LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 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\82X103119W.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	1.070	26	30	43	rBV	3008066	3583567	4.18%	0.917%
2	5.490	744	755	765	rBV	407175	1163221	1.36%	0.298%
3	5.654	770	782	798	rVB	700946	1968901	2.30%	0.504%
4	6.051	838	847	858	rBV	457553	1176915	1.37%	0.301%
5	6.849	969	978	989	rBV	1125609	2612080	3.05%	0.668%
6	8.709	1277	1283	1291	rVB	2450833	3720191	4.34%	0.952%
7	10.111	1508	1513	1518	rBV	2275268	3063403	3.57%	0.784%
8	10.245	1529	1535	1541	rBV	6647641	8741153	10.20%	2.236%
9	10.349	1544	1552	1559	rBV	3904992	5892150	6.87%	1.507%
10	10.641	1592	1600	1604	rBV3	597025	1297831	1.51%	0.332%
11	10.696	1604	1609	1617	rVB	3002705	4107063	4.79%	1.051%
12	10.830	1622	1631	1636	rVB2	1170297	1896511	2.21%	0.485%
13	10.910	1636	1644	1648	rBV3	1154965	1911815	2.23%	0.489%
14	11.013	1656	1661	1666	rBV	7146827	8749024	10.20%	2.238%
15	11.135	1675	1681	1685	rBV	2120415	2649965	3.09%	0.678%
16	11.275	1696	1704	1712	rVB2	871721	1403445	1.64%	0.359%
17	11.355	1712	1717	1722	rBV	12200726	15193119	17.72%	3.887%
18	11.428	1724	1729	1736	rVV	20586265	27159197	31.68%	6.948%
19	11.501	1736	1741	1750	rVB	20099772	26120032	30.47%	6.682%
20	11.666	1763	1768	1776	rVB	8296830	10735967	12.52%	2.747%
21	11.763	1781	1784	1786	rBV	1226252	1439498	1.68%	0.368%
22	11.806	1786	1791	1796	rVB2	63776341	85734584	100.00%	21.933%
23	11.916	1801	1809	1811	rBV	1803326	2643836	3.08%	0.676%
24	11.940	1811	1813	1818	rVB	3534373	4215147	4.92%	1.078%
25	12.019	1818	1826	1830	rBV	3752171	5224927	6.09%	1.337%
26	12.068	1830	1834	1840	rVB2	3375061	5509689	6.43%	1.410%
27	12.141	1840	1846	1851	rBV	37475193	46807690	54.60%	11.975%
28	12.226	1856	1860	1866	rVB	1573792	1978748	2.31%	0.506%
29	12.294	1866	1871	1879	rBV2	12721455	21769060	25.39%	5.569%
30	12.367	1879	1883	1891	rVB3	7756281	12743946	14.86%	3.260%
31	12.458	1893	1898	1903	rBV	1930509	2496826	2.91%	0.639%
32	12.513	1903	1907	1913	rVB	2215340	2667343	3.11%	0.682%
33	12.580	1913	1918	1920	rBV	4236300	5154744	6.01%	1.319%
34	12.604	1920	1922	1926	rVV	4465846	4946816	5.77%	1.266%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 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\82X103119W.M
Title : SW846 8260

35	12.665	1927	1932	1935	rVV	8186249	9739804	11.36%	2.492%
36	12.696	1935	1937	1942	rVB	2554234	2753414	3.21%	0.704%
37	12.751	1942	1946	1954	rBV3	5643187	10214410	11.91%	2.613%
38	12.897	1965	1970	1975	rVB2	2894411	3941633	4.60%	1.008%
39	12.970	1975	1982	1986	rBV	3720600	5154108	6.01%	1.319%
40	13.013	1986	1989	1995	rVB	3952291	4649203	5.42%	1.189%
41	13.080	1995	2000	2005	rBV3	630524	1085078	1.27%	0.278%
42	13.220	2020	2023	2026	rVB	889698	995309	1.16%	0.255%
43	13.342	2038	2043	2049	rVB2	6525961	9086874	10.60%	2.325%
44	13.476	2060	2065	2072	rVB	2121875	2613262	3.05%	0.669%
45	13.830	2116	2123	2129	rBV	3327741	4176038	4.87%	1.068%

