LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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	5.465	705	718	729	rBV	199881	576040	1.39%	0.351%
2	5.629	735	745	759	rVB	343889	946621	2.28%	0.576%
3	6.032	800	811	821	rBV	217941	579673	1.40%	0.353%
4	6.830	932	942	962	rBV	538351	1314089	3.16%	0.800%
5	8.696	1242	1248	1258	rVB	976976	1530376	3.69%	0.932%
6	10.098	1473	1478	1484	rBV	1062098	1423900	3.43%	0.867%
7	10.238	1494	1501	1506	rBV	1553312	2149100	5.18%	1.309%
8	10.342	1509	1518	1524	rBV	2016986	3033026	7.30%	1.847%
9	10.628	1557	1565	1572	rBV2	254939	647372	1.56%	0.394%
10	10.817	1583	1596	1601	rBV2	412865	764246	1.84%	0.465%
11	10.897	1601	1609	1614	rBV3	390611	640658	1.54%	0.390%
12	11.000	1621	1626	1640	rBV	5099370	6798091	16.37%	4.140%
13	11.122	1640	1646	1650	rBV	968770	1222943	2.95%	0.745%
14	11.262	1665	1669	1677	rVB3	333844	495668	1.19%	0.302%
15	11.348	1677	1683	1690	rVV	8346089	11050821	26.61%	6.729%
16	11.439	1690	1698	1702	rVV	3852614	7755942	18.68%	4.723%
17	11.494	1702	1707	1715	rVB	4229889	5649069	13.60%	3.440%
18	11.659	1729	1734	1738	rBV3	358955	624408	1.50%	0.380%
19	11.756	1742	1750	1752	rVV2	793476	1198700	2.89%	0.730%
20	11.799	1752	1757	1762	rVV	30746705	41523911	100.00%	25.285%
21	11.902	1766	1774	1776	rBV	1300270	1771451	4.27%	1.079%
22	11.933	1776	1779	1784	rVV	2350662	2929981	7.06%	1.784%
23	12.012	1788	1792	1795	rVV	838893	1065740	2.57%	0.649%
24	12.055	1795	1799	1805	rVB3	1775672	3020427	7.27%	1.839%
25	12.128	1805	1811	1816	rBV	11450313	13615202	32.79%	8.291%
26	12.219	1820	1826	1831	rVB	1154548	1442175	3.47%	0.878%
27	12.287	1831	1837	1844	rBV	8455986	11217795	27.02%	6.831%
28	12.354	1844	1848	1858	rVB2	2615326	4647449	11.19%	2.830%
29	12.445	1858	1863	1868	rBV	1186969	1460123	3.52%	0.889%
30	12.500	1868	1872	1878	rVB	386249	493271	1.19%	0.300%
31	12.573	1878	1884	1886	rBV	1778938	2525184	6.08%	1.538%
32	12.591	1886	1887	1892	rVV	1748582	1698909	4.09%	1.035%
33	12.652	1892	1897	1900	rVV	4946853	5709562	13.75%	3.477%
34	12.683	1900	1902	1907	rVB	1375960	1623273	3.91%	0.988%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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	12.744	1907	1912	1919	rBV2	3615022	5790229	13.94%	3.526%
36	12.884	1930	1935	1940	rVB2	1292069	1782966	4.29%	1.086%
37	12.963	1940	1948	1951	rBV	2065089	2781573	6.70%	1.694%
38	13.000	1951	1954	1960	rVB	2732041	3292030	7.93%	2.005%
39	13.067	1960	1965	1970	rBV3	306451	456461	1.10%	0.278%
40	13.207	1985	1988	1991	rVB	418207	450848	1.09%	0.275%
41	13.329	2003	2008	2014	rVB2	2673283	3799595	9.15%	2.314%
42	13.463	2025	2030	2036	rVB	689633	872684	2.10%	0.531%
43	13.817	2080	2088	2097	rBV	1455708	1848911	4.45%	1.126%

Sum of corrected areas: 164220493

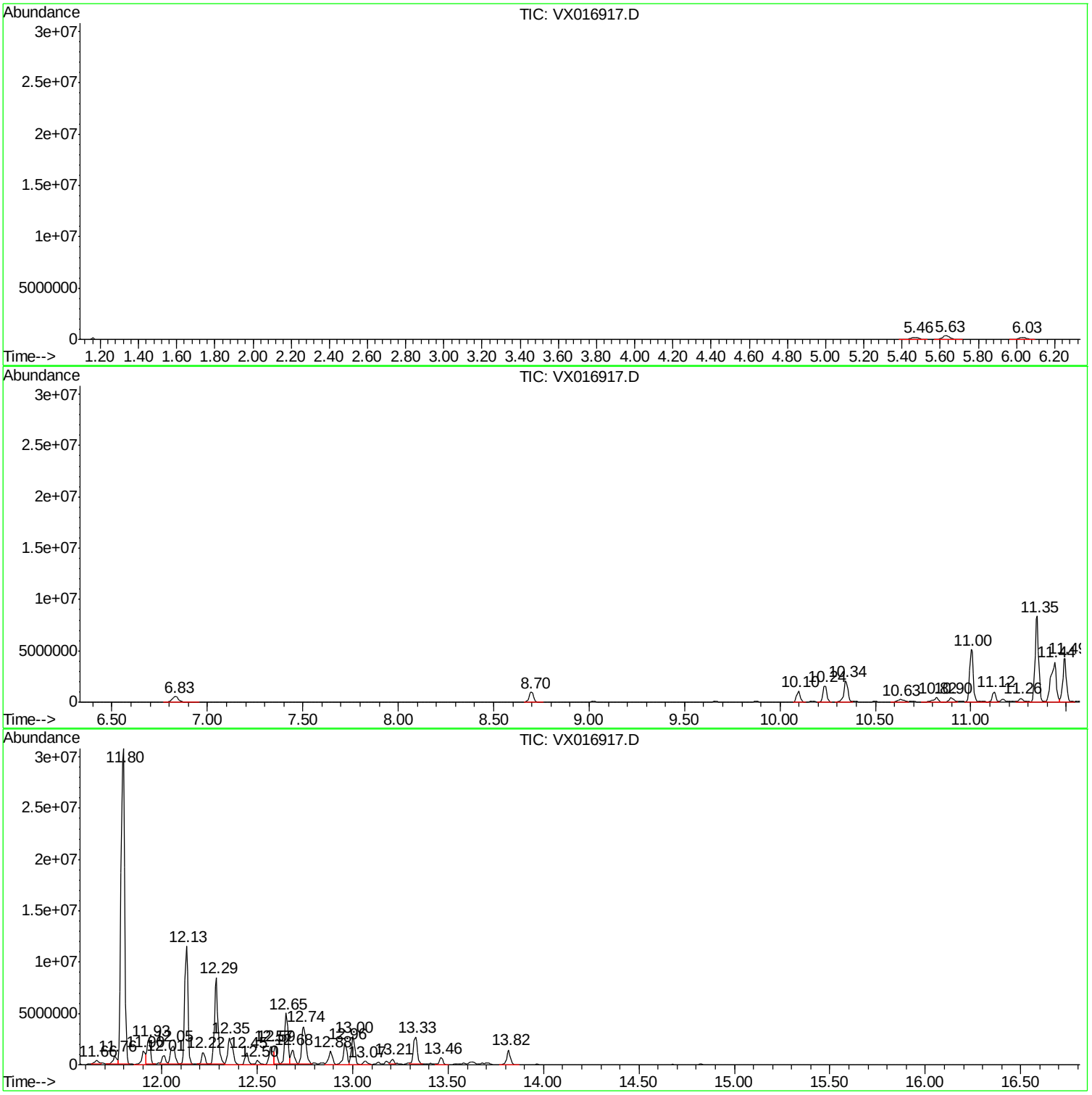
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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 : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

