

Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
 Data File : VR026191.D
 Acq On : 6 Nov 2018 15:01
 Operator : SY/MD
 Sample : J5801-05
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 F9D04

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	2.160	67	79	99	rBV3	248554	897118	1.39%	0.419%
2	3.048	218	225	241	rVB	414653	1146215	1.77%	0.535%
3	3.601	307	316	327	rBV	396655	1222341	1.89%	0.570%
4	4.453	435	456	458	rBV2	231005	823346	1.27%	0.384%
5	6.467	777	787	799	rBV	488372	1539730	2.38%	0.719%
6	7.203	895	908	929	rBV	423839	1096296	1.69%	0.512%
7	7.513	948	959	971	rBV2	1068904	3110282	4.81%	1.452%
8	7.854	1002	1015	1019	rBV2	823169	2053476	3.17%	0.958%
9	7.902	1019	1023	1034	rVB2	955553	2066990	3.20%	0.965%
10	8.456	1106	1114	1122	rBV	885872	1687342	2.61%	0.787%
11	8.900	1176	1187	1191	rBV	542852	1118115	1.73%	0.522%
12	8.955	1191	1196	1204	rVB	1427455	2788988	4.31%	1.302%
13	9.971	1356	1363	1370	rBV	1512572	2510580	3.88%	1.172%
14	10.591	1458	1465	1478	rBV	611014	997293	1.54%	0.465%
15	11.315	1572	1584	1591	rBV	11252343	17997643	27.82%	8.400%
16	11.394	1591	1597	1607	rVV	10811226	15128101	23.39%	7.060%
17	11.498	1607	1614	1626	rVV	11818667	20151543	31.15%	9.405%
18	11.826	1662	1668	1676	rVB	2602317	3792323	5.86%	1.770%
19	12.131	1712	1718	1726	rVB	962400	1324399	2.05%	0.618%
20	12.471	1768	1774	1779	rBV	795031	1067436	1.65%	0.498%
21	12.538	1779	1785	1788	rVV	2574183	3886570	6.01%	1.814%
22	12.569	1788	1790	1794	rVV	1664399	1996655	3.09%	0.932%
23	12.617	1794	1798	1809	rVB	2336606	3260109	5.04%	1.522%
24	12.769	1817	1823	1831	rBV	605106	958647	1.48%	0.447%
25	12.921	1842	1848	1853	rBV	6717628	8922157	13.79%	4.164%
26	13.226	1892	1898	1899	rBV	1175898	1630683	2.52%	0.761%
27	13.250	1899	1902	1907	rVB	2822263	4108908	6.35%	1.918%
28	13.420	1920	1930	1941	rBV	36763418	64685427	100.00%	30.189%
29	13.524	1941	1947	1955	rVV2	1870028	3825566	5.91%	1.785%
30	13.870	2000	2004	2009	rBV	819718	1160063	1.79%	0.541%
31	14.150	2043	2050	2058	rVB2	821866	2012241	3.11%	0.939%
32	14.351	2079	2083	2089	rBV	1127949	1555083	2.40%	0.726%
33	14.473	2096	2103	2109	rBV3	1131012	2017921	3.12%	0.942%
34	14.534	2109	2113	2118	rVV2	481172	674901	1.04%	0.315%

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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

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35	14.619	2121	2127	2135	rVB	874702	1309793	2.02%	0.611%
36	15.002	2184	2190	2199	rVB	12284165	17588986	27.19%	8.209%
37	16.006	2348	2355	2367	rVB	4735971	8178404	12.64%	3.817%
38	16.188	2377	2385	2399	rVB	2043777	3976158	6.15%	1.856%

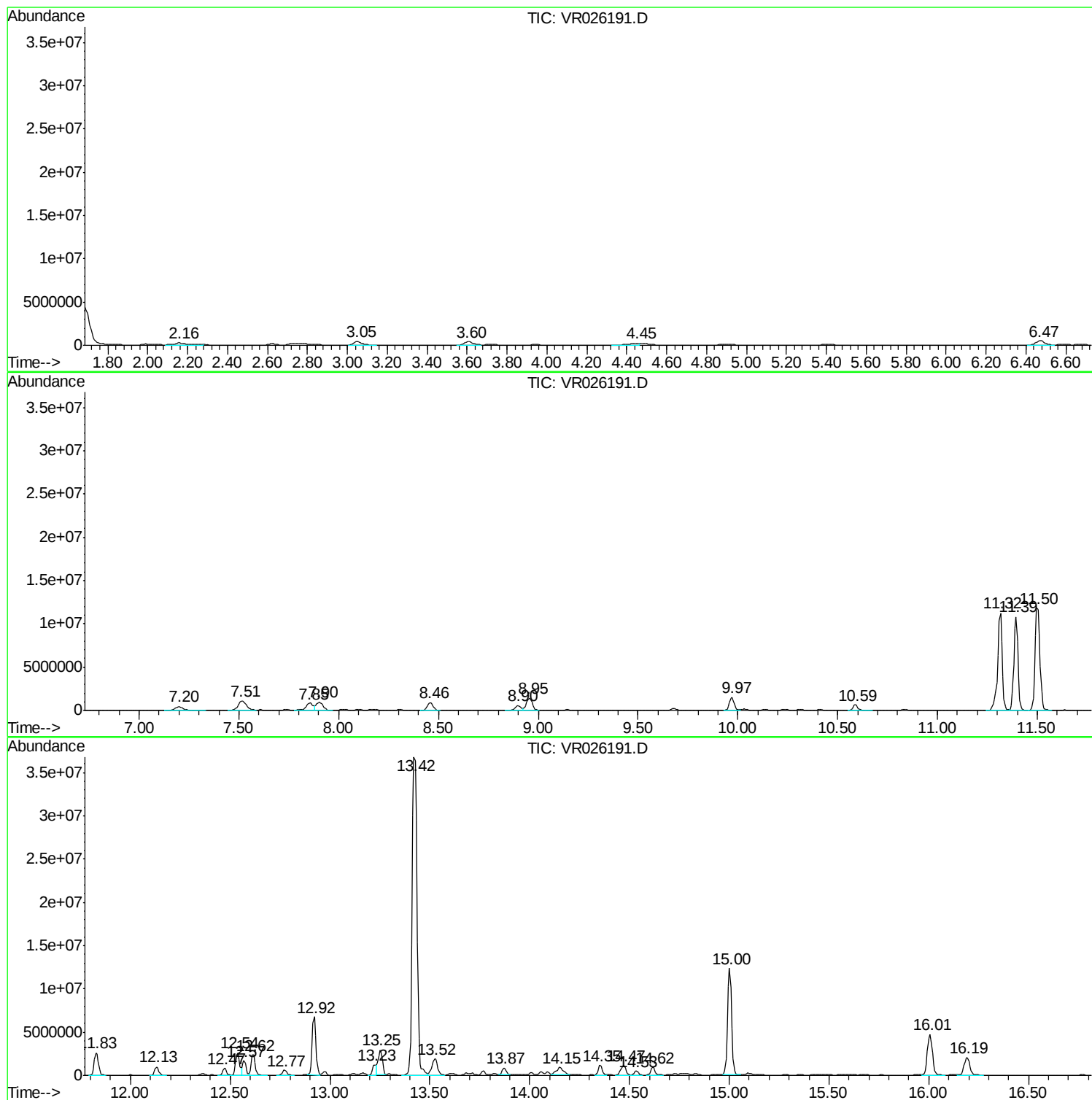
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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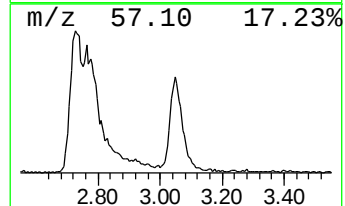
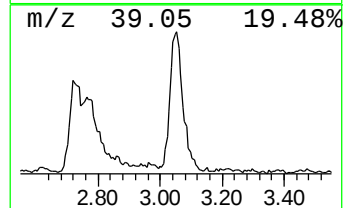
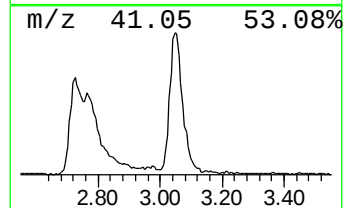
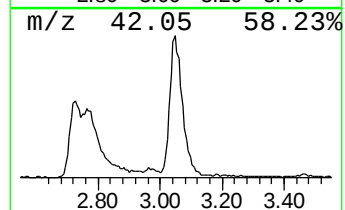
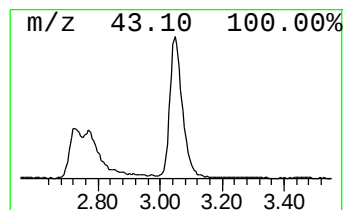
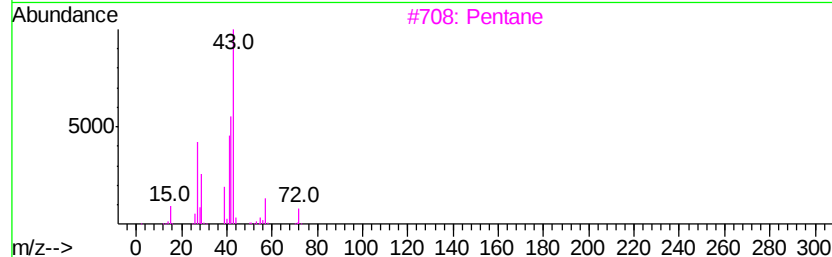
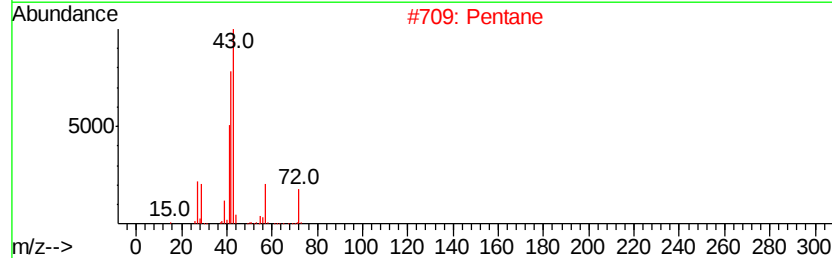
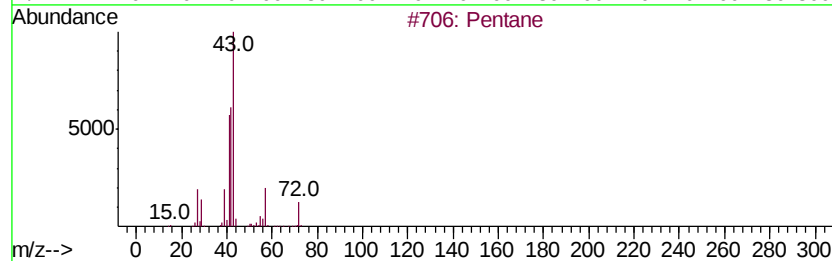
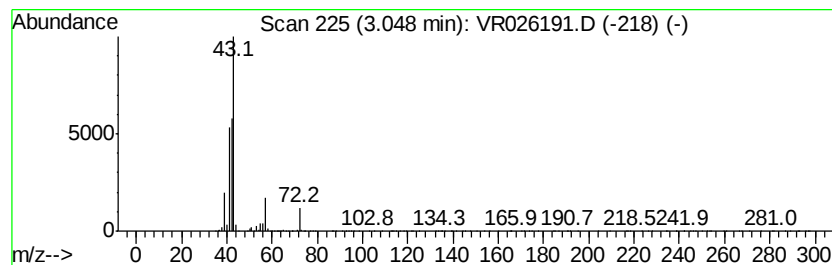
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	3.40 ug/L	1146220	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	91
2		Pentane	72	C5H12	000109-66-0	86
3		Pentane	72	C5H12	000109-66-0	86
4		Pentane	72	C5H12	000109-66-0	86
5		Butane, 2-methyl-	72	C5H12	000078-78-4	45