Sum of corrected areas: 390887537

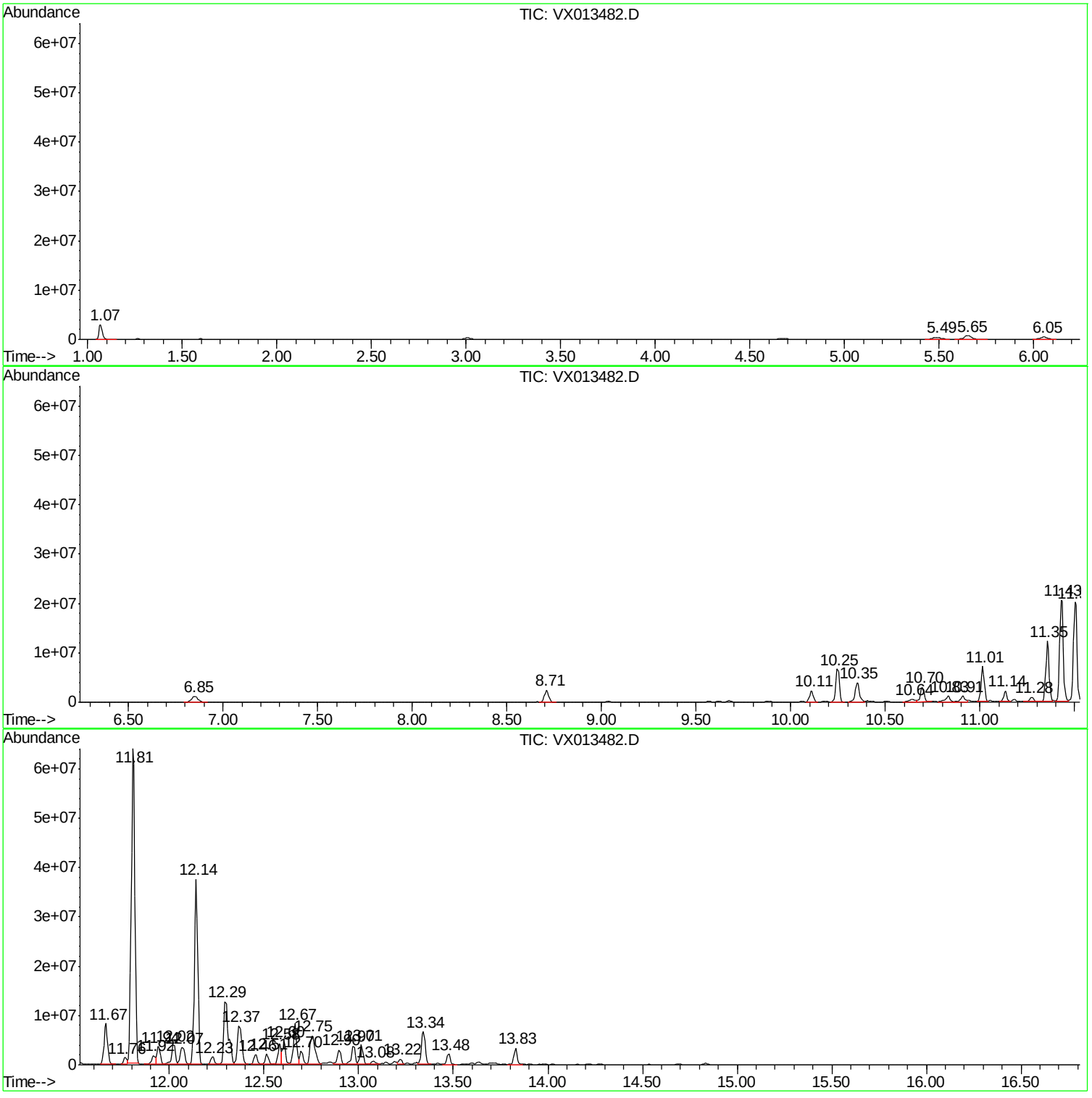
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.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\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260

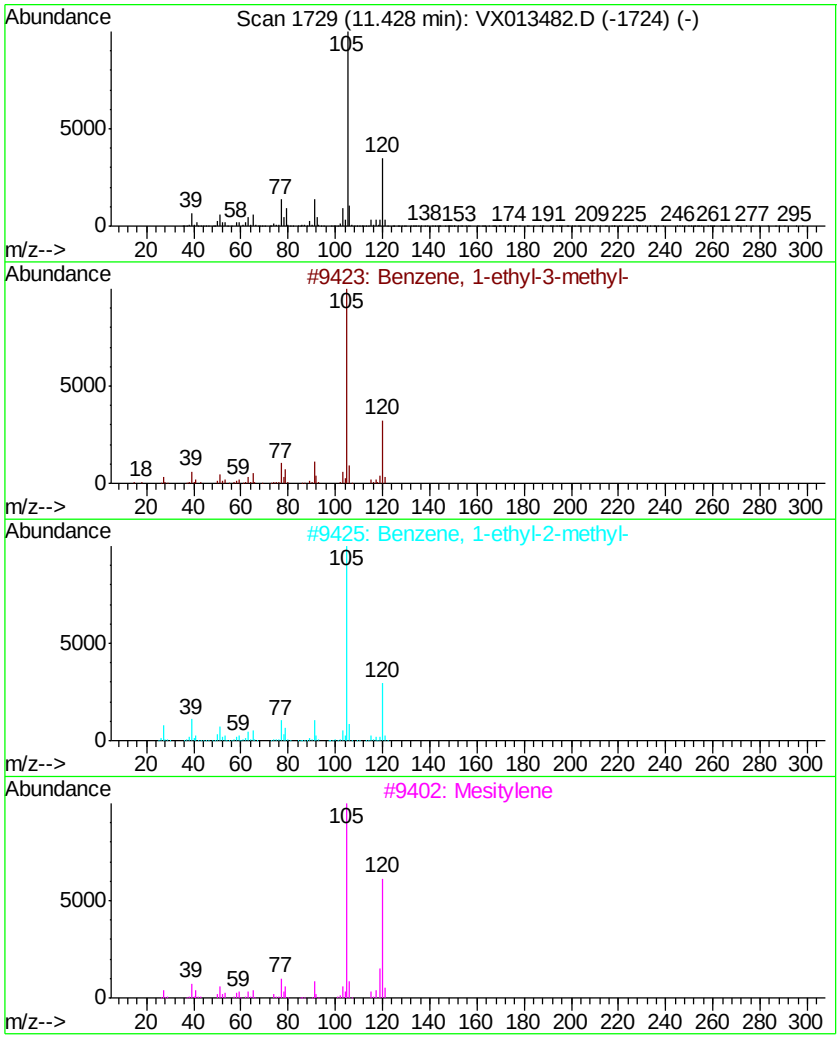
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