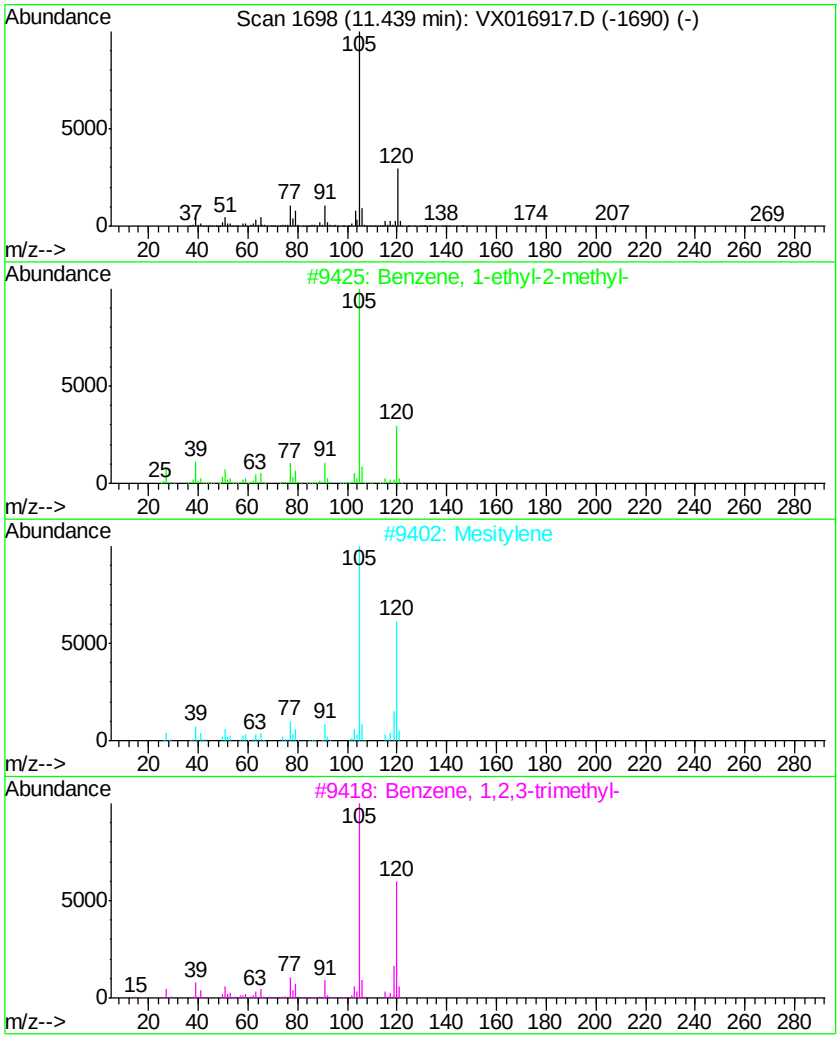
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

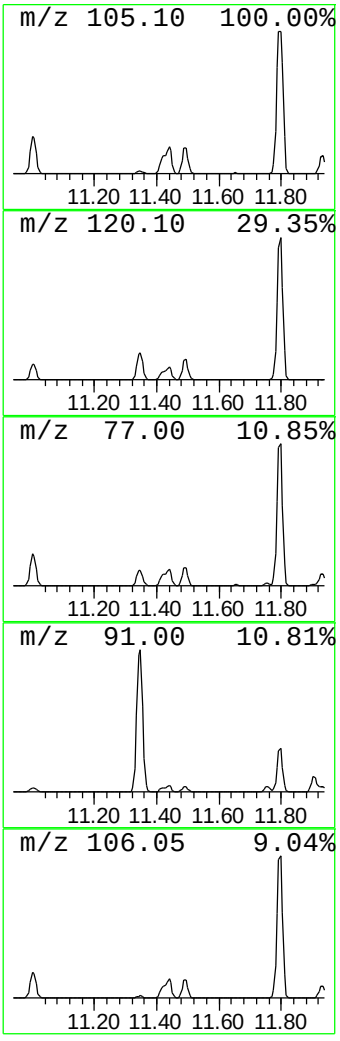
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	128.39 ug/l	7755940	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

