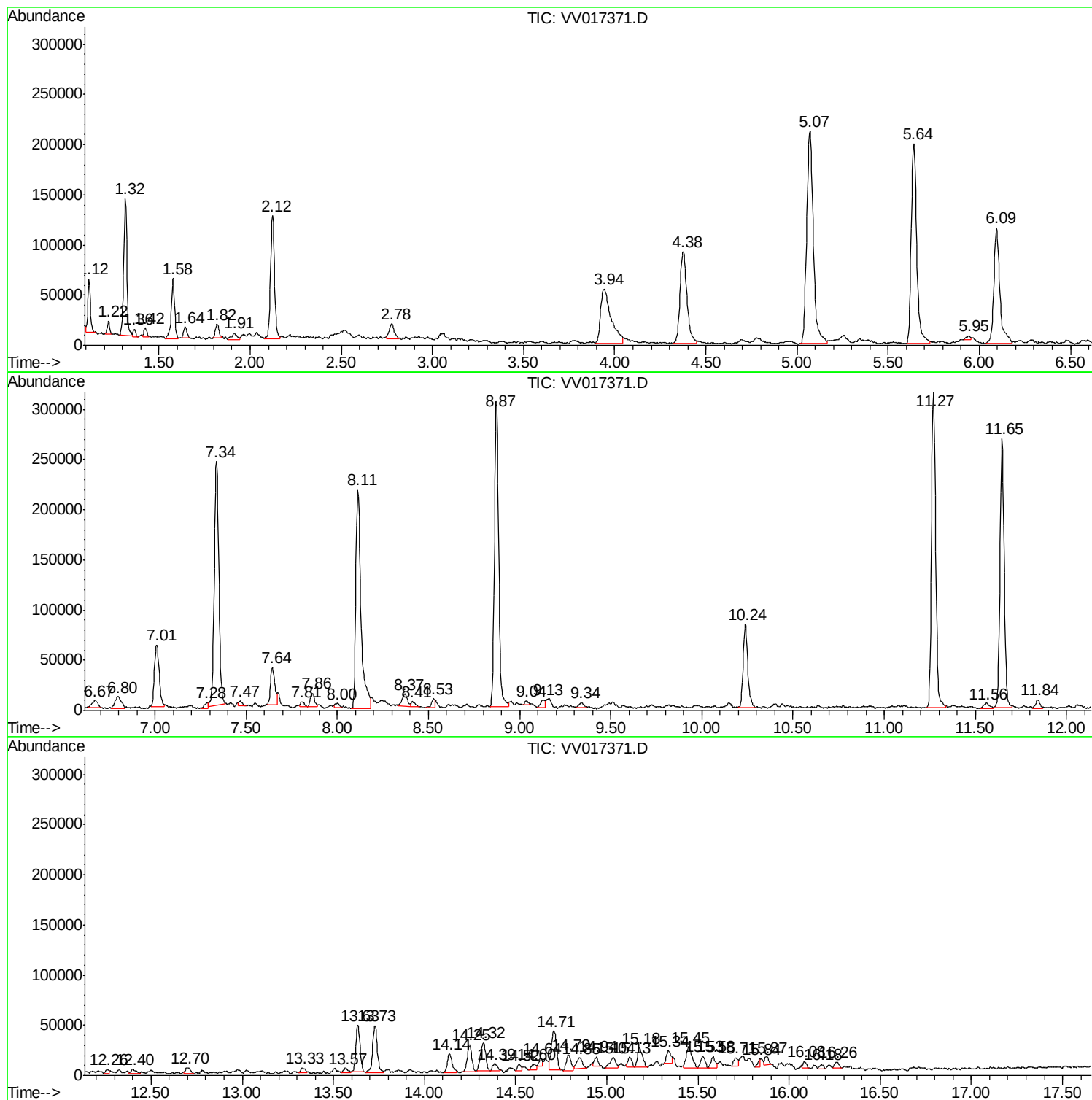
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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



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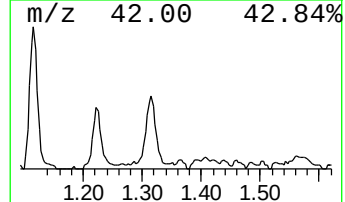
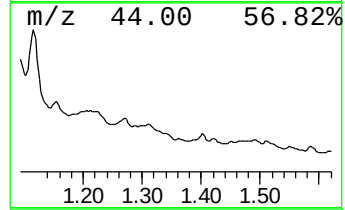
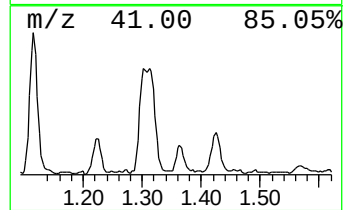
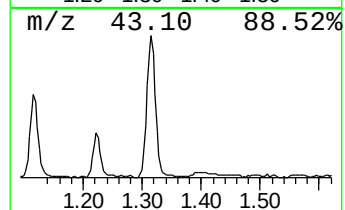
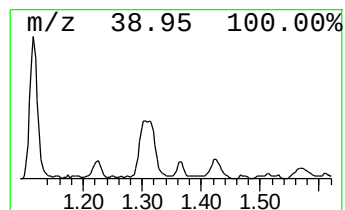
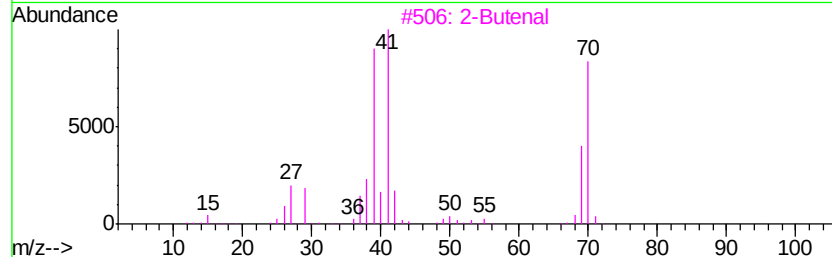
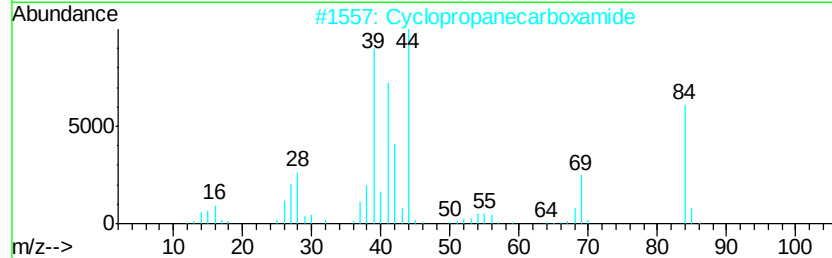
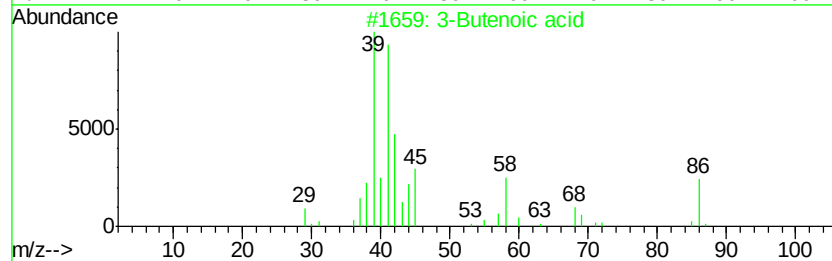
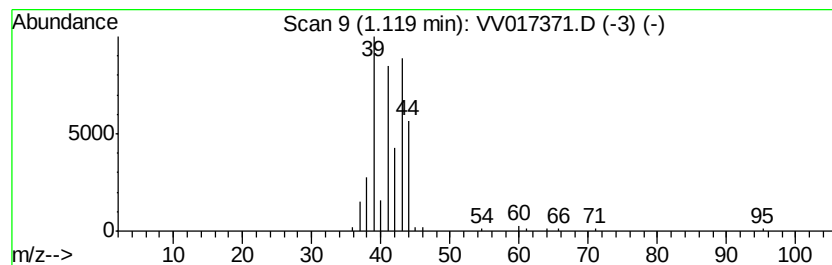
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 Quant Title : TRACE VOA SOM01.0

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

