LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

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_X\METHOD\82X061820W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.464	707	718	729	rBV	175881	505616	1.68%	0.461%
2	5.629	735	745	761	rVB	297188	842459	2.81%	0.769%
3	6.031	800	811	821	rBV2	187601	498354	1.66%	0.455%
4	6.830	930	942	967	rBV	517926	1265348	4.22%	1.154%
5	8.696	1242	1248	1264	rVB	1112142	1729795	5.76%	1.578%
6	10.098	1473	1478	1483	rBV	1135706	1443947	4.81%	1.317%
7	10.238	1494	1501	1507	rBV	1418306	1933196	6.44%	1.763%
8	10.342	1510	1518	1524	rBV2	372283	715803	2.39%	0.653%
9	10.628	1553	1565	1571	rBV4	179253	475220	1.58%	0.434%
10	10.683	1571	1574	1582	rVB	311167	466480	1.55%	0.426%
11	10.823	1593	1597	1601	rVB	277547	384045	1.28%	0.350%
12	10.896	1601	1609	1614	rBV3	278144	498222	1.66%	0.454%
13	11.000	1621	1626	1632	rBV	3351248	4421599	14.73%	4.033%
14	11.122	1641	1646	1650	rBV	1096143	1380468	4.60%	1.259%
15	11.262	1665	1669	1677	rVB2	289274	439105	1.46%	0.401%
16	11.341	1677	1682	1690	rVV	5094476	6391979	21.30%	5.831%
17	11.421	1690	1695	1700	rVV	2421540	3091300	10.30%	2.820%
18	11.488	1700	1706	1715	rVB	1316720	1907346	6.36%	1.740%
19	11.652	1728	1733	1742	rBV	1921013	2497909	8.32%	2.279%
20	11.756	1742	1750	1752	rBV	595109	821370	2.74%	0.749%
21	11.793	1752	1756	1761	rVB	22774425	30012308	100.00%	27.378%
22	11.902	1766	1774	1776	rBV	702915	1007707	3.36%	0.919%
23	11.933	1776	1779	1784	rVV	1528498	1838878	6.13%	1.677%
24	12.012	1784	1792	1795	rVV	696128	881847	2.94%	0.804%
25	12.061	1795	1800	1805	rVB2	1384142	1832406	6.11%	1.672%
26	12.128	1805	1811	1816	rBV	7810560	9162595	30.53%	8.358%
27	12.219	1821	1826	1831	rVB	673077	839084	2.80%	0.765%
28	12.286	1831	1837	1844	rBV	5413926	7320209	24.39%	6.678%
29	12.353	1844	1848	1856	rVB2	1195583	2339767	7.80%	2.134%
30	12.445	1859	1863	1868	rVB	658719	821899	2.74%	0.750%
31	12.500	1868	1872	1878	rVB	553776	709869	2.37%	0.648%
32	12.573	1878	1884	1886	rBV	1206768	1717105	5.72%	1.566%
33	12.597	1886	1888	1892	rVB	1168460	1104692	3.68%	1.008%
34	12.652	1892	1897	1900	rBV	2713270	3095743	10.31%	2.824%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

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_X\METHOD\82X061820W.M
Title : SW846 8260

35	12.689	1900	1903	1907	rVV	934303	1158652	3.86%	1.057%
36	12.744	1907	1912	1919	rVB2	2355984	3889083	12.96%	3.548%
37	12.884	1929	1935	1940	rVB2	811845	1241914	4.14%	1.133%
38	12.963	1940	1948	1951	rBV	1333670	1827673	6.09%	1.667%
39	13.000	1951	1954	1960	rVB	1431592	1767519	5.89%	1.612%
40	13.067	1960	1965	1970	rVB3	227186	350042	1.17%	0.319%
41	13.207	1985	1988	1998	rVB3	376029	697296	2.32%	0.636%
42	13.329	2004	2008	2014	rVB2	1822786	2524440	8.41%	2.303%
43	13.463	2025	2030	2035	rVB	495042	609415	2.03%	0.556%
44	13.701	2067	2069	2077	rVB4	226684	399987	1.33%	0.365%
45	13.817	2081	2088	2096	rVB	533694	763251	2.54%	0.696%

Sum of corrected areas: 109622942

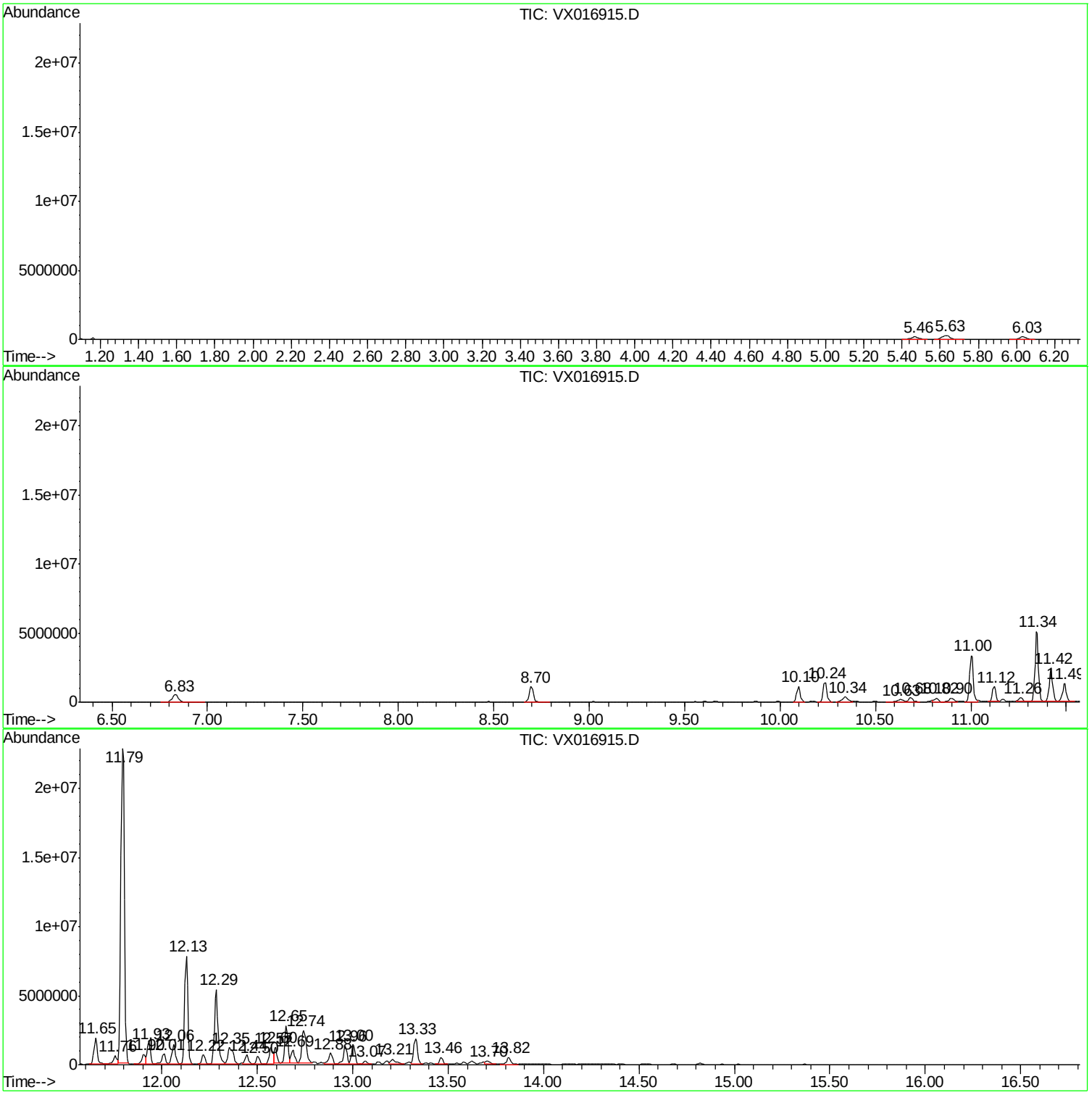
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