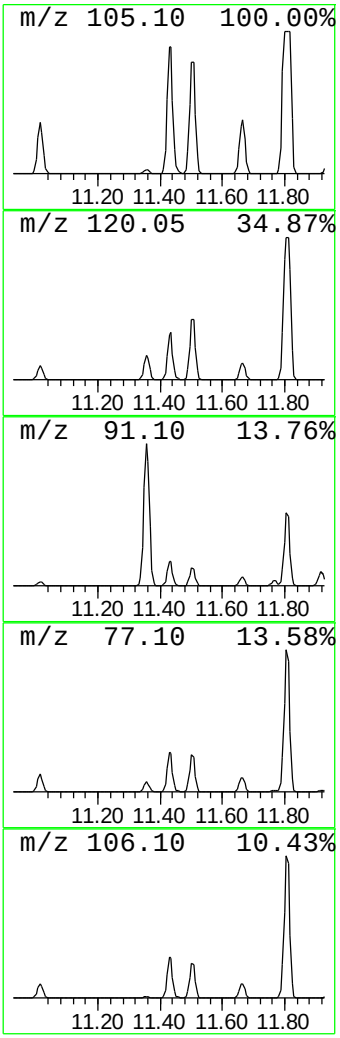
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	246.47 ug/l	27159200	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Mesitylene	120	C9H12	000108-67-8	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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260

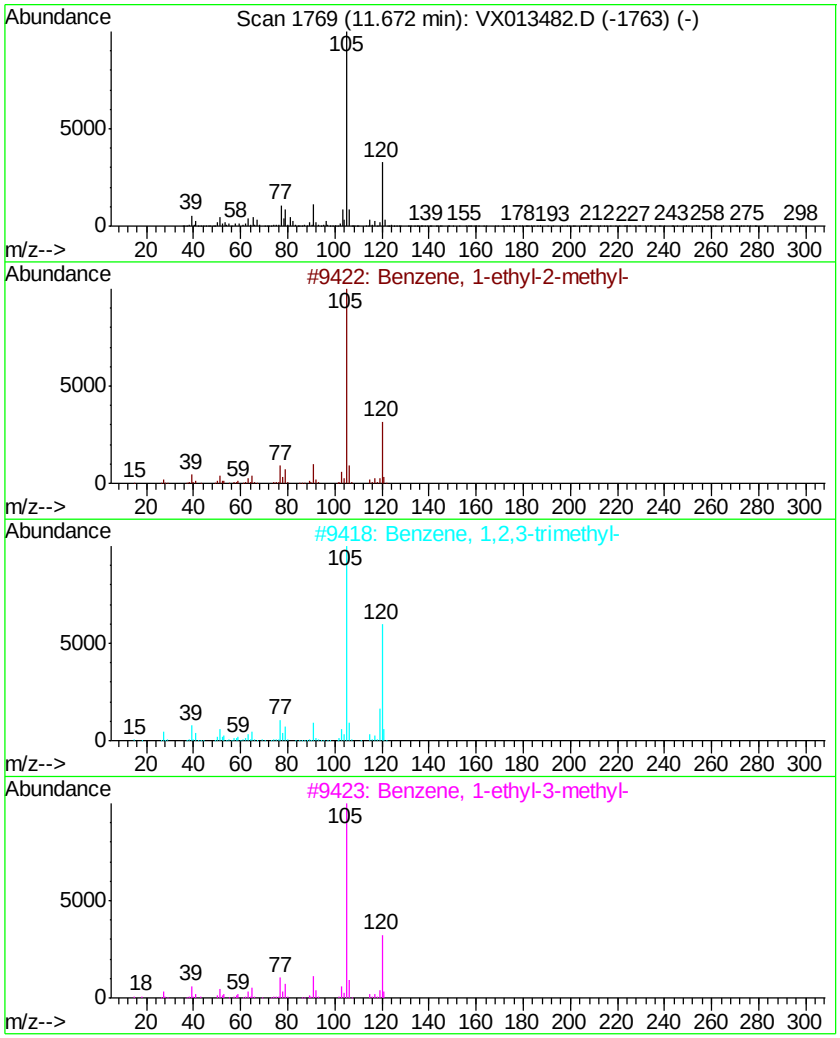
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

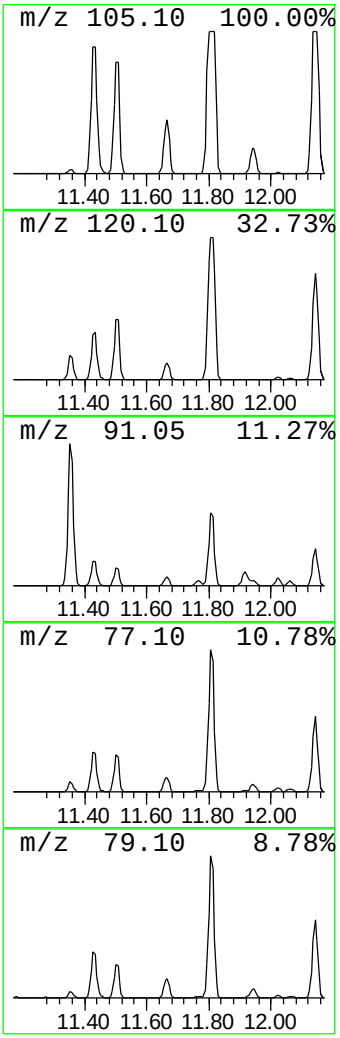
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	97.43 ug/l	10736000	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260

