

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU033120\
 Data File : VU037517.D
 Acq On : 01 Apr 2020 00:04
 Operator : JC/MD
 Sample : L2065-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBF09

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_U\METHOD\SOMUTR033120WMA.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	1.372	3	10	16	rBV	19506	18981	4.85%	0.474%
2	1.613	76	85	94	rBV2	40945	45369	11.59%	1.132%
3	1.932	174	184	195	rVB	31382	42250	10.79%	1.054%
4	2.224	267	275	283	rBV4	4399	7161	1.83%	0.179%
5	2.591	378	389	401	rBV	53228	86074	21.99%	2.147%
6	2.662	401	411	420	rVV5	3660	7053	1.80%	0.176%
7	4.668	1019	1035	1058	rBV	64411	149028	38.07%	3.718%
8	5.105	1156	1171	1193	rBV3	55481	147991	37.81%	3.692%
9	5.761	1352	1375	1390	rBV2	105923	275236	70.32%	6.866%
10	6.282	1523	1537	1552	rBV	117859	216009	55.18%	5.389%
11	6.723	1657	1674	1692	rBV2	73084	139739	35.70%	3.486%
12	7.141	1793	1804	1811	rBV4	3162	5414	1.38%	0.135%
13	7.591	1931	1944	1956	rBV3	39608	68822	17.58%	1.717%
14	7.922	2034	2047	2062	rBV	126624	217527	55.57%	5.427%
15	8.205	2124	2135	2146	rBV2	24888	42492	10.86%	1.060%
16	8.658	2263	2276	2300	rBV	225890	391430	100.00%	9.765%
17	8.809	2311	2323	2338	rVB9	5121	10441	2.67%	0.260%
18	9.436	2506	2518	2537	rBV	163353	269157	68.76%	6.715%
19	10.774	2922	2934	2945	rBV	60608	95209	24.32%	2.375%
20	11.652	3199	3207	3213	rBV5	2811	4347	1.11%	0.108%
21	11.825	3250	3261	3276	rVB	175428	274252	70.06%	6.842%
22	11.970	3294	3306	3310	rBV8	2997	4942	1.26%	0.123%
23	12.076	3333	3339	3346	rVB6	3110	4652	1.19%	0.116%
24	12.156	3357	3364	3368	rBV6	4364	6516	1.66%	0.163%
25	12.205	3368	3379	3394	rVB	149187	258024	65.92%	6.437%
26	12.298	3400	3408	3416	rBV8	2474	5044	1.29%	0.126%
27	12.401	3428	3440	3445	rBV7	3500	6065	1.55%	0.151%
28	12.777	3548	3557	3571	rVB7	5611	13034	3.33%	0.325%
29	12.854	3571	3581	3593	rBV3	31740	52156	13.32%	1.301%
30	12.986	3614	3622	3630	rBV8	3114	4647	1.19%	0.116%