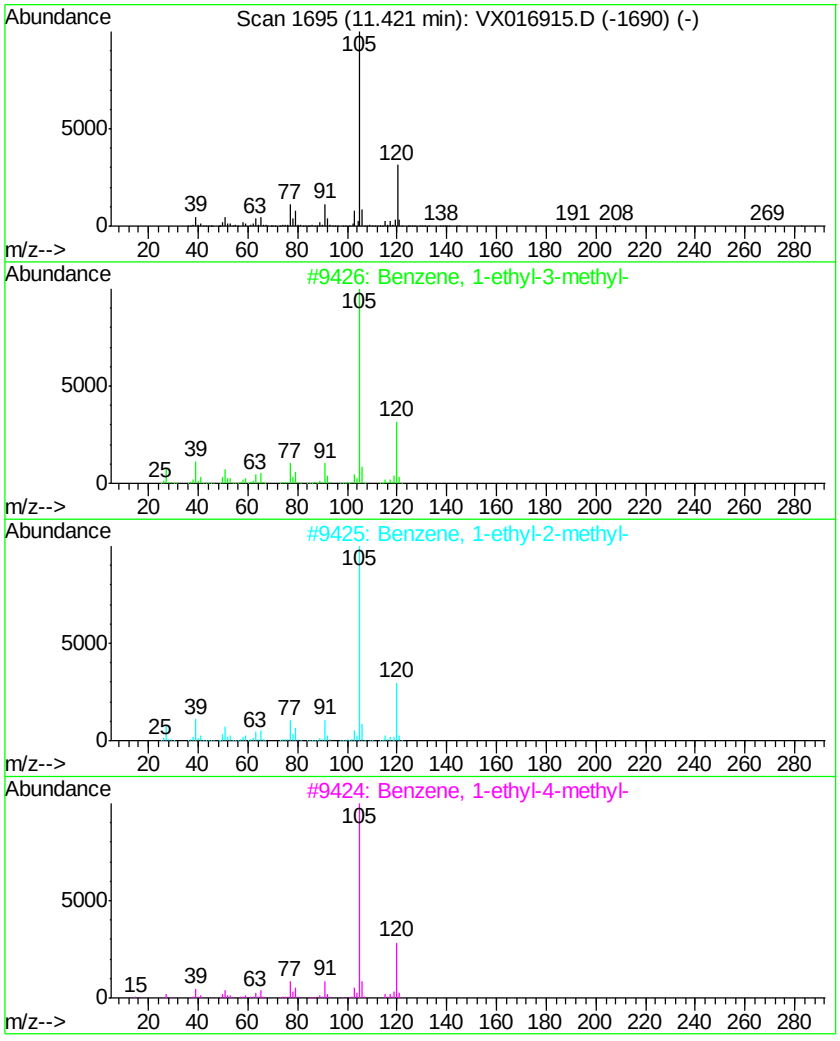
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

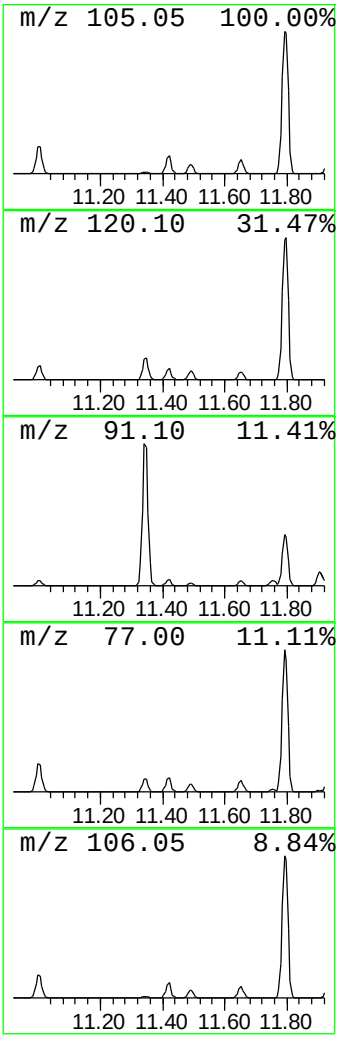
****

Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	84.35 ug/l	3091300	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