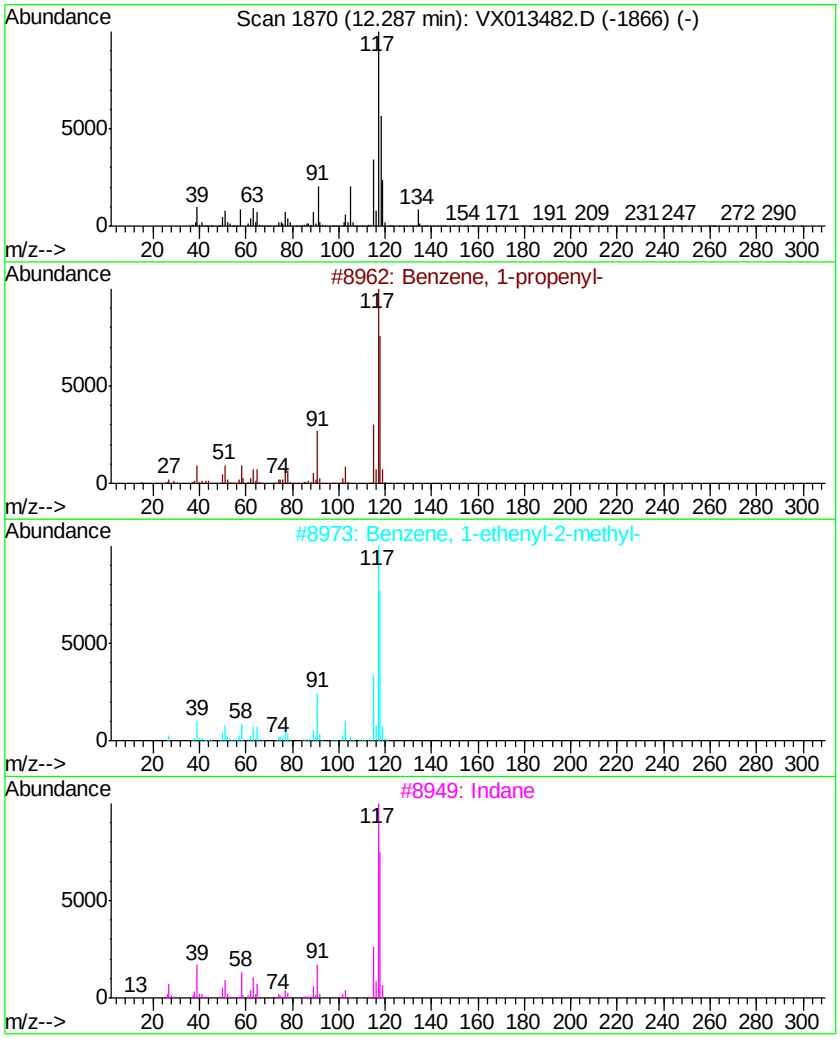
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

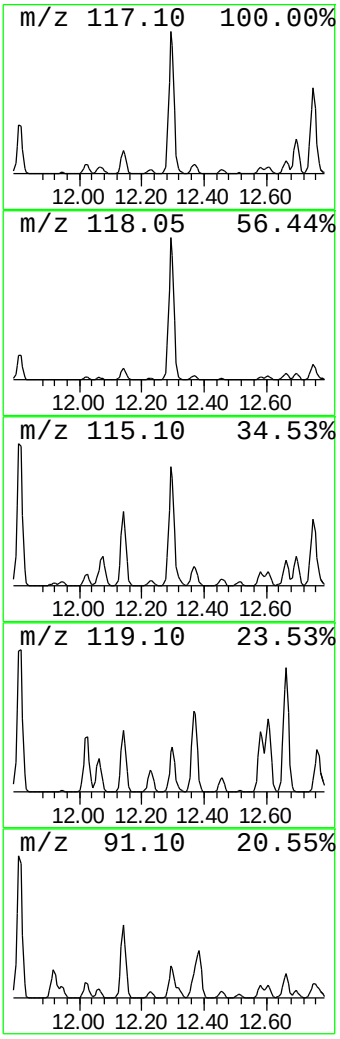
****

Peak Number 4 Benzene, 1-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	197.55 ug/l	21769100	1,4-Dichlorobenzene-d4	12.07

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	Indane	118	C9H10	000496-11-7	70
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260

