

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110718\
 Data File : VR026202.D
 Acq On : 7 Nov 2018 13:25
 Operator : SY/MD
 Sample : J5801-02DL 40X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 F9D01DL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

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_R\METHODS\SOMRTR101518WMA.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	2.147	67	77	88	rBV	126284	353633	2.10%	0.554%
2	2.628	144	156	168	rBV	151234	384938	2.28%	0.603%
3	3.607	307	317	331	rBV2	306451	1059982	6.29%	1.659%
4	6.588	799	807	815	rBV	132335	384829	2.28%	0.602%
5	7.197	897	907	923	rBV	399725	999812	5.93%	1.565%
6	7.513	949	959	969	rBV4	68074	202973	1.20%	0.318%
7	7.854	1006	1015	1017	rBV	767099	1460137	8.66%	2.286%
8	7.909	1017	1024	1037	rVB	7681339	16855831	100.00%	26.389%
9	8.462	1105	1115	1127	rBV	878870	1645209	9.76%	2.576%
10	8.900	1179	1187	1193	rBV	502230	986475	5.85%	1.544%
11	9.679	1307	1315	1325	rBV	178596	321982	1.91%	0.504%
12	9.971	1356	1363	1368	rBV	1195451	1883618	11.17%	2.949%
13	10.032	1368	1373	1385	rVB	5723740	9075746	53.84%	14.209%
14	10.591	1457	1465	1479	rBV	702360	1090337	6.47%	1.707%