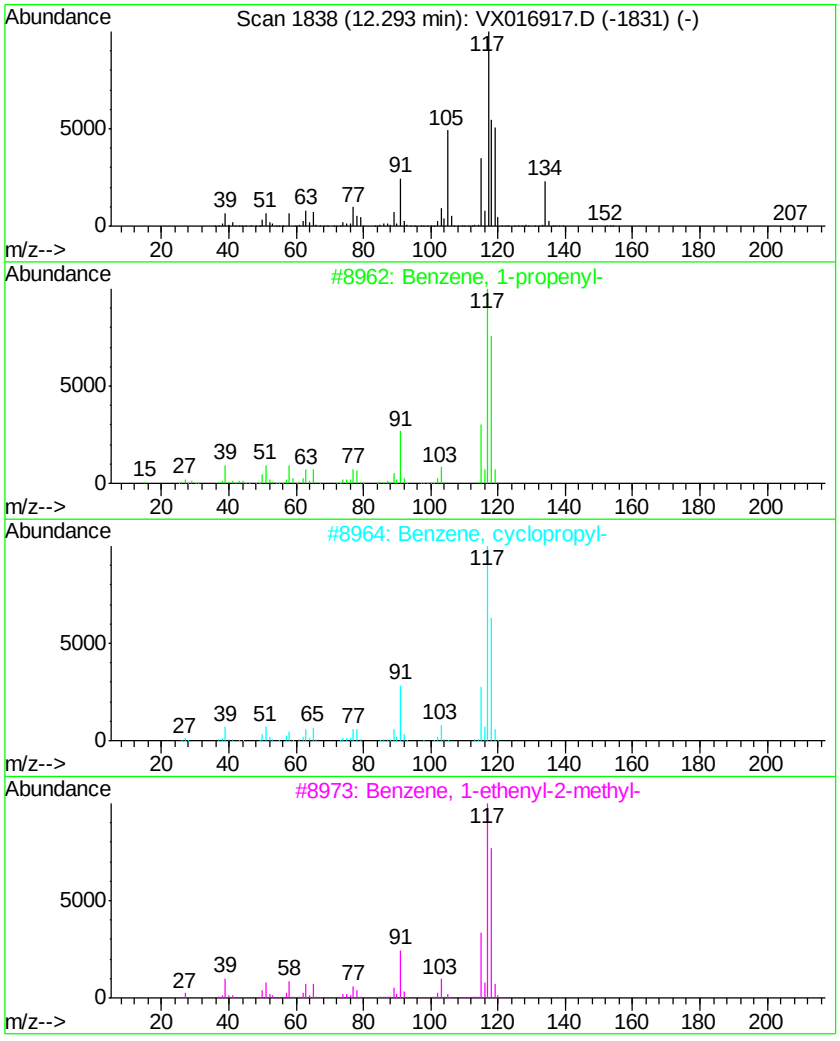
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

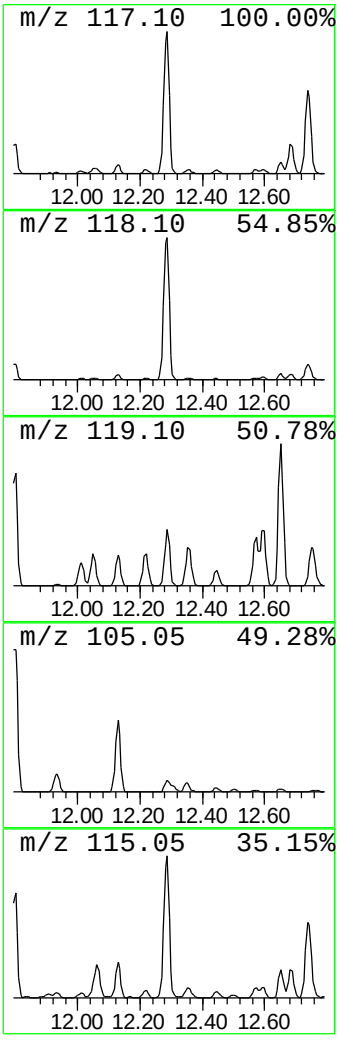
****

Peak Number 2 Benzene, 1-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	185.70 ug/l	11217800	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	90
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	Indane	118	C9H10	000496-11-7	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

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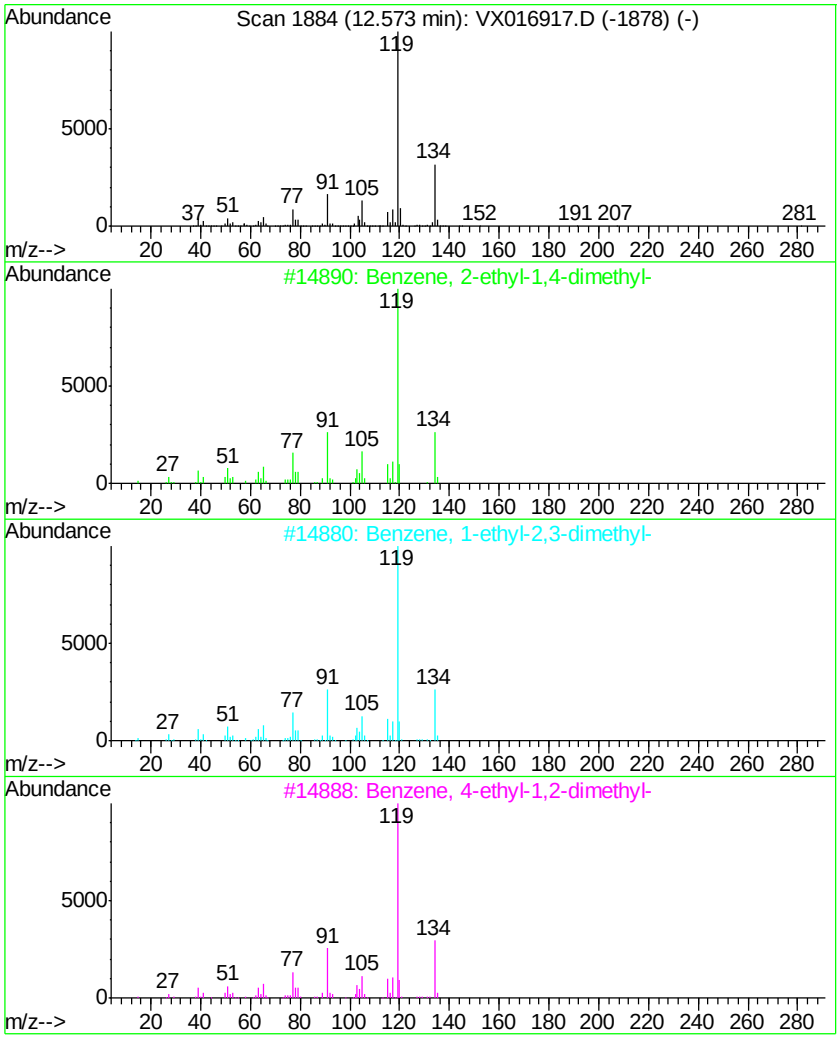
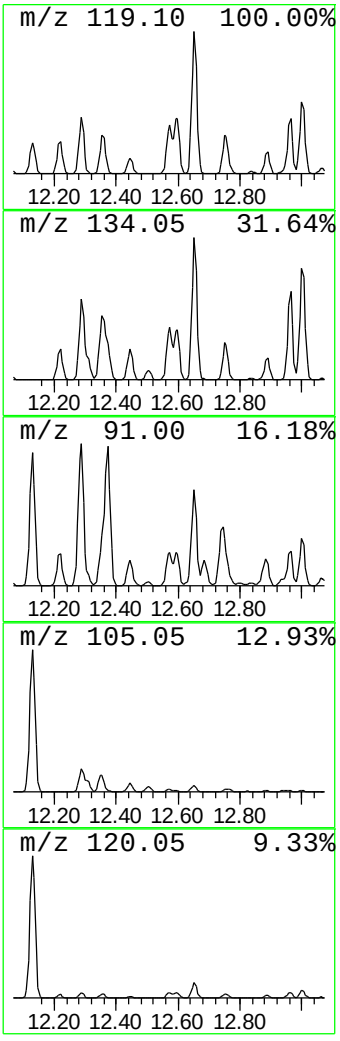
Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	41.80 ug/l	2525180	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, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