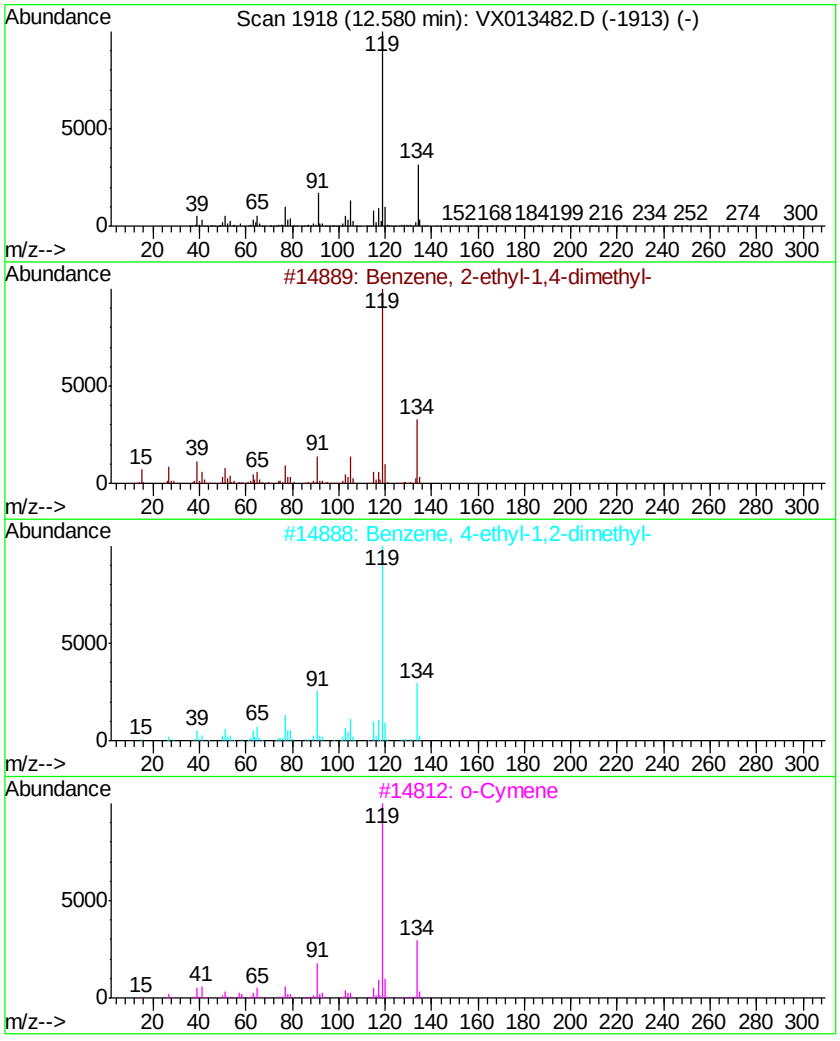
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

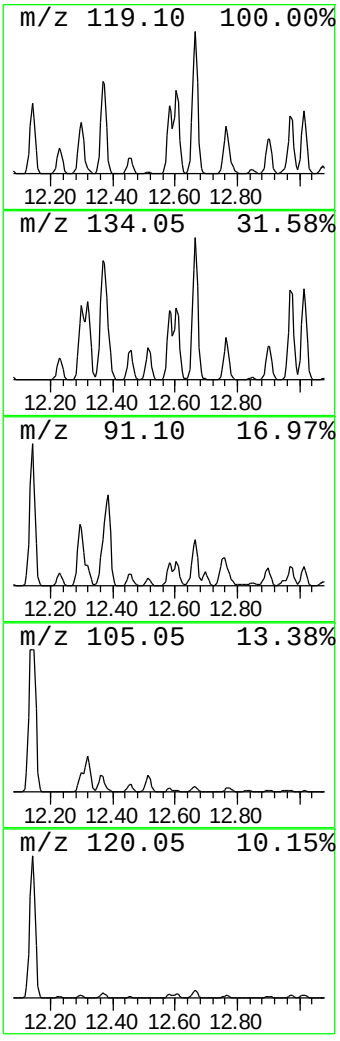
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	46.78 ug/l	5154740	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260

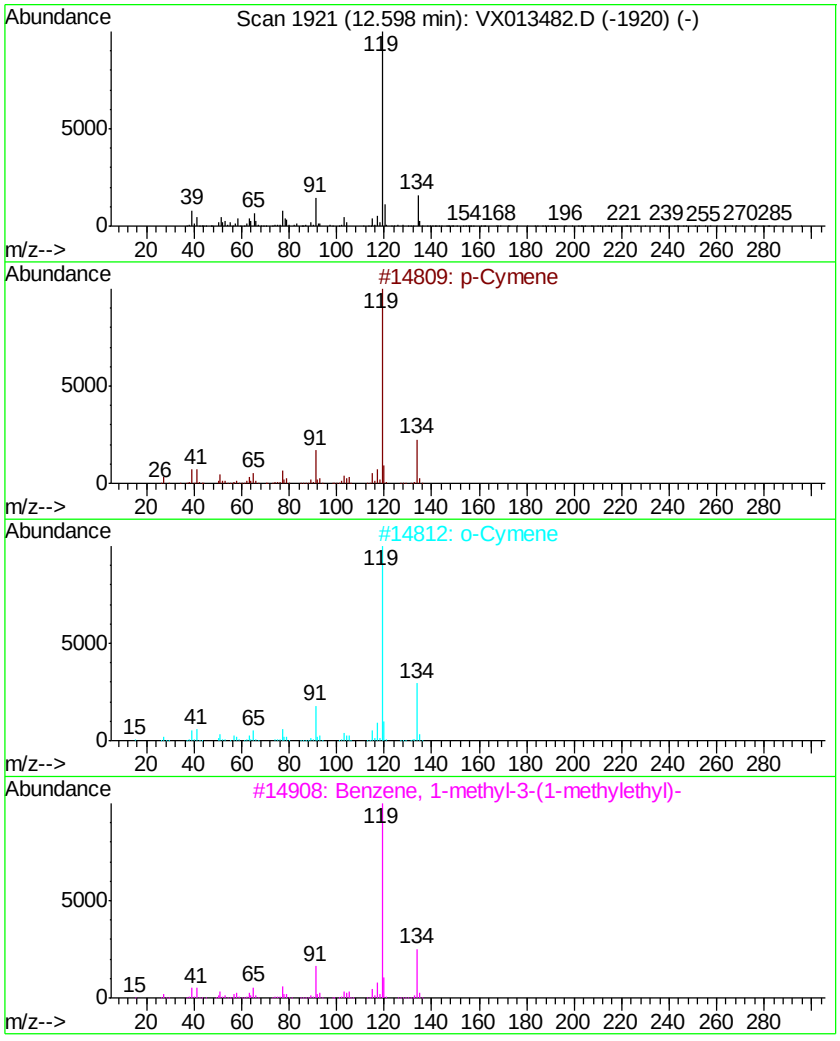
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