15	11.291	1573	1580	1589	rBV	1149629	1770676	10.50%	2.772%
16	11.394	1590	1597	1604	rVV	1216306	1722040	10.22%	2.696%
17	11.504	1607	1615	1627	rVB	2073497	3554110	21.09%	5.564%
18	11.832	1662	1669	1677	rVB	978339	1490924	8.85%	2.334%
19	12.362	1750	1756	1762	rBV	209575	307730	1.83%	0.482%
20	12.538	1780	1785	1788	rBV	213469	305313	1.81%	0.478%
21	12.617	1794	1798	1807	rVB	217247	302946	1.80%	0.474%
22	12.921	1842	1848	1853	rBV	501168	661029	3.92%	1.035%
23	13.140	1872	1884	1892	rBV	215554	367042	2.18%	0.575%
24	13.220	1892	1897	1901	rBV	1039435	1532092	9.09%	2.399%
25	13.420	1921	1930	1935	rBV	1069657	1489341	8.84%	2.332%
26	13.518	1941	1946	1954	rVB3	808837	1360743	8.07%	2.130%
27	13.603	1954	1960	1970	rVB	1051296	1535126	9.11%	2.403%
28	14.619	2121	2127	2133	rBV	172599	255369	1.52%	0.400%
29	15.002	2183	2190	2199	rBV	7068573	9796805	58.12%	15.337%
30	15.093	2200	2205	2212	rVB	141263	214794	1.27%	0.336%
31	16.006	2348	2355	2362	rBV	166571	292940	1.74%	0.459%
32	16.194	2380	2386	2394	rVB	112672	210454	1.25%	0.329%

LSC Area Percent Report

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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 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_R\METHODS\SOMRTR101518WMA.M
