

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036752.D
 Acq On : 12 Feb 2020 15:58
 Operator : JC/MD
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK40

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\SOMUTR021220WMA.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	1.610	76	84	96	rBV	78074	85273	7.47%	1.196%
2	1.929	175	183	199	rVB	73875	98432	8.62%	1.380%
3	2.591	375	389	406	rVB	109982	175892	15.40%	2.467%
4	4.681	1024	1039	1070	rBV	79181	202382	17.72%	2.838%
5	5.105	1155	1171	1190	rBV	90480	200396	17.55%	2.810%
6	5.761	1354	1375	1393	rBV2	197511	495545	43.40%	6.950%
7	6.282	1523	1537	1556	rBV	180205	337701	29.58%	4.736%
8	6.726	1657	1675	1695	rBV2	119524	229432	20.09%	3.218%
9	7.594	1931	1945	1962	rBV	61913	110323	9.66%	1.547%
10	7.925	2030	2048	2065	rBV	246278	423730	37.11%	5.942%
11	8.208	2125	2136	2151	rBV	37288	63364	5.55%	0.889%
12	8.665	2265	2278	2309	rBV	285174	492912	43.17%	6.913%
13	9.440	2506	2519	2540	rBV	246881	411081	36.00%	5.765%
14	10.777	2924	2935	2949	rBV	82103	132785	11.63%	1.862%
15	11.829	3250	3262	3279	rBV	236570	377303	33.04%	5.291%
16	12.112	3341	3350	3362	rBV	11677	17777	1.56%	0.249%
17	12.211	3368	3381	3394	rVB	214489	344242	30.15%	4.828%
18	12.330	3407	3418	3430	rBV2	14003	21282	1.86%	0.298%
19	12.491	3443	3468	3471	rBV3	8853	22064	1.93%	0.309%
20	13.179	3660	3682	3684	rBV9	5693	13378	1.17%	0.188%
21	13.796	3854	3874	3878	rBV8	7618	23645	2.07%	0.332%
22	14.018	3925	3943	3961	rBV3	9914	32798	2.87%	0.460%
23	14.121	3962	3975	4001	rVV	679263	1141842	100.00%	16.013%
24	14.243	4004	4013	4030	rVB2	13762	22706	1.99%	0.318%
25	14.443	4050	4075	4081	rBV9	9307	32957	2.89%	0.462%
26	15.269	4321	4332	4348	rVB	119596	199074	17.43%	2.792%
27	15.459	4378	4391	4410	rVB	70470	120397	10.54%	1.688%
28	16.012	4546	4563	4575	rBV	65351	114366	10.02%	1.604%
29	16.205	4610	4623	4632	rBV2	20708	37380	3.27%	0.524%
30	16.324	4648	4660	4671	rVB2	31134	56040	4.91%	0.786%
31	16.472	4691	4706	4715	rBV2	39105	74501	6.52%	1.045%