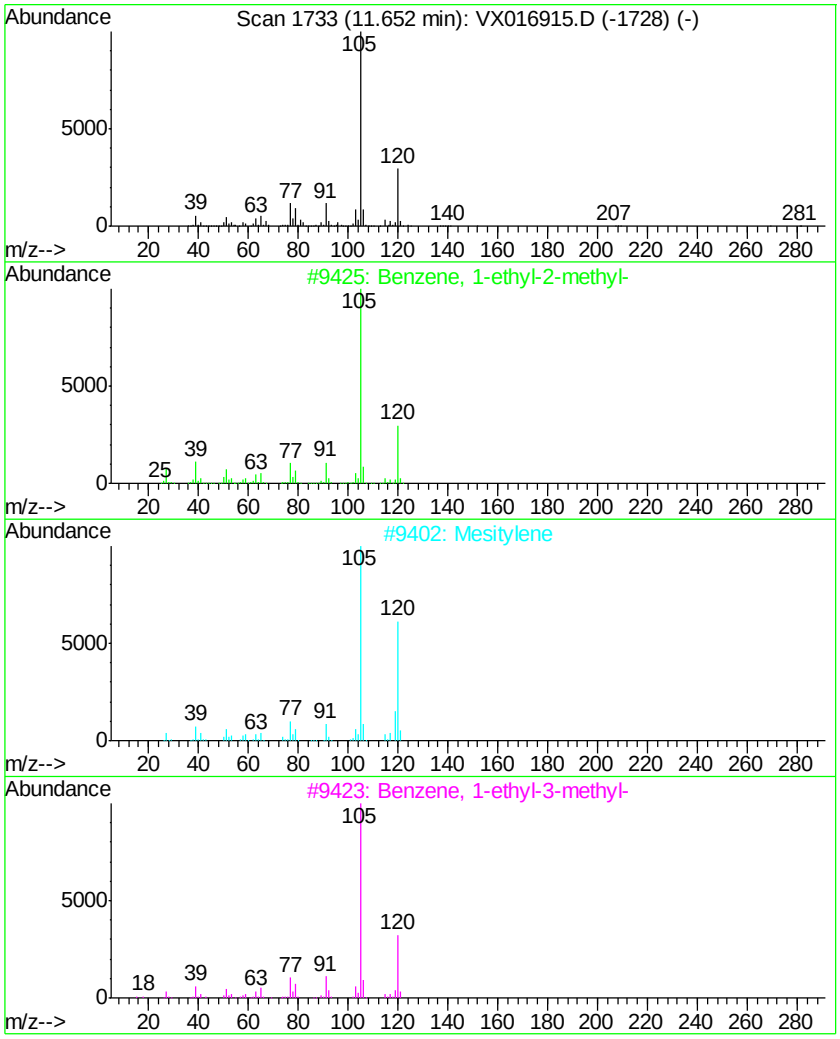
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

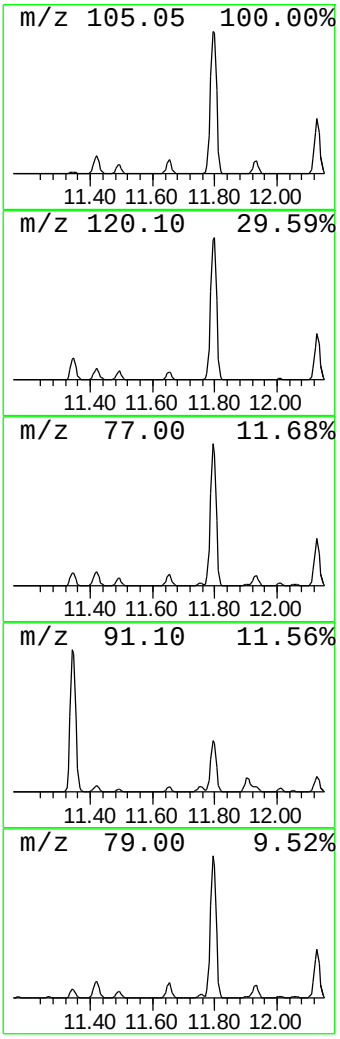
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	68.16 ug/l	2497910	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

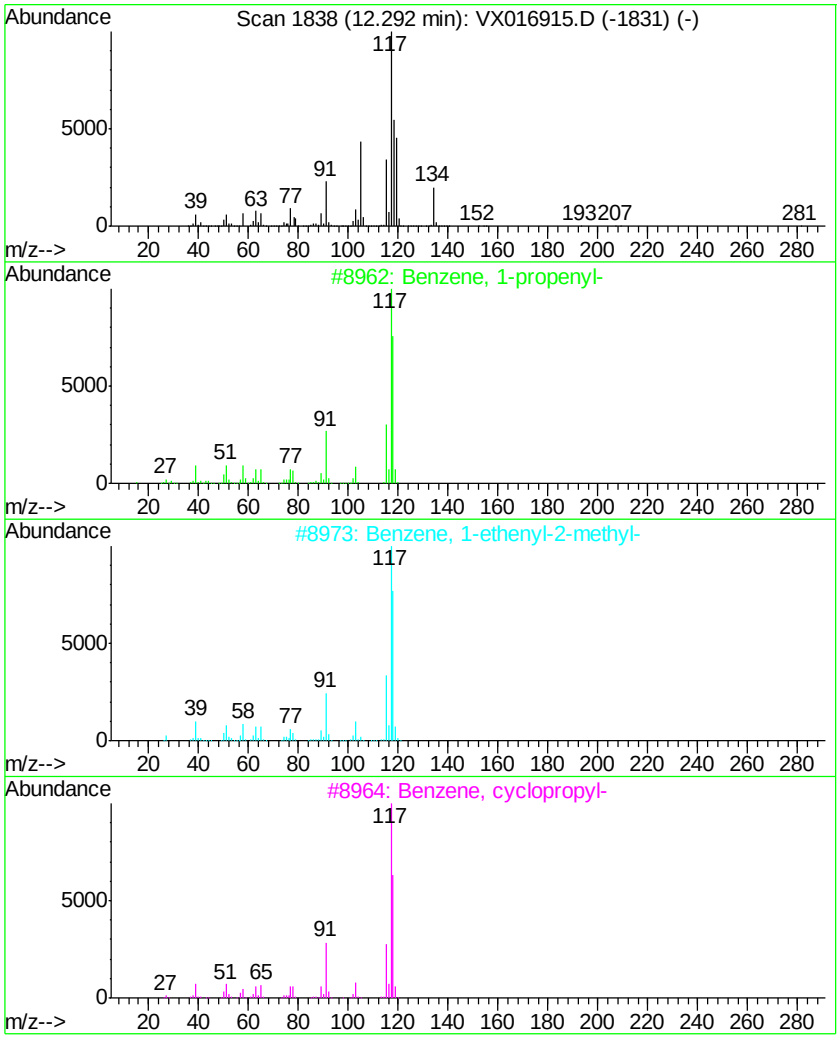
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