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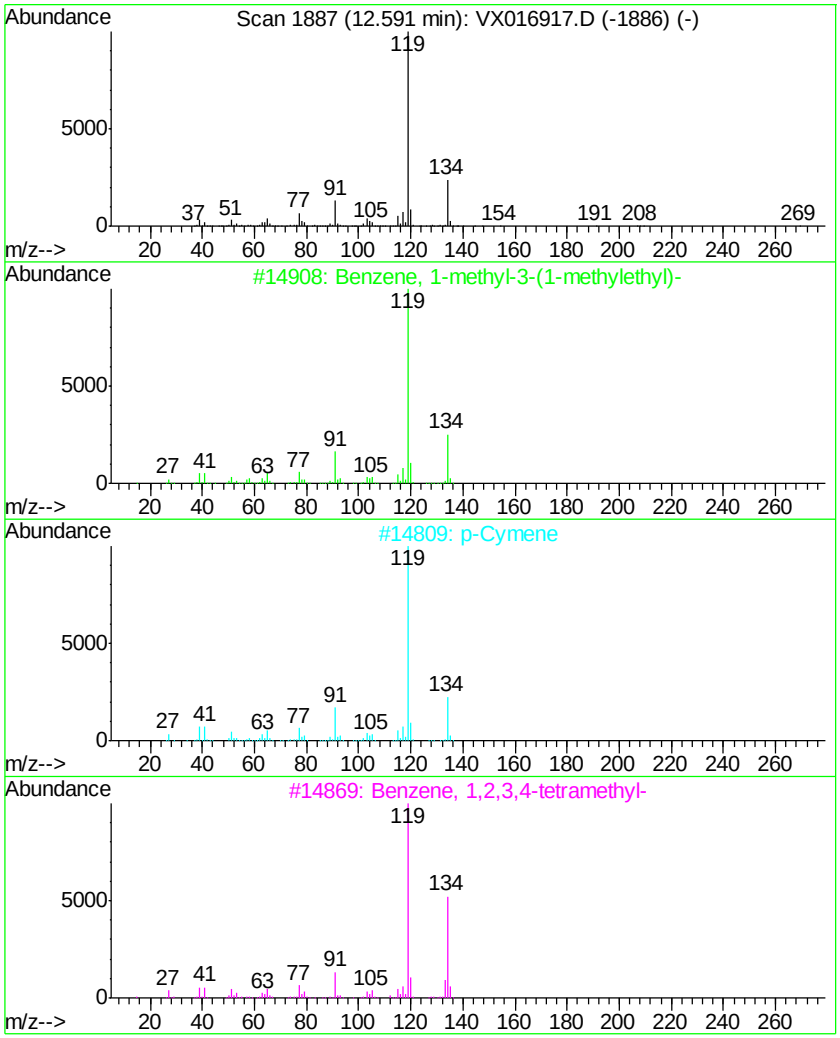
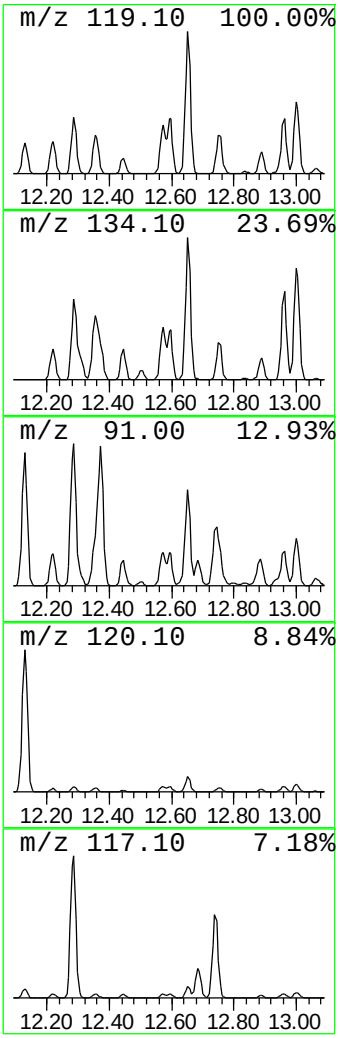
Peak Number 4 Benzene, 1-methyl-3-(1-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	28.12 ug/l	1698910	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