32	16.703	4760	4778	4791	rBV4	12376	31211	2.73%	0.438%
33	16.954	4845	4856	4868	rBV4	34912	61666	5.40%	0.865%
34	17.169	4909	4923	4941	rBV	373140	673257	58.96%	9.442%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036752.D
Acq On : 12 Feb 2020 15:58
Operator : JC/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

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_U\METHOD\SOMUTR021220WMA.M
Title : TRACE VOA SOM01.0

35	17.356	4973	4981	4992	rbV4	13942	24849	2.18%	0.348%
36	17.491	5009	5023	5047	rbV	108182	228600	20.02%	3.206%

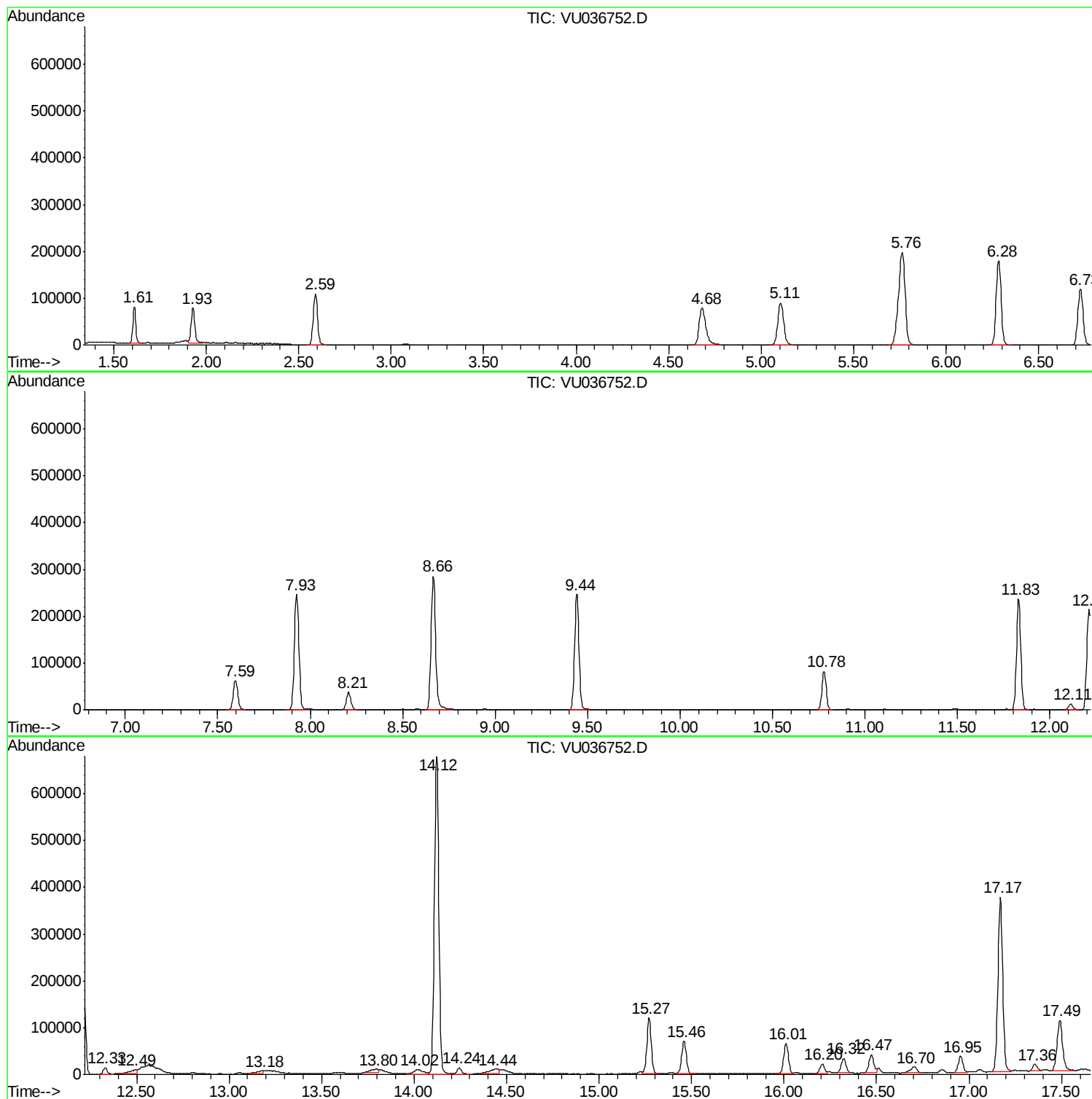
Sum of corrected areas: 7130583

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036752.D
Acq On : 12 Feb 2020 15:58
Operator : JC/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036752.D
Acq On : 12 Feb 2020 15:58
Operator : JC/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

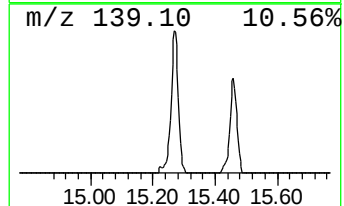
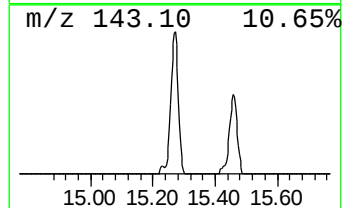