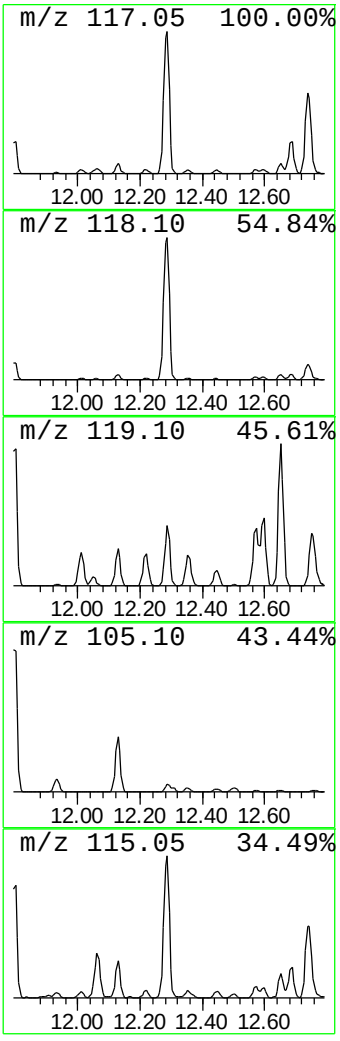
****

Peak Number 3 Benzene, 1-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	199.74 ug/l	7320210	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	92
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
5	Indane	118	C9H10	000496-11-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

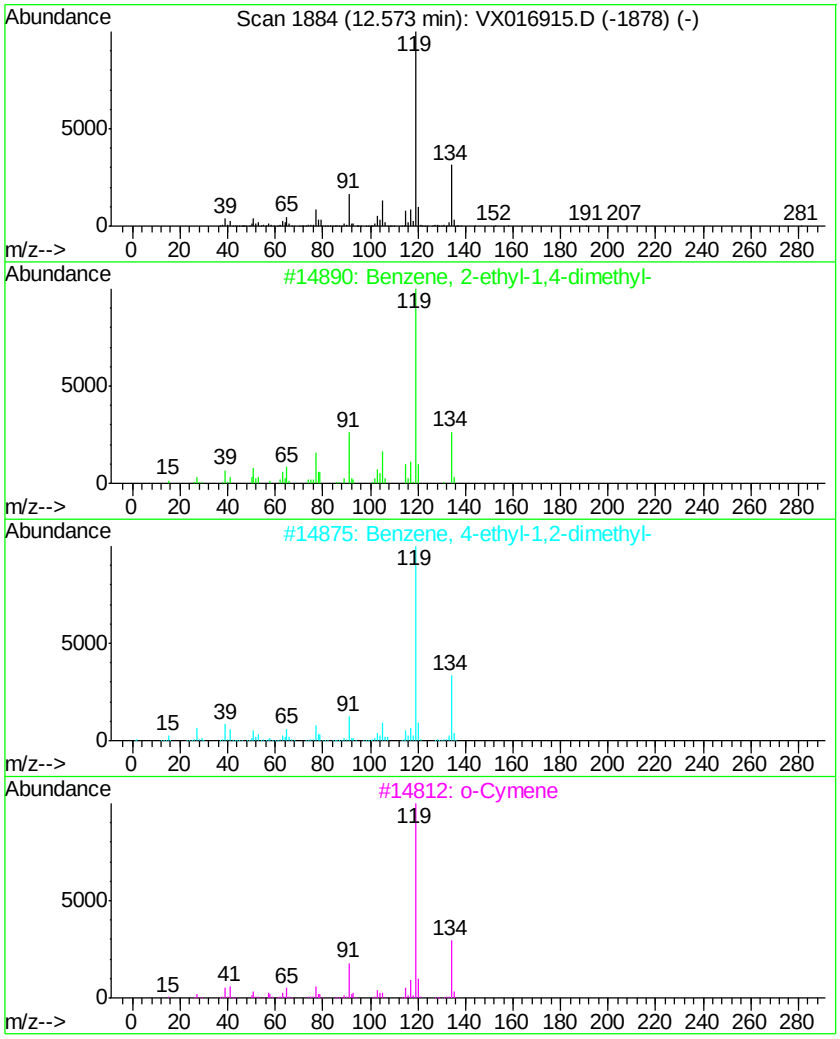
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

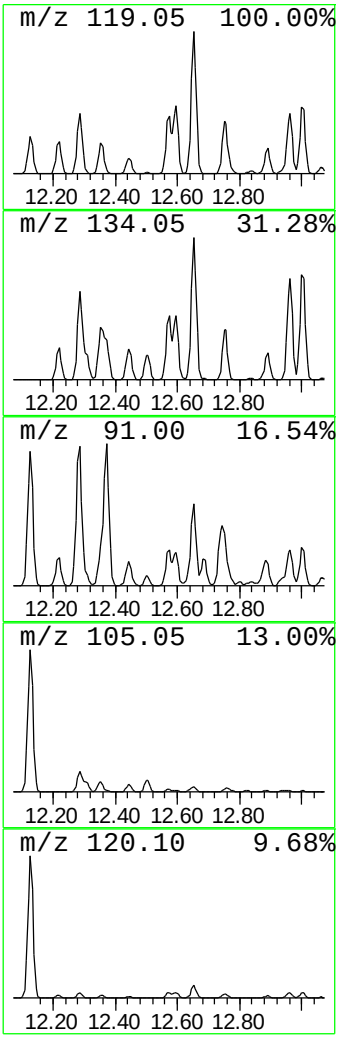
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	46.85 ug/l	1717110	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