Title : TRACE VOA SOM01.0

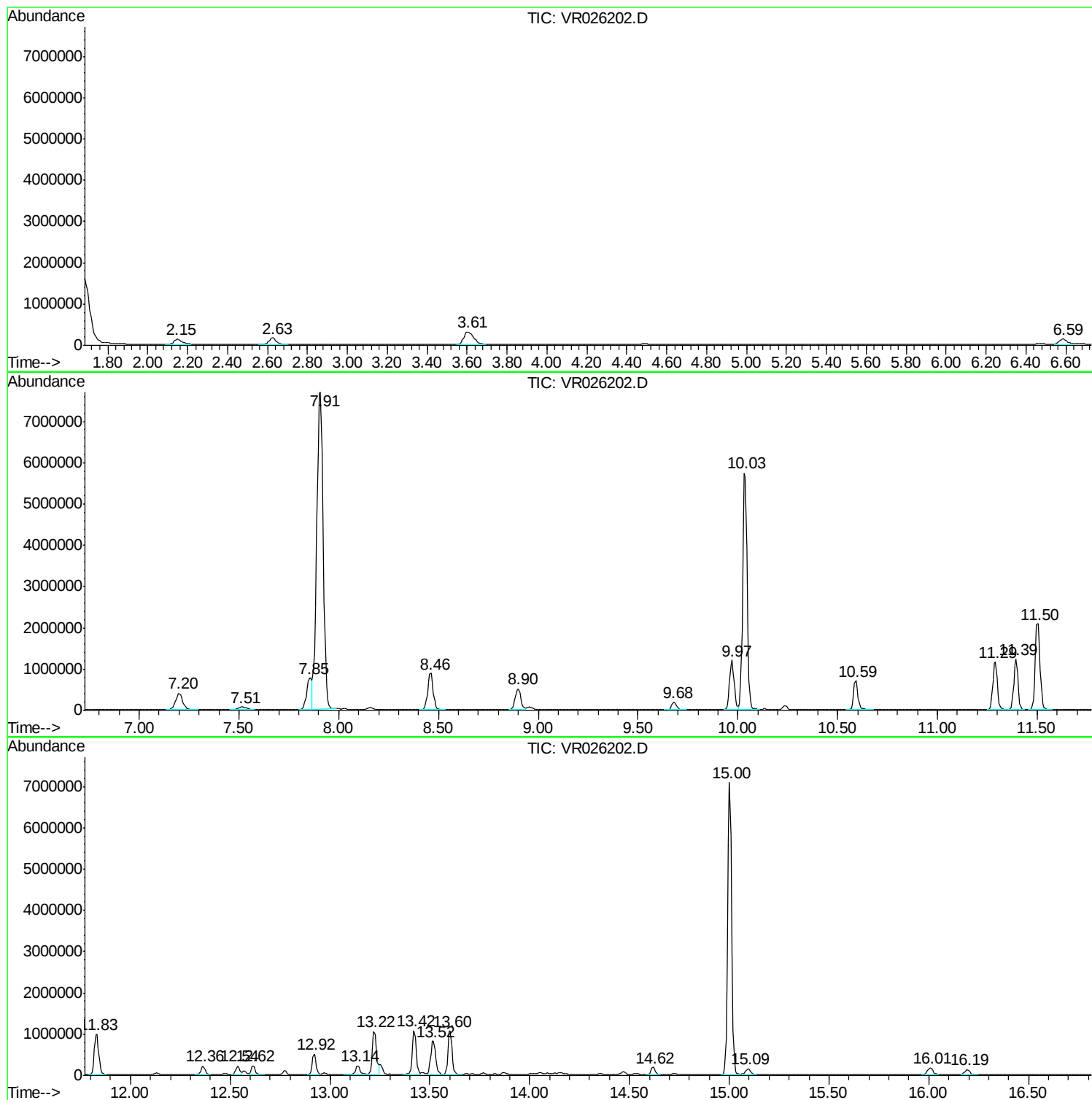
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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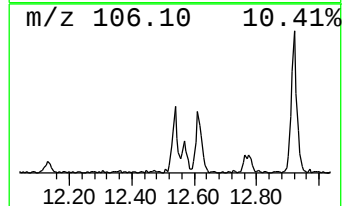
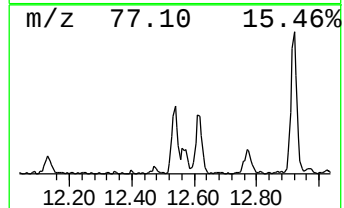
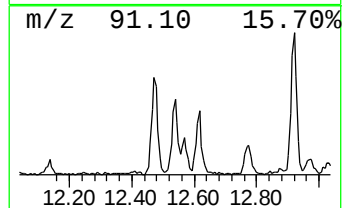
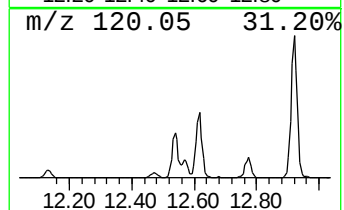
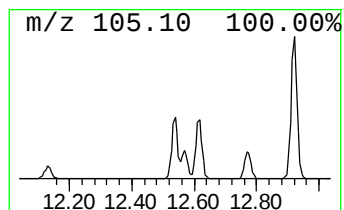
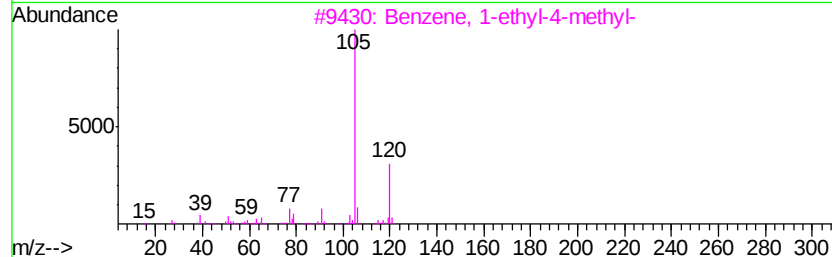
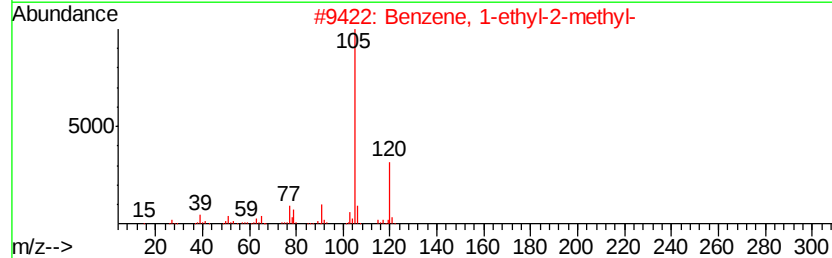
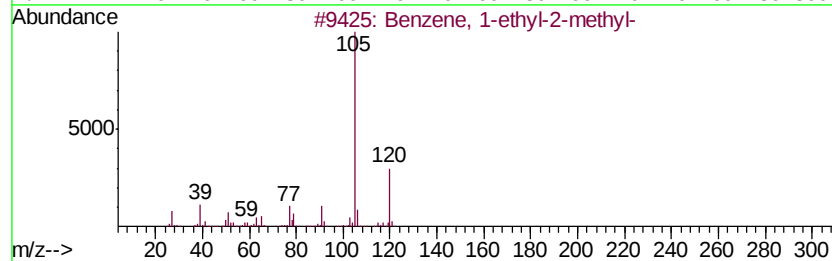
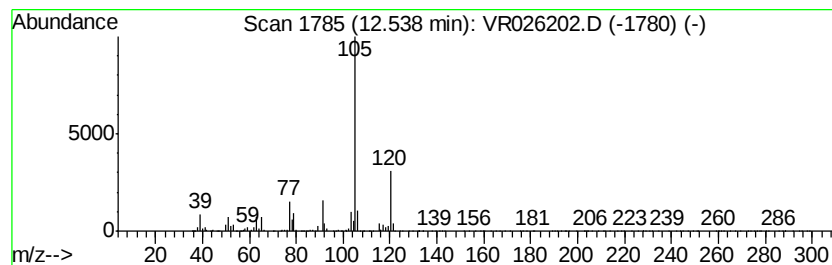
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	1.00 ug/L	305313	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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ClientSampleId :
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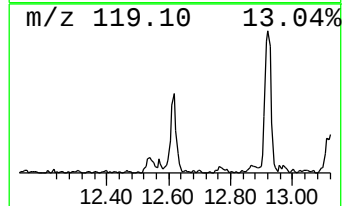
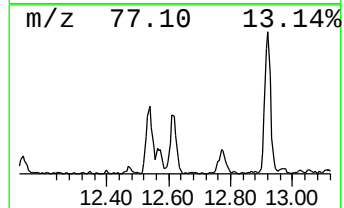
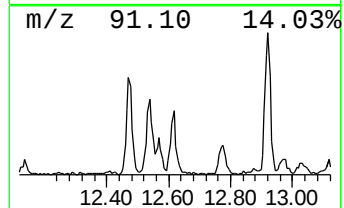
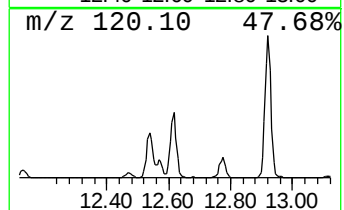
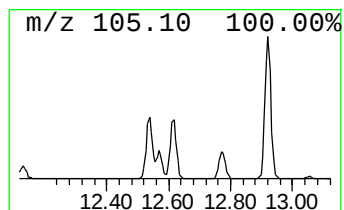
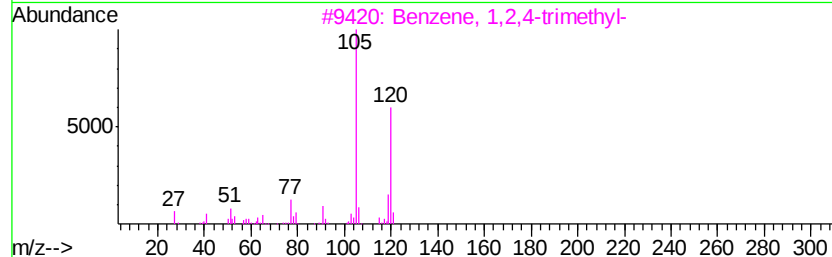
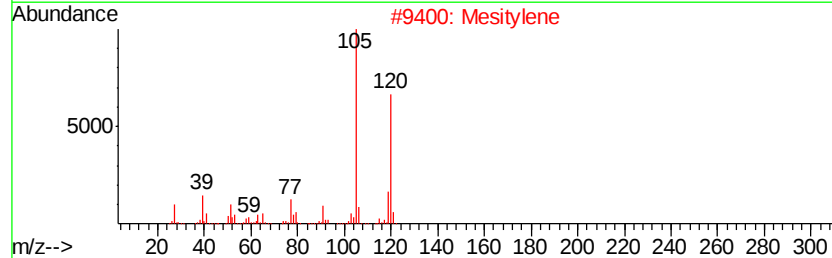
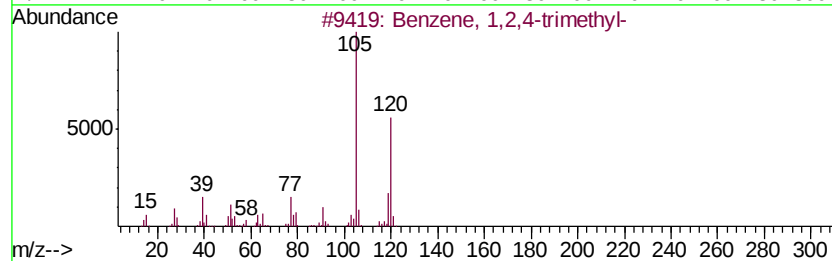