 Peak Number 1 3-Butenoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.12	0.63 ug/L	52385	1,4-Difluorobenzene	5.64	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Butenoic acid	86	C4H6O2	000625-38-7	64
2	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	40
3	2-Butenal	70	C4H6O	004170-30-3	39
4	2-Nonynoic acid	154	C9H14O2	001846-70-4	36
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	9



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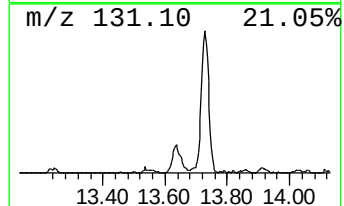
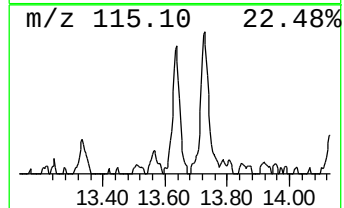
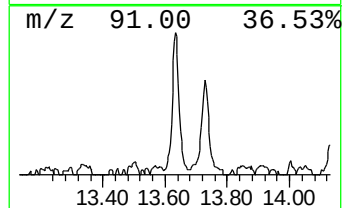
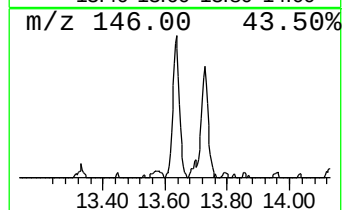
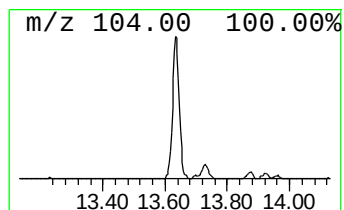
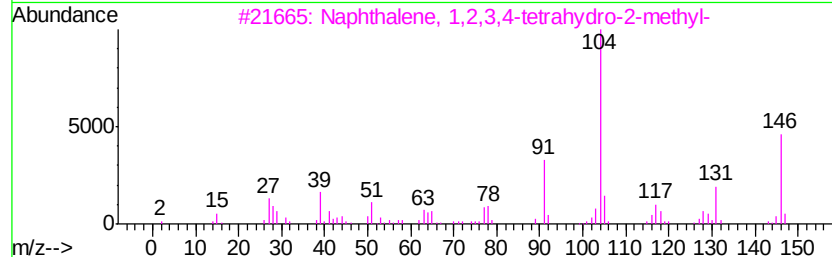