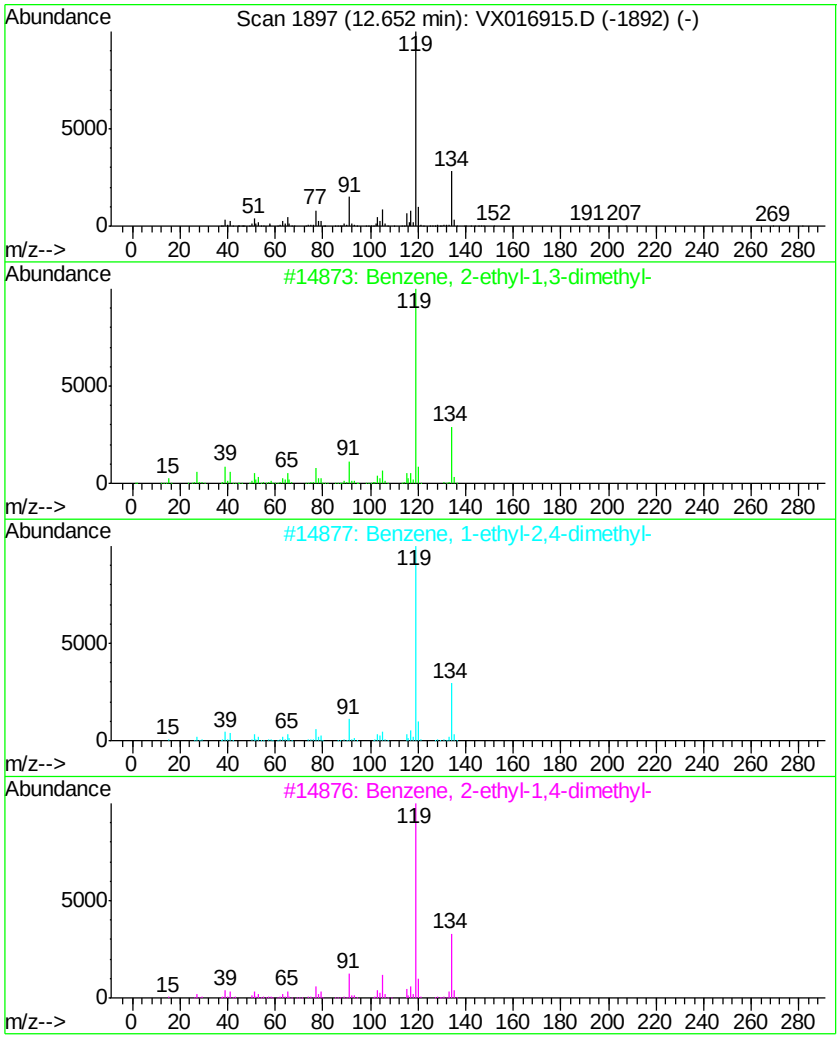
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

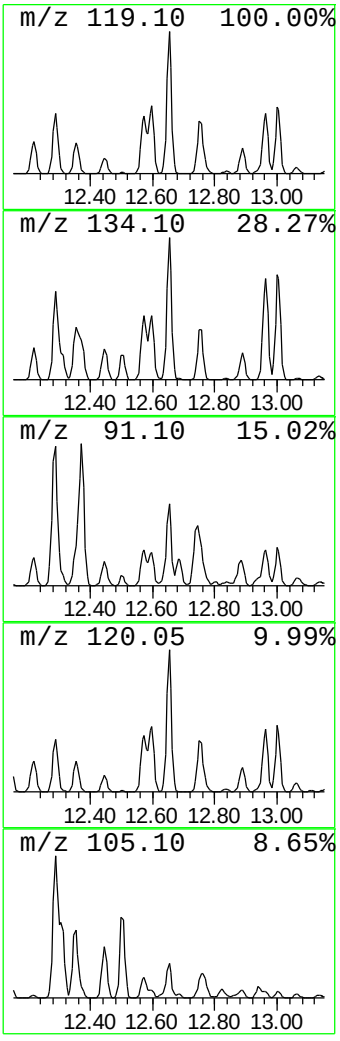
****

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	84.47 ug/l	3095740	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

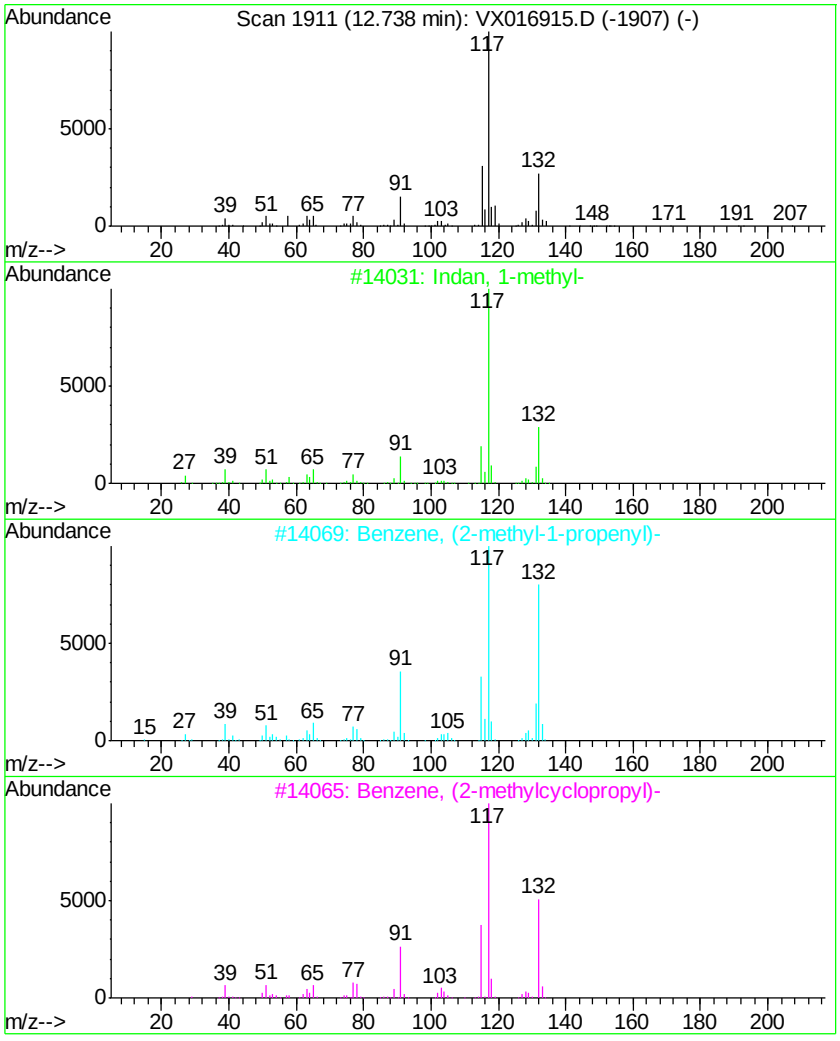
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