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ClientSampleId :
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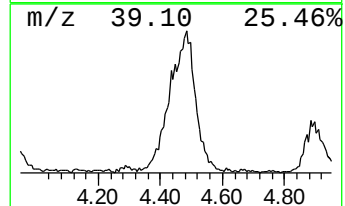
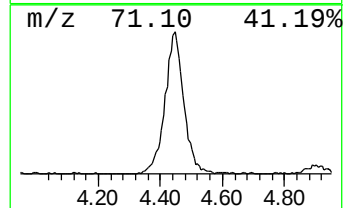
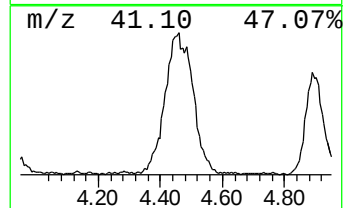
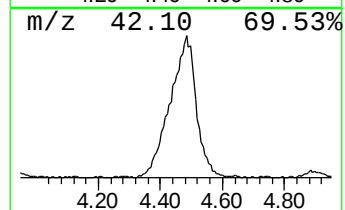
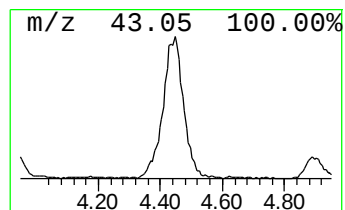
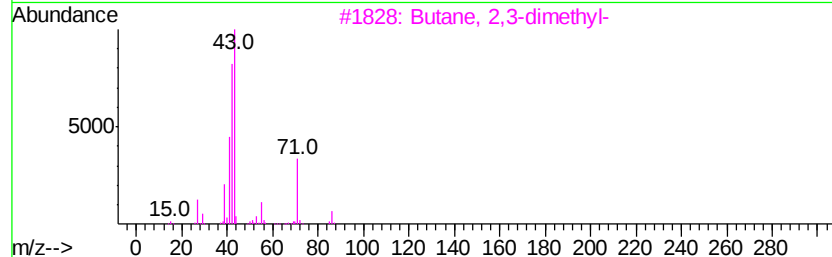
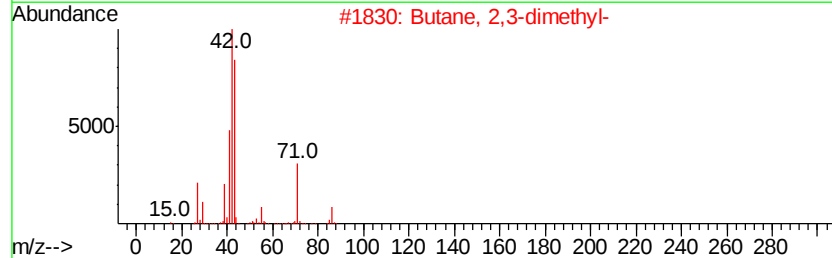
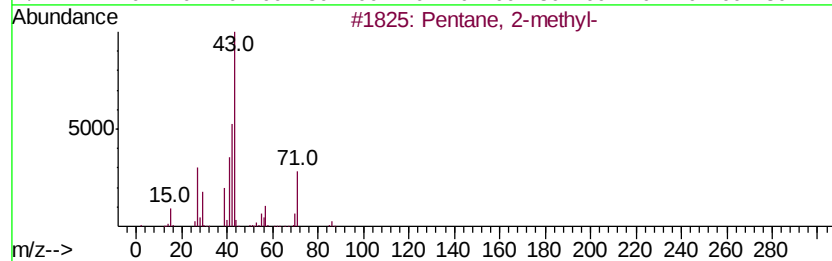
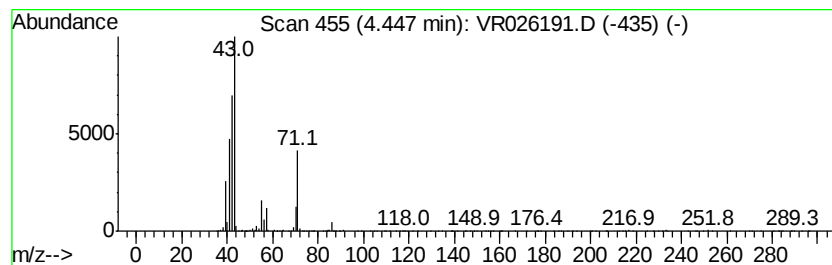
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	2.44 ug/L	823346	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
2		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4		Pentane, 2-methyl-	86	C6H14	000107-83-5	58
5		Cyclobutane, methyl-	70	C5H10	000598-61-8	43



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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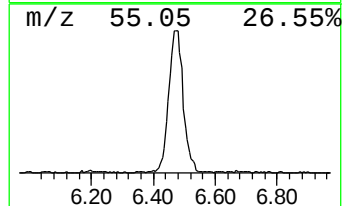
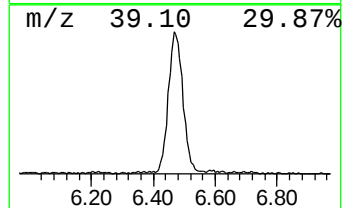
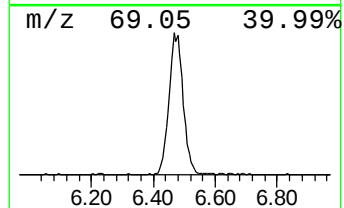
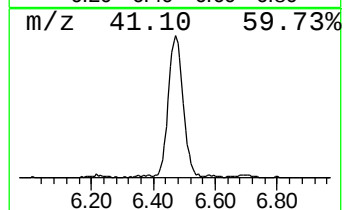
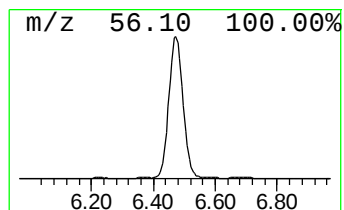
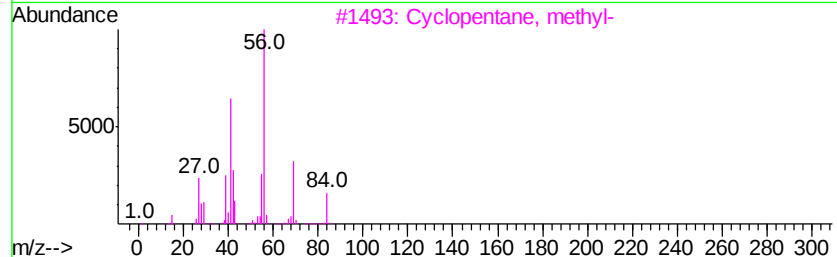
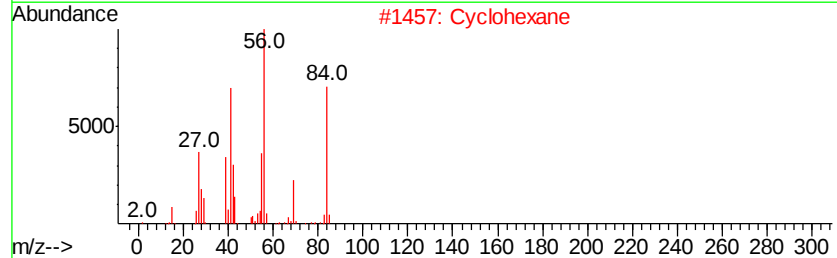
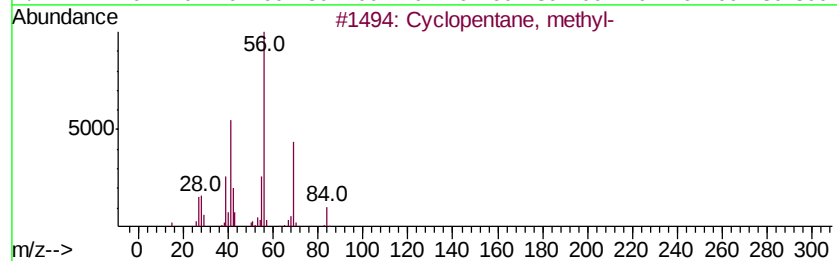
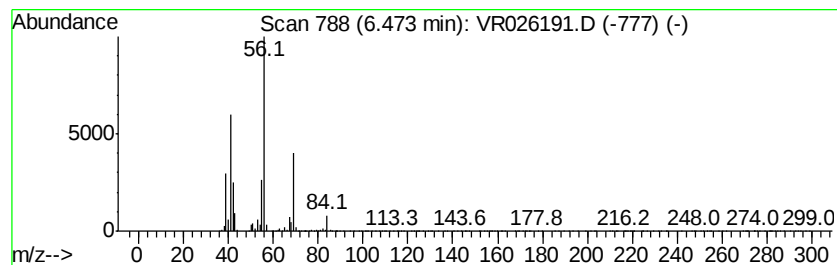
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic6.47 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	4.56 ug/L	1539730	1,4-Difluorobenzene	8.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2		Cyclohexane	84	C6H12	000110-82-7	86
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4		Cyclohexane	84	C6H12	000110-82-7	78
5		Cyclopentane, methyl-	84	C6H12	000096-37-7	78



