

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\
 Data File : VU036770.D
 Acq On : 13 Feb 2020 14:29
 Operator : JC/MD
 Sample : L1487-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCW9

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	1.478	36	43	54	rBV3	5207	12232	1.41%	0.188%
2	1.613	77	85	94	rBV	70754	76035	8.75%	1.168%
3	1.932	175	184	199	rVB	62249	81509	9.38%	1.252%
4	2.591	378	389	402	rBV	104213	169634	19.53%	2.606%
5	4.671	1021	1036	1072	rBV	80303	193368	22.26%	2.970%
6	5.105	1154	1171	1193	rBV	86788	190157	21.89%	2.921%
7	5.764	1355	1376	1395	rBV2	192152	478806	55.13%	7.355%
8	6.285	1523	1538	1554	rBV	168845	314151	36.17%	4.825%
9	6.726	1661	1675	1692	rBV	118074	228167	26.27%	3.505%
10	7.597	1934	1946	1963	rBV	61289	107976	12.43%	1.659%
11	7.925	2035	2048	2064	rBV	242786	416391	47.94%	6.396%
12	8.208	2124	2136	2151	rBV	35277	61491	7.08%	0.945%
13	8.665	2264	2278	2304	rBV	269644	498451	57.39%	7.656%
14	9.439	2507	2519	2545	rBV	228957	383111	44.11%	5.885%
15	10.777	2923	2935	2950	rBV	84972	137143	15.79%	2.107%
16	11.828	3250	3262	3279	rBV	228468	362864	41.78%	5.574%
17	12.111	3339	3350	3360	rVB2	15176	23093	2.66%	0.355%
18	12.211	3365	3381	3394	rBV	219212	351117	40.42%	5.393%
19	12.330	3406	3418	3431	rVB2	22862	35856	4.13%	0.551%
20	14.118	3955	3974	3992	rVB	535354	868581	100.00%	13.342%
21	14.243	4003	4013	4024	rVB	17842	28114	3.24%	0.432%
22	15.266	4320	4331	4347	rVB	226757	368831	42.46%	5.665%
23	15.455	4377	4390	4403	rVB	113458	188128	21.66%	2.890%
24	16.008	4551	4562	4575	rBV	51366	82923	9.55%	1.274%
25	16.201	4612	4622	4632	rBV2	24325	40809	4.70%	0.627%
26	16.320	4646	4659	4677	rBV2	27134	49864	5.74%	0.766%