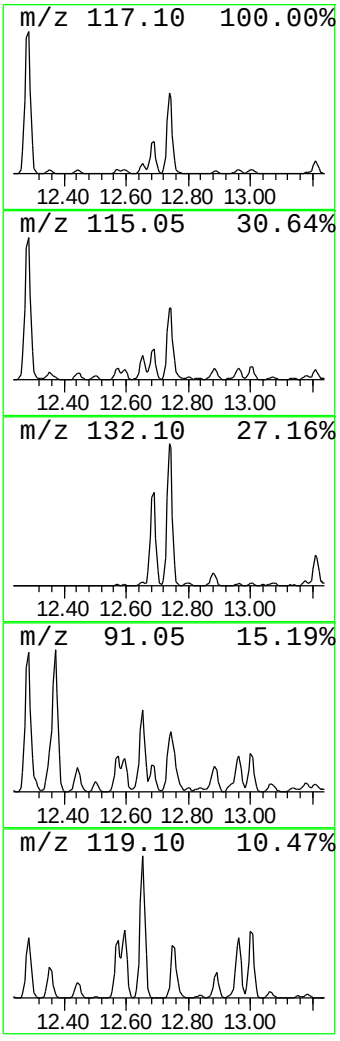
****

Peak Number 6 Indan, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	106.12 ug/l	3889080	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	81
3	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	76
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
5	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

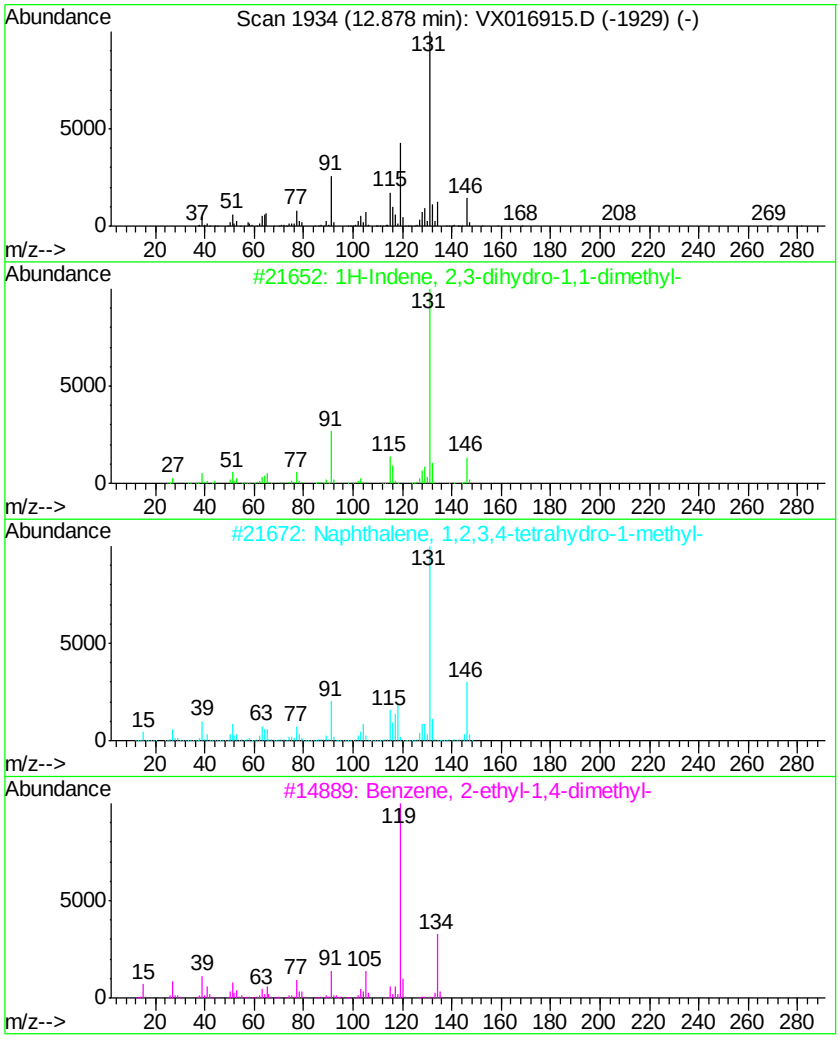
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

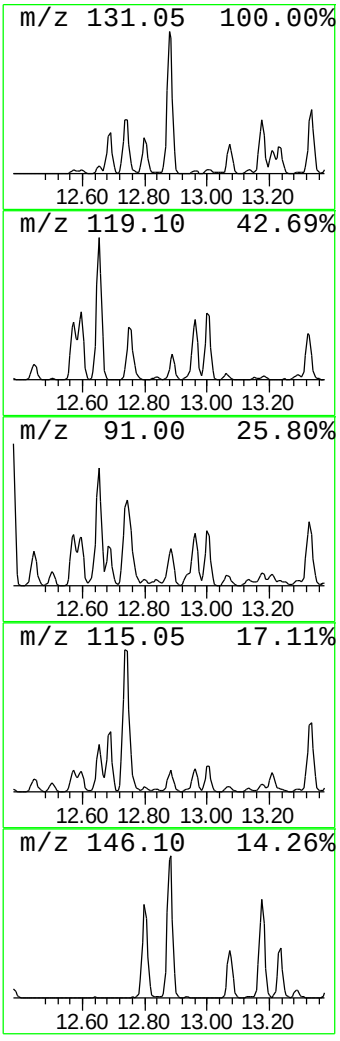
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	33.89 ug/l	1241910	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