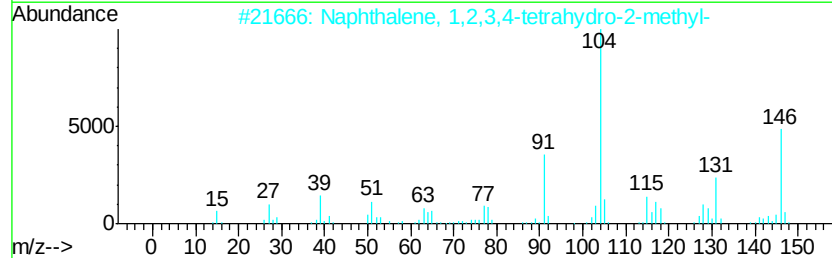
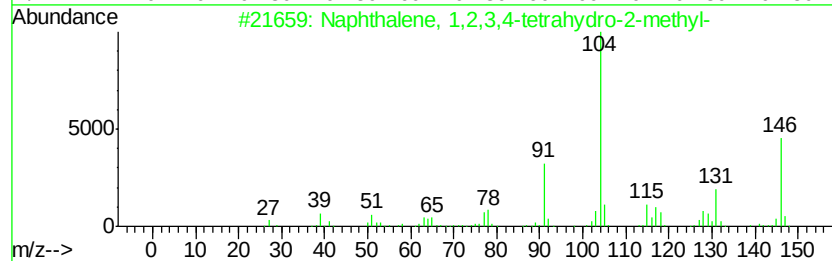
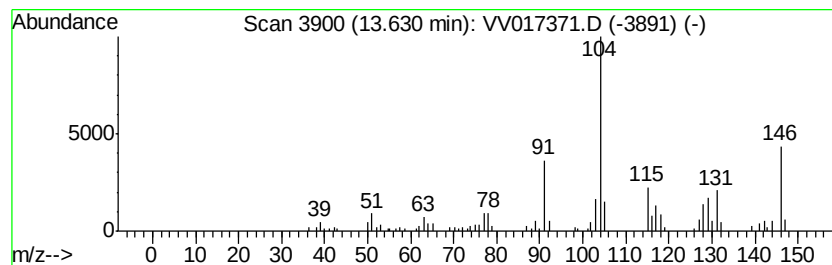
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	0.73 ug/L	72160	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
4		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
5		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	70



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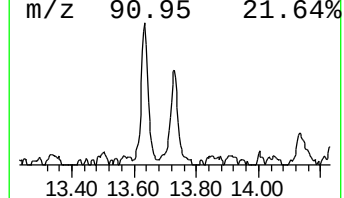
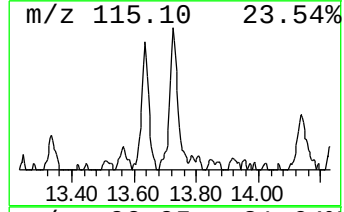
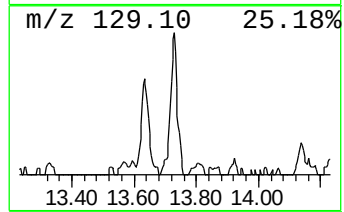
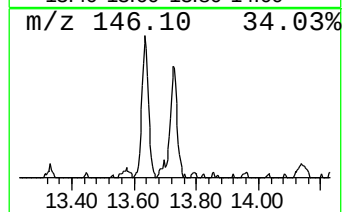
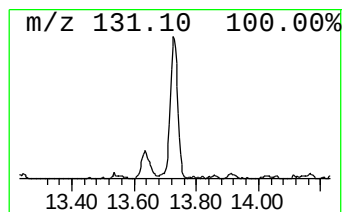
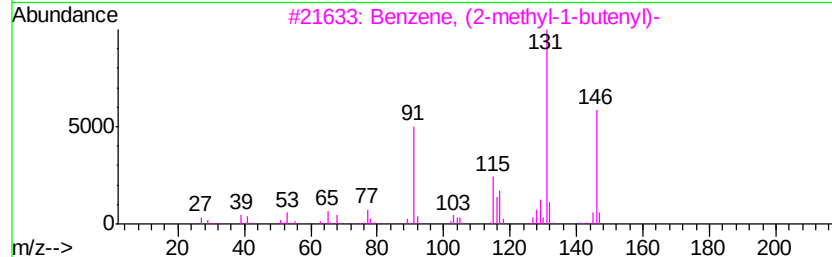
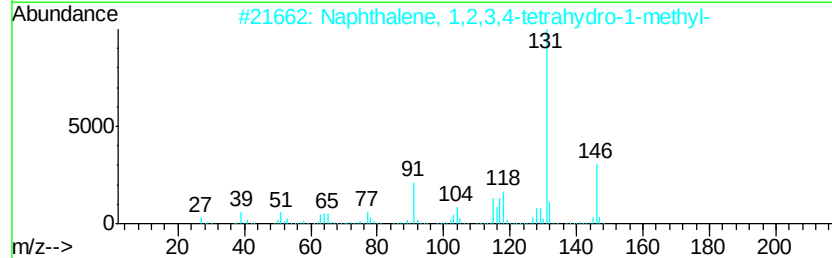
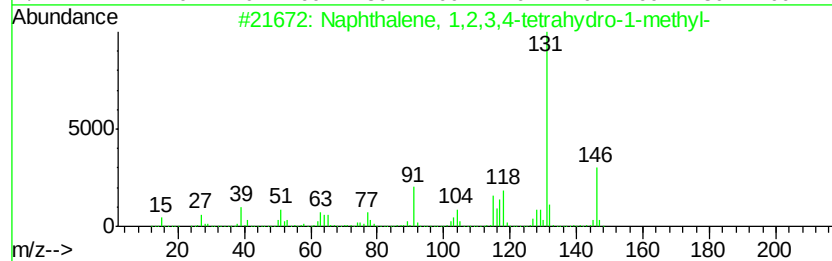