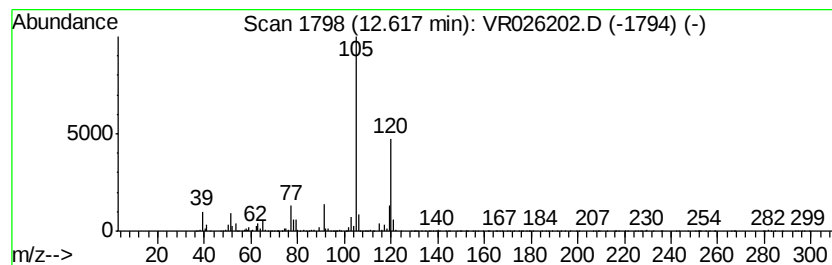
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	0.99 ug/L	302946	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2		Mesitylene	120	C9H12	000108-67-8	95
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



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Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

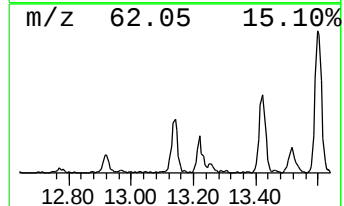
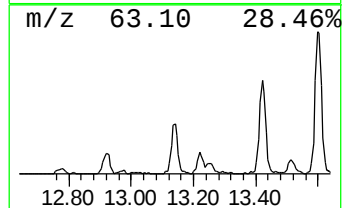
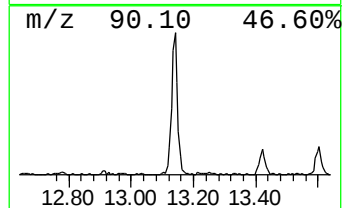
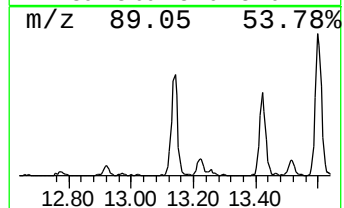
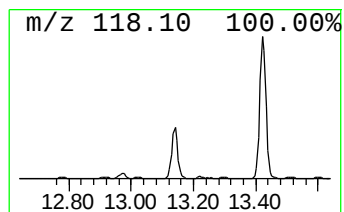
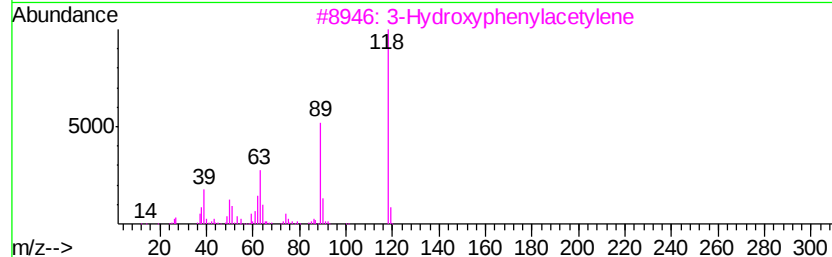
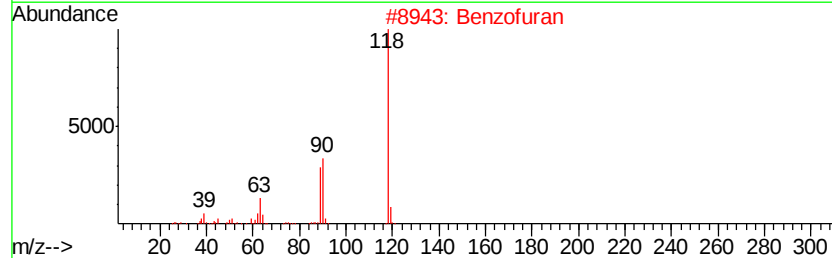
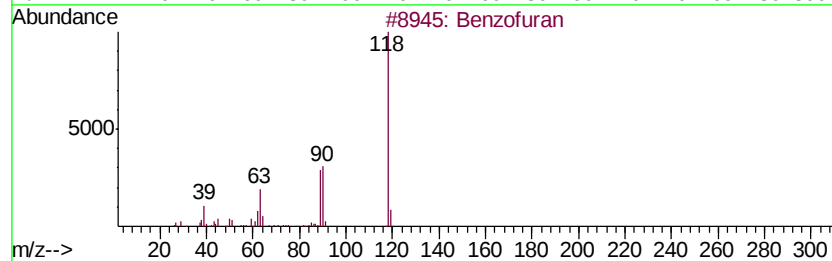
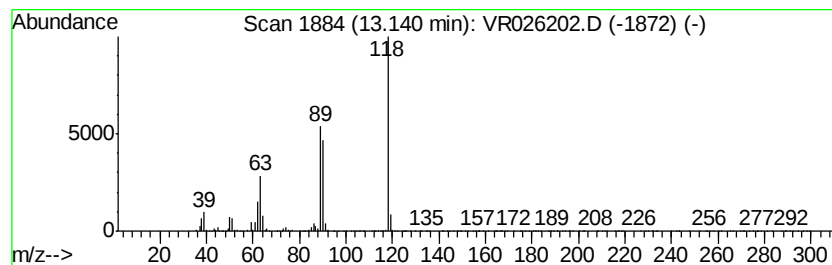
Instrument :
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 Benzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	1.20 ug/L	367042	1,4-Dichlorobenzene-d4	13.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzofuran	118 C8H6O	000271-89-6 91
2		Benzofuran	118 C8H6O	000271-89-6 90
3		3-Hydroxyphenylacetylene	118 C8H6O	010401-11-3 87
4		4-Methylphthalic anhydride	162 C9H6O3	019438-61-0 80
5		Coumarin	146 C9H6O2	000091-64-5 78