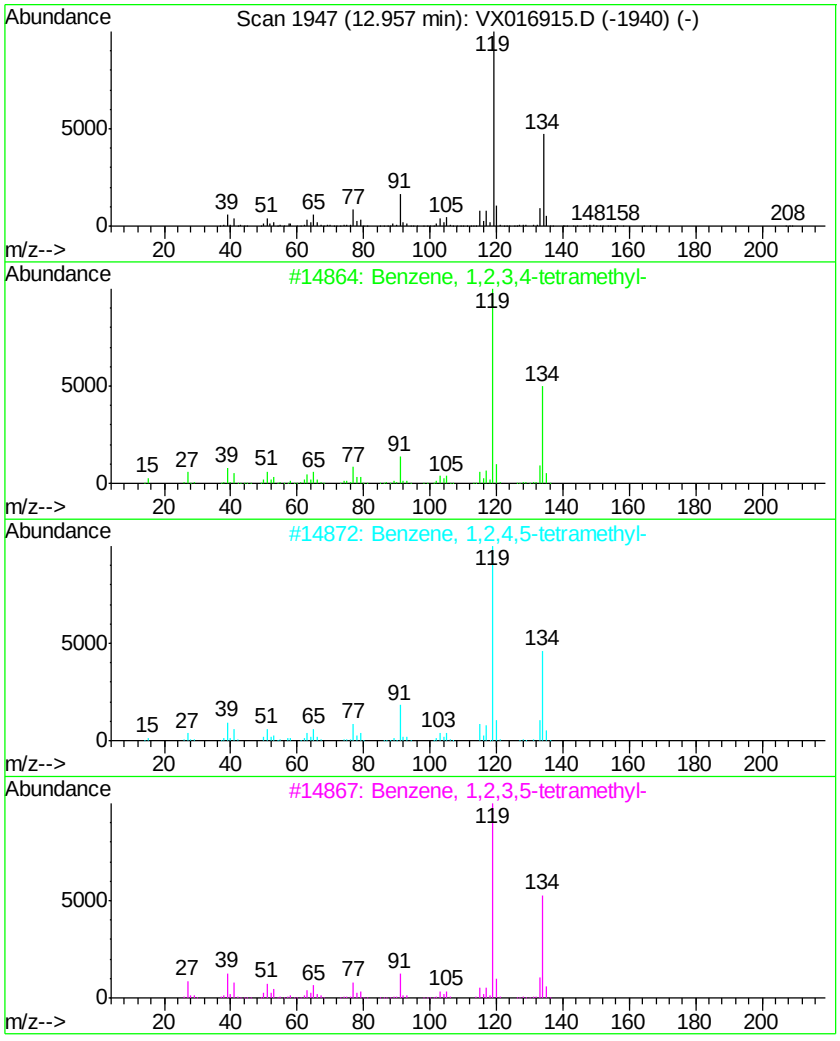
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

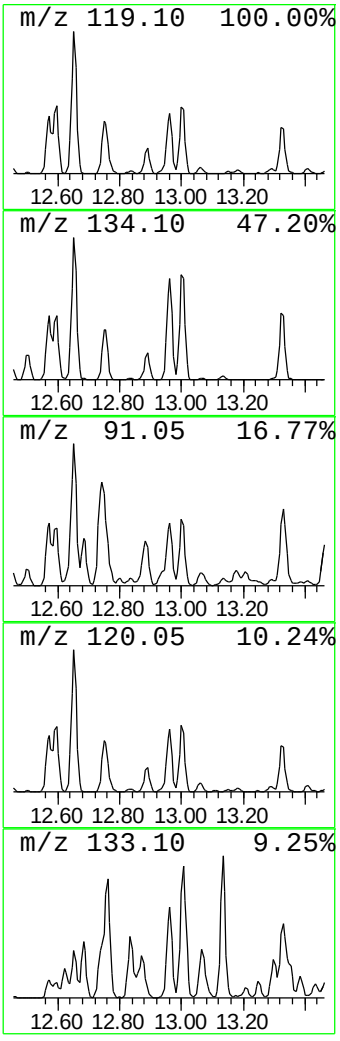
****

Peak Number 8 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	49.87 ug/l	1827670	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

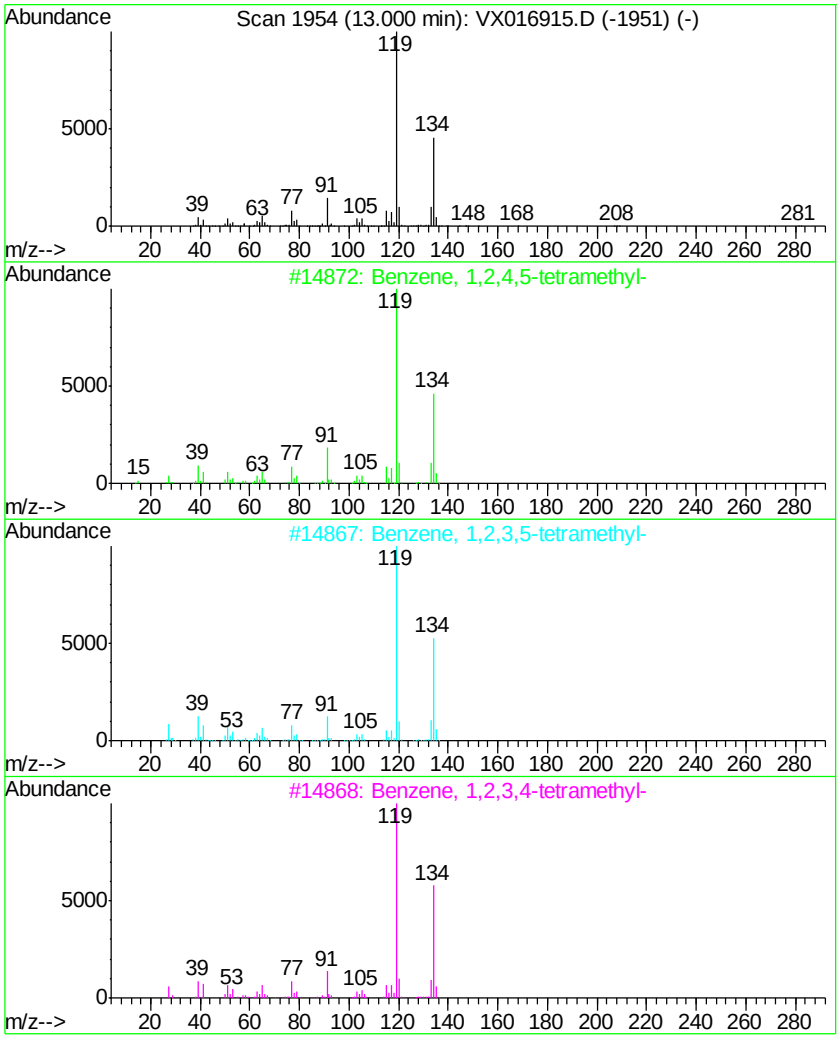
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