31	13.073	3638	3649	3659	rVB3	21022	35130	8.97%	0.876%
32	13.150	3662	3673	3686	rBV8	12903	24930	6.37%	0.622%
33	13.330	3717	3729	3735	rBV7	6498	11035	2.82%	0.275%
34	13.404	3744	3752	3760	rVB7	5897	9764	2.49%	0.244%

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 Title : TRACE VOA SOM01.0

35	13.475	3764	3774	3788	rVB8	10410	19741	5.04%	0.492%
36	13.552	3792	3798	3810	rVB8	5350	9877	2.52%	0.246%
37	13.636	3814	3824	3832	rBV8	8038	14836	3.79%	0.370%
38	13.751	3854	3860	3871	rVB8	3080	5235	1.34%	0.131%
39	13.877	3890	3899	3903	rBV7	3575	5805	1.48%	0.145%
40	13.980	3924	3931	3938	rBV9	2625	4745	1.21%	0.118%
41	14.115	3960	3973	3990	rBV	111199	184293	47.08%	4.598%
42	14.237	4005	4011	4022	rBV9	2868	5344	1.37%	0.133%
43	15.002	4238	4249	4262	rBV9	3100	6982	1.78%	0.174%
44	15.262	4319	4330	4344	rVB	86026	137402	35.10%	3.428%
45	15.449	4374	4388	4403	rBV	32507	56179	14.35%	1.402%
46	16.002	4542	4560	4572	rBV2	43672	74448	19.02%	1.857%
47	16.198	4613	4621	4628	rBV	10092	12943	3.31%	0.323%