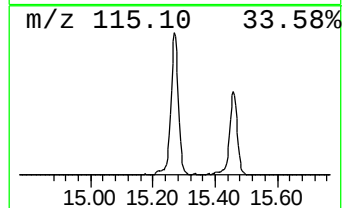
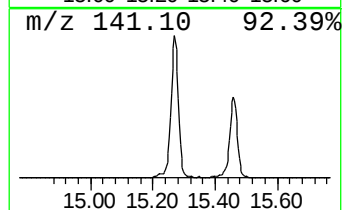
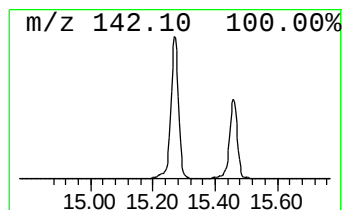
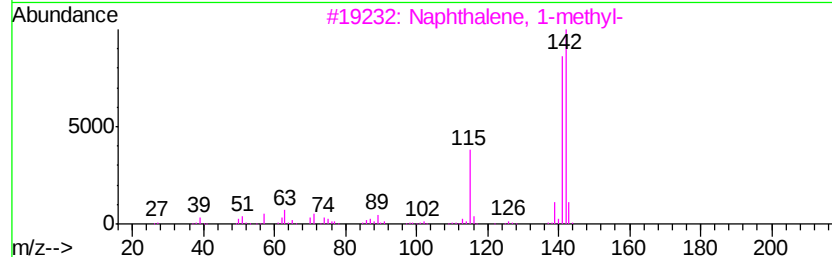
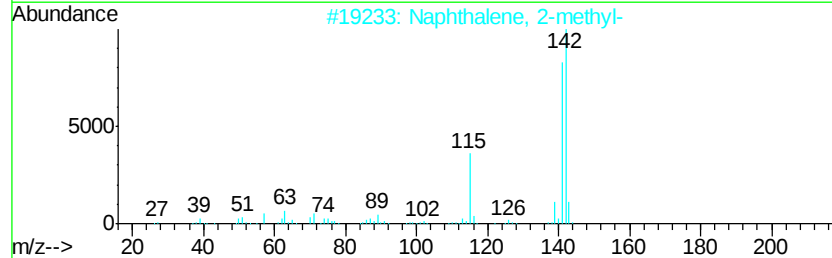
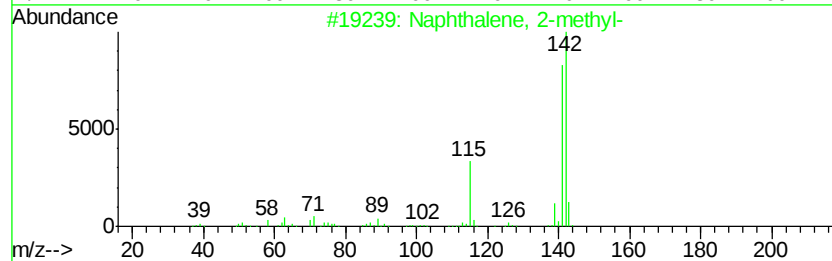
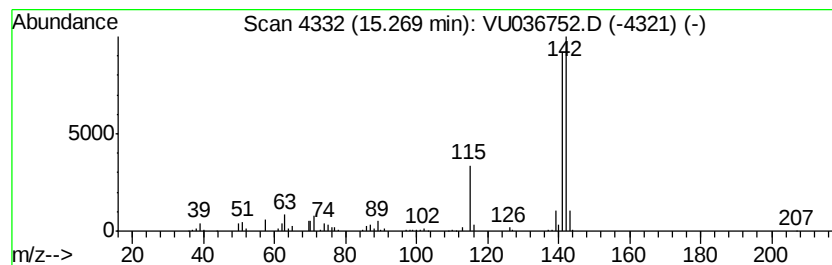
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.64 ug/L	199074	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036752.D
Acq On : 12 Feb 2020 15:58
Operator : JC/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

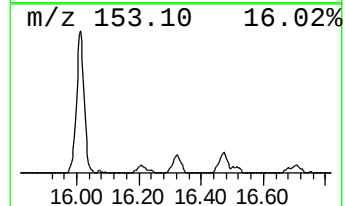
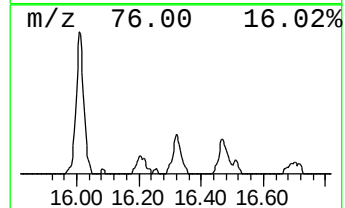
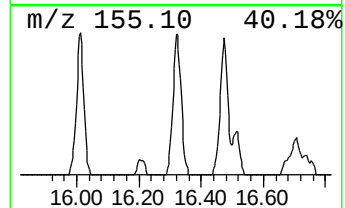
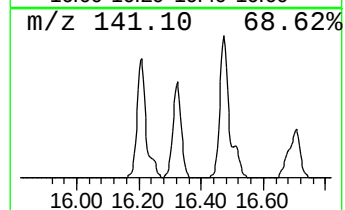
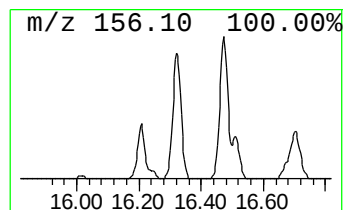
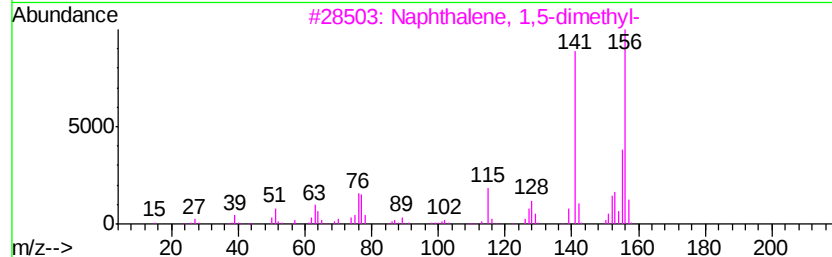
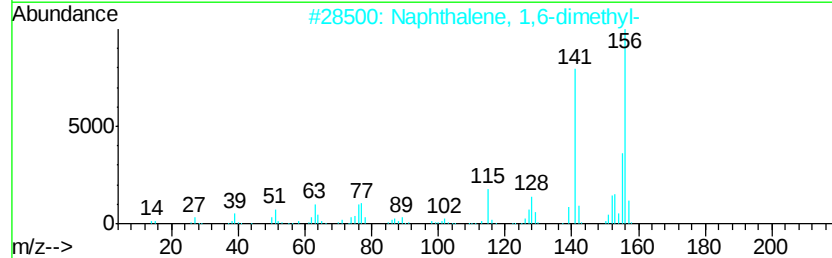
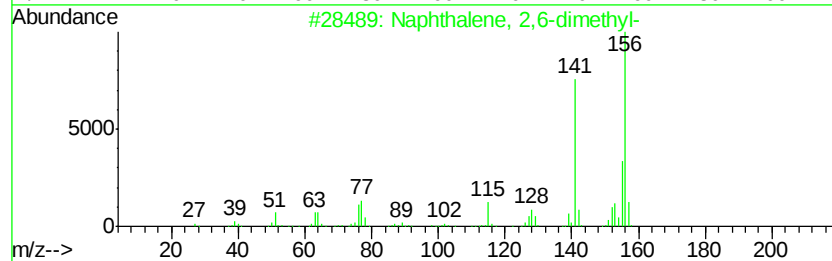
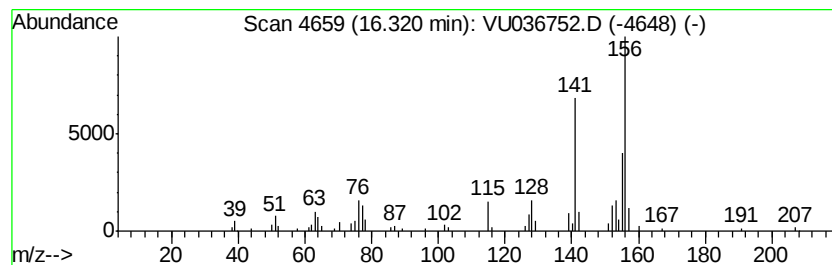
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	0.74 ug/L	56040	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036752.D