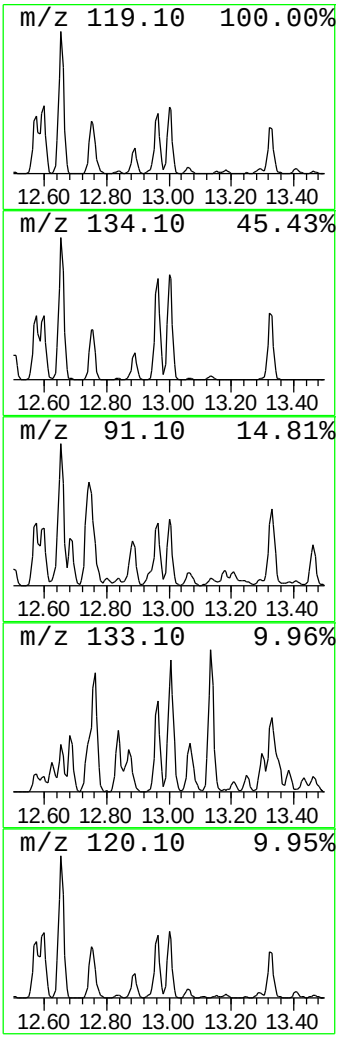
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	48.23 ug/l	1767520	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

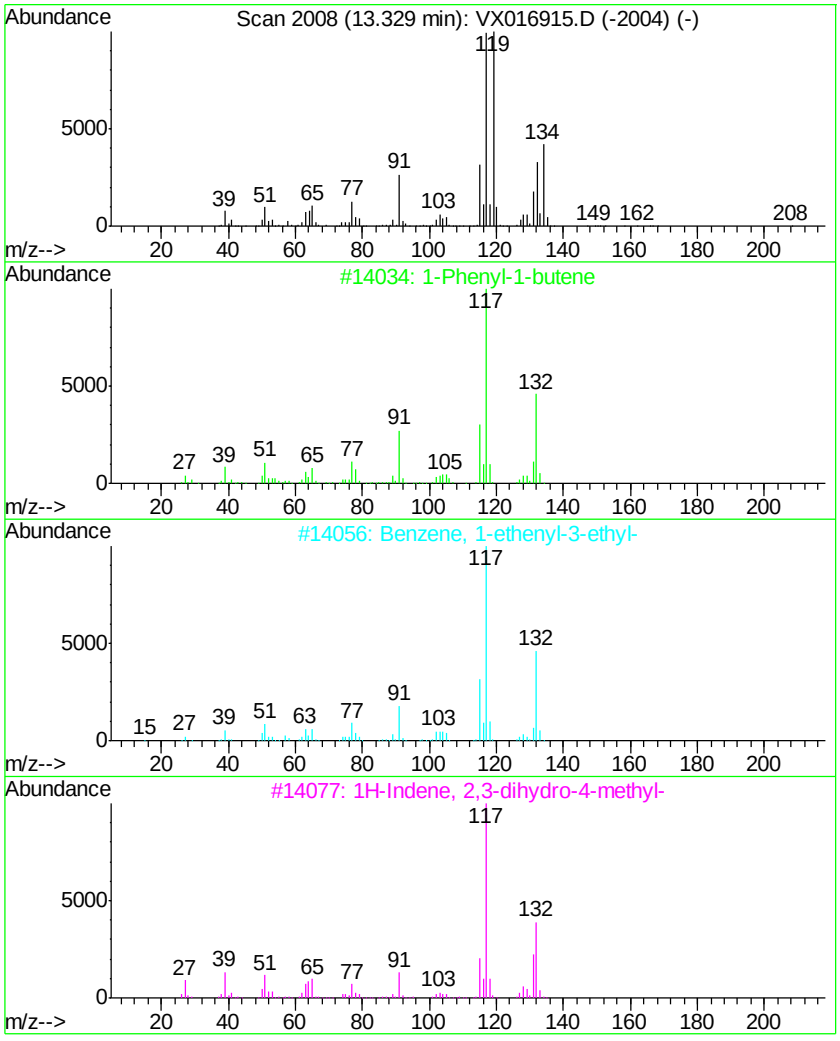
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

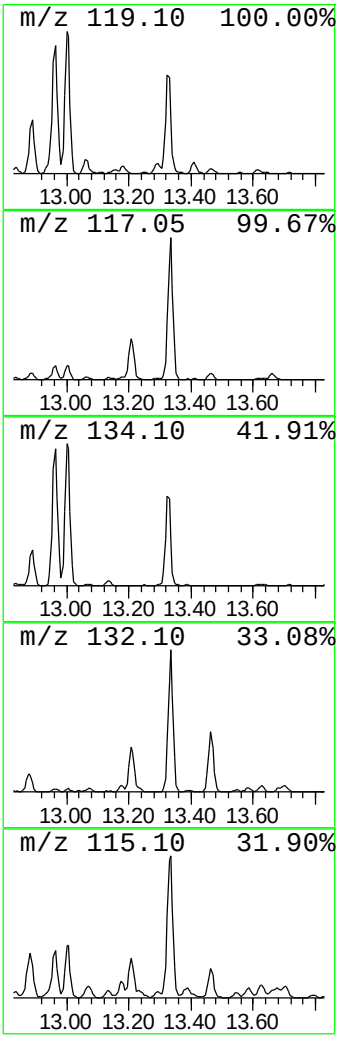
****

Peak Number 10 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	68.88 ug/l	2524440	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	86
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	86
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	70
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016915.D
Acq On : 20 Jun 2020 07:47
Operator : JC/SP
Sample : L3066-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	11.42	84.3	ug/l	3091300	4	12.06	1832410	50.0
Benzene, 1-ethyl-...	11.65	68.2	ug/l	2497910	4	12.06	1832410	50.0
Benzene, 1-propenyl-	12.29	199.7	ug/l	7320210	4	12.06	1832410	50.0
Benzene, 2-ethyl-...	12.57	46.9	ug/l	1717110	4	12.06	1832410	50.0
Benzene, 2-ethyl-...	12.65	84.5	ug/l	3095740	4	12.06	1832410	50.0
Indan, 1-methyl-	12.74	106.1	ug/l	3889080	4	12.06	1832410	50.0
1H-Indene, 2,3-di...	12.88	33.9	ug/l	1241910	4	12.06	1832410	50.0
Benzene, 1,2,3,4-...	12.96	49.9	ug/l	1827670	4	12.06	1832410	50.0
Benzene, 1,2,4,5-...	13.00	48.2	ug/l	1767520	4	12.06	1832410	50.0
1-Phenyl-1-butene	13.33	68.9	ug/l	2524440	4	12.06	1832410	50.0