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Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

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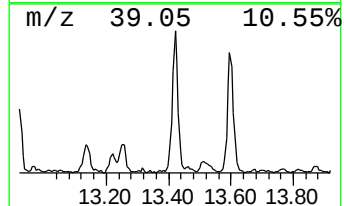
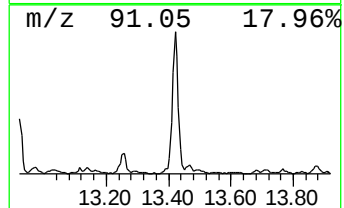
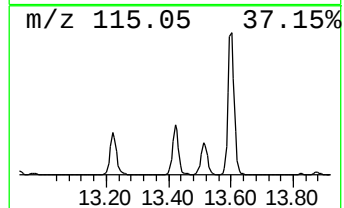
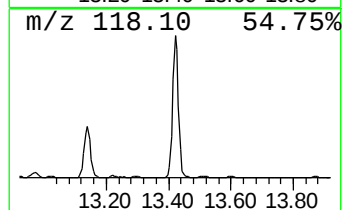
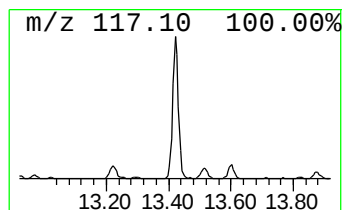
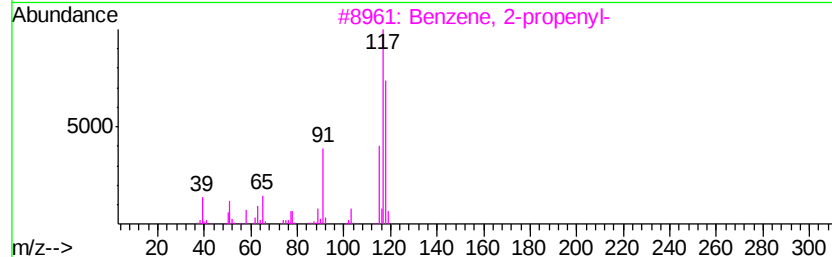
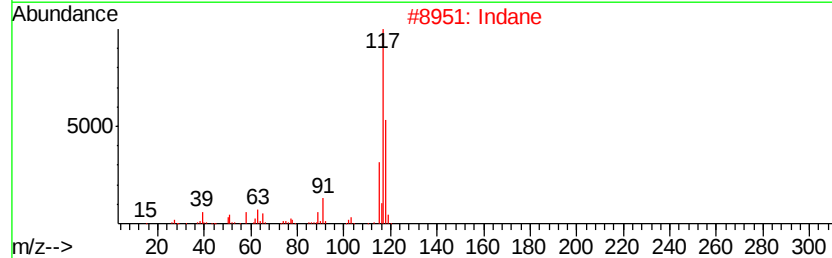
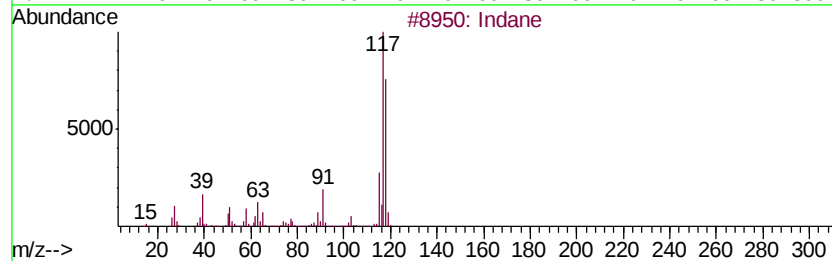
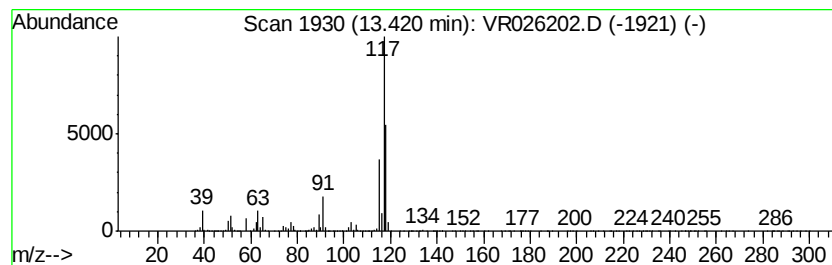
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	4.86 ug/L	1489340	1,4-Dichlorobenzene-d4	13.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	95
2	Indane		118	C9H10	000496-11-7	94
3	Benzene, 2-propenyl-		118	C9H10	000300-57-2	81
4	Benzeneethanol, .beta.-ethenyl-		148	C10H12O	006052-63-7	78
5	Deltacyclene		118	C9H10	007785-10-6	76



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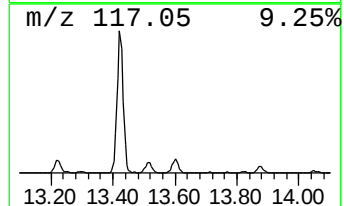
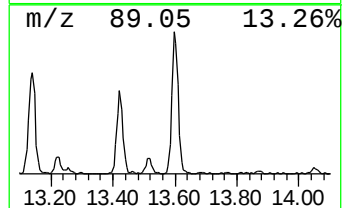
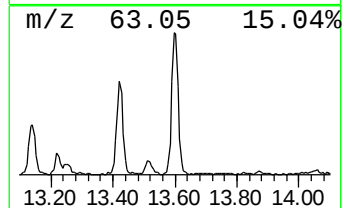
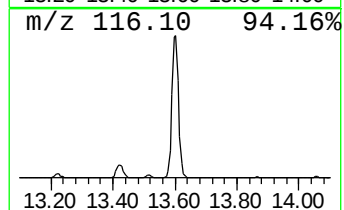
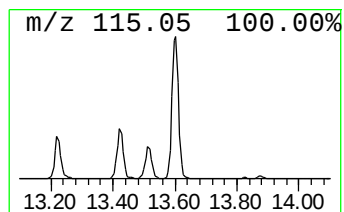
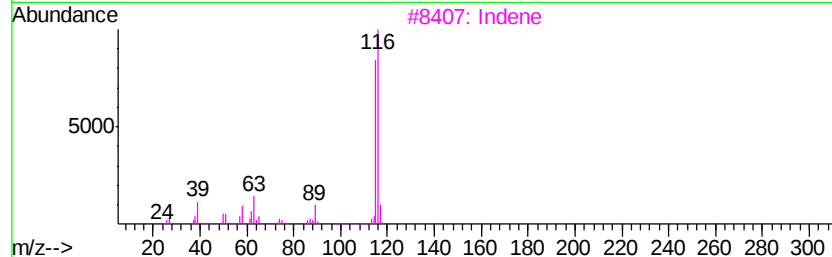