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Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

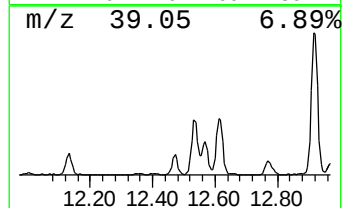
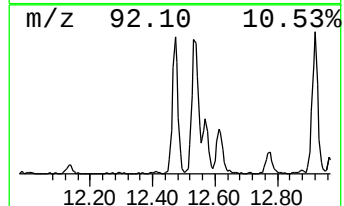
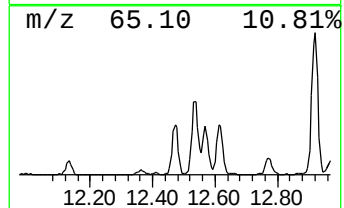
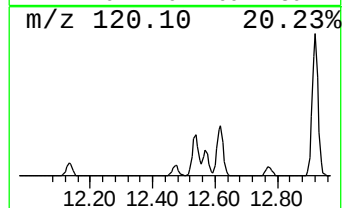
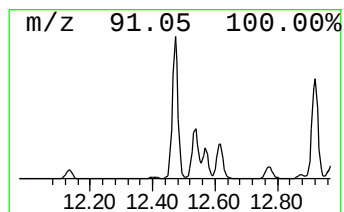
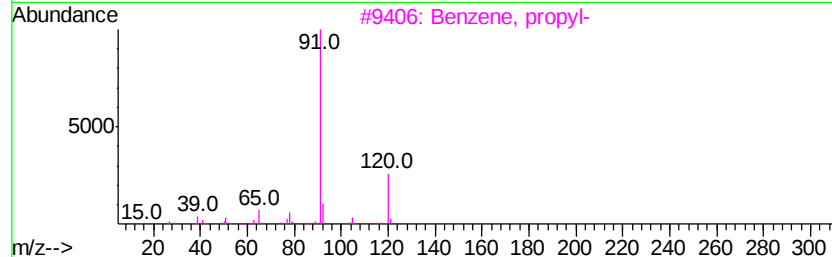
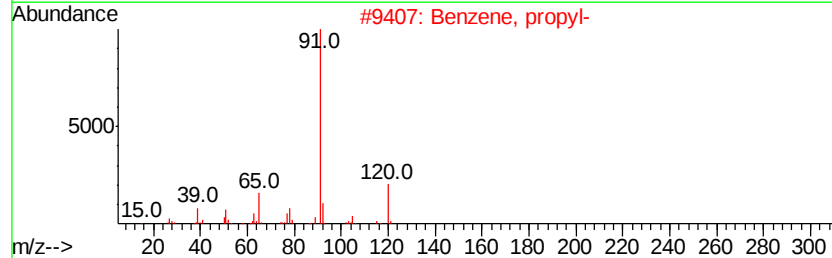
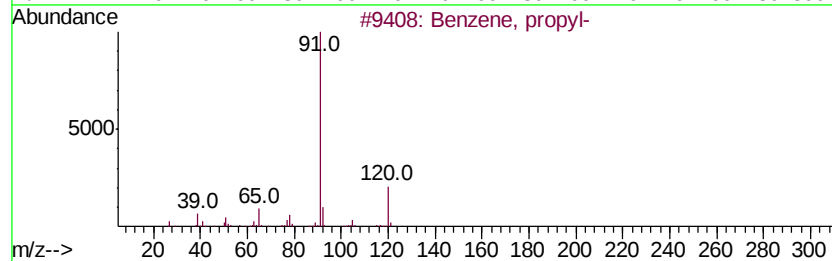
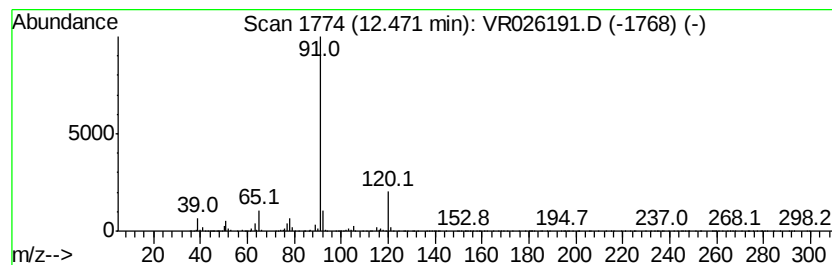
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.27 ug/L	1067440	1,4-Dichlorobenzene-d4	13.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 87
2		Benzene, propyl-	120 C9H12	000103-65-1 81
3		Benzene, propyl-	120 C9H12	000103-65-1 80
4		Phenethylamine, N-benzyl-p-chloro-	245 C15H16ClN	013622-43-0 72
5		Ethanol, 2-[(phenylmethyl)amino]-	151 C9H13NO	000104-63-2 72



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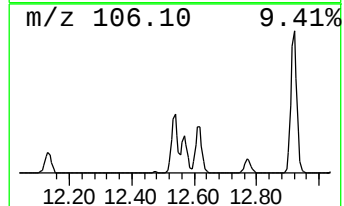
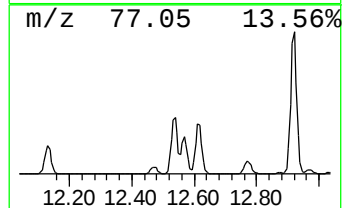
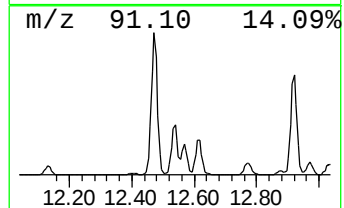
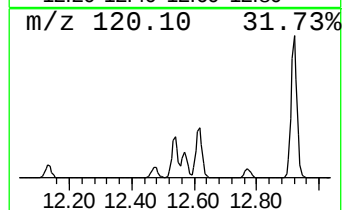
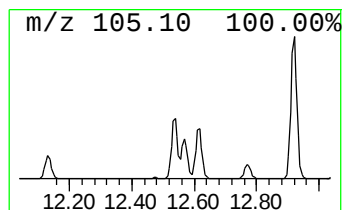
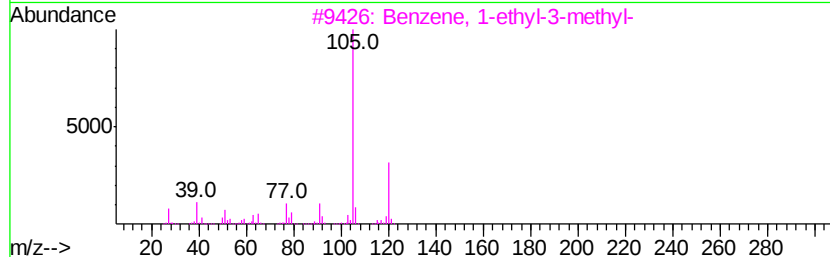
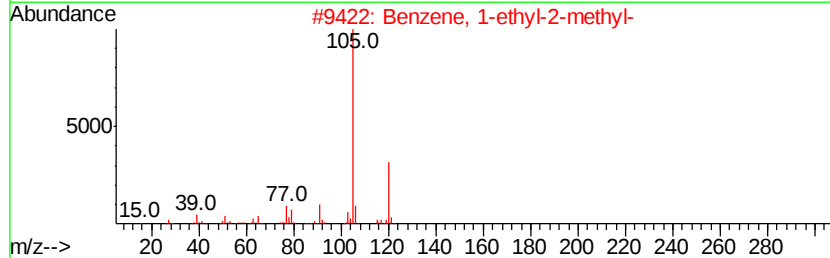
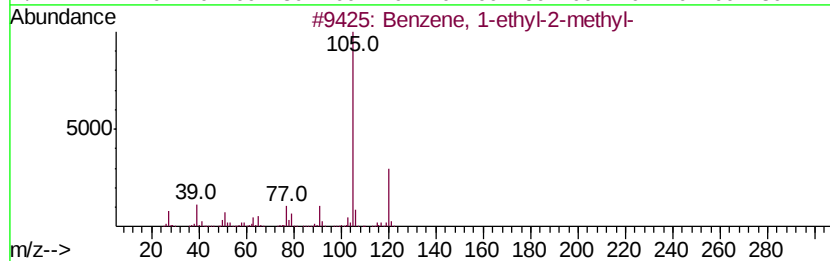
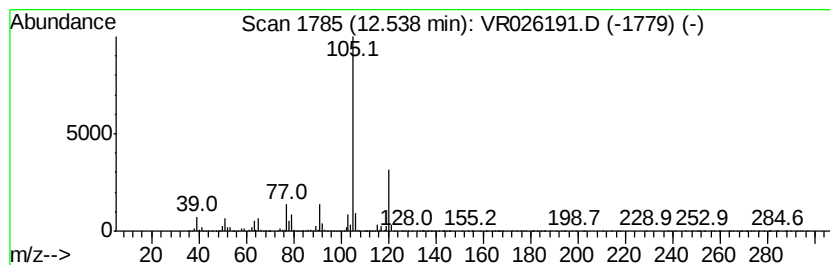
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	11.92 ug/L	3886570	1,4-Dichlorobenzene-d4	13.23

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	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D04