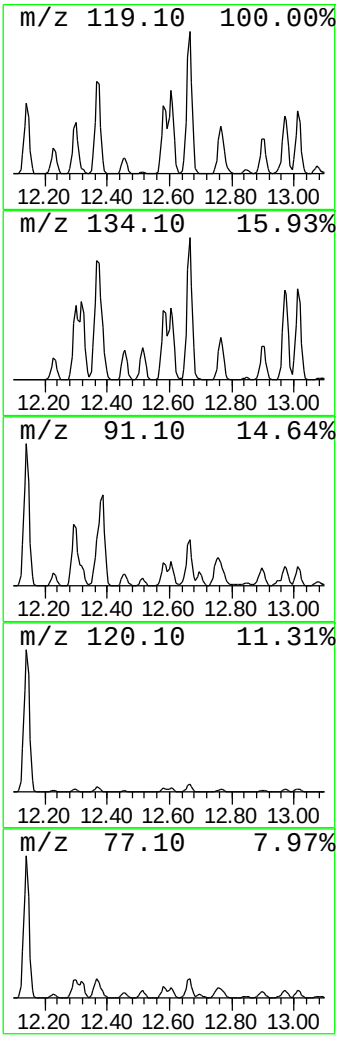
****

Peak Number 6 p-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	44.89 ug/l	4946820	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260

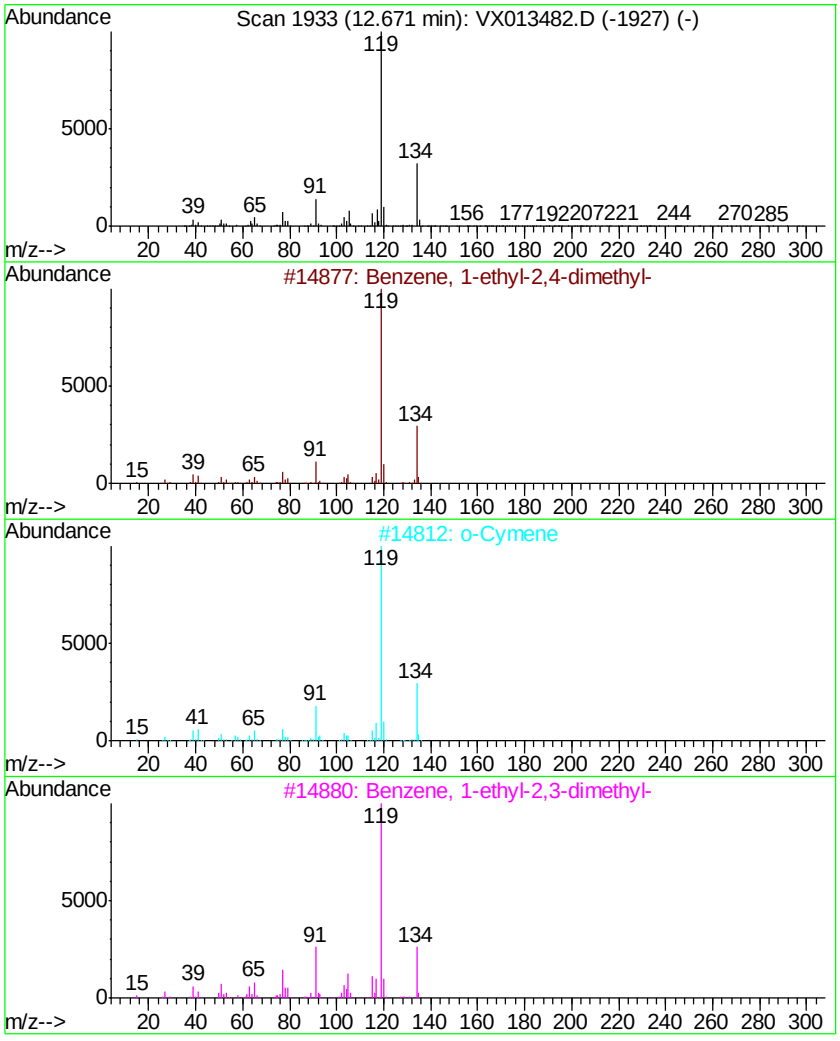
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