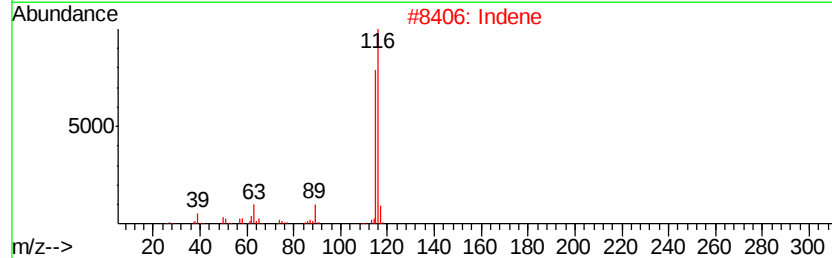
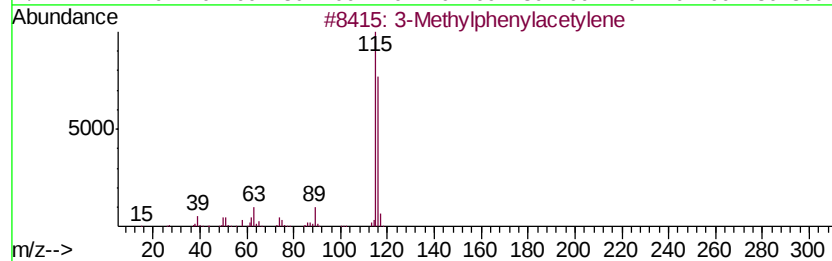
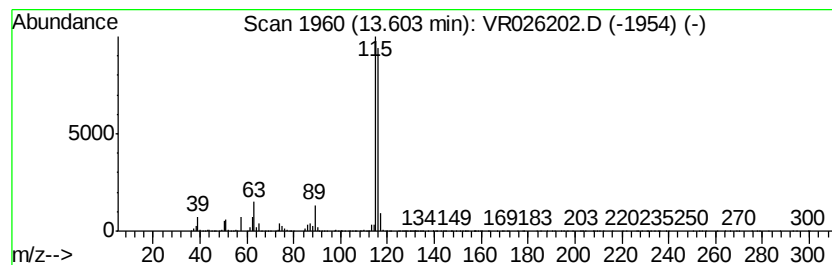
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 3-Methylphenylacetylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	5.01 ug/L	1535130	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
2		Indene	116	C9H8	000095-13-6	94
3		Indene	116	C9H8	000095-13-6	94
4		Indene	116	C9H8	000095-13-6	93
5		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91



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Instrument :
MSVOA_R
ClientSampleId :
F9D01DL

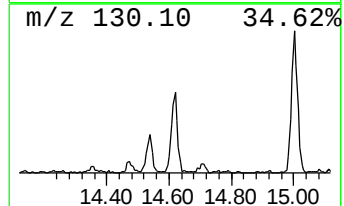
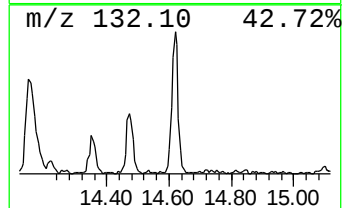
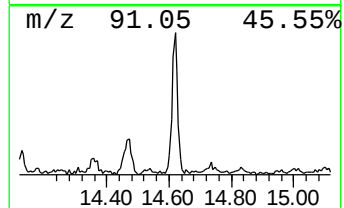
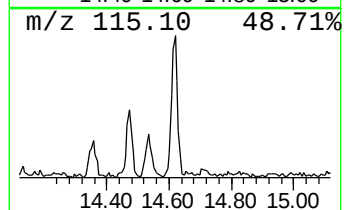
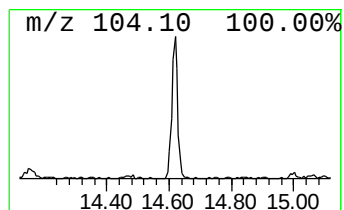
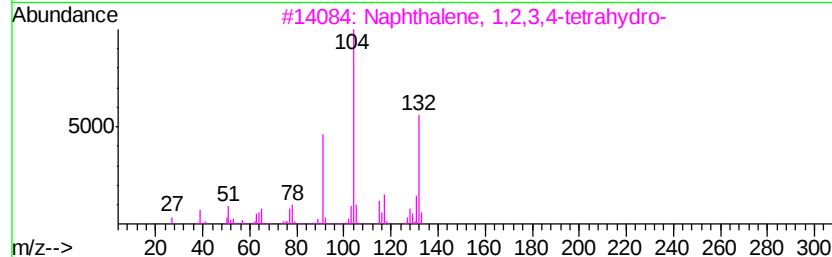
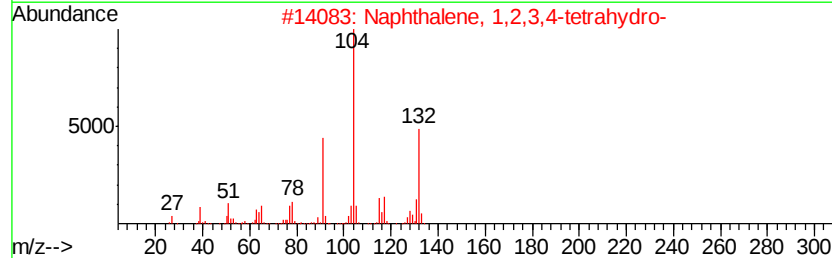
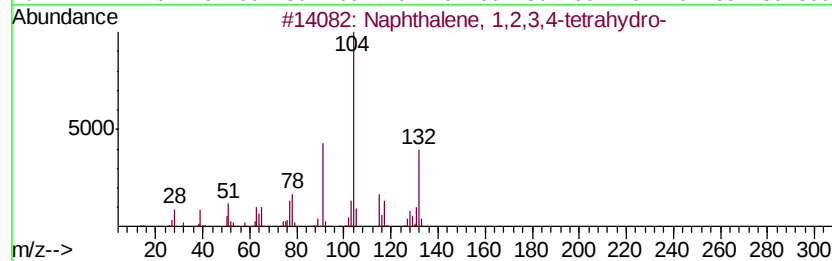
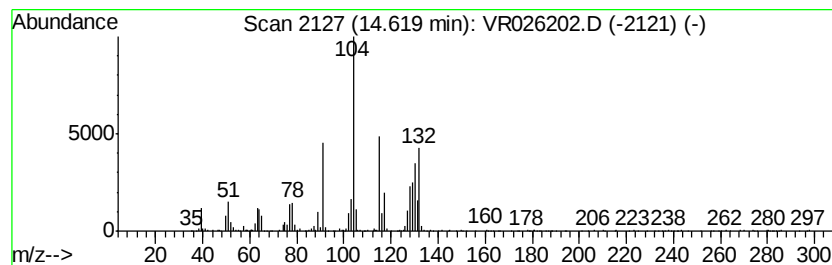
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	0.83 ug/L	255369	1,4-Dichlorobenzene-d4	13.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
2		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	53