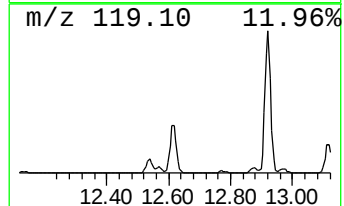
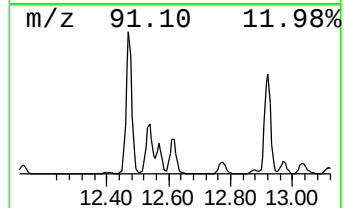
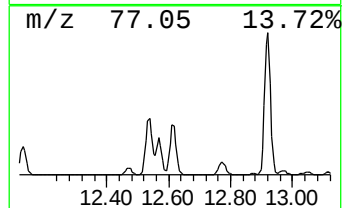
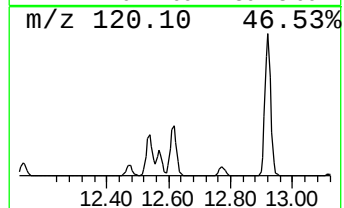
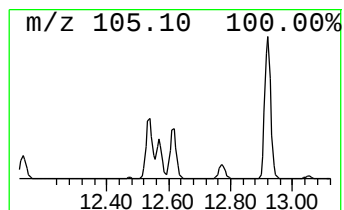
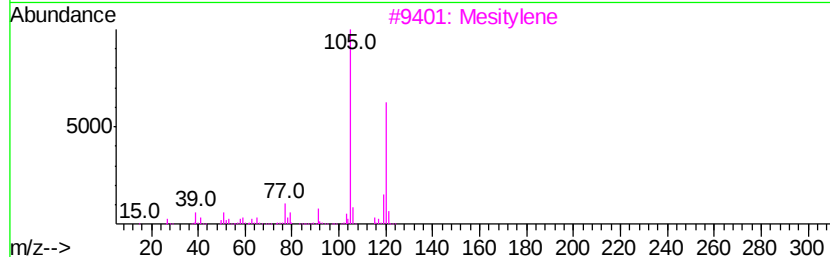
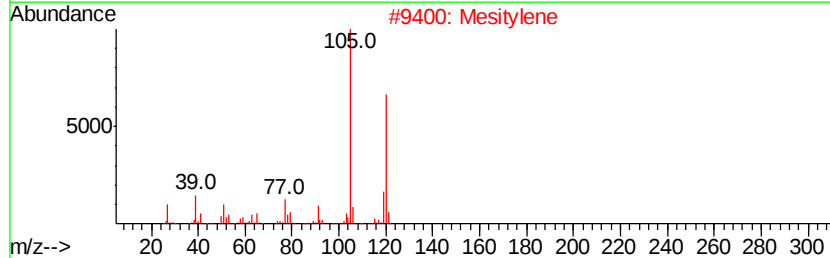
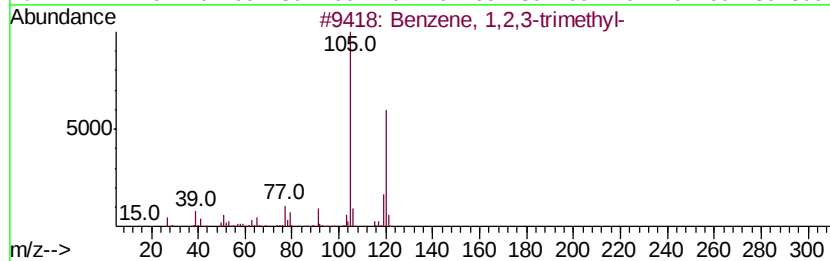
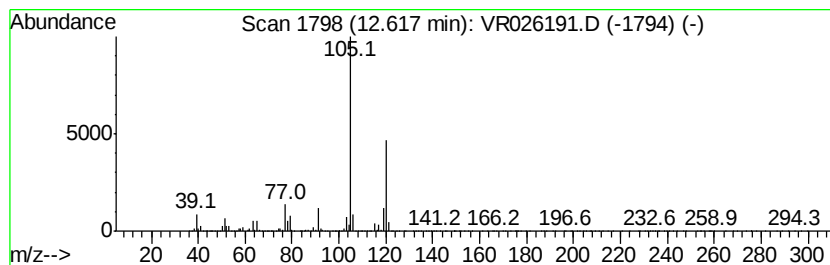
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.62	10.00 ug/L	3260110	1,4-Dichlorobenzene-d4	13.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	95
3		Mesitylene	120	C9H12	000108-67-8	94
4		Mesitylene	120	C9H12	000108-67-8	94
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

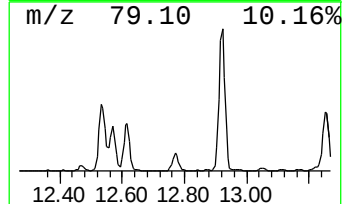
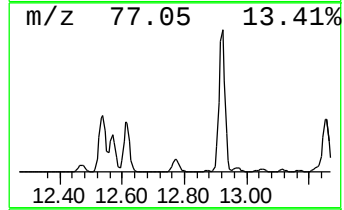
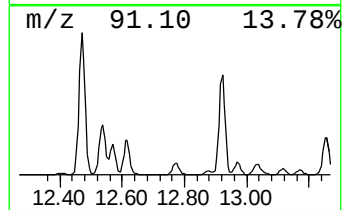
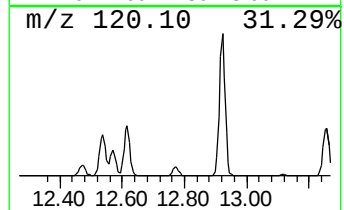
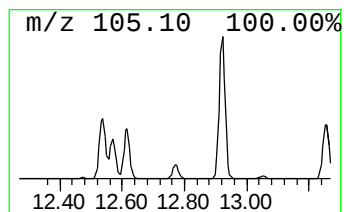
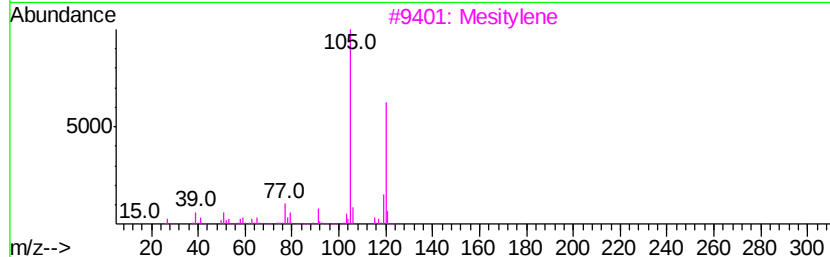
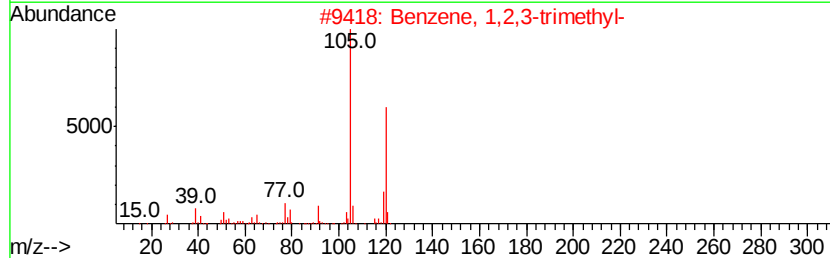
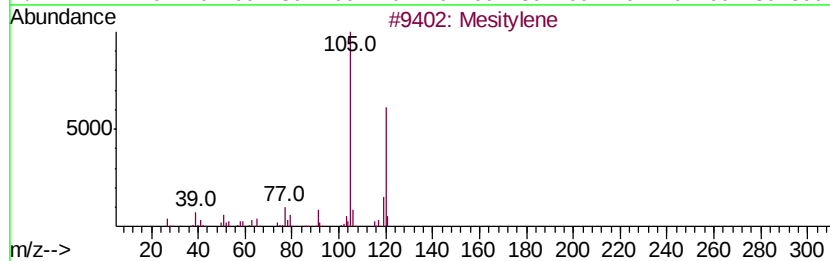
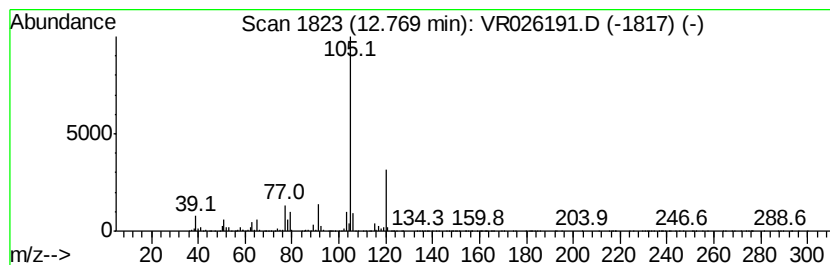
Instrument :
MSVOA_R
ClientSampleId :
F9D04

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 8 Mesitylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	2.94 ug/L	958647	1,4-Dichlorobenzene-d4	13.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Mesitylene	120 C9H12	000108-67-8	91
2	Benzene, 1,2,3-trimethyl-	120 C9H12	000526-73-8	91
3	Mesitylene	120 C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120 C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120 C9H12	000611-14-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D04

