LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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	38	rBV	4100892	4971334	4.44%	1.082%
2	5.490	744	755	765	rBV	404389	1177883	1.05%	0.256%
3	5.649	772	781	798	rVB	685652	1940415	1.73%	0.422%
4	6.051	837	847	856	rBV	463630	1181382	1.05%	0.257%
5	6.850	969	978	991	rBV	1123596	2593014	2.31%	0.564%
6	8.709	1278	1283	1290	rVB	2419139	3747175	3.34%	0.816%
7	10.111	1508	1513	1518	rVB	2245776	3022245	2.70%	0.658%
8	10.245	1529	1535	1541	rBV	9491802	12436880	11.10%	2.707%
9	10.355	1544	1553	1559	rBV	8113807	11626909	10.37%	2.531%
10	10.642	1584	1600	1604	rBV3	849277	2060420	1.84%	0.448%
11	10.696	1604	1609	1617	rVB	6203711	8281873	7.39%	1.803%
12	10.831	1622	1631	1636	rVB2	1779889	2898585	2.59%	0.631%
13	10.910	1636	1644	1648	rBV3	1671392	2719735	2.43%	0.592%
14	11.013	1656	1661	1666	rBV	12445283	15529450	13.86%	3.380%
15	11.135	1675	1681	1685	rVB	2072224	2656240	2.37%	0.578%
16	11.276	1700	1704	1712	rVB3	1011358	1431159	1.28%	0.312%
17	11.355	1712	1717	1722	rVV	19834214	25465450	22.72%	5.543%
18	11.452	1725	1733	1737	rVV	12384083	20925350	18.67%	4.555%
19	11.501	1737	1741	1750	rVB	9697831	12301413	10.98%	2.678%
20	11.666	1763	1768	1776	rBV	10422588	13476220	12.02%	2.933%
21	11.769	1780	1785	1786	rVV	1835307	2316360	2.07%	0.504%
22	11.812	1786	1792	1797	rVV2	81988764	112084242	100.00%	24.398%
23	11.916	1801	1809	1811	rBV	2926185	4130408	3.69%	0.899%
24	11.940	1811	1813	1819	rVV	5186655	6168987	5.50%	1.343%
25	12.025	1823	1827	1830	rVV	2362369	2963117	2.64%	0.645%
26	12.068	1830	1834	1840	rVB2	3934756	6228719	5.56%	1.356%
27	12.141	1840	1846	1851	rBV	38199104	48039592	42.86%	10.457%
28	12.227	1856	1860	1866	rVB	2271817	2834930	2.53%	0.617%
29	12.294	1866	1871	1879	rBV	19789044	27680202	24.70%	6.025%
30	12.367	1879	1883	1891	rVB2	6295214	11888948	10.61%	2.588%
31	12.458	1891	1898	1903	rBV	2483796	3238672	2.89%	0.705%
32	12.513	1903	1907	1913	rVB	2009932	2502744	2.23%	0.545%
33	12.580	1913	1918	1920	rBV	5001317	6222157	5.55%	1.354%
34	12.605	1920	1922	1926	rVV	4960445	5415771	4.83%	1.179%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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	12.666	1927	1932	1935	rVV	10958649	13079879	11.67%	2.847%
36	12.696	1935	1937	1942	rVV	3548379	4074972	3.64%	0.887%
37	12.757	1942	1947	1954	rVB2	7637608	13112662	11.70%	2.854%
38	12.897	1964	1970	1975	rVB2	3073956	4496608	4.01%	0.979%
39	12.970	1975	1982	1986	rBV	4336516	6214242	5.54%	1.353%
40	13.013	1986	1989	1995	rVB	5166660	6091658	5.43%	1.326%
41	13.074	1995	1999	2005	rBV3	750585	1183837	1.06%	0.258%
42	13.342	2038	2043	2049	rVB2	7930962	11084217	9.89%	2.413%
43	13.476	2060	2065	2070	rVB	3219969	3895391	3.48%	0.848%
44	13.830	2116	2123	2128	rBV	3078993	4013290	3.58%	0.874%