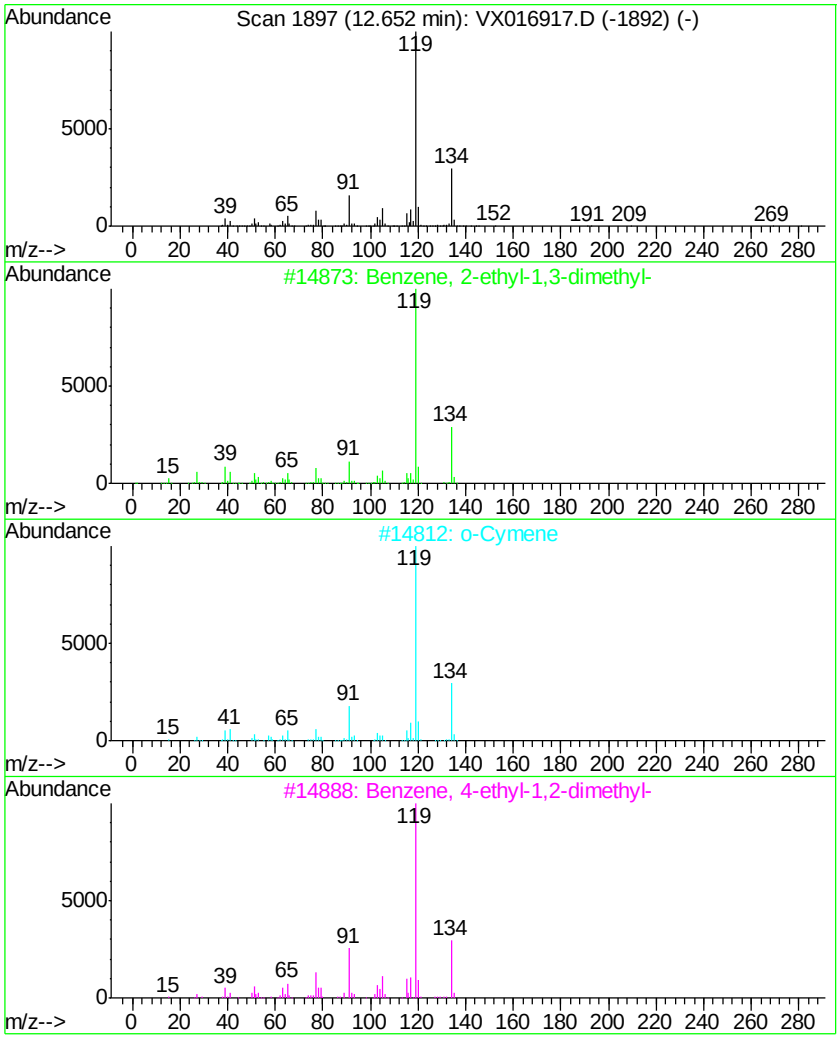
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

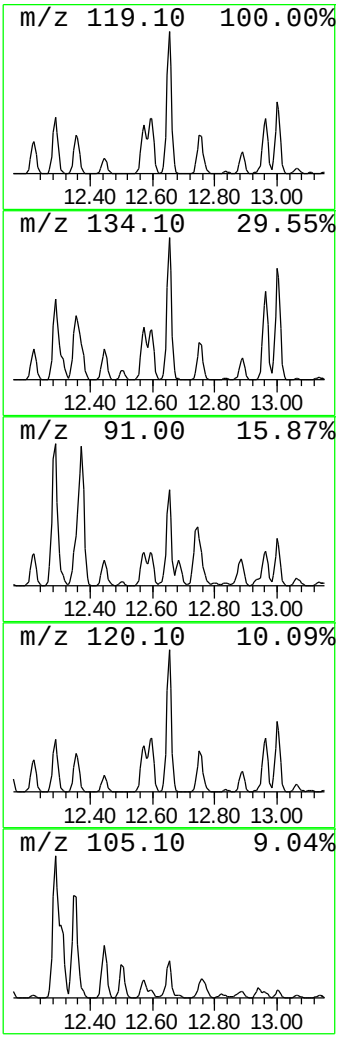
****

Peak Number 5 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	94.52 ug/l	5709560	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	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

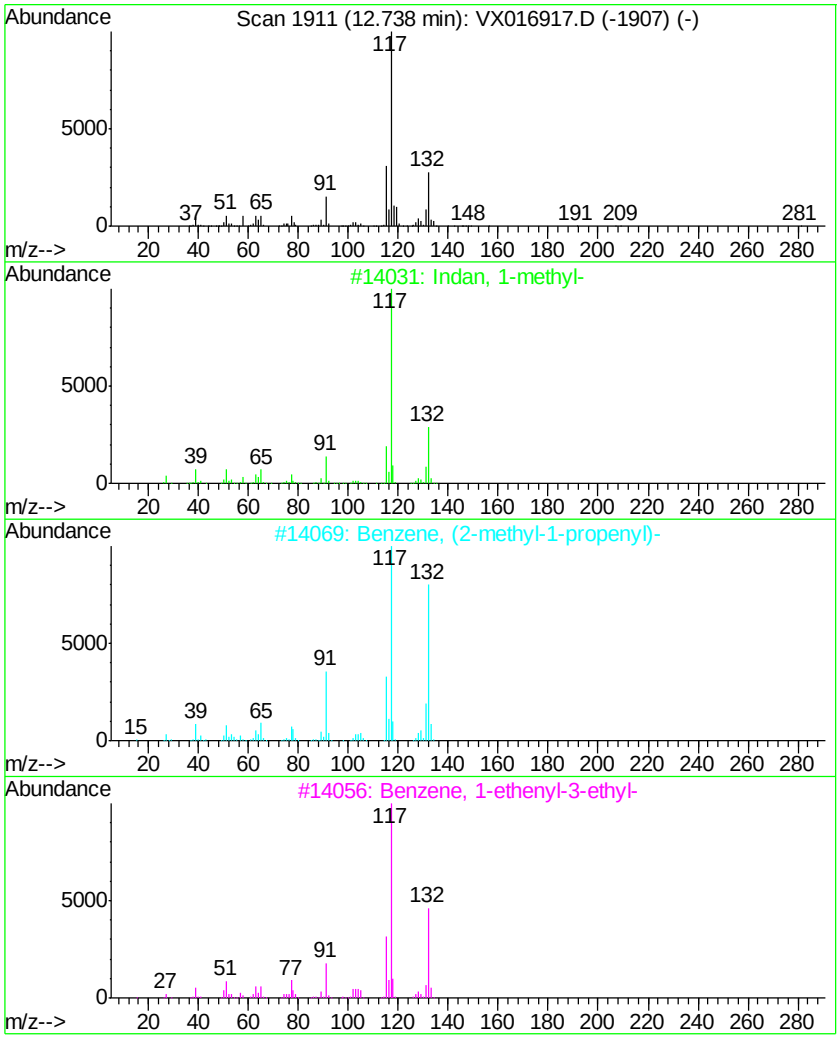
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