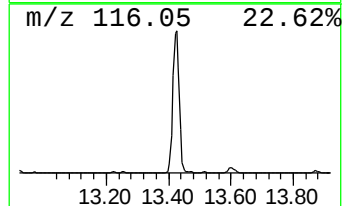
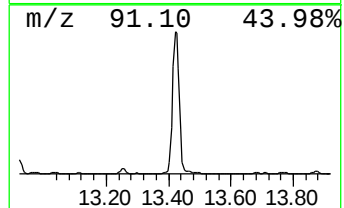
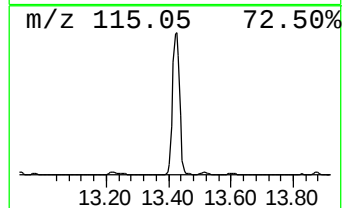
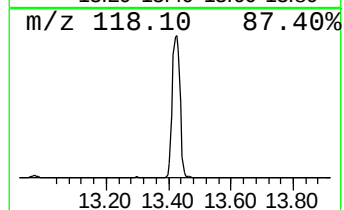
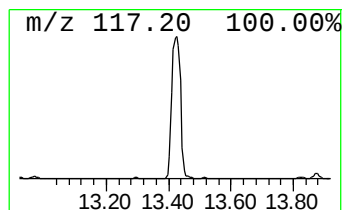
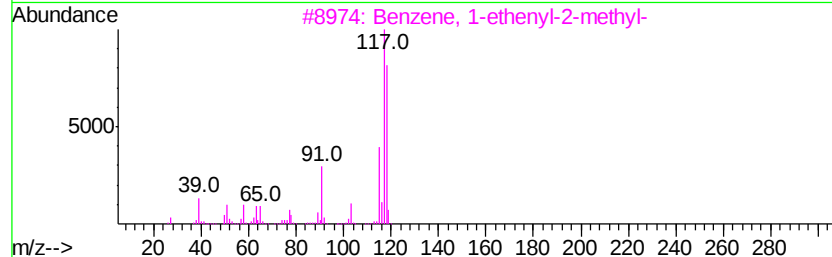
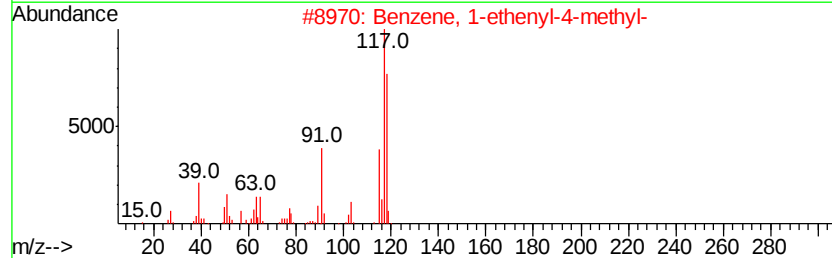
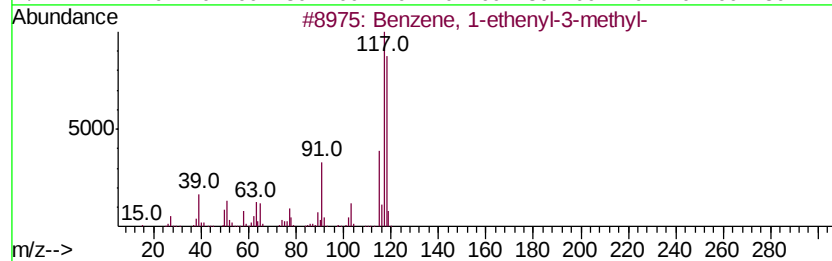
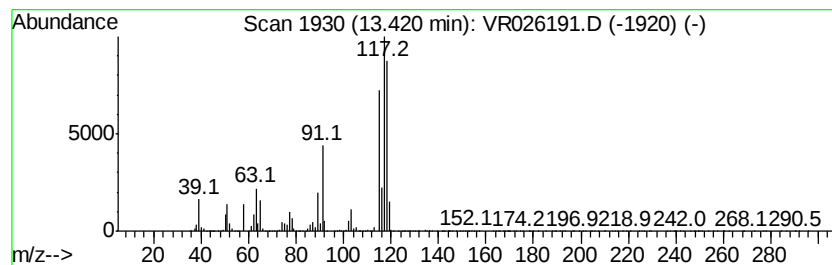
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 10 Benzene, 1-ethenyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	198.34 ug/L	64685400	1,4-Dichlorobenzene-d4	13.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	92
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
4		Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

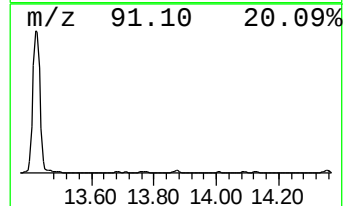
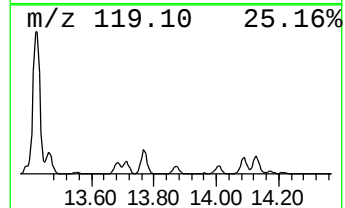
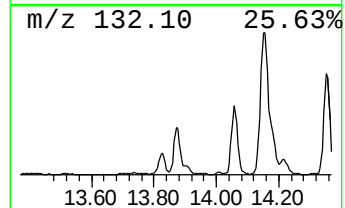
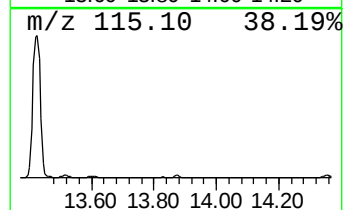
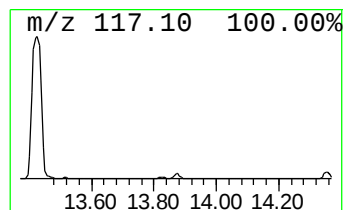
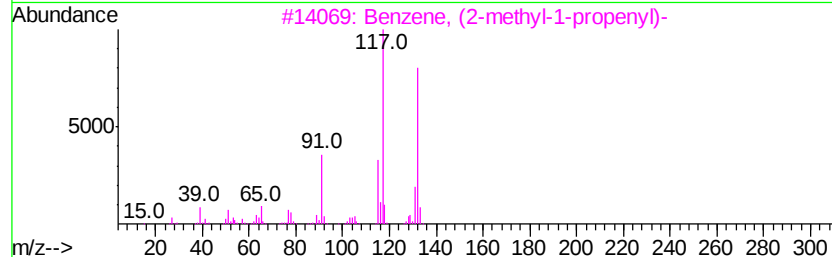
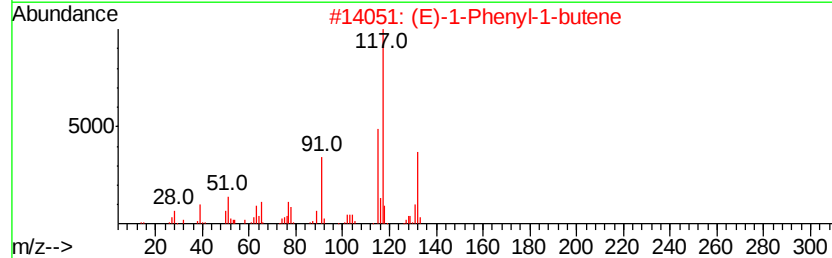
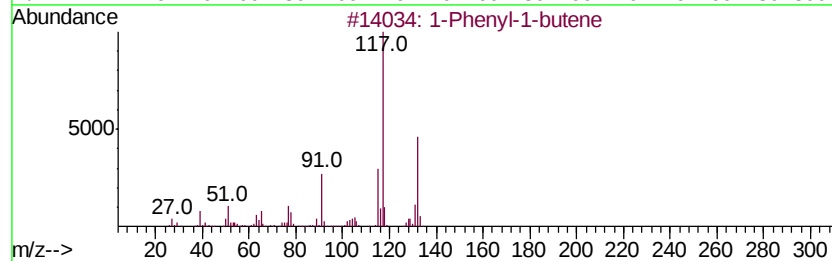
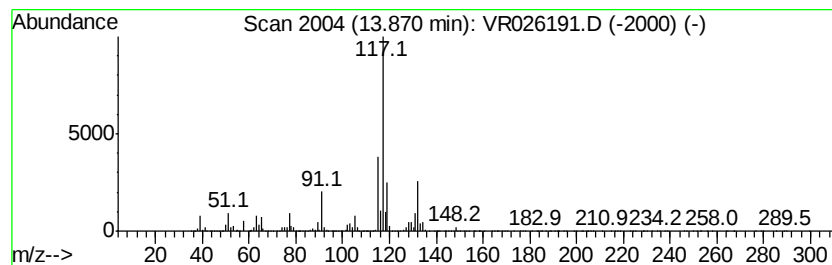
Instrument :
MSVOA_R
ClientSampleId :
F9D04

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 11 1-Phenyl-1-butene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.87	3.56 ug/L	1160060	1,4-Dichlorobenzene-d4	13.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D04

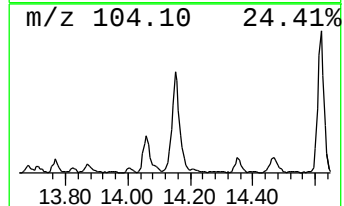
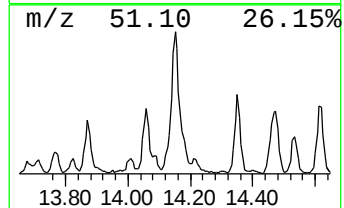
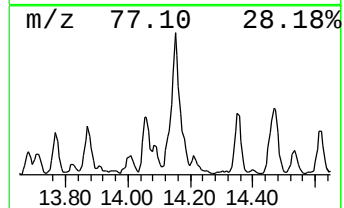
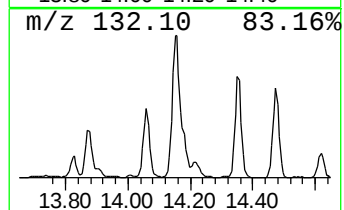
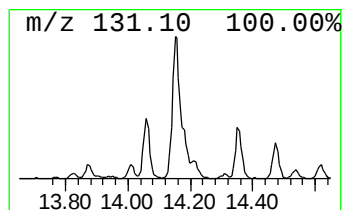
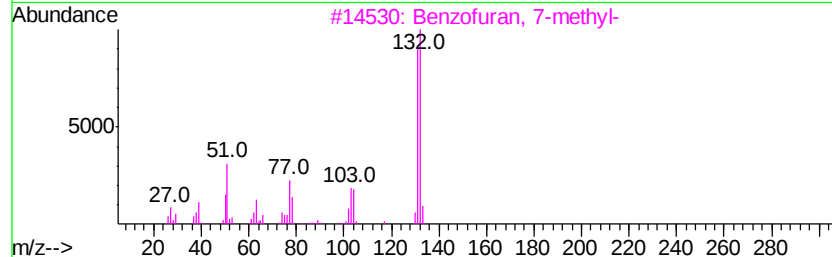
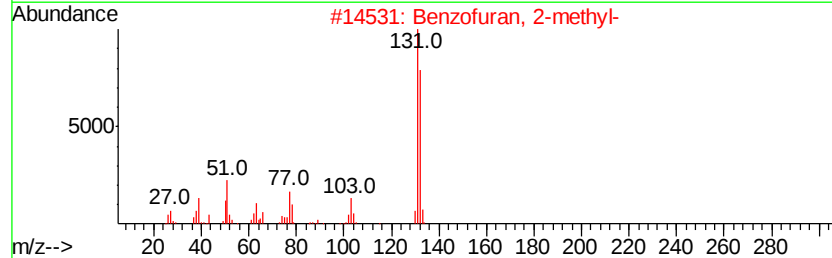
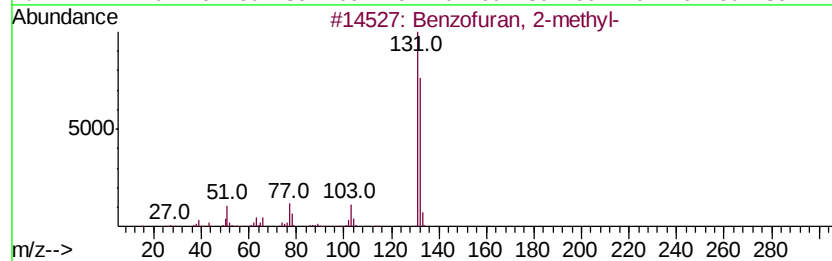
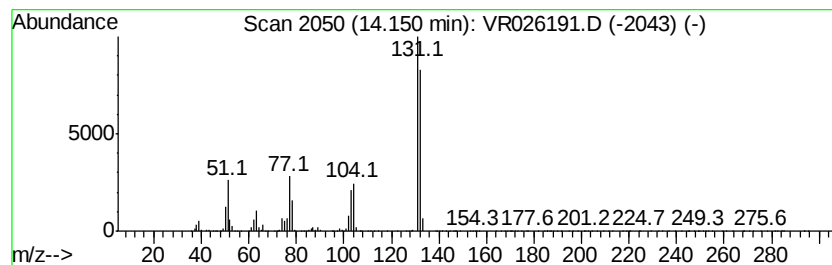
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	6.17 ug/L	2012240	1,4-Dichlorobenzene-d4	13.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
4		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D04