Sum of corrected areas: 459404737

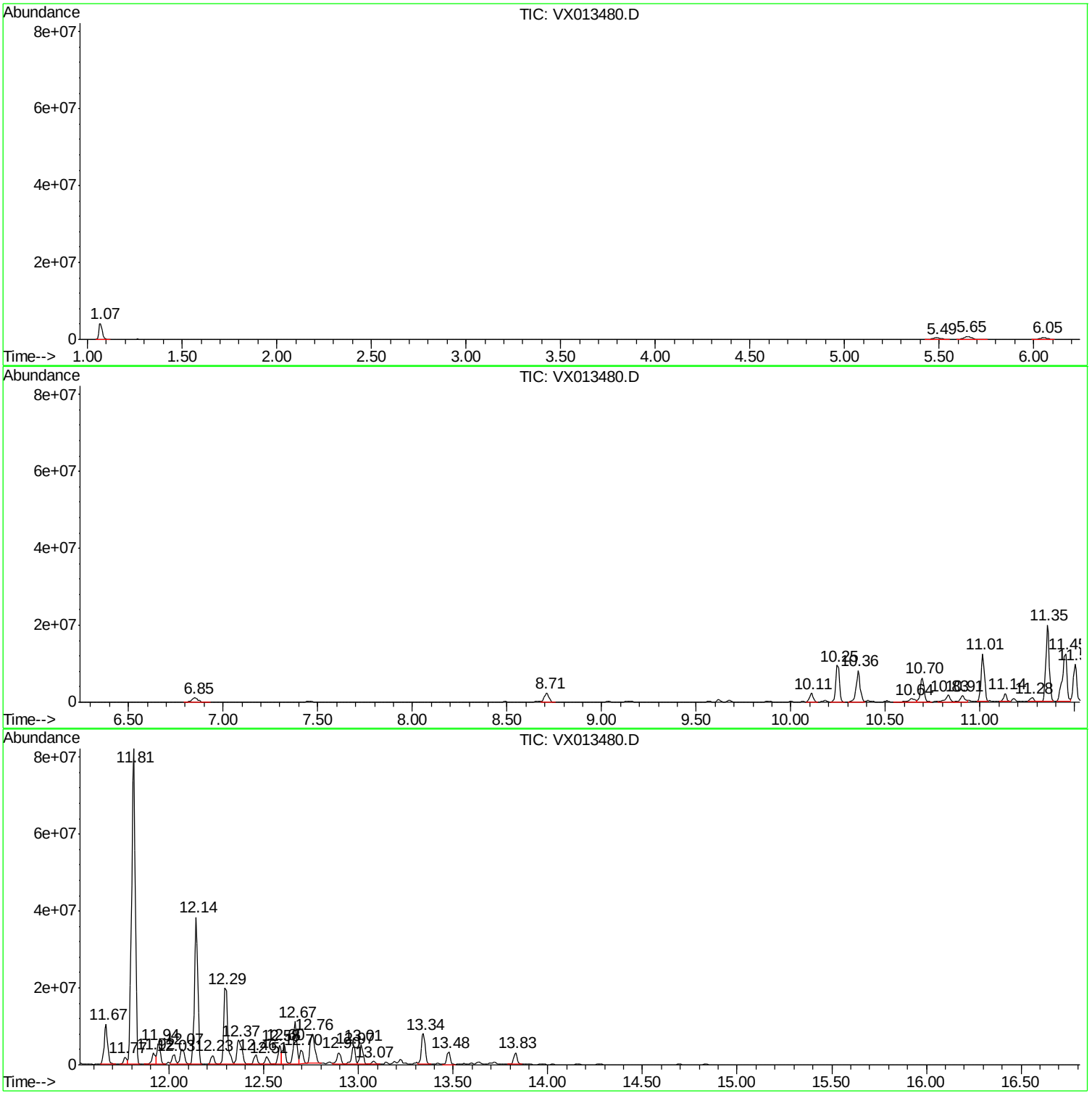
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-3

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 : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

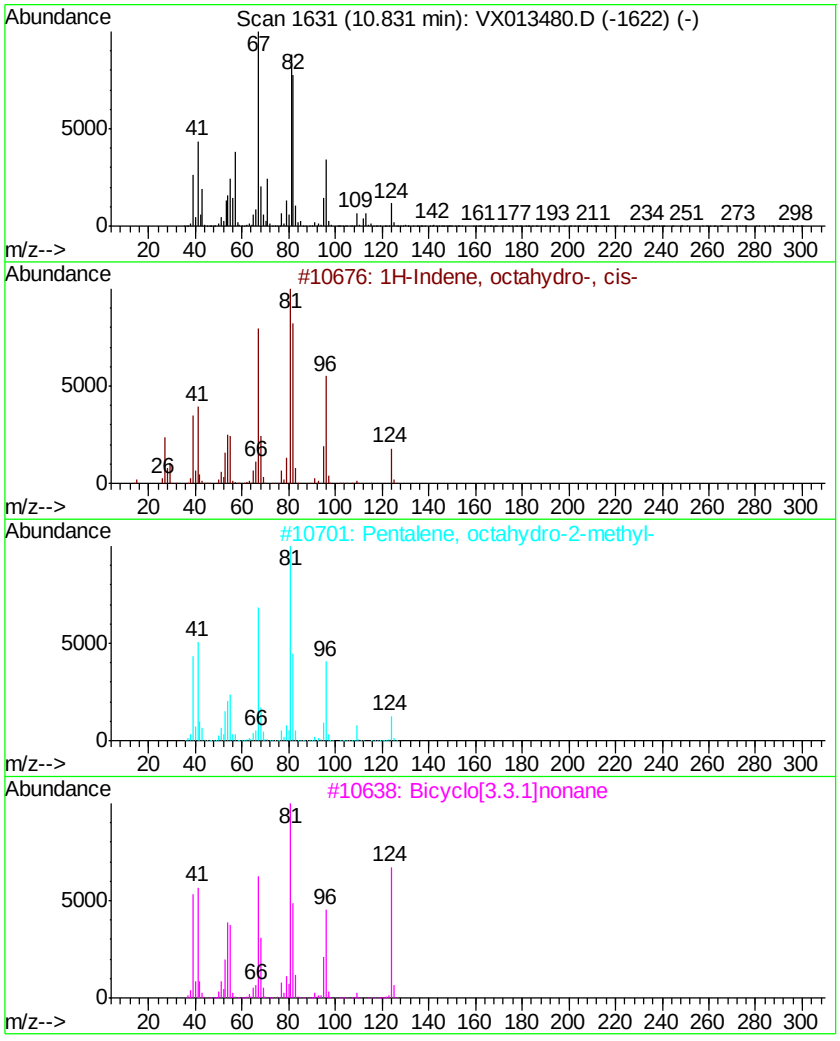
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

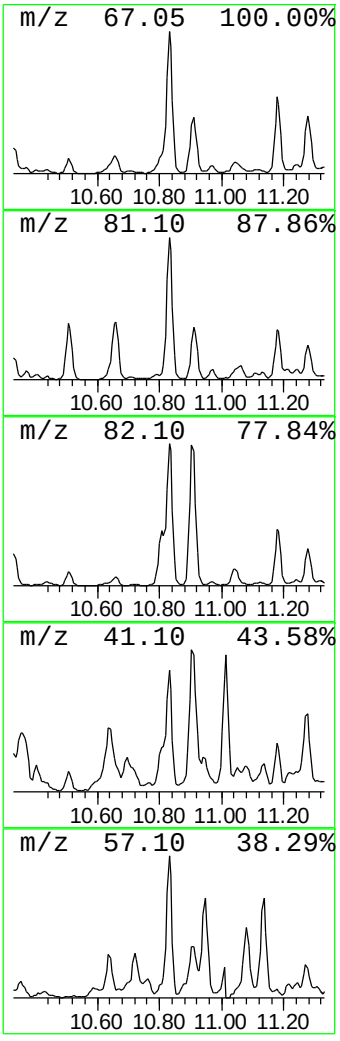
****

Peak Number 2 1H-Indene, octahydro-, cis- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	47.95 ug/l	2898590	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	91
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	55
3	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	49
4	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	49
5	Butanoic acid, 4-hexenyl ester, ...	170	C10H18O2	069727-41-9	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