27	16.468	4694	4705	4712	rBV3	33674	59715	6.88%	0.917%
28	16.507	4712	4717	4727	rVB3	20326	30261	3.48%	0.465%
29	16.947	4845	4854	4867	rVB2	23786	39944	4.60%	0.614%
30	17.163	4908	4921	4942	rBV	303415	545488	62.80%	8.379%
31	17.484	5009	5021	5039	rVB2	42540	86024	9.90%	1.321%

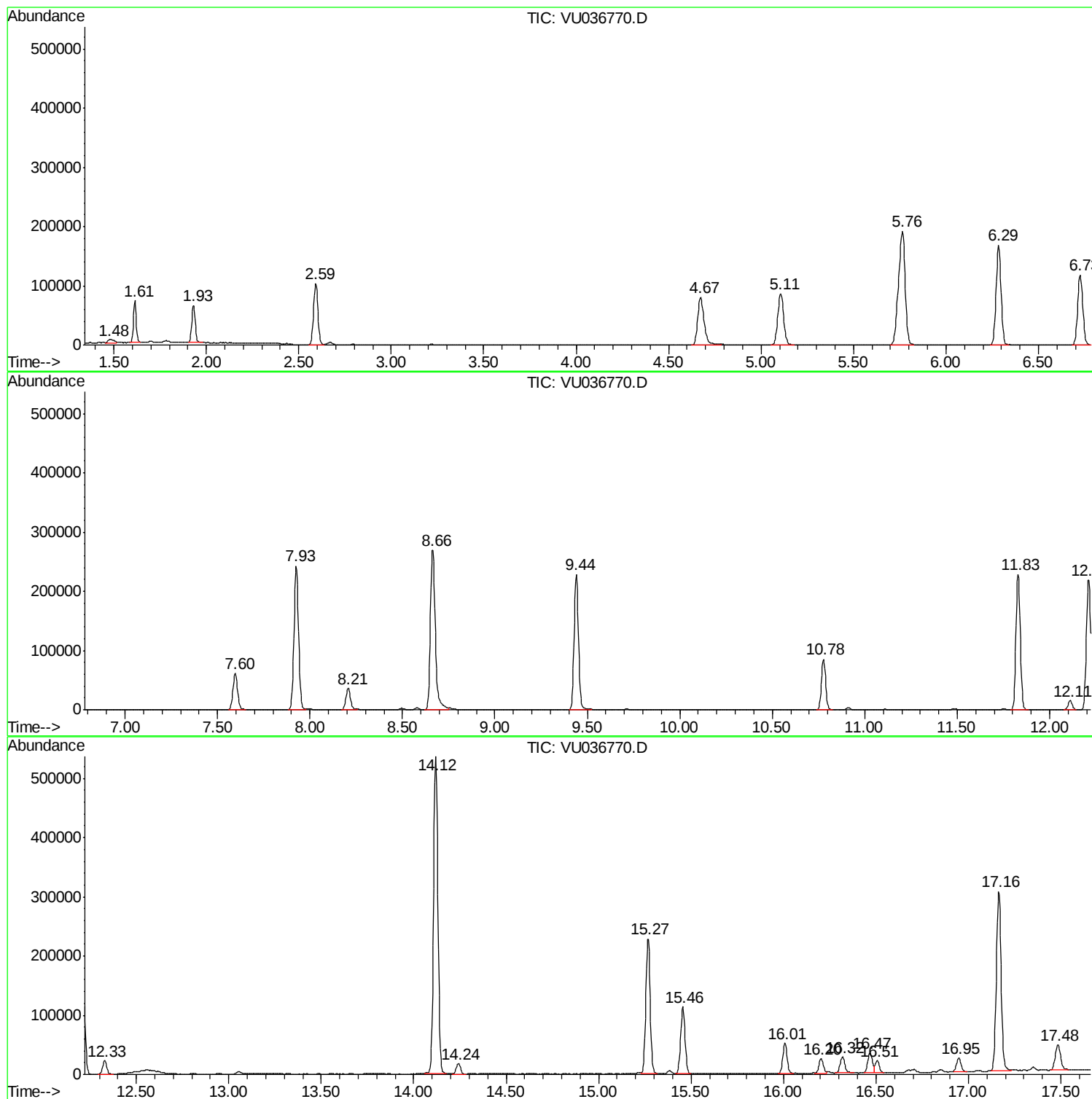
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021320\
Data File : VU036770.D
Acq On : 13 Feb 2020 14:29
Operator : JC/MD
Sample : L1487-19
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCW9

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



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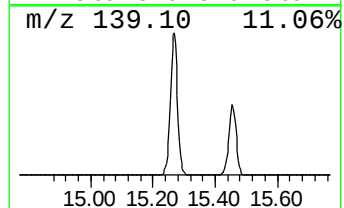
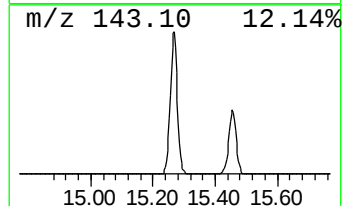
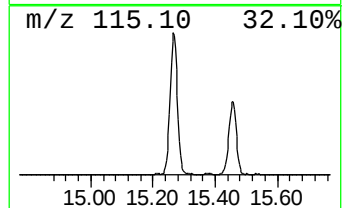
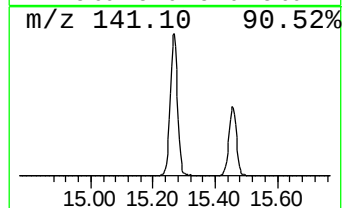