3		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	53
4		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	53
5		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110718\
Data File : VR026202.D
Acq On : 7 Nov 2018 13:25
Operator : SY/MD
Sample : J5801-02DL 40X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D01DL

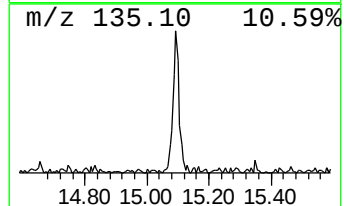
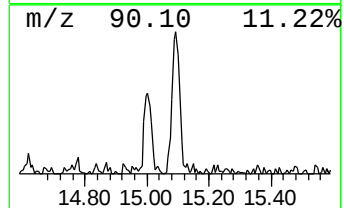
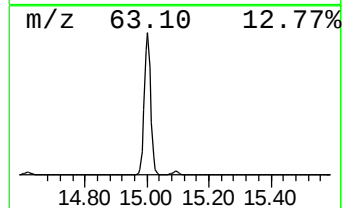
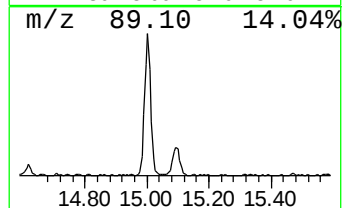
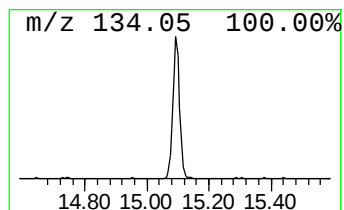
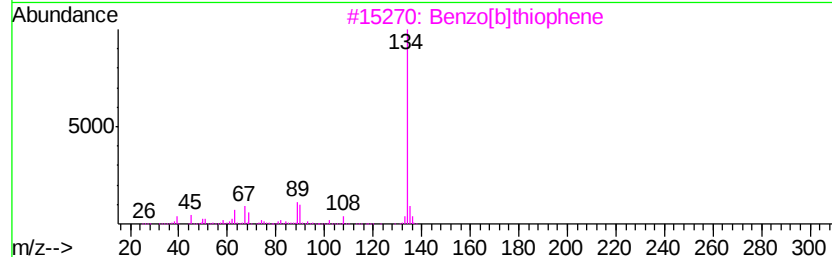
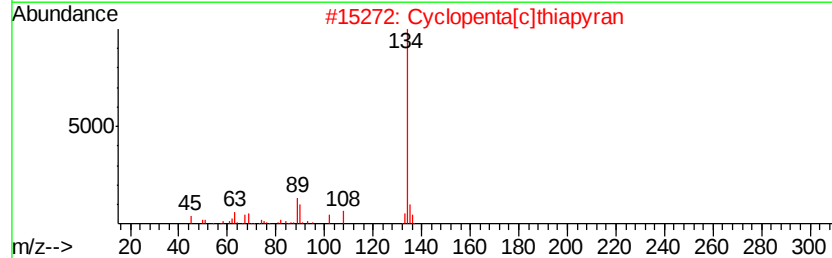
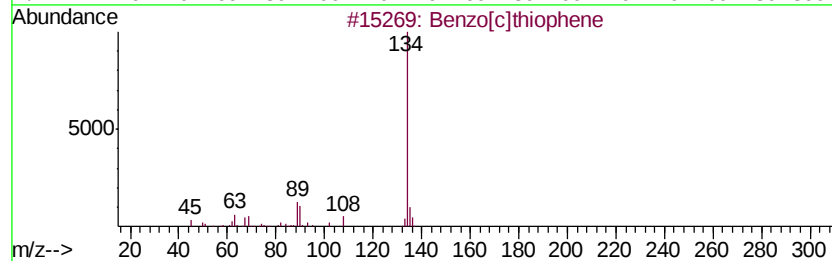
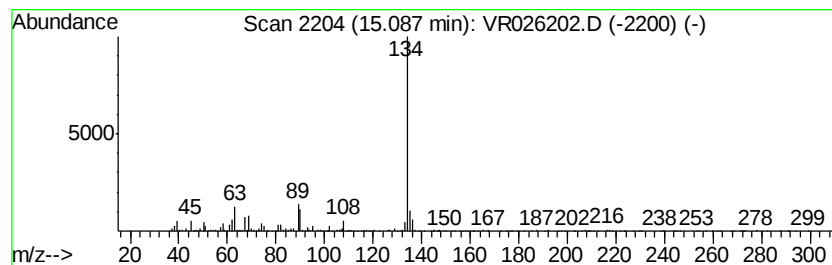
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzo[c]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	0.70 ug/L	214794	1,4-Dichlorobenzene-d4	13.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	90
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110718\
Data File : VR026202.D
Acq On : 7 Nov 2018 13:25
Operator : SY/MD
Sample : J5801-02DL 40X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D01DL

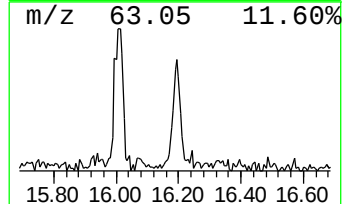
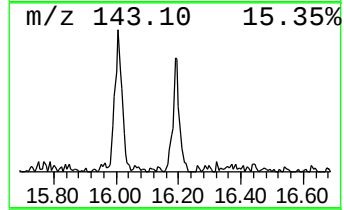