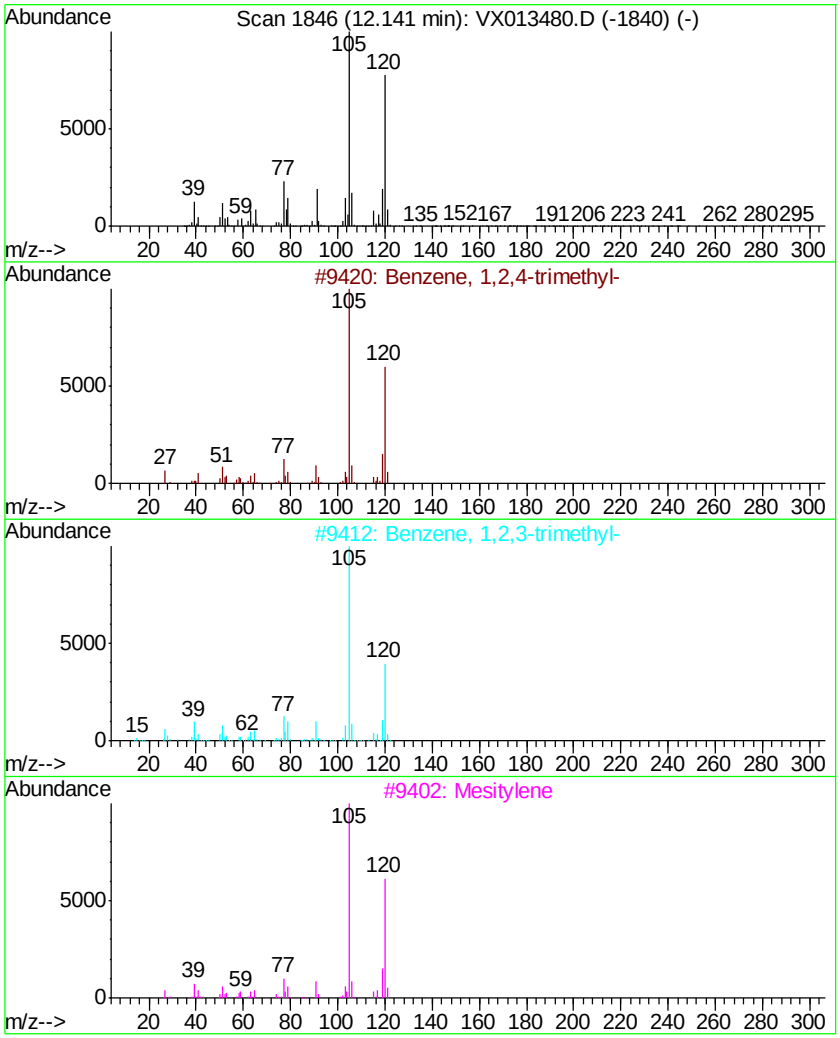
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

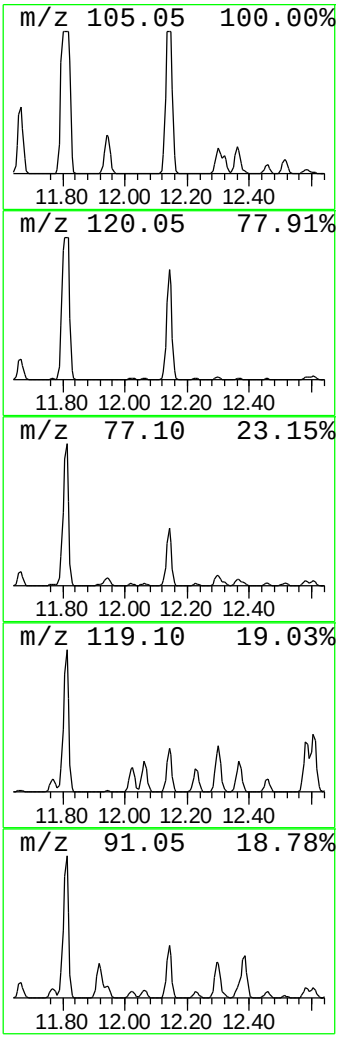
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	385.63 ug/l	48039600	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Spiro[4.4]nona-1,6-diene, (S)-	120	C9H12	039746-39-9	86
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