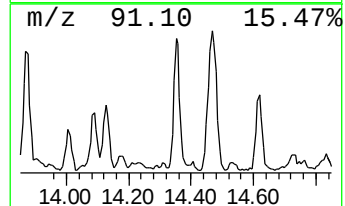
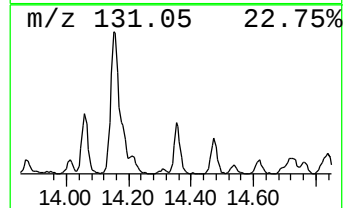
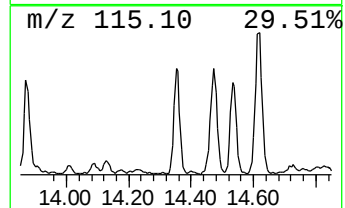
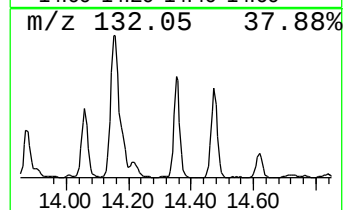
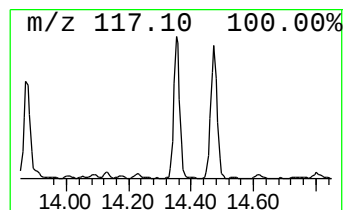
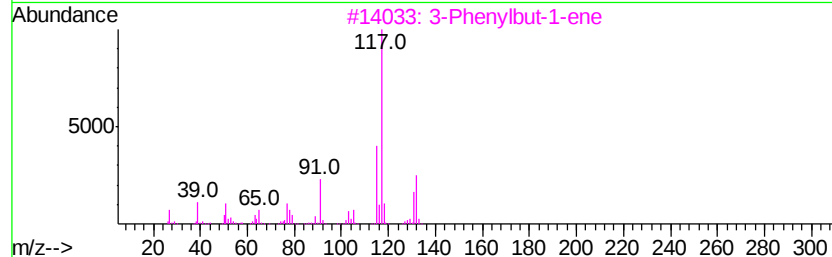
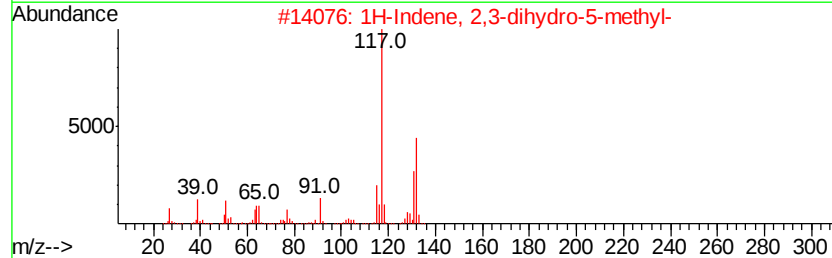
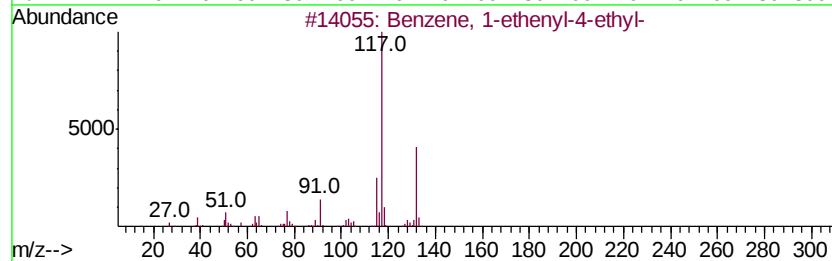
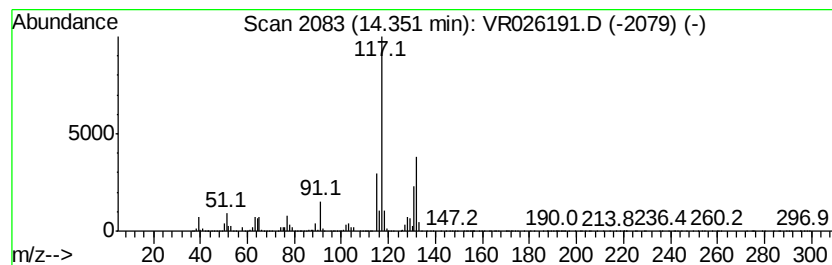
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	4.77 ug/L	1555080	1,4-Dichlorobenzene-d4	13.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	90
5		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D04

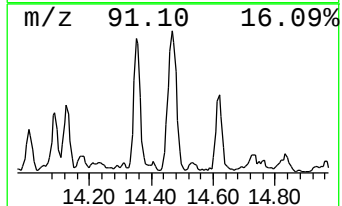
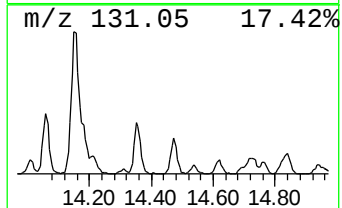
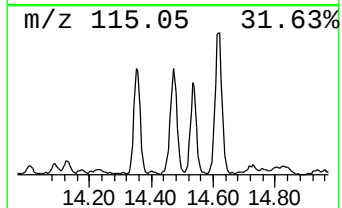
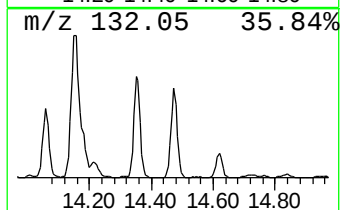
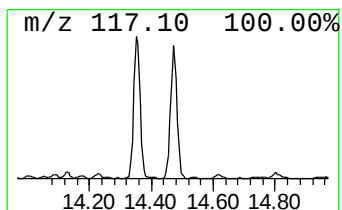
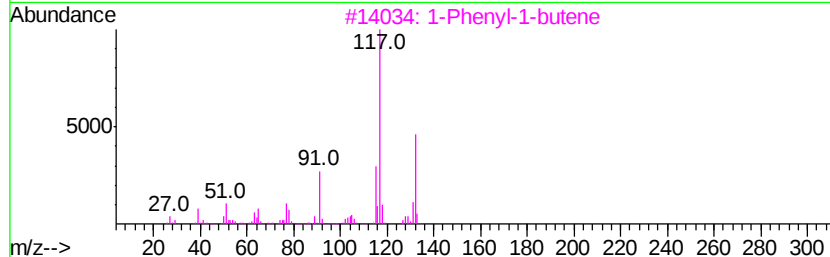
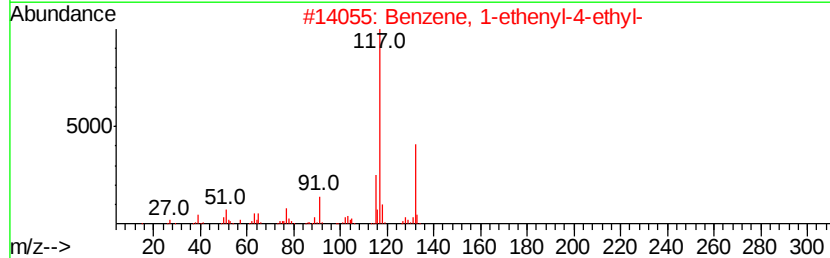
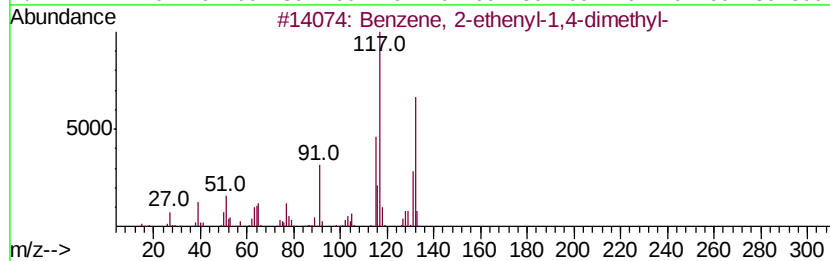
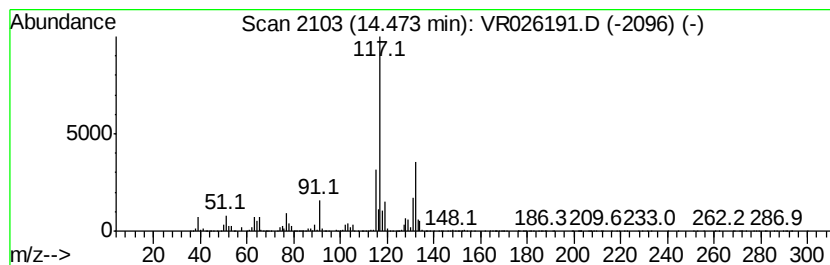
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 14 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	6.19 ug/L	2017920	1,4-Dichlorobenzene-d4	13.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	93
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