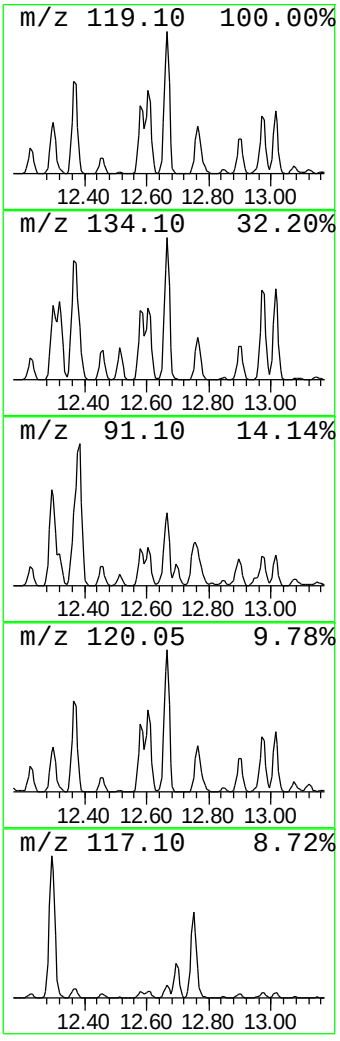
****

Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	88.39 ug/l	9739800	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013482.D
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Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260

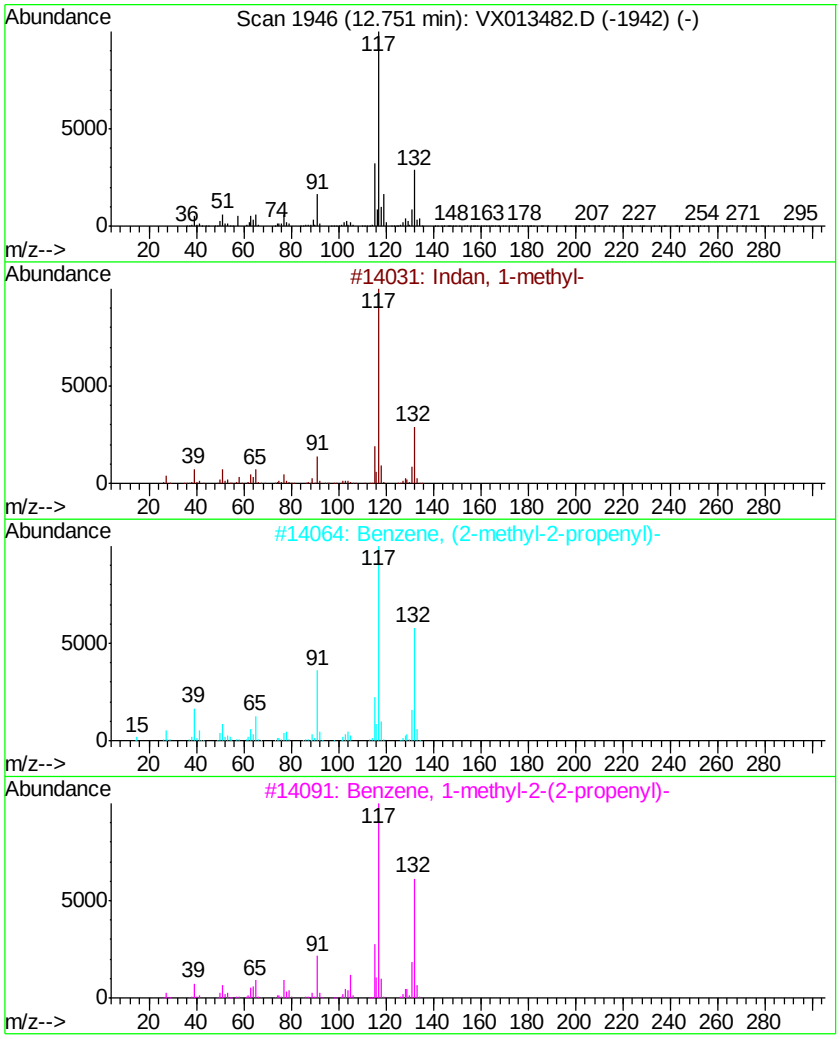
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

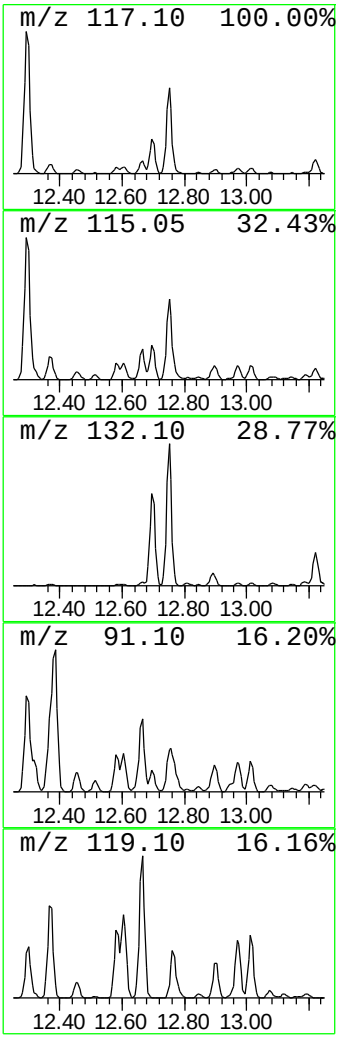
****

Peak Number 8 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	92.70 ug/l	10214400	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	94
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260