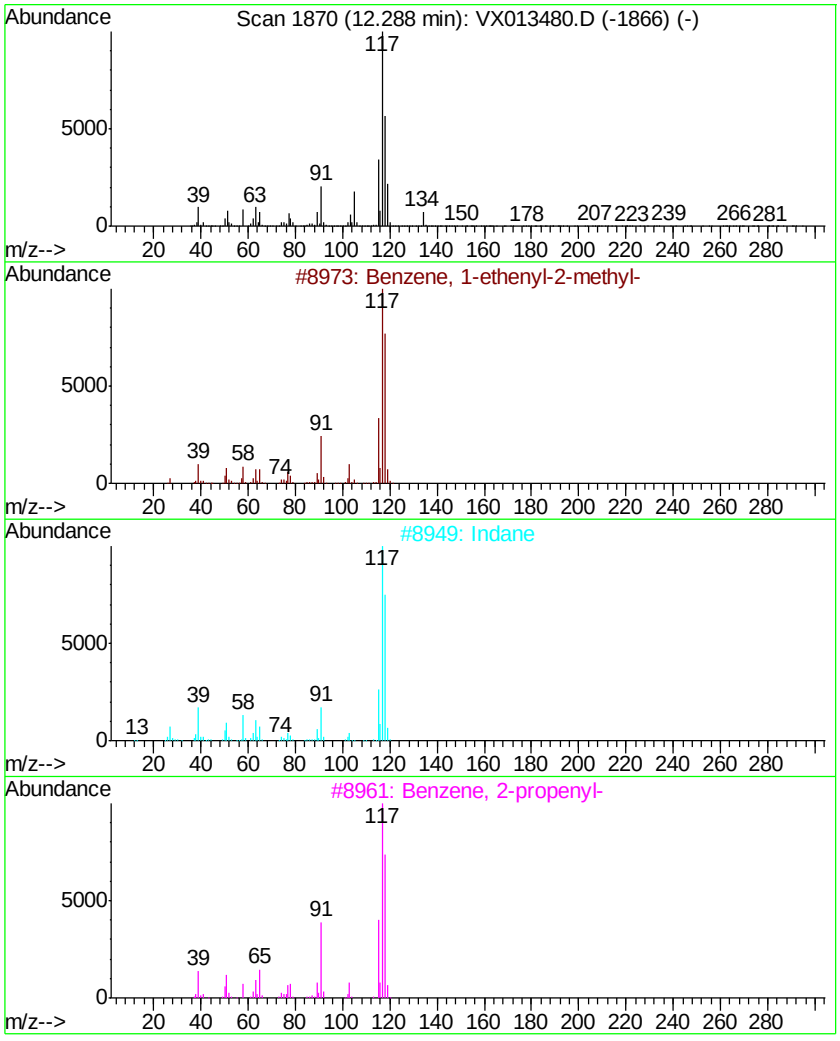
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

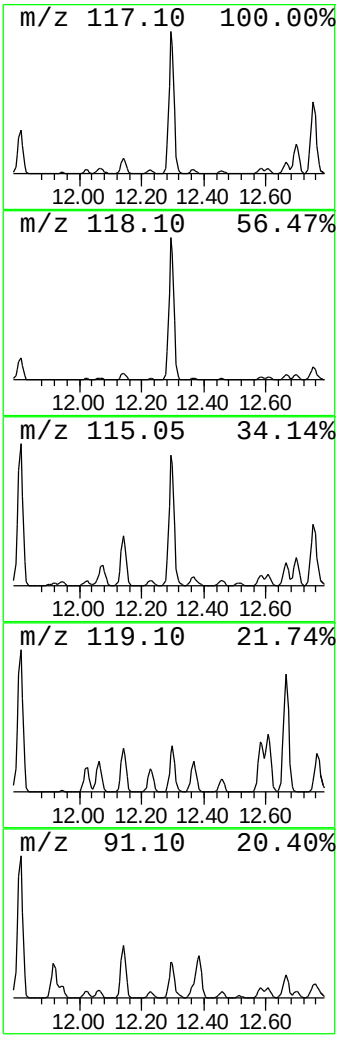
****

Peak Number 4 Benzene, 1-ethenyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	222.20 ug/l	27680200	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2	Indane	118	C9H10	000496-11-7	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

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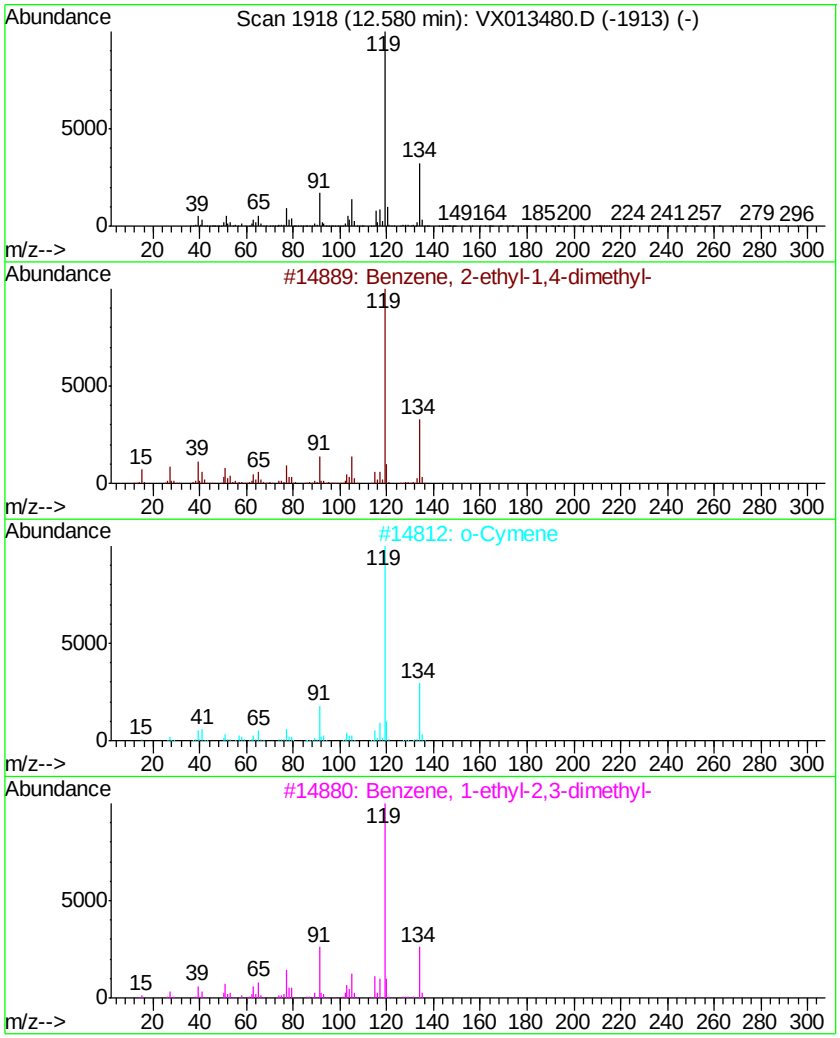
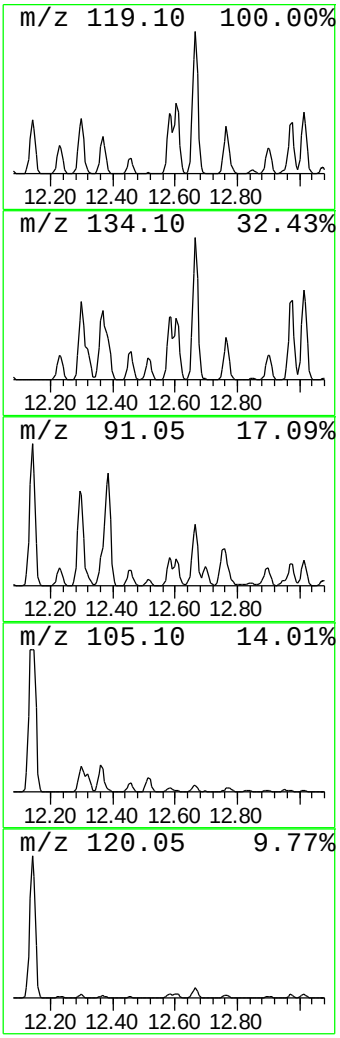
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	49.95 ug/l	6222160	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	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