48	16.314	4645	4657	4666	rBV3	18495	33525	8.56%	0.836%
49	16.462	4693	4703	4710	rBV2	19510	32890	8.40%	0.821%
50	16.504	4711	4716	4725	rVB3	12979	16998	4.34%	0.424%
51	16.696	4768	4776	4788	rVB6	6264	10807	2.76%	0.270%
52	16.841	4814	4821	4830	rBV8	3238	5767	1.47%	0.144%
53	16.944	4843	4853	4864	rBV3	18313	29405	7.51%	0.734%
54	17.050	4876	4886	4894	rBV8	4521	9293	2.37%	0.232%
55	17.156	4908	4919	4937	rVB	59305	103647	26.48%	2.586%
56	17.478	5006	5019	5034	rBV	142521	278403	71.12%	6.945%

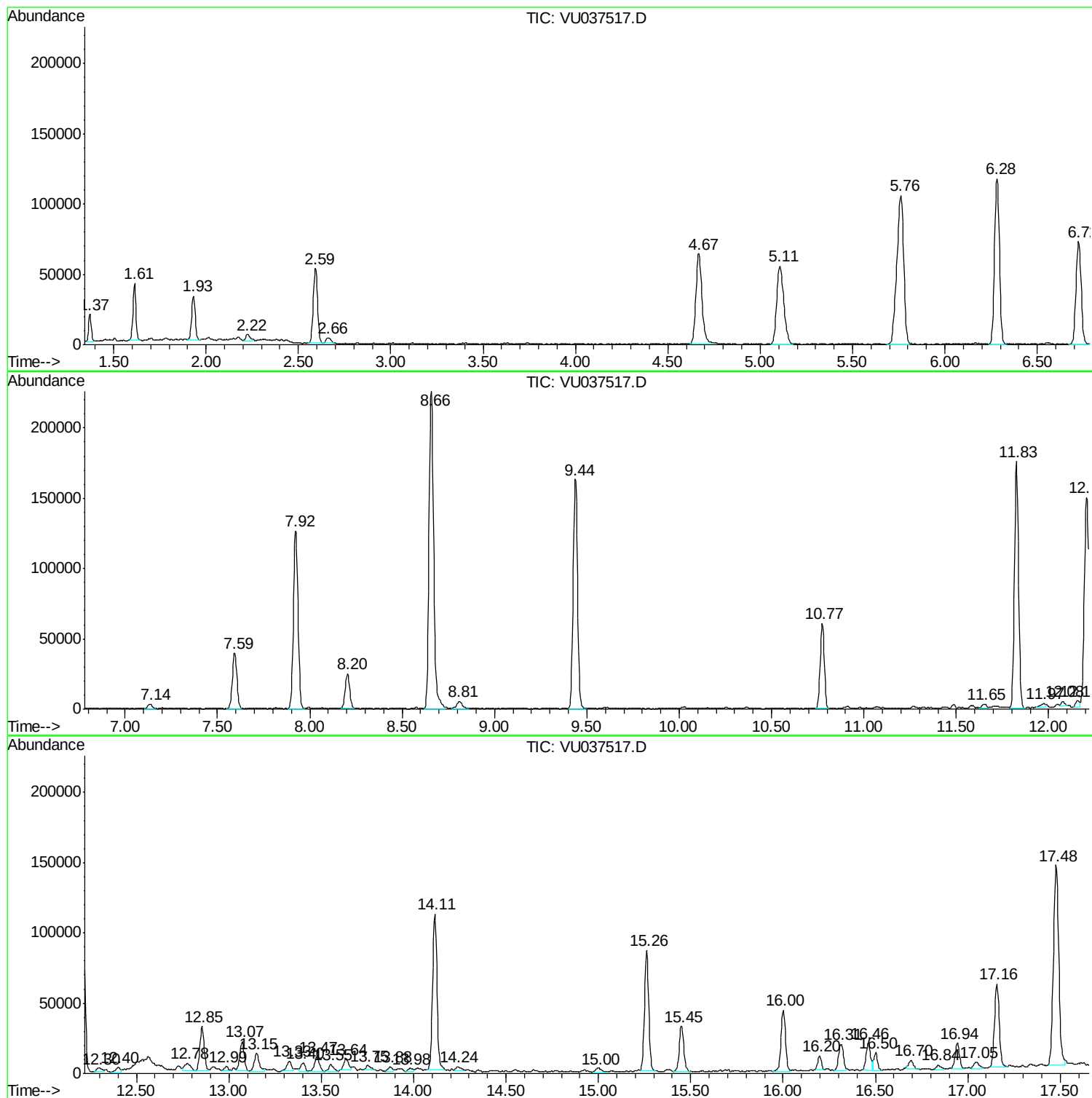
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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



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Instrument :
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ClientSampleId :
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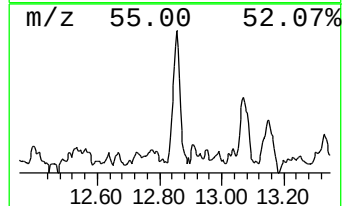
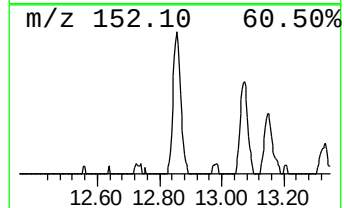
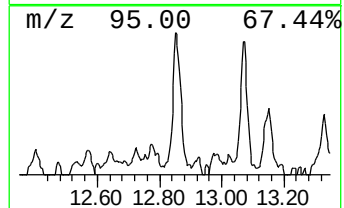