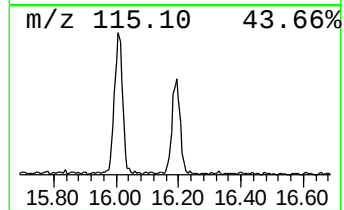
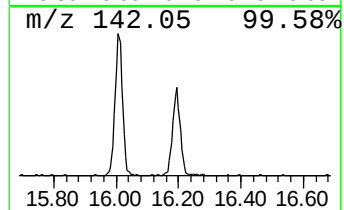
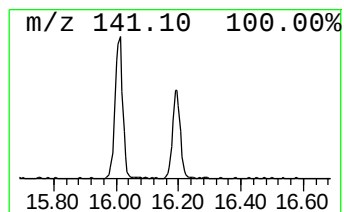
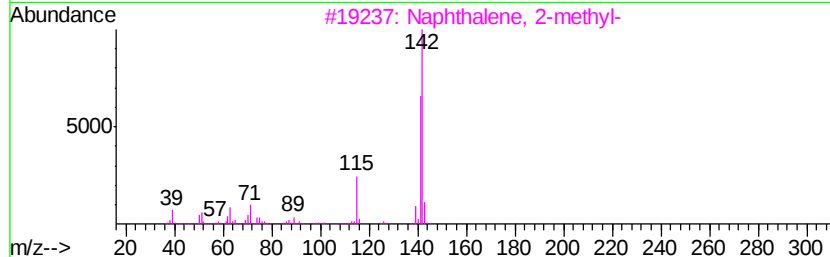
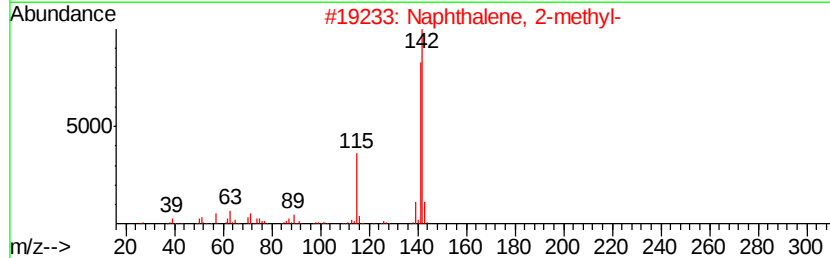
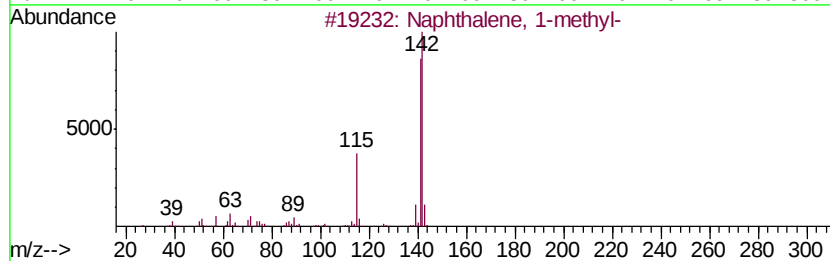
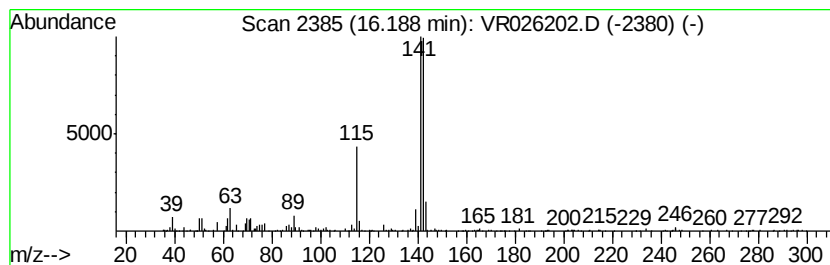
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	0.69 ug/L	210454	1,4-Dichlorobenzene-d4	13.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110718\
Data File : VR026202.D
Acq On : 7 Nov 2018 13:25
Operator : SY/MD
Sample : J5801-02DL 40X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D01DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.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
Benzene, 1-ethyl-...	12.54	1.0	ug/L	305313	3	13.22	1532090	5.0
Benzene, 1,2,4-tr...	12.62	1.0	ug/L	302946	3	13.22	1532090	5.0
Benzofuran	13.14	1.2	ug/L	367042	3	13.22	1532090	5.0
Indane	13.42	4.9	ug/L	1489340	3	13.22	1532090	5.0
3-Methylphenylace...	13.60	5.0	ug/L	1535130	3	13.22	1532090	5.0
Naphthalene, 1,2,...	14.62	0.8	ug/L	255369	3	13.22	1532090	5.0
Benzo[c]thiophene	15.09	0.7	ug/L	214794	3	13.22	1532090	5.0
Naphthalene, 1-me...	16.19	0.7	ug/L	210454	3	13.22	1532090	5.0