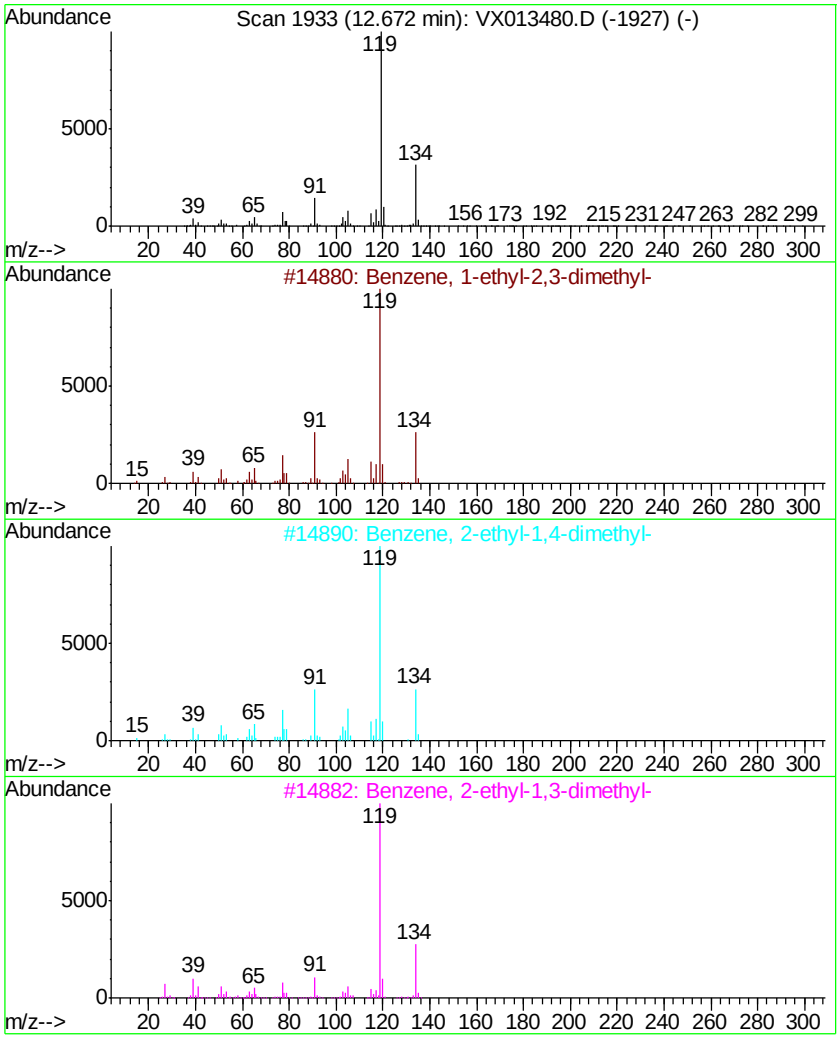
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

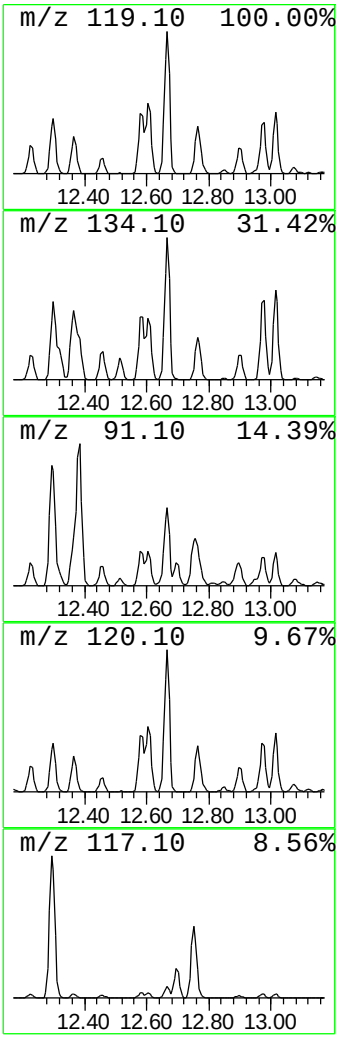
****

Peak Number 6 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	105.00 ug/l	13079900	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	o-Cymene	134	C10H14	000527-84-4	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