Acq On : 12 Feb 2020 15:58
Operator : JC/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

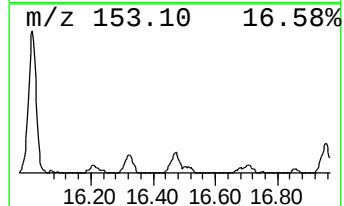
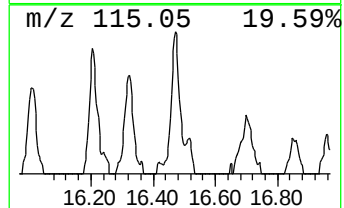
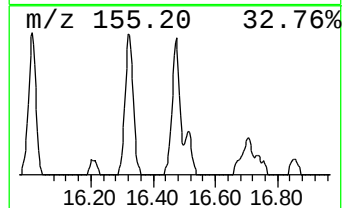
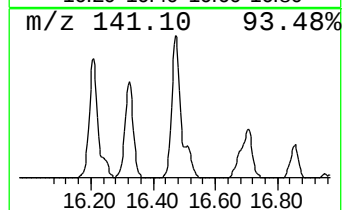
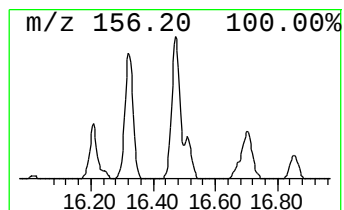
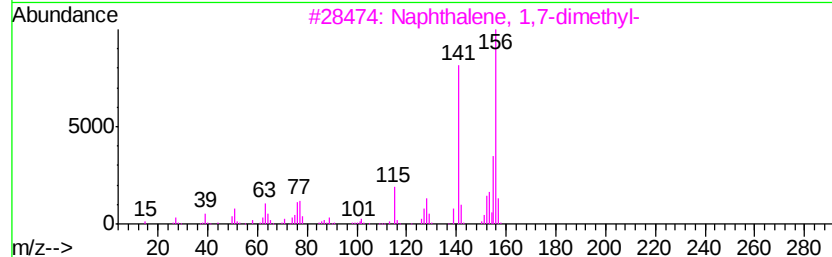
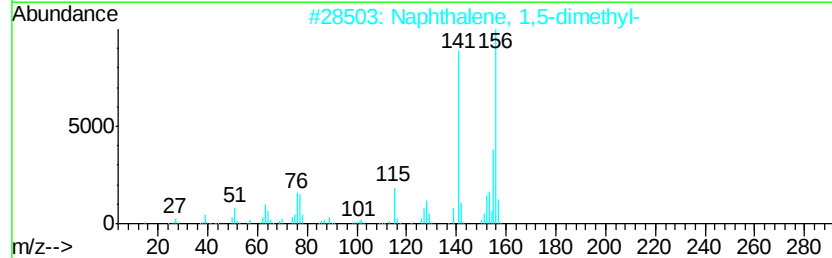
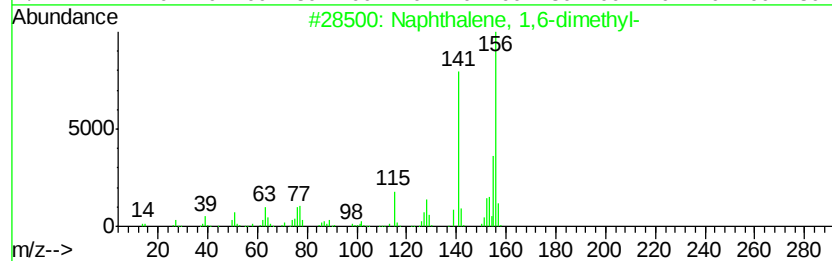
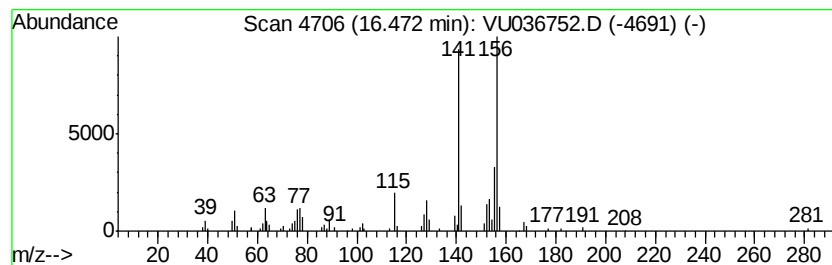
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	0.99 ug/L	74501	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
Data File : VU036752.D
Acq On : 12 Feb 2020 15:58
Operator : JC/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

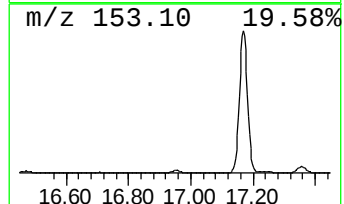
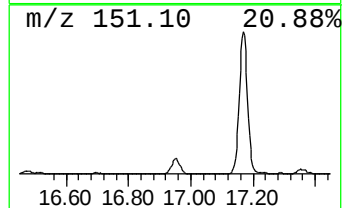
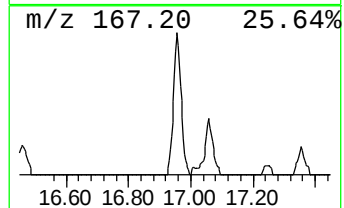
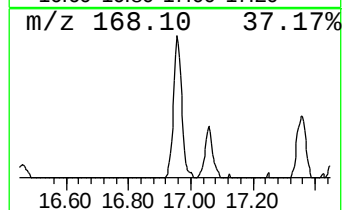
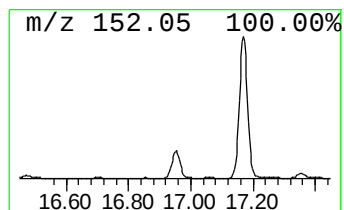
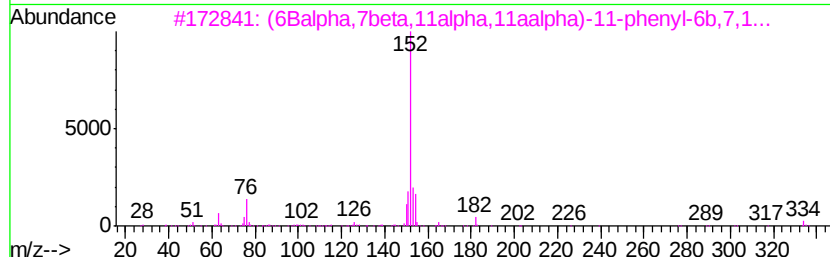