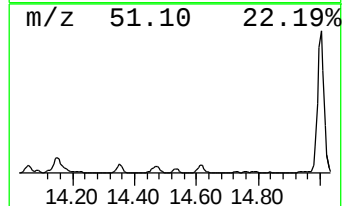
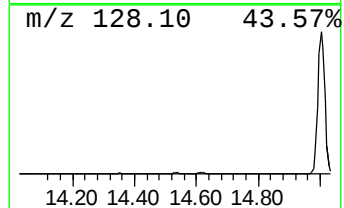
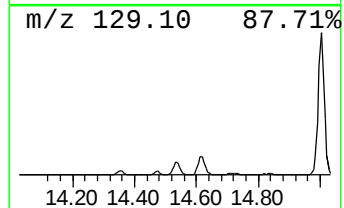
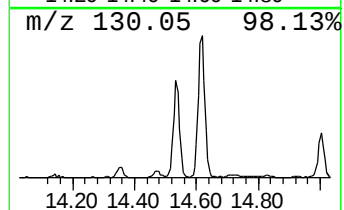
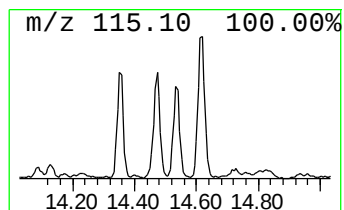
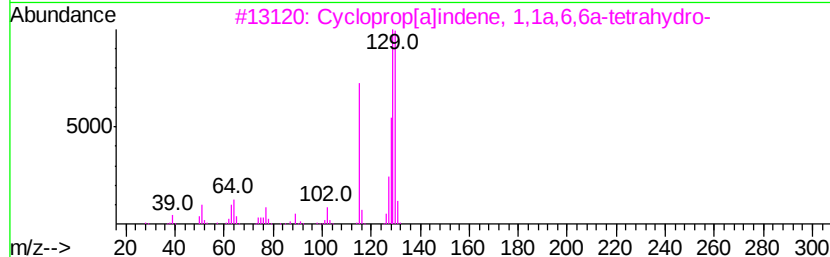
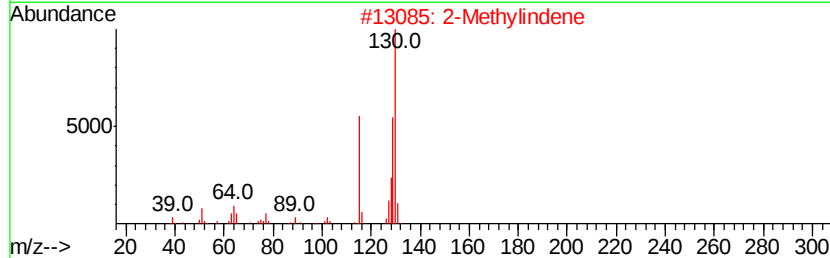
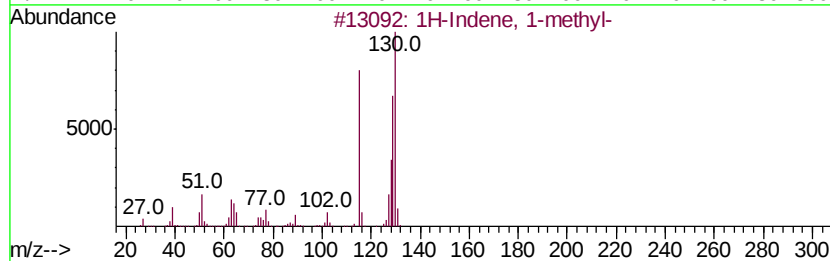
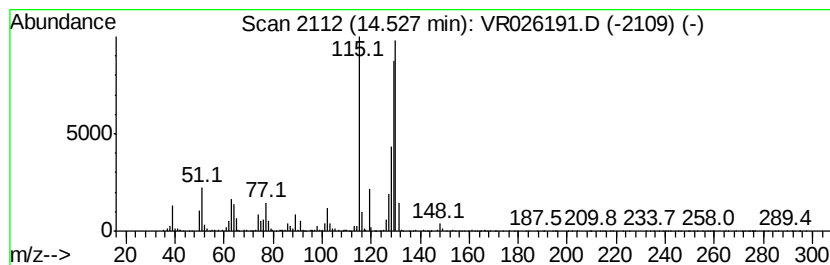
Instrument :
MSVOA_R
ClientSampleId :
F9D04

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 15 1H-Indene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.07 ug/L	674901	1,4-Dichlorobenzene-d4	13.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Indene, 1-methyl-	130 C10H10	000767-59-9 93
2		2-Methylindene	130 C10H10	002177-47-1 93
3		Cycloprop[alindene, 1,1a,6,6a-te...	130 C10H10	015677-15-3 92
4		Naphthalene, 1,2-dihydro-	130 C10H10	000447-53-0 91
5		Benzene, 1-butynyl-	130 C10H10	000622-76-4 91



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D04

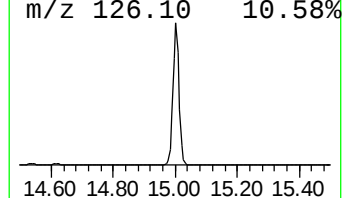
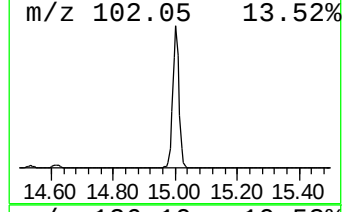
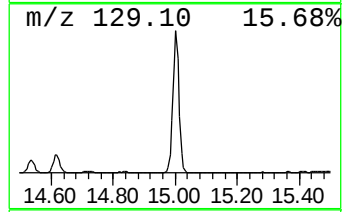
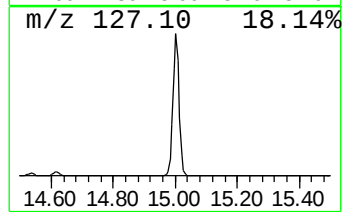
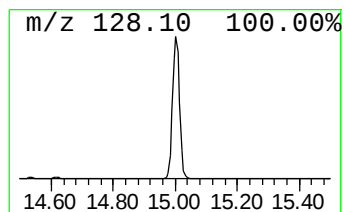
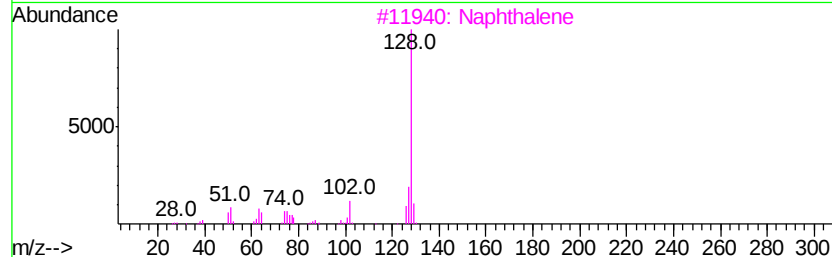
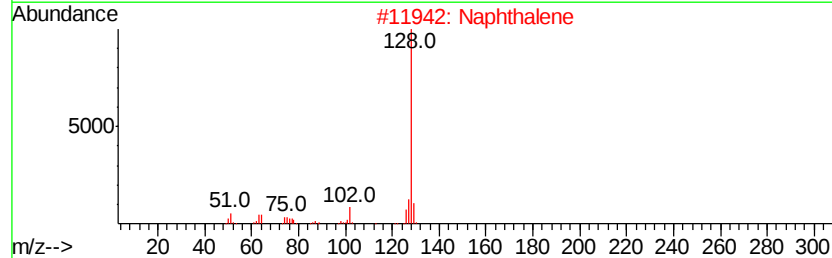
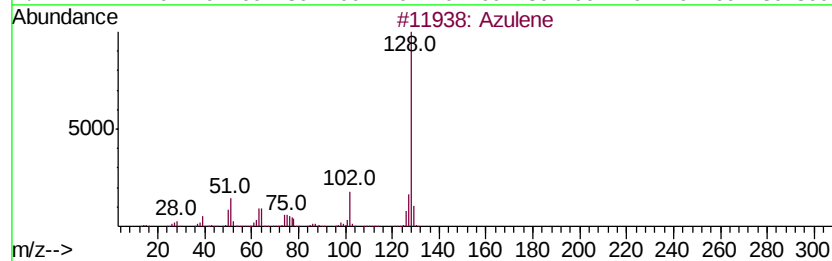
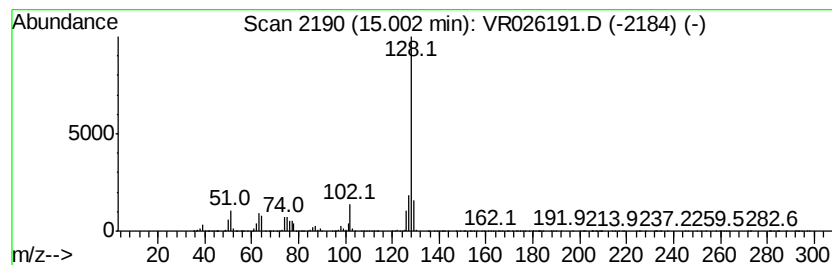
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 17 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	53.93 ug/L	17589000	1,4-Dichlorobenzene-d4	13.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Azulene	128	C10H8	000275-51-4	95
2		Naphthalene	128	C10H8	000091-20-3	94
3		Naphthalene	128	C10H8	000091-20-3	94
4		Azulene	128	C10H8	000275-51-4	91
5		Naphthalene	128	C10H8	000091-20-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampled :
F9D04