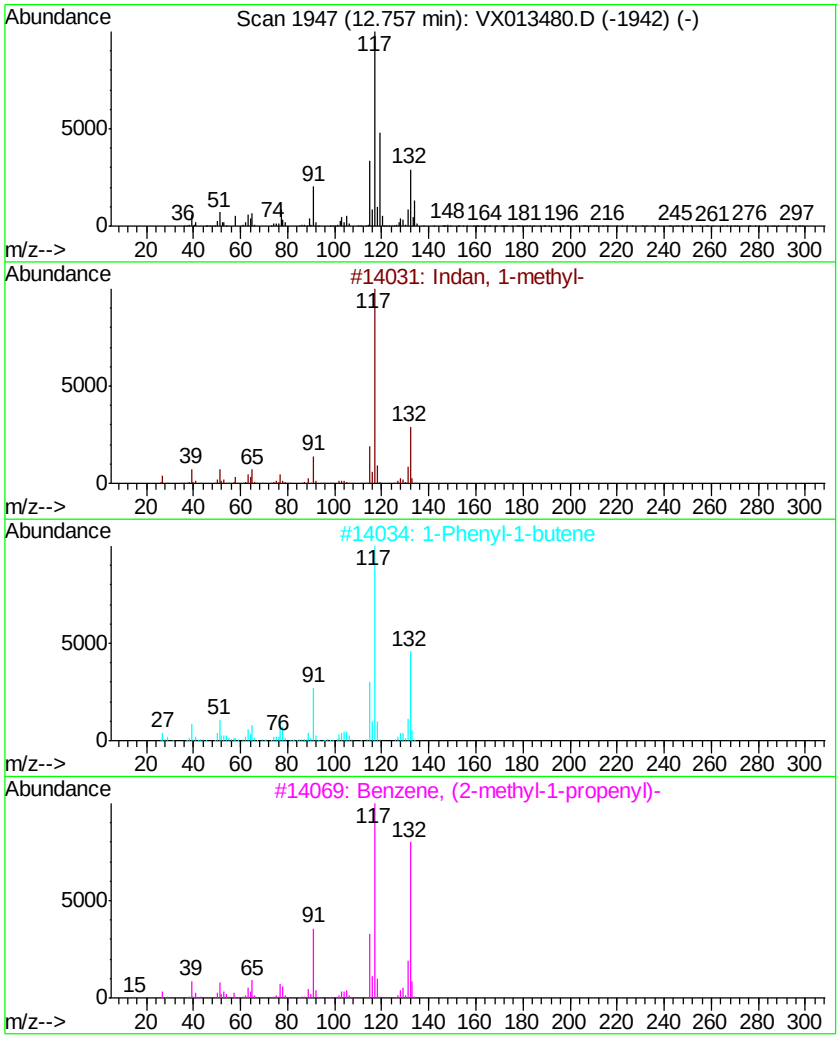
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

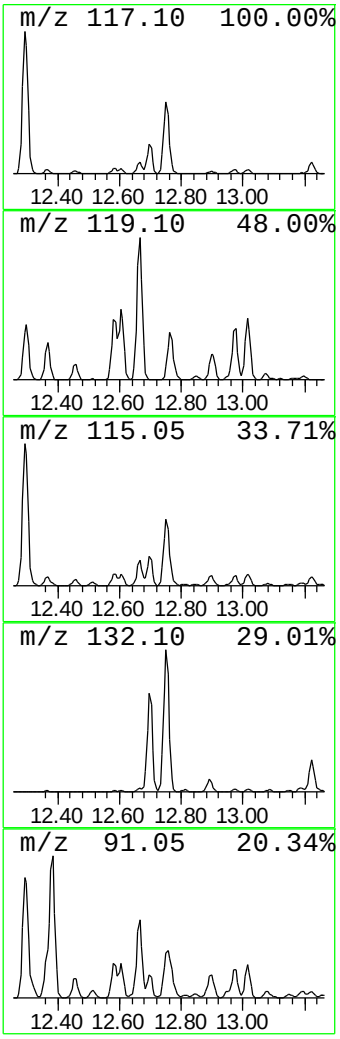
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	105.26 ug/l	13112700	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	92
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
4	Benzene, (2-methylcyclopropyl)-	132	C10H12	1000327-39-0	64
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
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Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

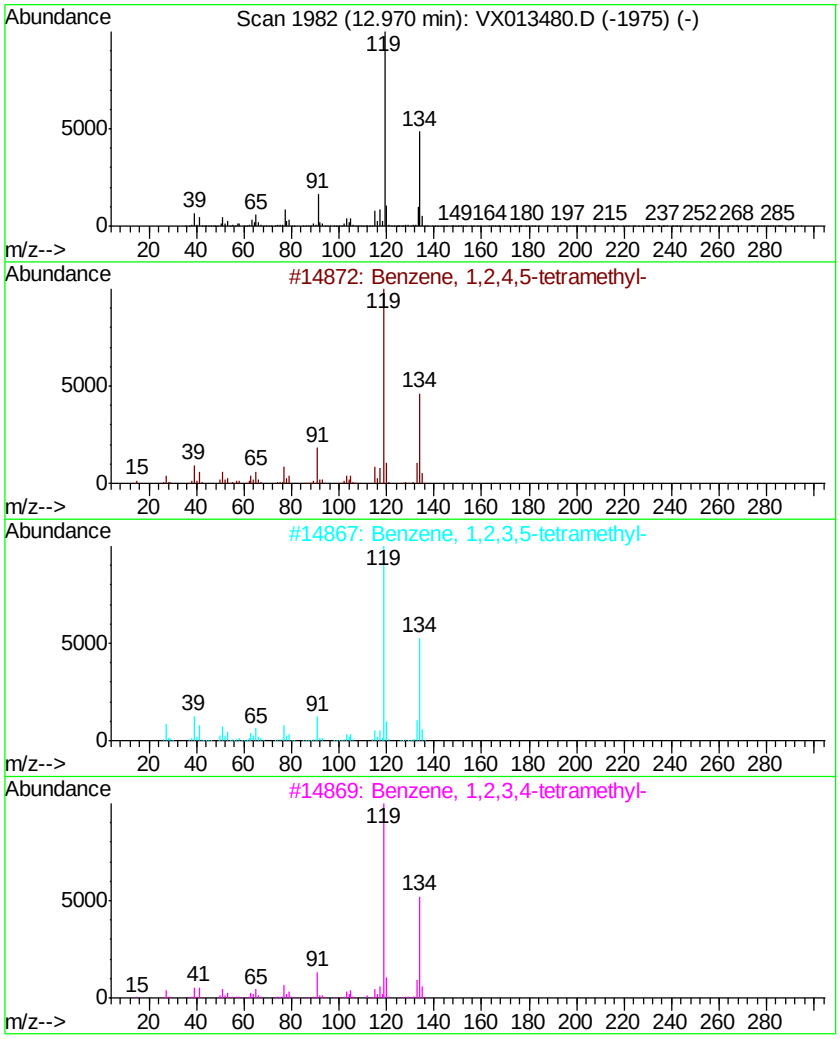
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