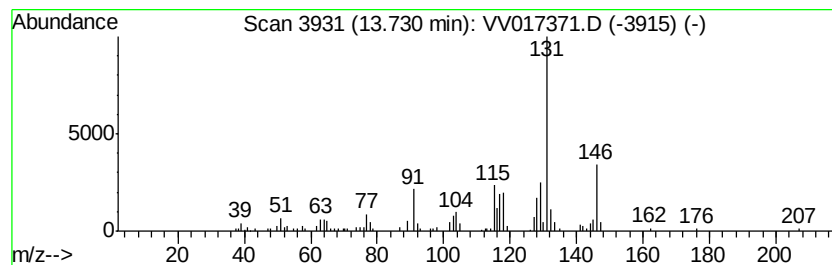
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	0.84 ug/L	83768	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	93
3		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	81
4		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	76
5		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70



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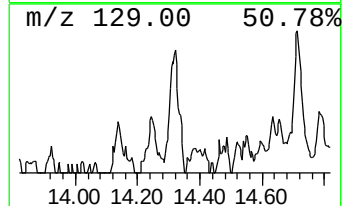
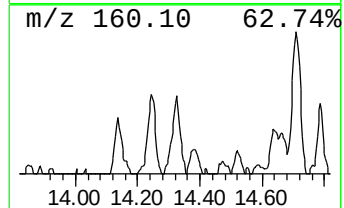
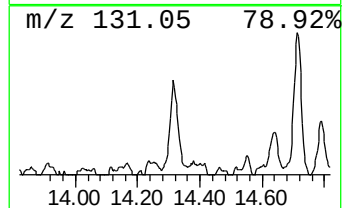
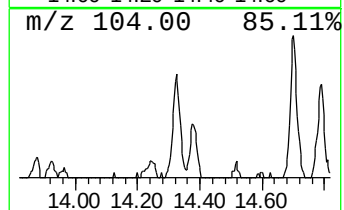
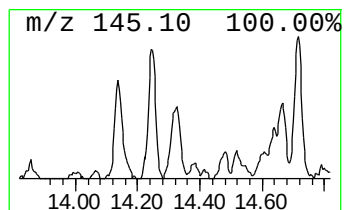
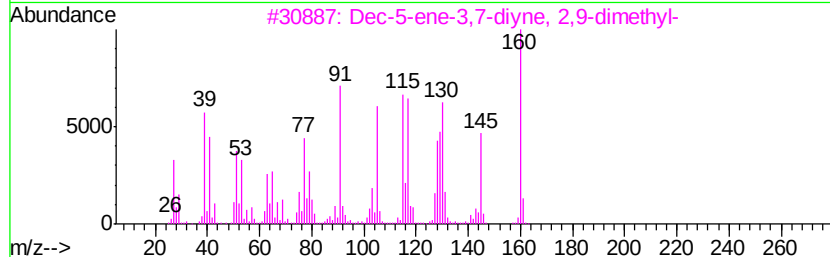
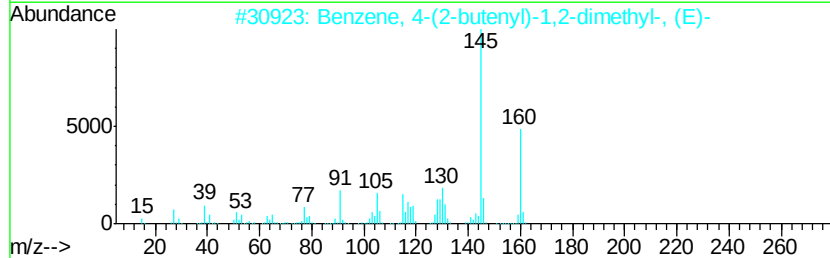