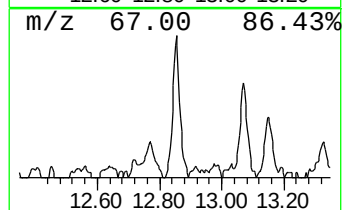
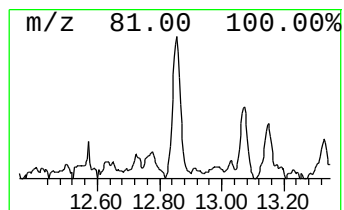
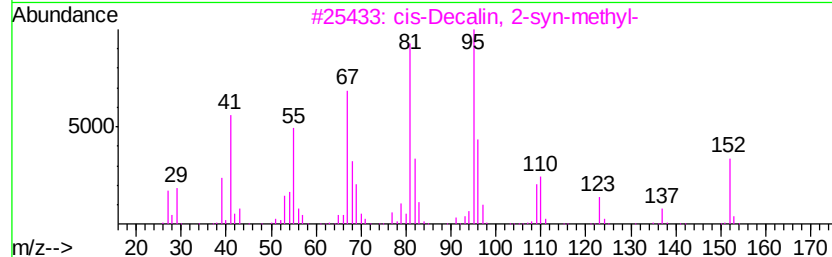
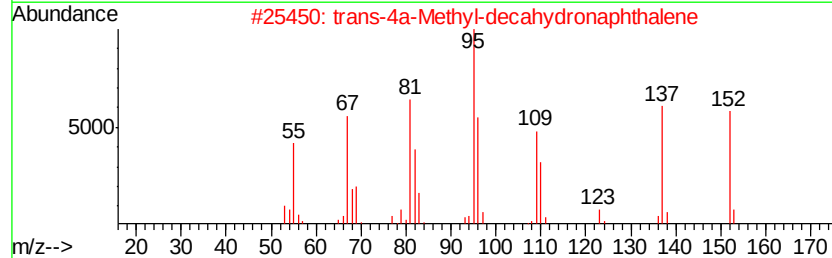
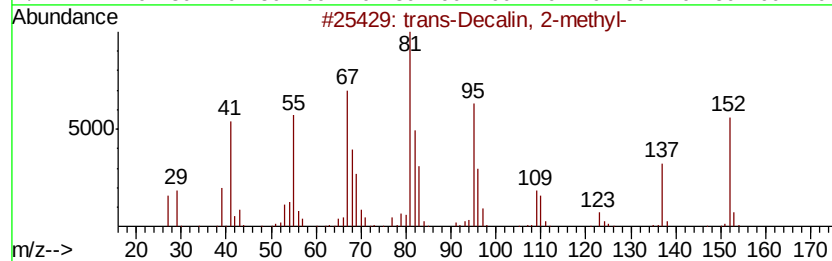
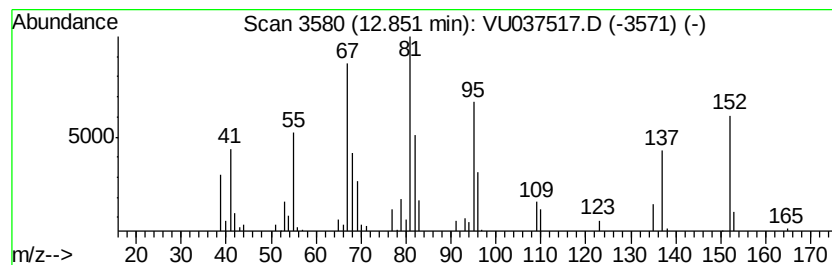
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	0.95 ug/L	52156	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
2		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	86
3		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	83
4		Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	72
5		9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	70



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ALS Vial : 1 Sample Multiplier: 1

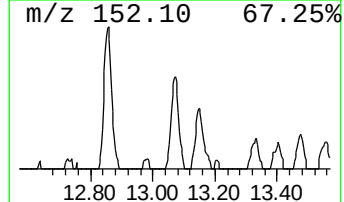
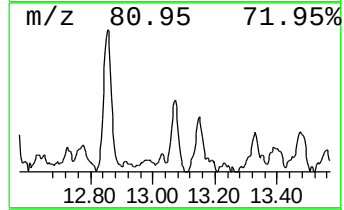
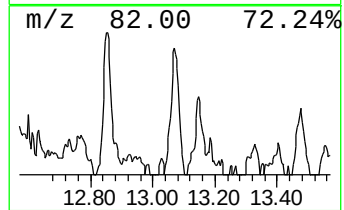
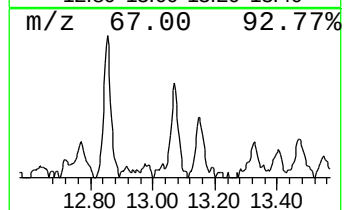
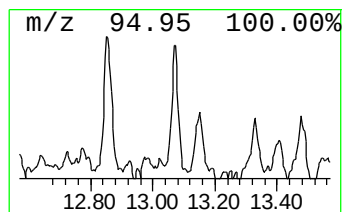
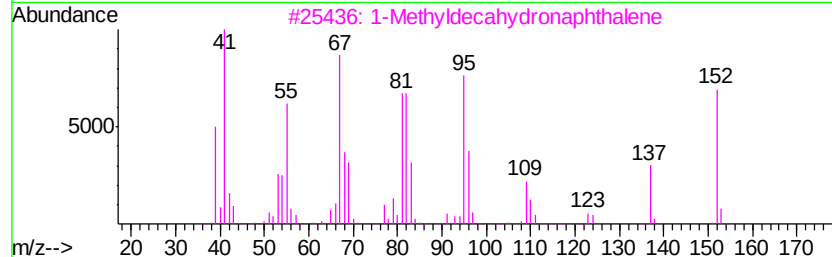
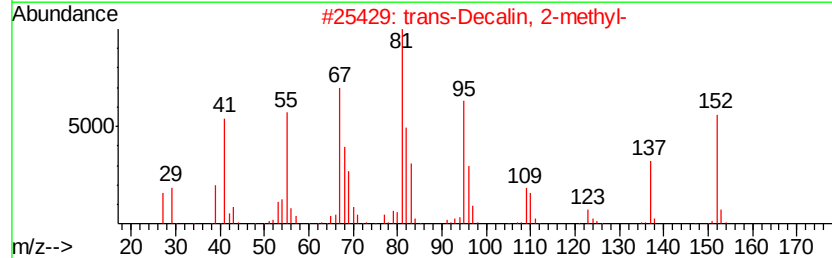