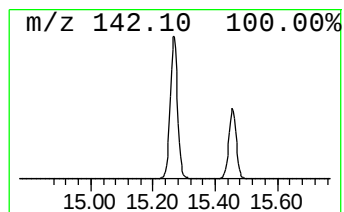
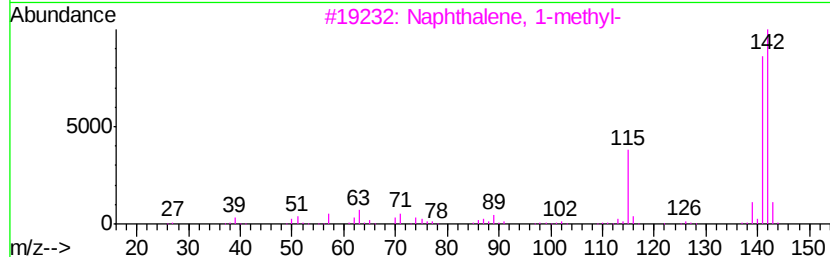
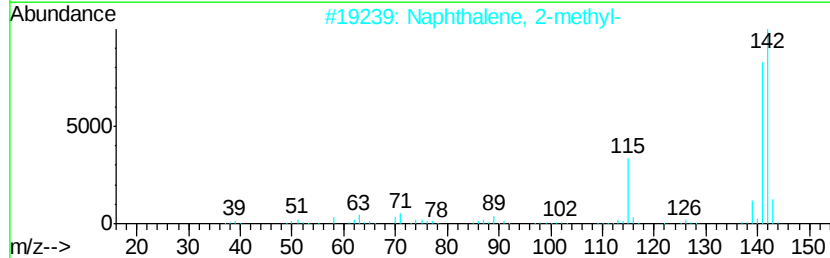
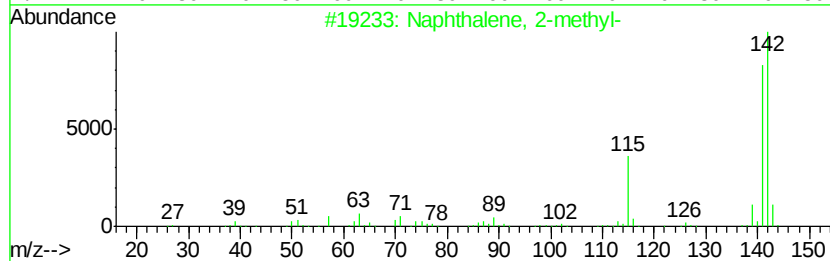
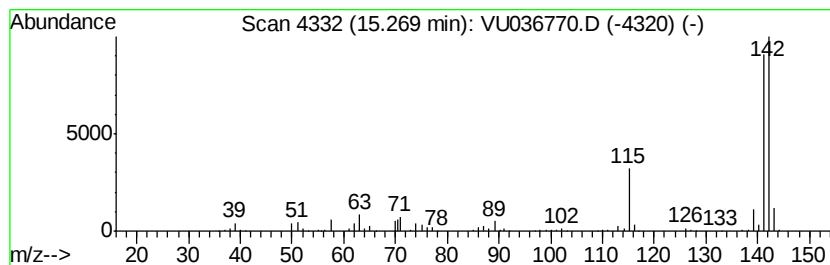
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	5.08 ug/L	368831	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCW9

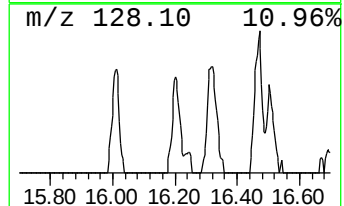
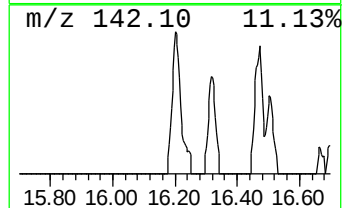
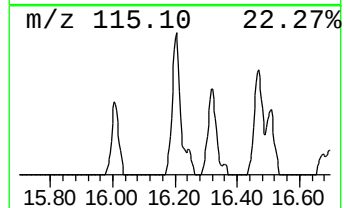
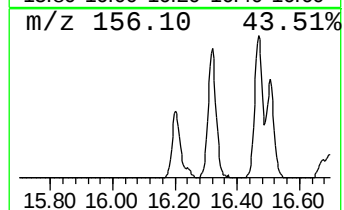
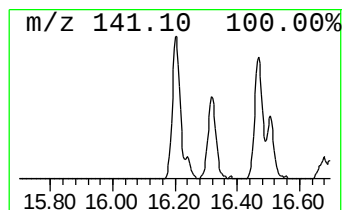
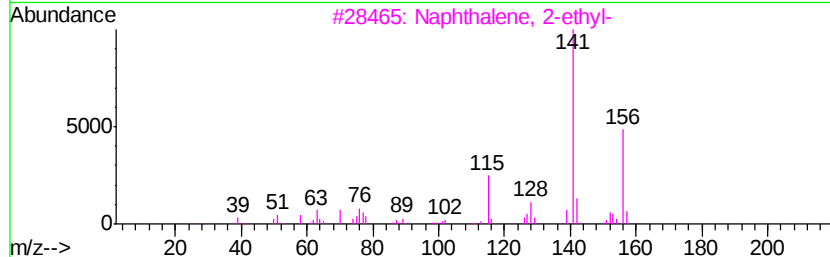
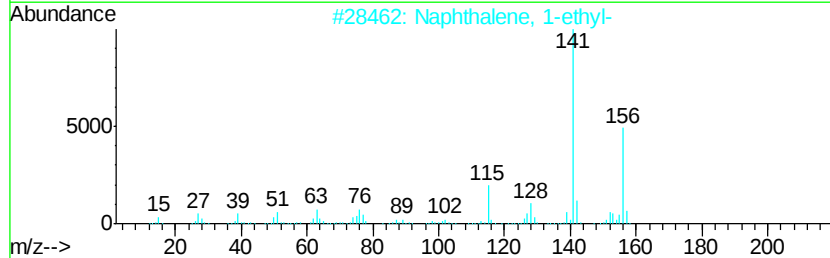
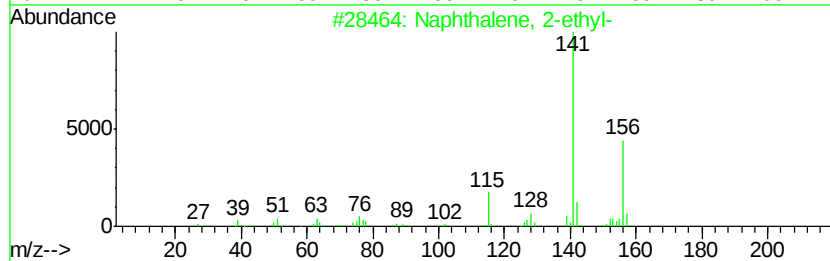
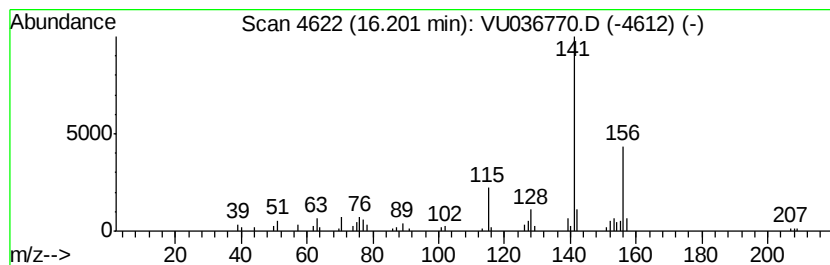
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	0.56 ug/L	40809	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93