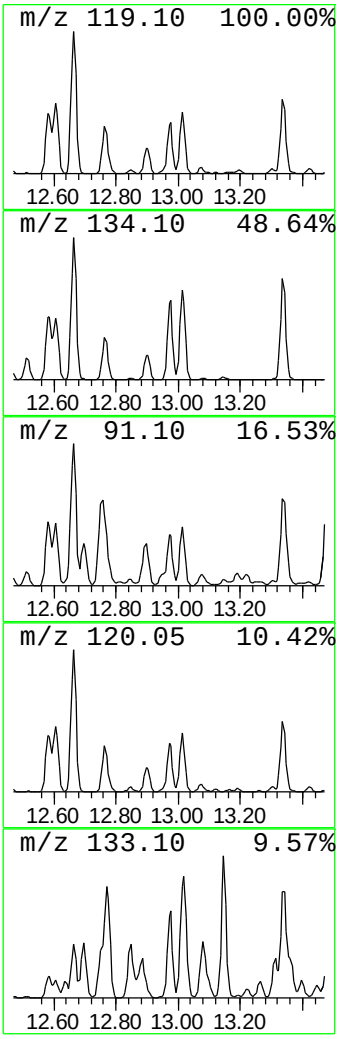
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	49.88 ug/l	6214240	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

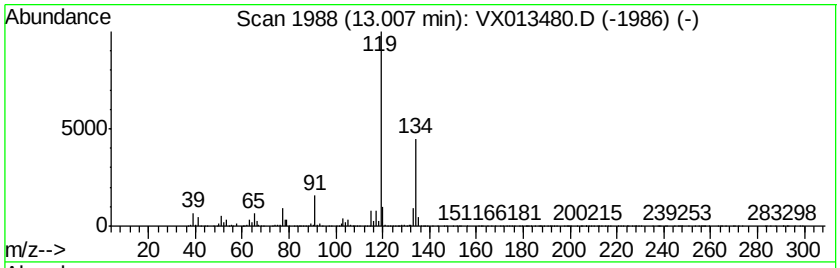
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

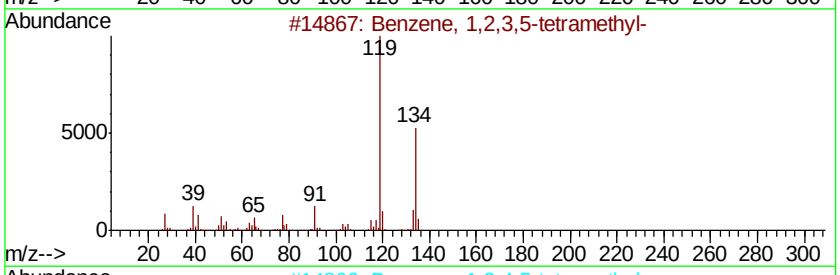
****

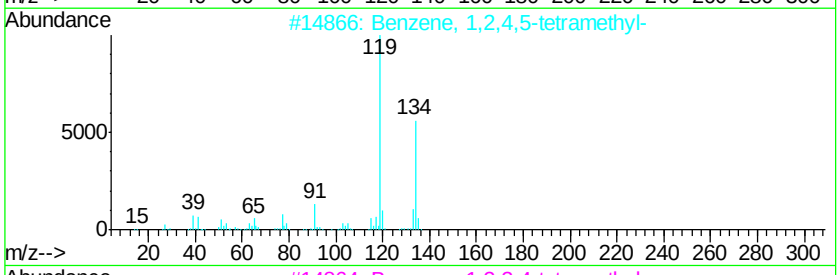
Peak Number 9 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

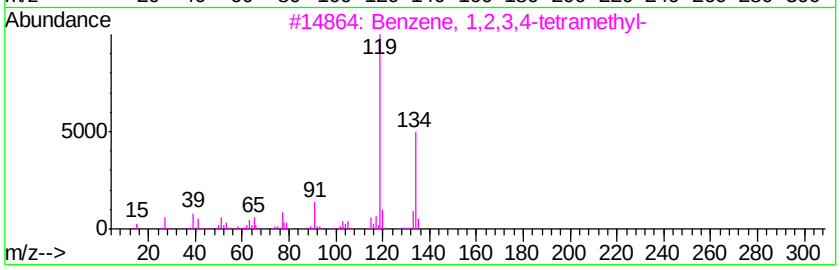
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	48.90 ug/l	6091660	1,4-Dichlorobenzene-d4	12.07

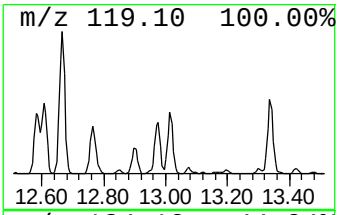
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94