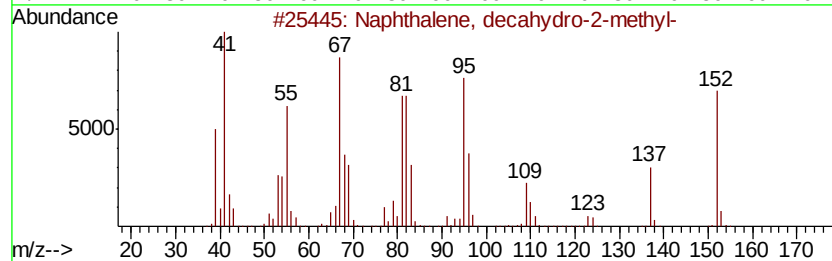
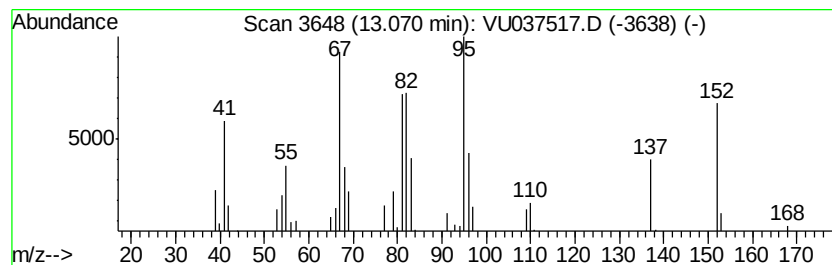
Instrument :
MSVOA_U
ClientSampleId :
DBF09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	0.64 ug/L	35130	1,4-Dichlorobenzene-d4	11.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 95
2		trans-Decalin, 2-methyl-	152 C11H20	1000152-47-3 94
3		1-Methyldecahydronaphthalene	152 C11H20	002958-75-0 94
4		Naphthalene, decahydro-2-methyl-	152 C11H20	002958-76-1 92
5		trans-4a-Methyl-decahydronaphtha...	152 C11H20	002547-27-5 87



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

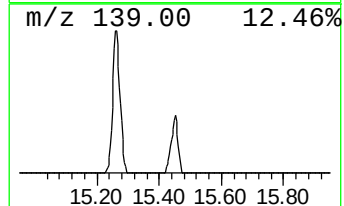
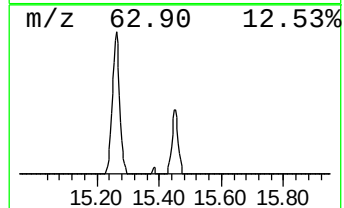
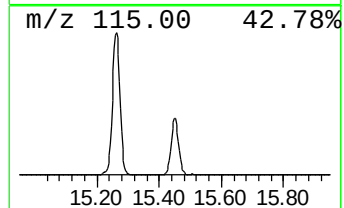
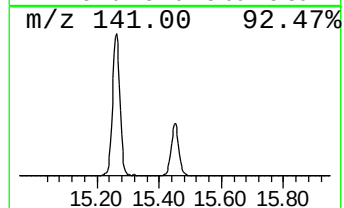
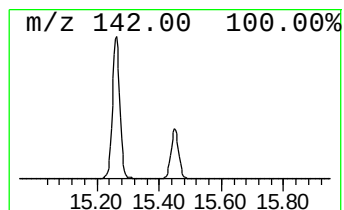
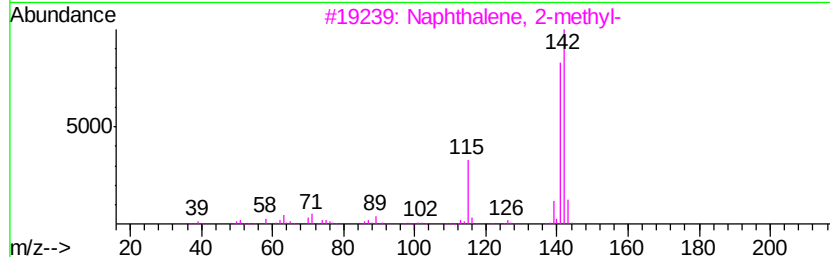
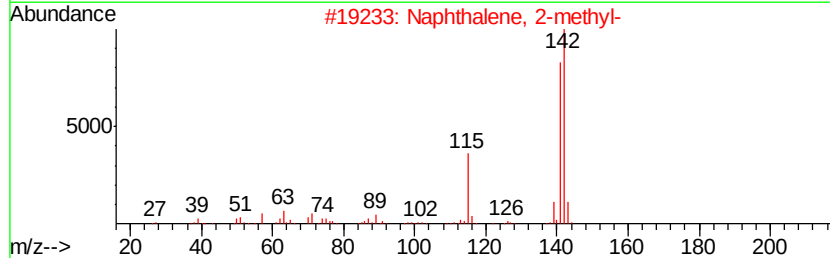
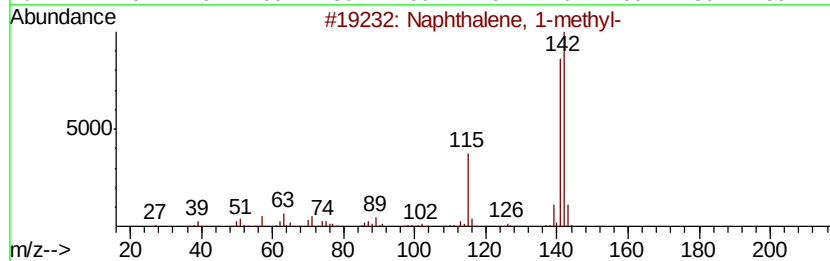
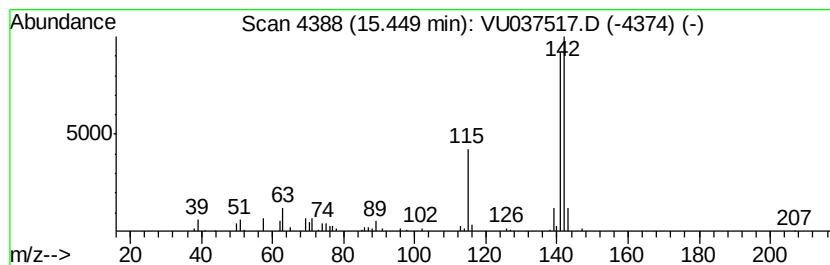