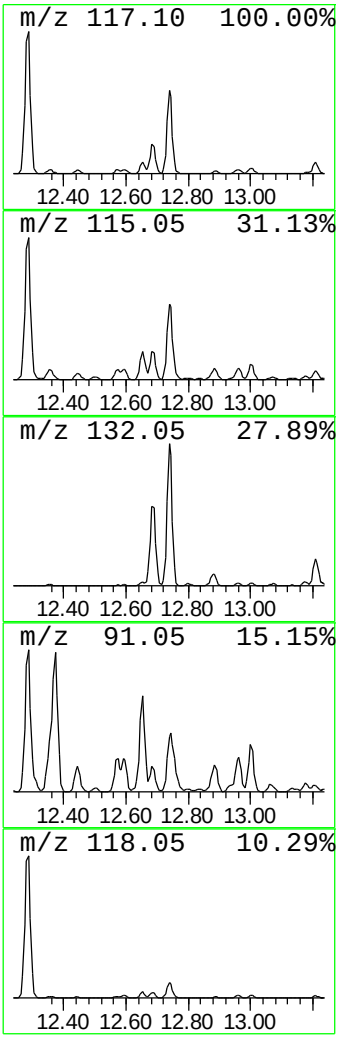
****

Peak Number 6 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	95.85 ug/l	5790230	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
4	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

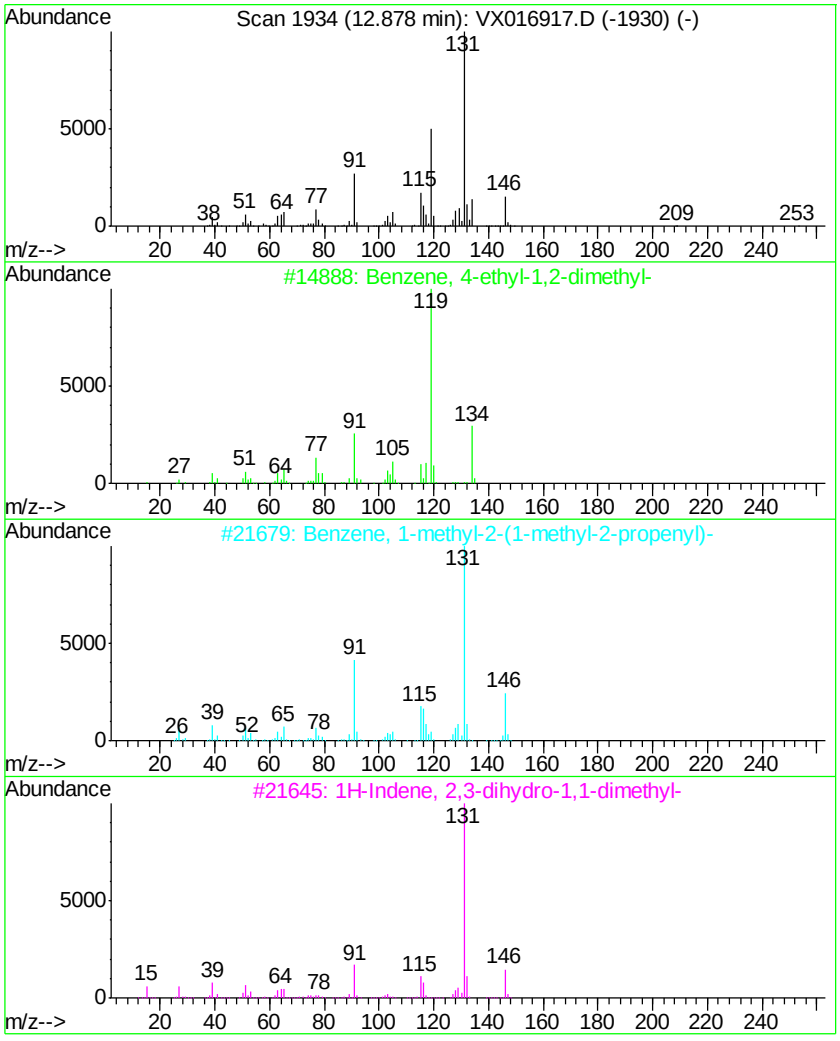
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

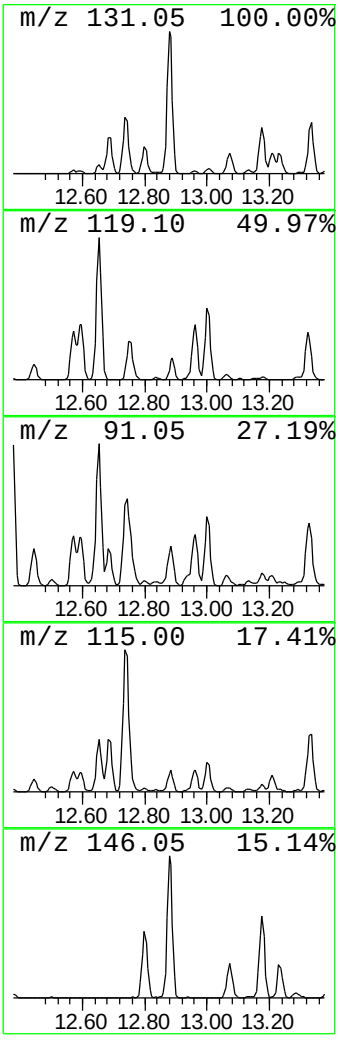
****

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	29.52 ug/l	1782970	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	55
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	50
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