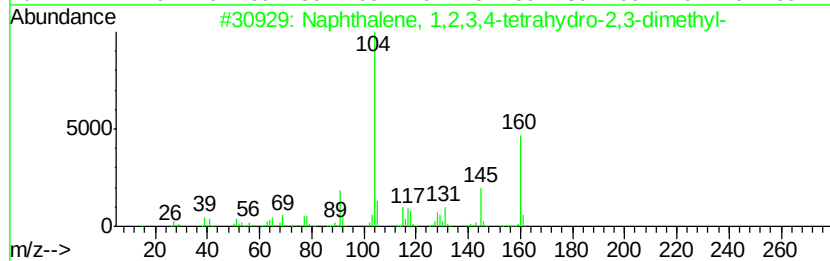
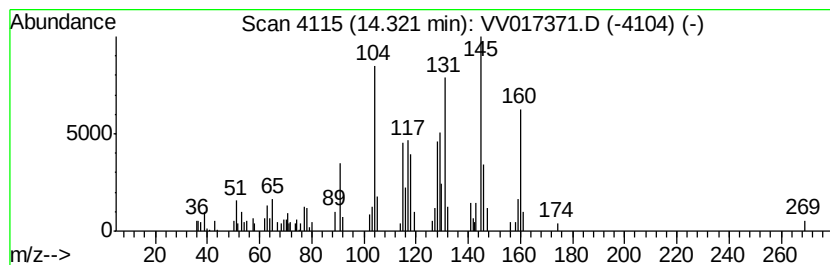
Instrument :
MSVOA_V
ClientSampleId :
H4267

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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	0.58 ug/L	57192	1,4-Dichlorobenzene-d4	11.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021564-92-1 60
2		Benzene, 4-(2-butenyl)-1,2-dimet...	160 C12H16	054340-86-2 49
3		Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160 C12H16	1000211-23-3 46
4		1H-Indene, 2,3-dihydro-1,1,3-tri...	160 C12H16	002613-76-5 45
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	021564-91-0 45



Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
Data File : VV017371.D
Acq On : 07 Jul 2020 12:15