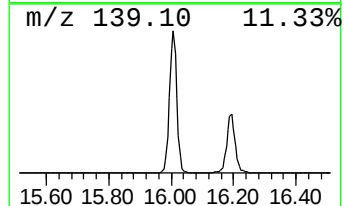
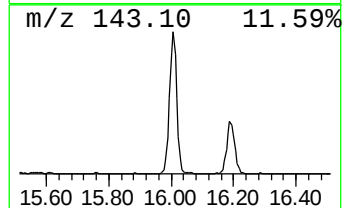
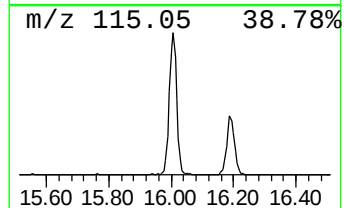
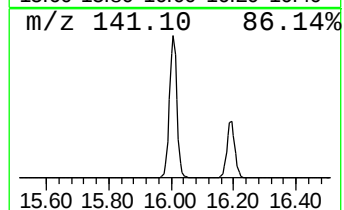
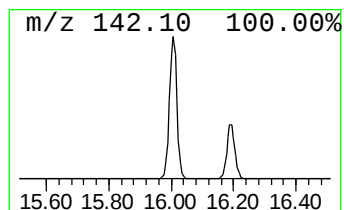
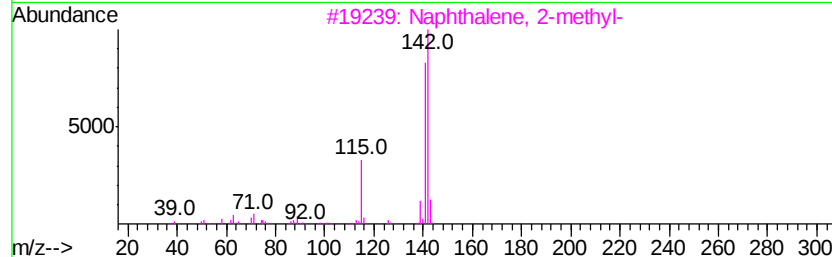
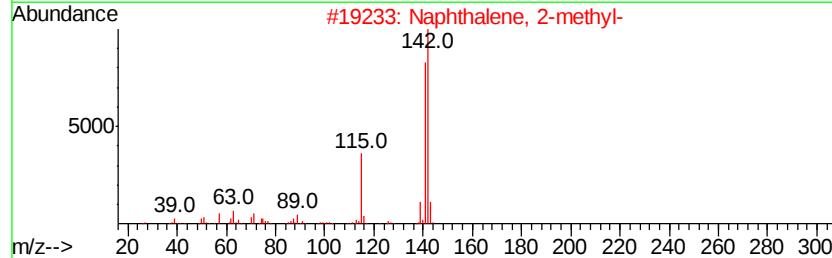
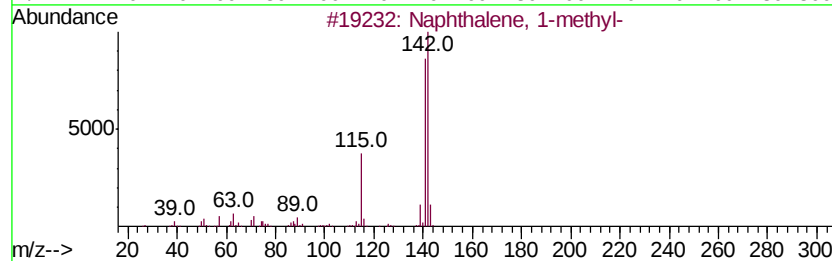
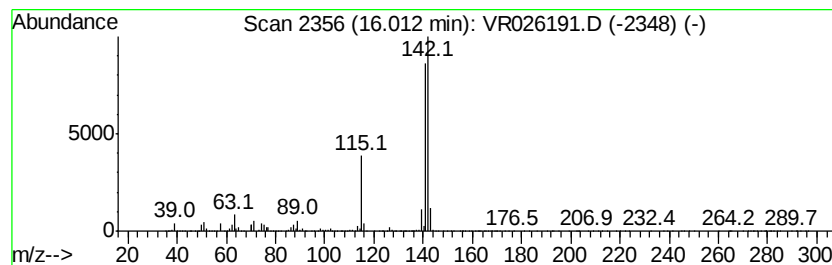
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	25.08 ug/L	8178400	1,4-Dichlorobenzene-d4	13.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA R\Data\VR110618\
Data File : VR026191.D
Acq On : 6 Nov 2018 15:01
Operator : SY/MD
Sample : J5801-05
Misc : 25mL/MSVOA R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D04

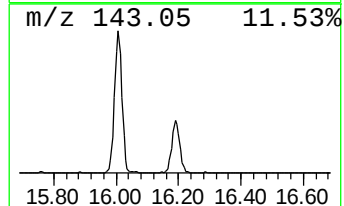
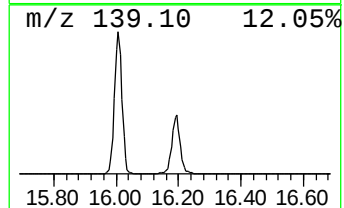
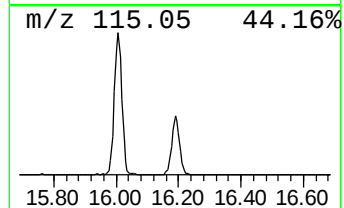
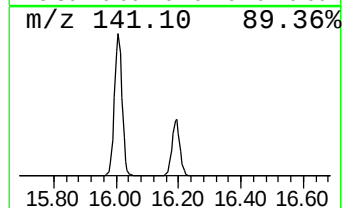
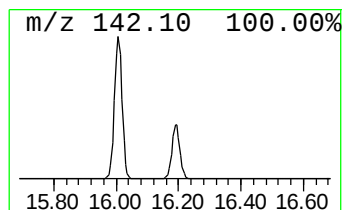
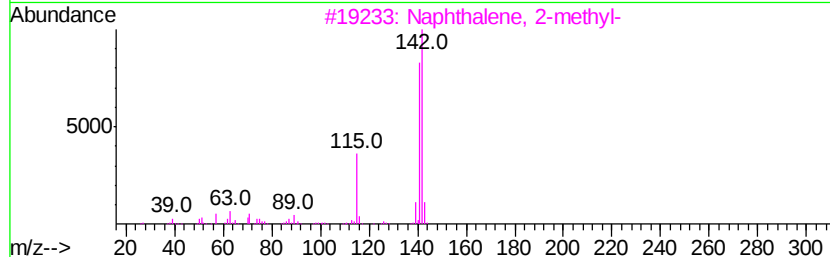
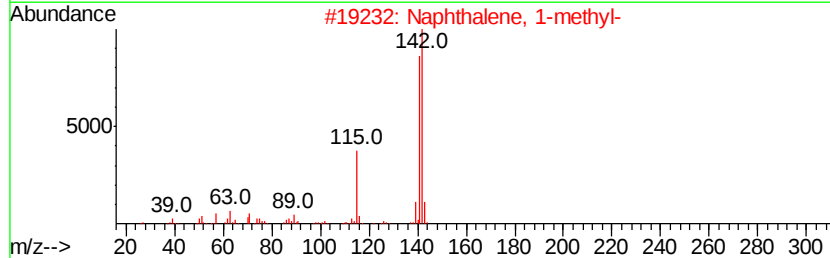
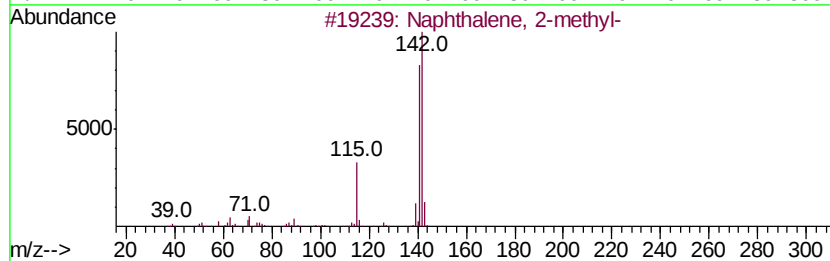
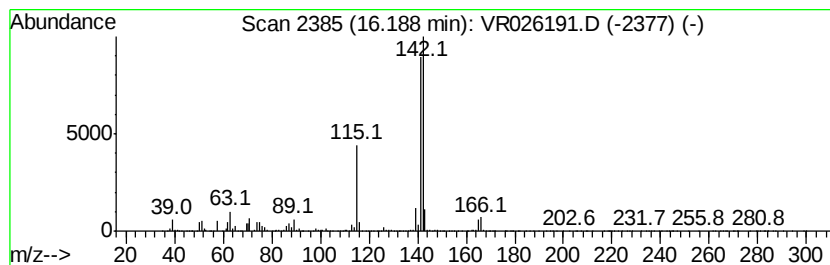
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 19 Naphthalene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	12.19 ug/L	3976160	1,4-Dichlorobenzene-d4	13.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR110618\
 Data File : VR026191.D
 Acq On : 6 Nov 2018 15:01
 Operator : SY/MD
 Sample : J5801-05
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 F9D04

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
(DEL) Alkane: Str...	3.05	3.4	ug/L	1146220	1	8.46	1687340	5.0
(DEL) Alkane: Str...	4.45	2.4	ug/L	823346	1	8.46	1687340	5.0
(DEL) Alkane: Cyc...	6.47	4.6	ug/L	1539730	1	8.46	1687340	5.0
Benzene, propyl-	12.47	3.3	ug/L	1067440	3	13.23	1630680	5.0
Benzene, 1-ethyl-...	12.54	11.9	ug/L	3886570	3	13.23	1630680	5.0
Benzene, 1,2,3-tr...	12.62	10.0	ug/L	3260110	3	13.23	1630680	5.0
Mesitylene	12.77	2.9	ug/L	958647	3	13.23	1630680	5.0
Benzene, 1-etheny...	13.42	198.3	ug/L	64685400	3	13.23	1630680	5.0
1-Phenyl-1-butene	13.87	3.6	ug/L	1160060	3	13.23	1630680	5.0
Benzofuran, 2-met...	14.15	6.2	ug/L	2012240	3	13.23	1630680	5.0
Benzene, 1-etheny...	14.35	4.8	ug/L	1555080	3	13.23	1630680	5.0
Benzene, 2-etheny...	14.47	6.2	ug/L	2017920	3	13.23	1630680	5.0
1H-Indene, 1-methyl-	14.53	2.1	ug/L	674901	3	13.23	1630680	5.0
Azulene	15.00	53.9	ug/L	17589000	3	13.23	1630680	5.0
Naphthalene, 1-me...	16.01	25.1	ug/L	8178400	3	13.23	1630680	5.0
Naphthalene, 2-me...	16.19	12.2	ug/L	3976160	3	13.23	1630680	5.0