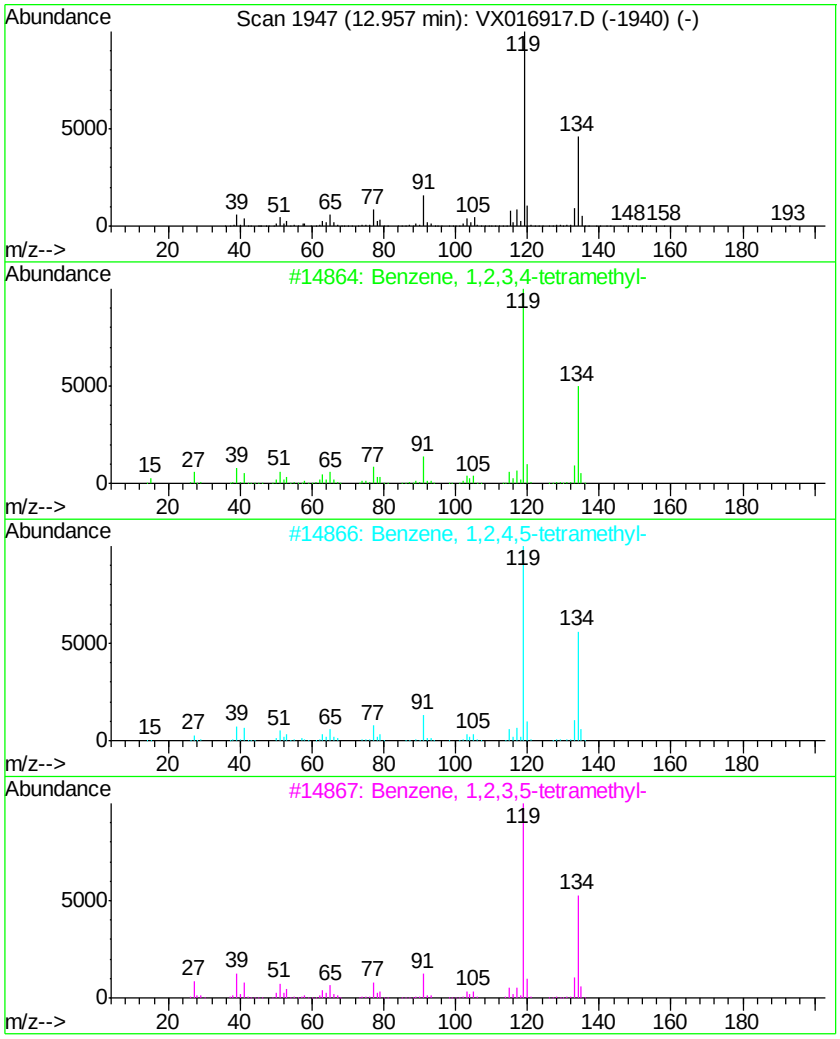
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

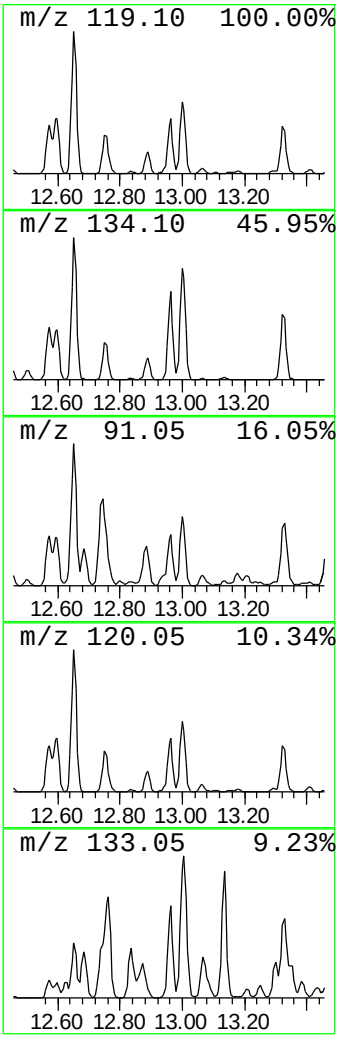
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	46.05 ug/l	2781570	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	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

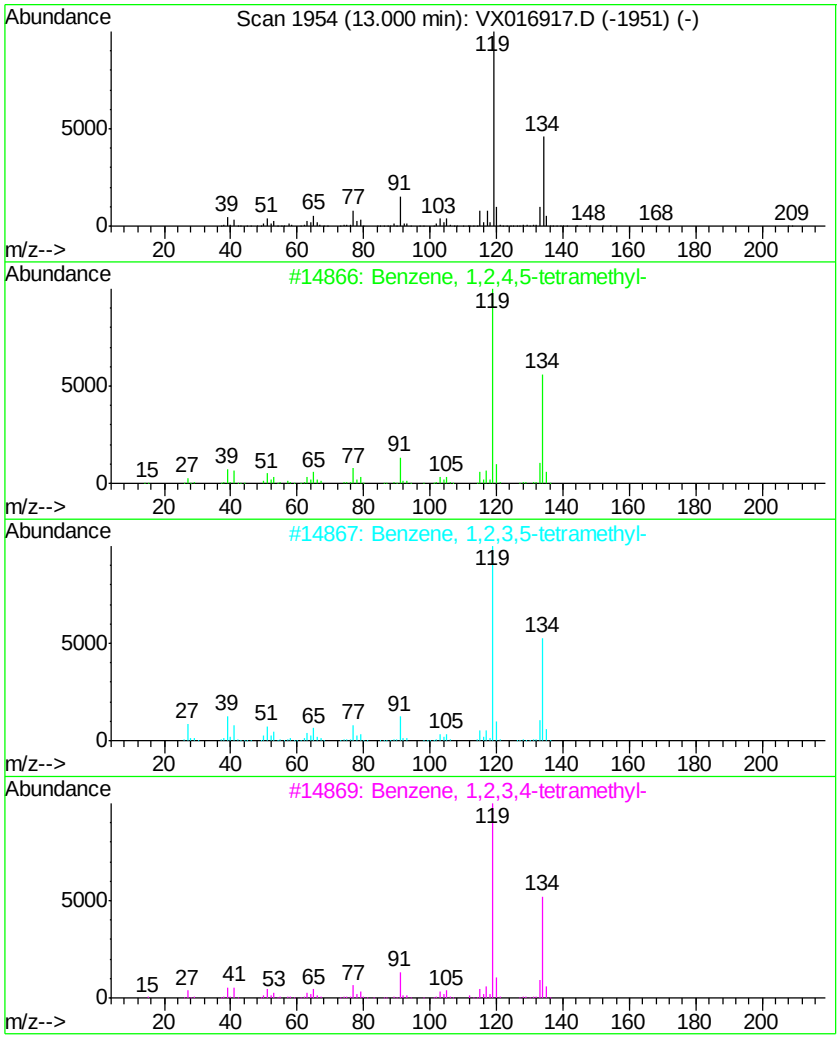
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