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	1.02 ug/L	56179	1,4-Dichlorobenzene-d4	11.83
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		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 95
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 94



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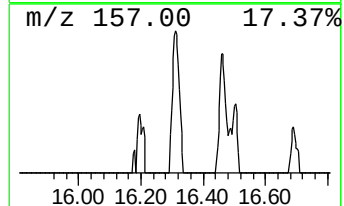
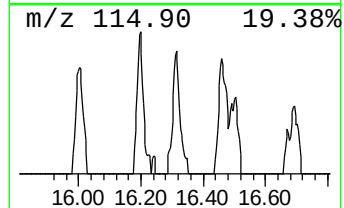
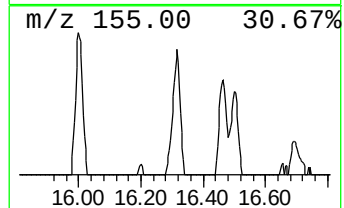
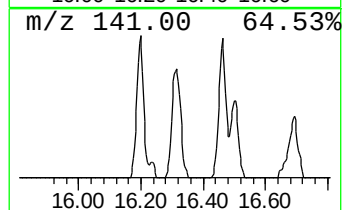
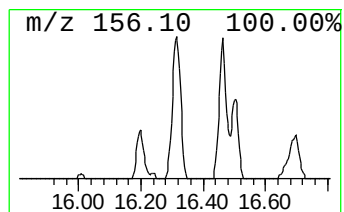
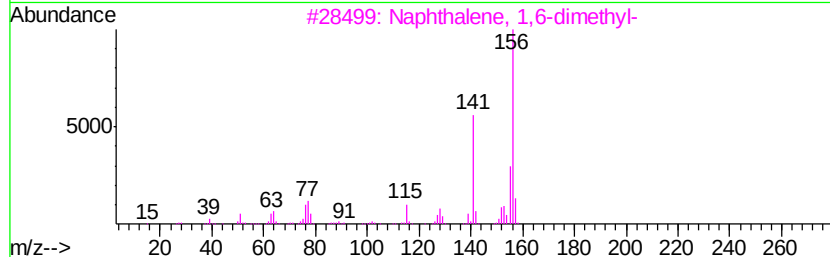
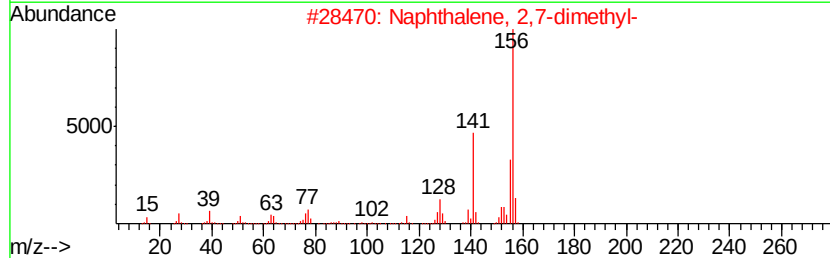
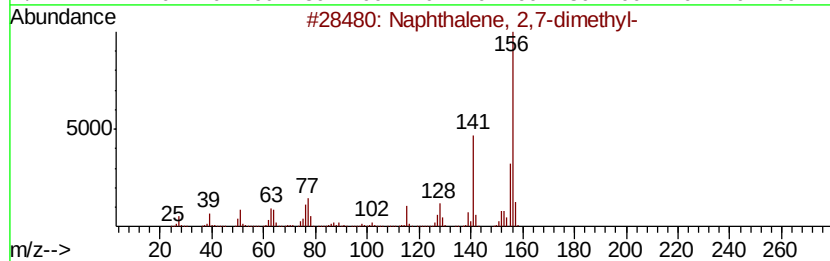
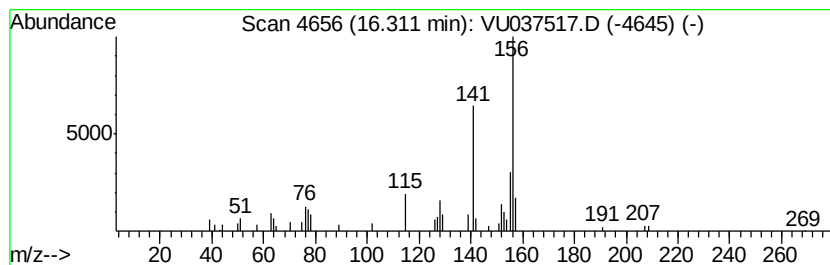
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	0.61 ug/L	33525	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



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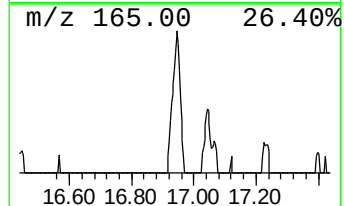
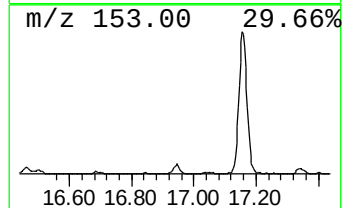
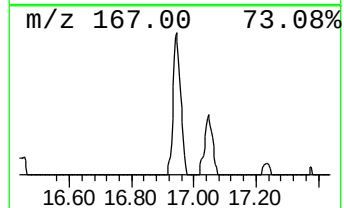