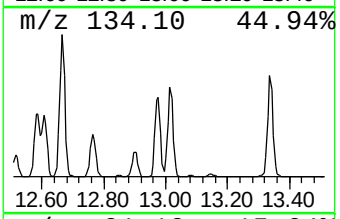


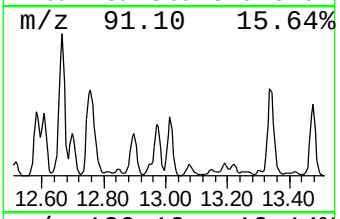


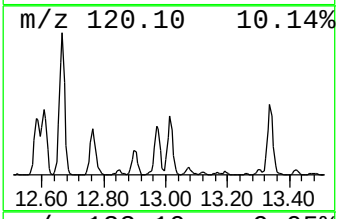


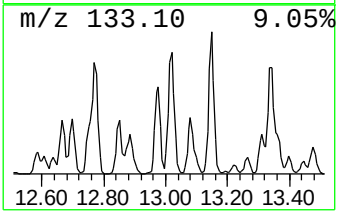












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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

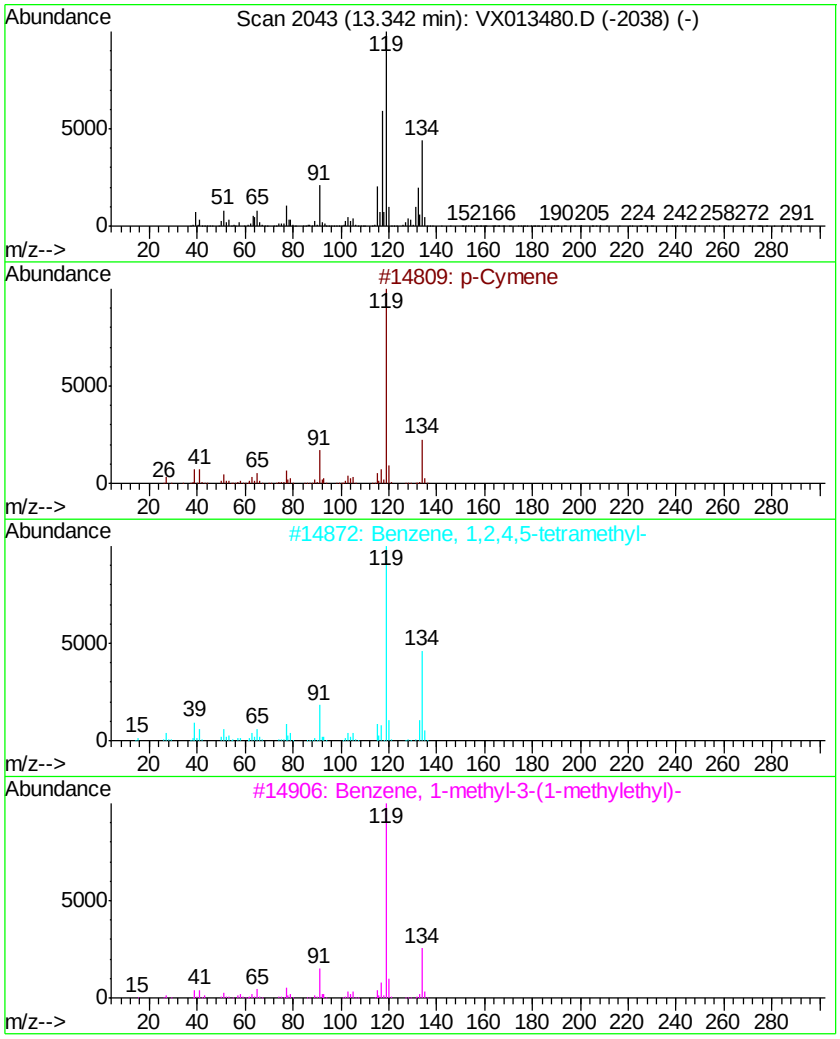
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

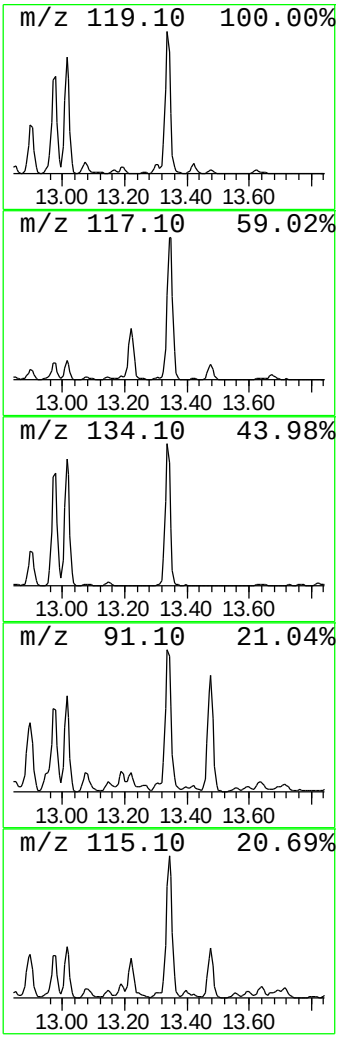
****

Peak Number 10 p-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	88.98 ug/l	11084200	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	60
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	o-Cymene	134	C10H14	000527-84-4	53
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013480.D
Acq On : 20 Nov 2019 16:22
Operator : JC/SP
Sample : K5958-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-3

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
1H-Indene, octahy...	10.83	48.0	ug/l	2898590	3	10.11	3022250	50.0
Benzene, 1,2,4-tr...	12.14	385.6	ug/l	48039600	4	12.07	6228720	50.0
Benzene, 1-etheny...	12.29	222.2	ug/l	27680200	4	12.07	6228720	50.0
Benzene, 2-ethyl-...	12.58	50.0	ug/l	6222160	4	12.07	6228720	50.0
Benzene, 1-ethyl-...	12.67	105.0	ug/l	13079900	4	12.07	6228720	50.0
Indan, 1-methyl-	12.76	105.3	ug/l	13112700	4	12.07	6228720	50.0
Benzene, 1,2,4,5-...	12.97	49.9	ug/l	6214240	4	12.07	6228720	50.0
Benzene, 1,2,3,5-...	13.01	48.9	ug/l	6091660	4	12.07	6228720	50.0
p-Cymene	13.34	89.0	ug/l	11084200	4	12.07	6228720	50.0