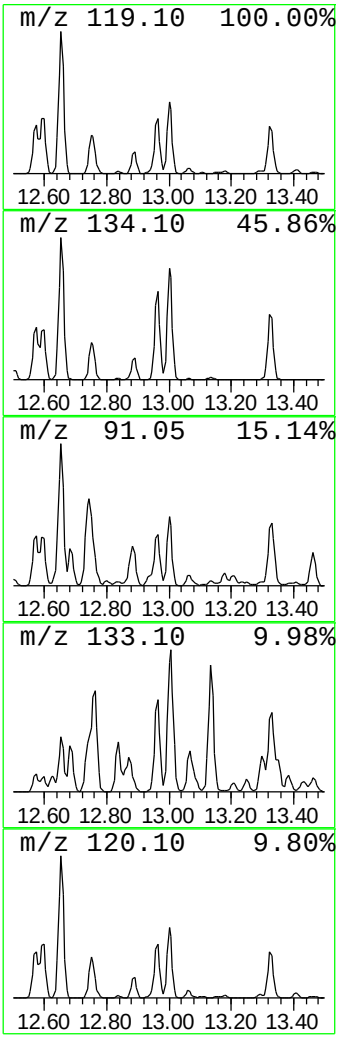
****

Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	54.50 ug/l	3292030	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	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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

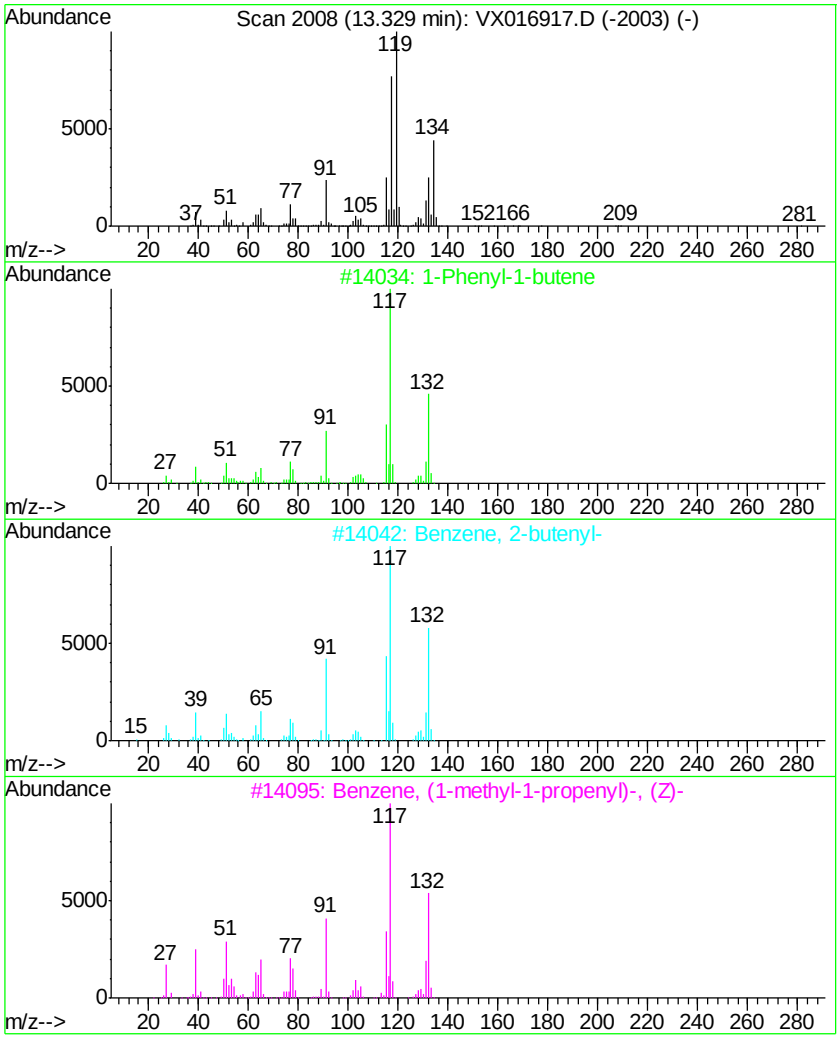
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

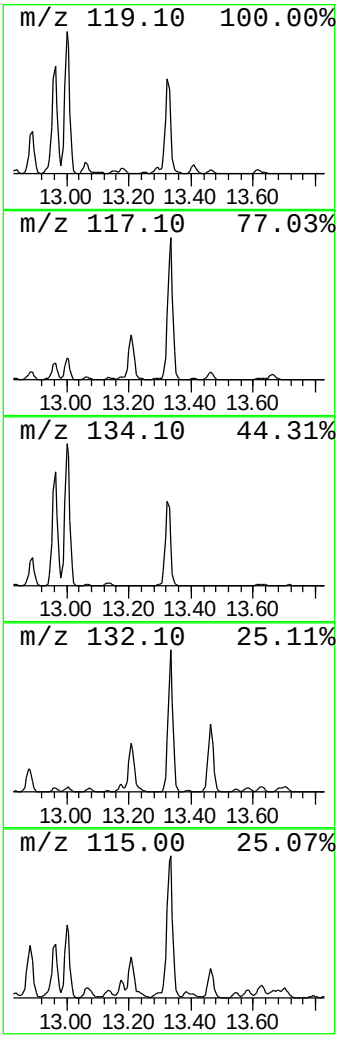
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	62.90 ug/l	3799600	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	83
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	55
5	p-Cymene	134	C10H14	000099-87-6	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061920\
Data File : VX016917.D
Acq On : 20 Jun 2020 08:32
Operator : JC/SP
Sample : L3066-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-2

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-...	11.44	128.4	ug/l	7755940	4	12.06	3020430	50.0
Benzene, 1-propenyl-	12.29	185.7	ug/l	11217800	4	12.06	3020430	50.0
Benzene, 2-ethyl-...	12.57	41.8	ug/l	2525180	4	12.06	3020430	50.0
Benzene, 1-methyl...	12.59	28.1	ug/l	1698910	4	12.06	3020430	50.0
Benzene, 2-ethyl-...	12.65	94.5	ug/l	5709560	4	12.06	3020430	50.0
Indan, 1-methyl-	12.74	95.8	ug/l	5790230	4	12.06	3020430	50.0
Benzene, 4-ethyl-...	12.88	29.5	ug/l	1782970	4	12.06	3020430	50.0
Benzene, 1,2,3,4-...	12.96	46.0	ug/l	2781570	4	12.06	3020430	50.0
Benzene, 1,2,4,5-...	13.00	54.5	ug/l	3292030	4	12.06	3020430	50.0
1-Phenyl-1-butene	13.33	62.9	ug/l	3799600	4	12.06	3020430	50.0