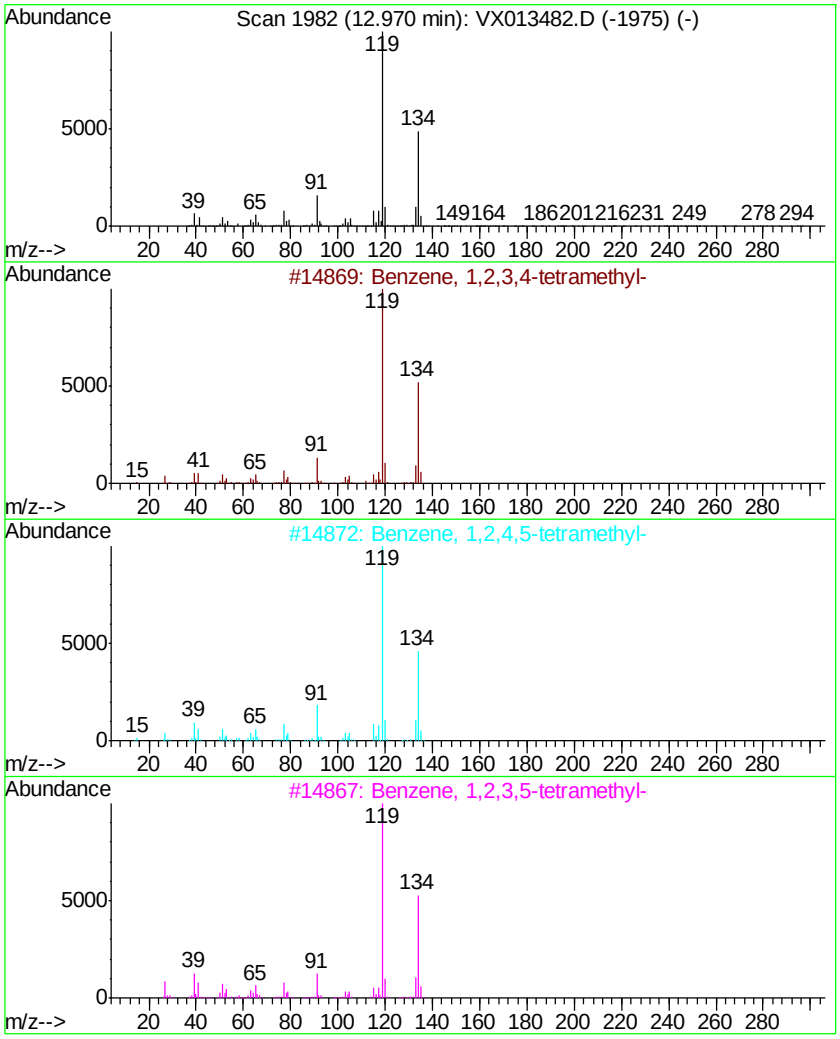
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

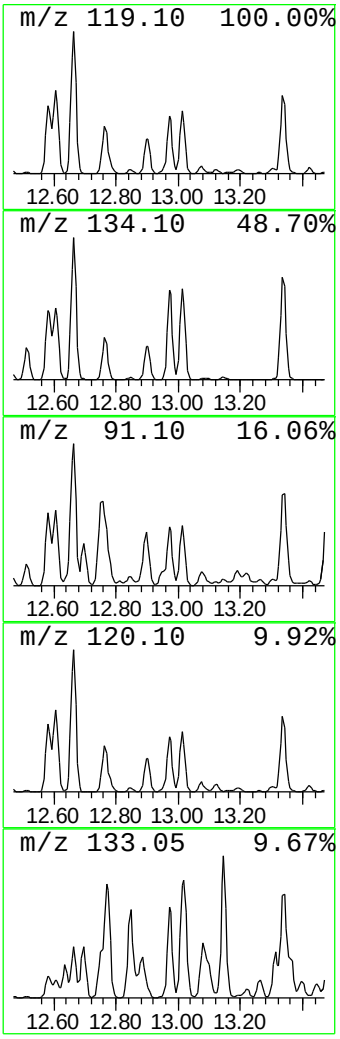
****

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	46.77 ug/l	5154110	1,4-Dichlorobenzene-d4	12.07

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	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013482.D
Acq On : 20 Nov 2019 17:08
Operator : JC/SP
Sample : K5958-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.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-...	11.43	246.5	ug/l	27159200	4	12.07	5509690	50.0
Benzene, 1-ethyl-...	11.67	97.4	ug/l	10736000	4	12.07	5509690	50.0
Benzene, 1-propenyl-	12.29	197.6	ug/l	21769100	4	12.07	5509690	50.0
Benzene, 2-ethyl-...	12.58	46.8	ug/l	5154740	4	12.07	5509690	50.0
p-Cymene	12.60	44.9	ug/l	4946820	4	12.07	5509690	50.0
Benzene, 1-ethyl-...	12.67	88.4	ug/l	9739800	4	12.07	5509690	50.0
Indan, 1-methyl-	12.75	92.7	ug/l	10214400	4	12.07	5509690	50.0
Benzene, 1,2,3,4-...	12.97	46.8	ug/l	5154110	4	12.07	5509690	50.0