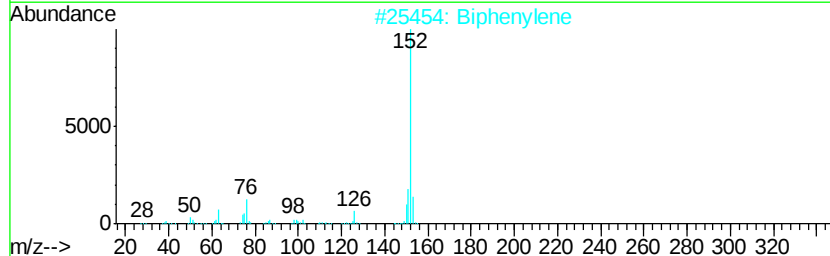
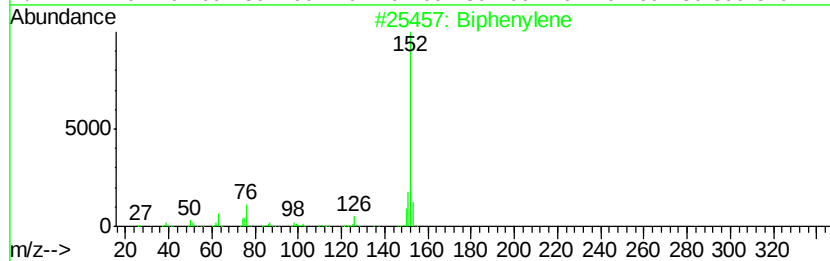
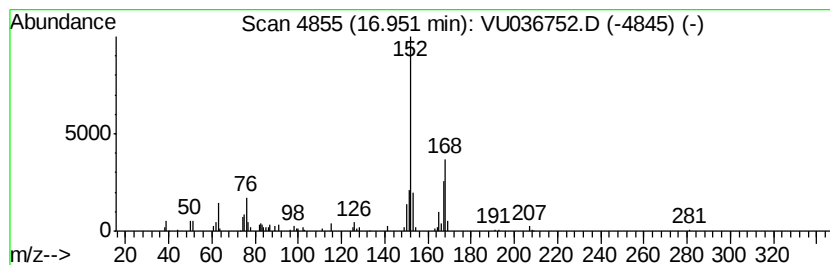
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Biphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	0.82 ug/L	61666	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	60
2		Biphenylene	152	C12H8	000259-79-0	60
3		(6Balpha,7beta,11alpha,11aalpha)...	334	C25H180	1000241-69-8	50
4		1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	49
5		Acenaphthylene	152	C12H8	000208-96-8	49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU021220\
Data File : VU036752.D
Acq On : 12 Feb 2020 15:58
Operator : JC/MD
Sample : VIBLK40
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.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
Naphthalene, 1-me...	15.27	2.6	ug/L	199074	3	11.83	377303	5.0
Naphthalene, 2,6-...	16.32	0.7	ug/L	56040	3	11.83	377303	5.0
Naphthalene, 1,6-...	16.47	1.0	ug/L	74501	3	11.83	377303	5.0
Biphenylene	16.95	0.8	ug/L	61666	3	11.83	377303	5.0