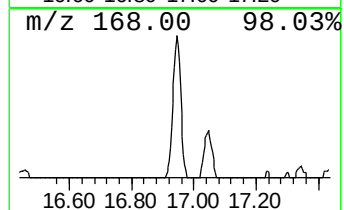
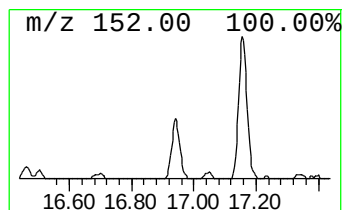
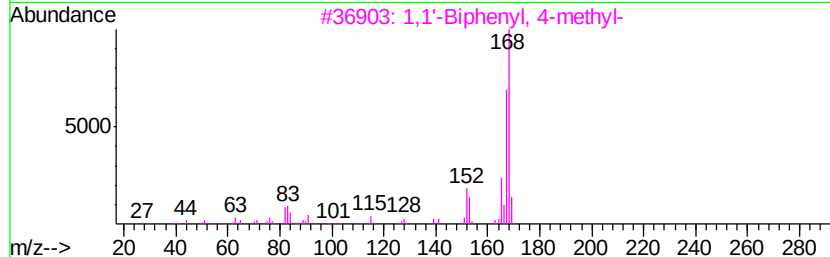
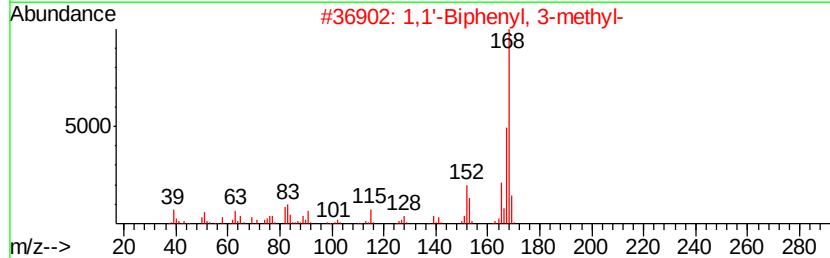
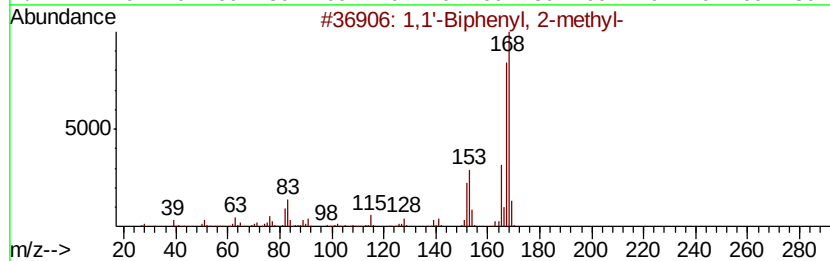
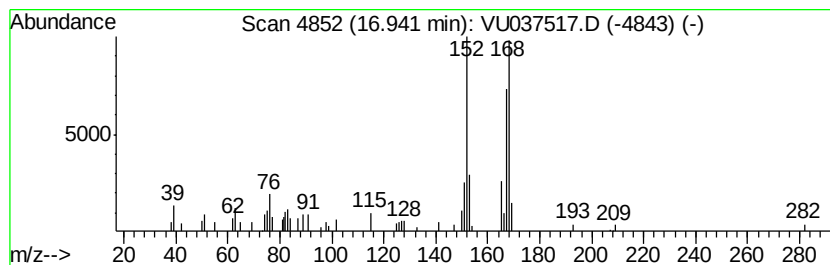
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 1,1'-Biphenyl, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.94	0.54 ug/L	29405	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033120\
Data File : VU037517.D
Acq On : 01 Apr 2020 00:04
Operator : JC/MD
Sample : L2065-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBF09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.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
trans-Decalin, 2-...	12.85	0.9	ug/L	52156	3	11.83	274252	5.0
Naphthalene, deca...	13.07	0.6	ug/L	35130	3	11.83	274252	5.0
Naphthalene, 1-me...	15.45	1.0	ug/L	56179	3	11.83	274252	5.0
Naphthalene, 2,7-...	16.31	0.6	ug/L	33525	3	11.83	274252	5.0
1,1'-Biphenyl, 2-...	16.94	0.5	ug/L	29405	3	11.83	274252	5.0