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Sample : L1487-19
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCW9

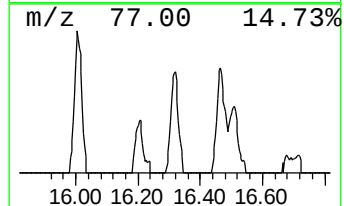
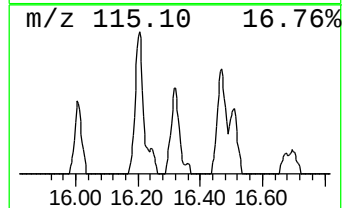
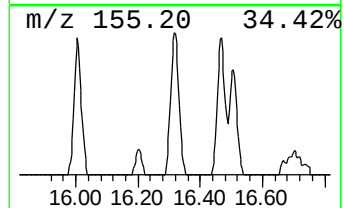
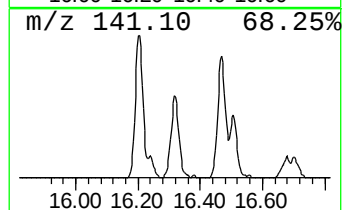
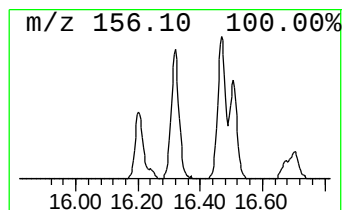
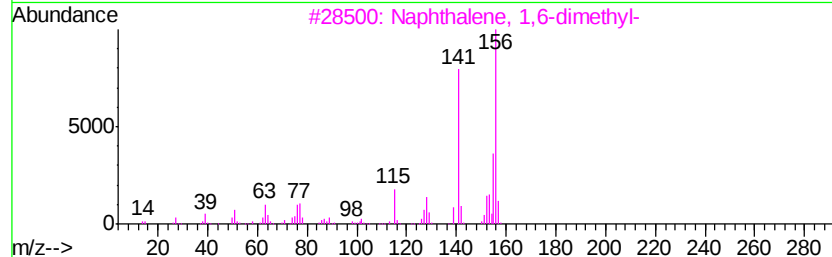
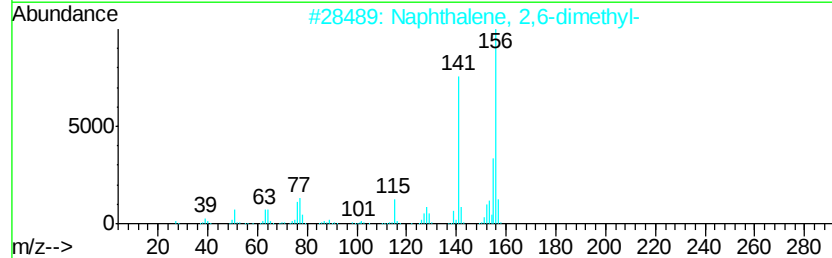
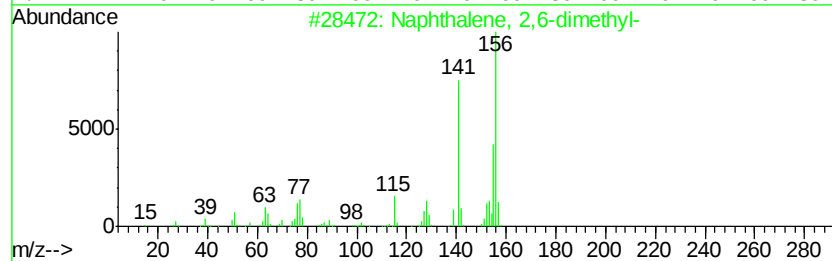
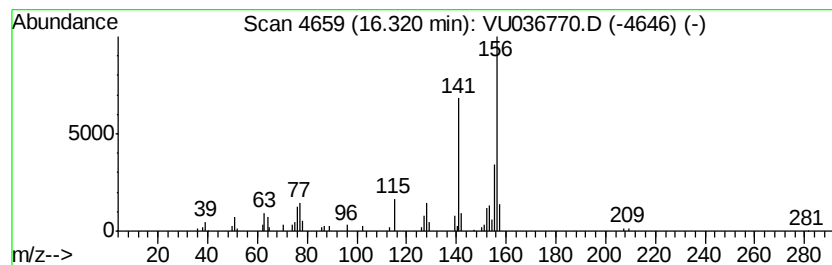
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	0.69 ug/L	49864	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\
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Sample : L1487-19
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
DBCW9

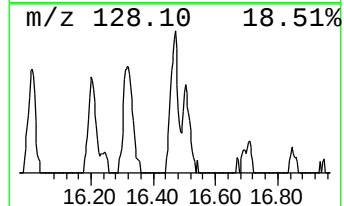
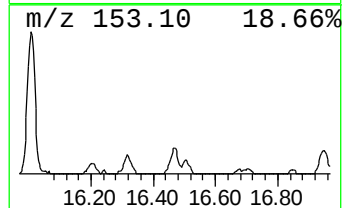