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4267

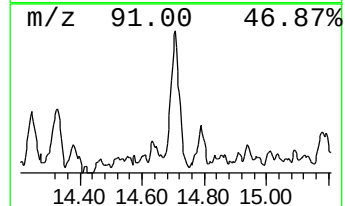
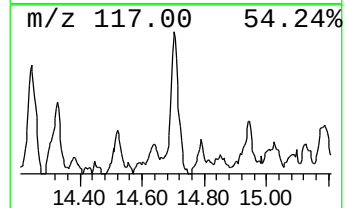
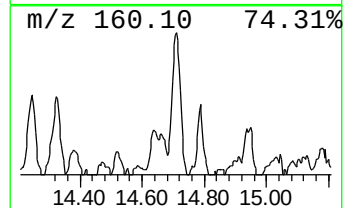
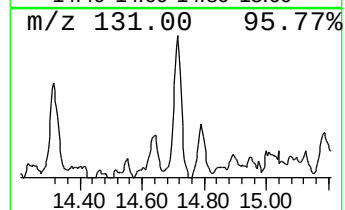
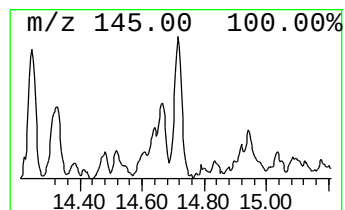
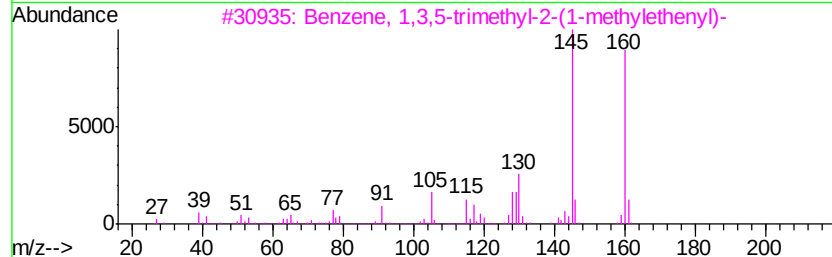
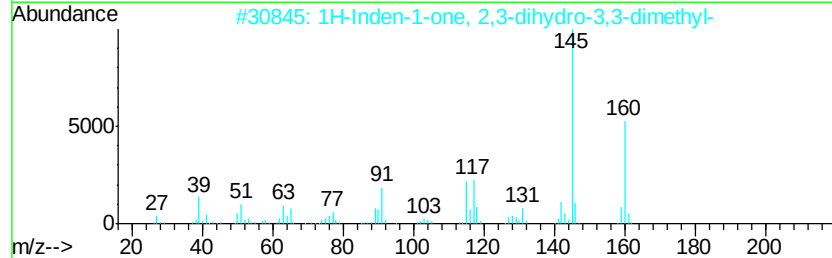
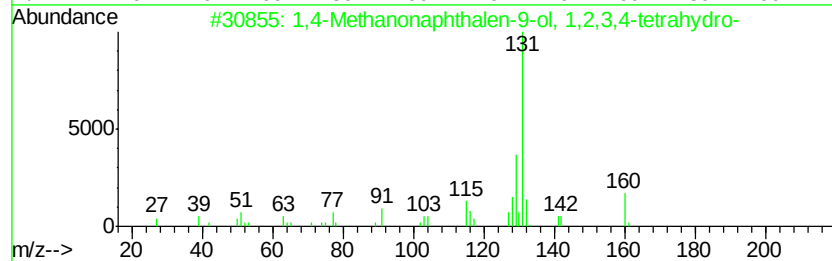
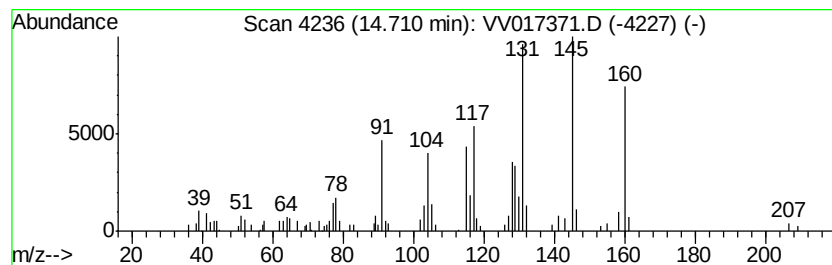
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 1,4-Methanonaphthalen-9-ol,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	0.81 ug/L	80582	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	055255-94-2	60
2		1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	53
3		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	46
5		Naphthalene, 5-ethyl-1,2,3,4-tet...	160	C12H16	042775-75-7	46



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070720\
Data File : VV017371.D
Acq On : 07 Jul 2020 12:15
Operator : SY/MD
Sample : L3154-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4267

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.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
3-Butenoic acid	1.12	0.6	ug/L	52385	1	5.64	413234	5.0
Naphthalene, 1,2,...	13.63	0.7	ug/L	72160	3	11.27	496855	5.0
Naphthalene, 1,2,...	13.73	0.8	ug/L	83768	3	11.27	496855	5.0
Naphthalene, 1,2,...	14.32	0.6	ug/L	57192	3	11.27	496855	5.0
1,4-Methanonaphth...	14.71	0.8	ug/L	80582	3	11.27	496855	5.0