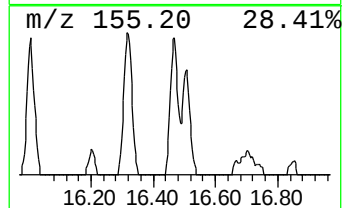
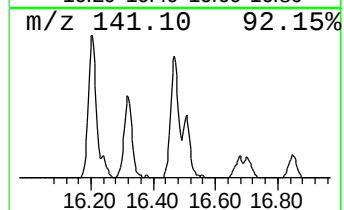
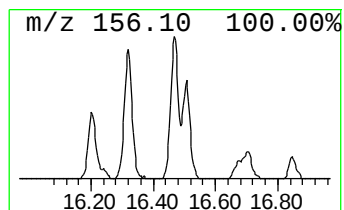
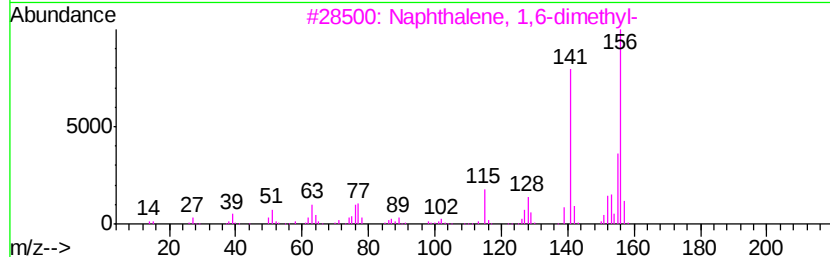
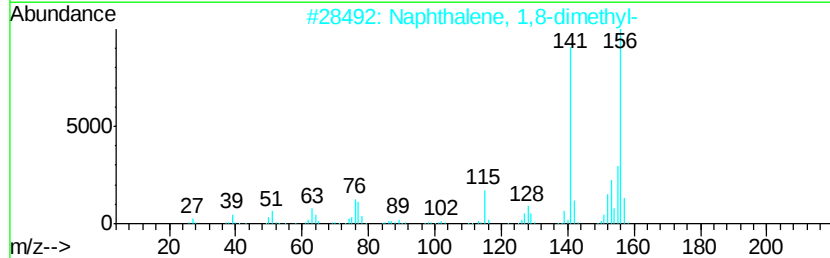
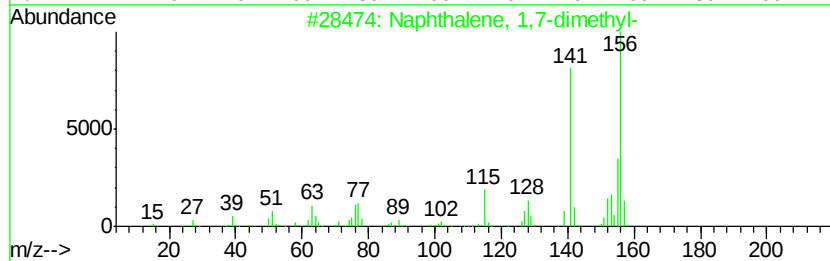
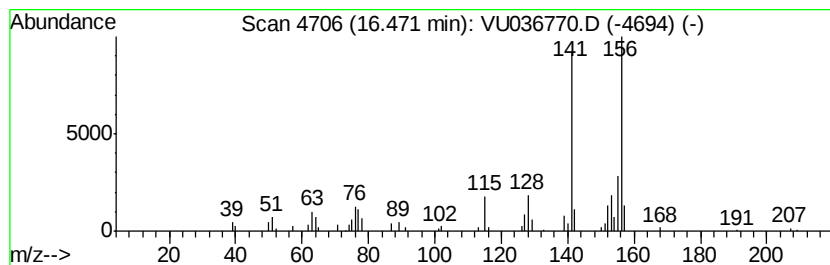
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	0.82 ug/L	59715	1,4-Dichlorobenzene-d4	11.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98



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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCW9

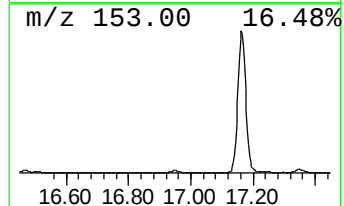
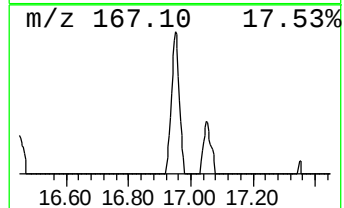
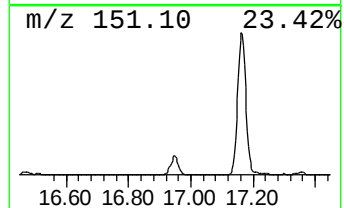
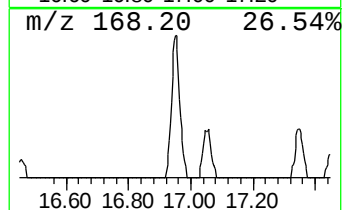
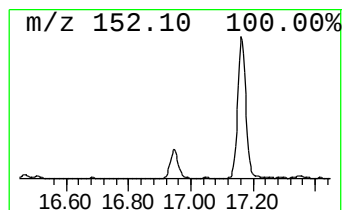
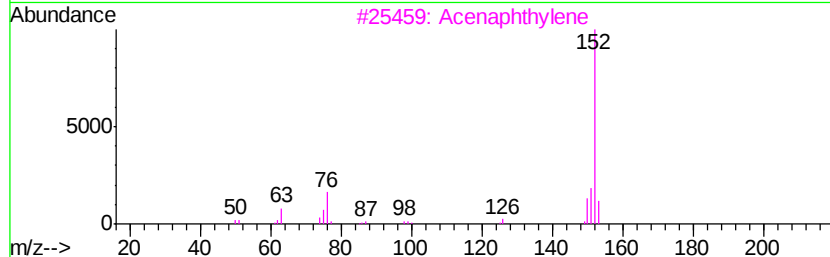
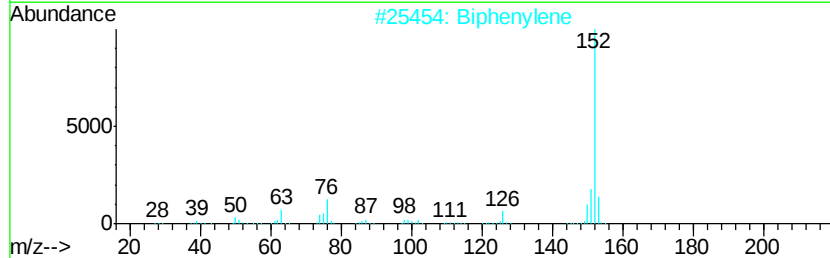
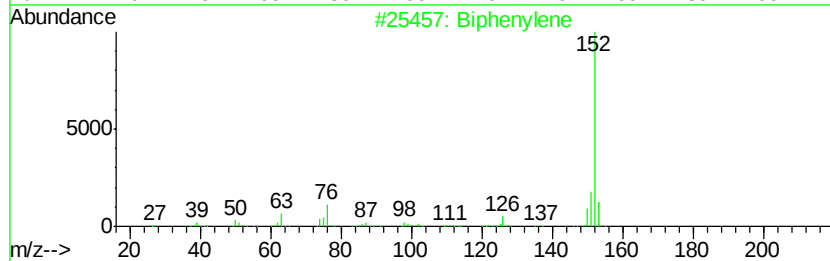
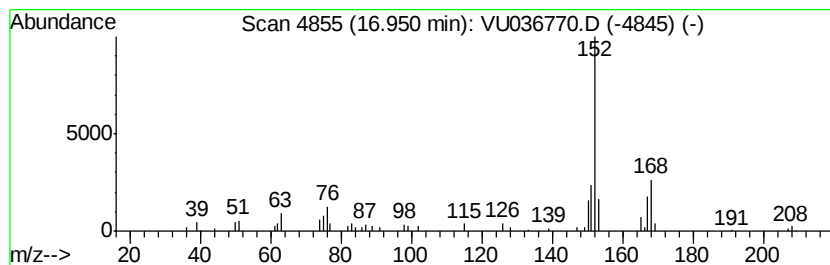
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 9 Biphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	0.55 ug/L	39944	1,4-Dichlorobenzene-d4	11.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene		152	C12H8	000259-79-0	89
2	Biphenylene		152	C12H8	000259-79-0	76
3	Acenaphthylene		152	C12H8	000208-96-8	64
4	Acenaphthylene		152	C12H8	000208-96-8	62
5	Biphenylene		152	C12H8	000259-79-0	60



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	15.27	5.1	ug/L	368831	3	11.83	362864	5.0
Naphthalene, 2-et...	16.20	0.6	ug/L	40809	3	11.83	362864	5.0
Naphthalene, 2,6-...	16.32	0.7	ug/L	49864	3	11.83	362864	5.0
Naphthalene, 1,7-...	16.47	0.8	ug/L	59715	3	11.83	362864	5.0
Biphenylene	16.95	0.6	ug/L	39944	3	11.83	362864	5.0