LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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	42	rBV	2842090	3443037	3.10%	0.733%
2	5.490	744	755	765	rBV	399271	1164967	1.05%	0.248%
3	5.648	772	781	792	rVB	675268	1844470	1.66%	0.393%
4	6.051	839	847	858	rBV	448550	1164539	1.05%	0.248%
5	6.849	968	978	989	rBV	1095314	2550213	2.30%	0.543%
6	8.709	1278	1283	1291	rVB	2353670	3665161	3.30%	0.780%
7	10.111	1508	1513	1518	rBV	2182503	2981890	2.68%	0.635%
8	10.245	1529	1535	1541	rBV	6850548	9113807	8.20%	1.940%
9	10.355	1544	1553	1559	rBV	7469268	10964728	9.87%	2.334%
10	10.641	1588	1600	1607	rBV3	971153	2470403	2.22%	0.526%
11	10.830	1622	1631	1636	rVB2	2024994	3250134	2.92%	0.692%
12	10.910	1636	1644	1648	rBV3	1783344	2865989	2.58%	0.610%
13	11.013	1656	1661	1666	rBV	13227732	16388372	14.75%	3.488%
14	11.135	1675	1681	1685	rBV	1973419	2506607	2.26%	0.534%
15	11.276	1700	1704	1708	rVB3	1159921	1580229	1.42%	0.336%
16	11.355	1712	1717	1725	rBV	20796501	27030824	24.33%	5.753%
17	11.434	1725	1730	1731	rVV	10752511	14335691	12.90%	3.051%
18	11.452	1731	1733	1737	rVV	13973956	14619282	13.16%	3.112%
19	11.501	1737	1741	1750	rVB	19899918	25381265	22.84%	5.402%
20	11.672	1763	1769	1776	rBV4	1050367	1923461	1.73%	0.409%
21	11.763	1776	1784	1787	rVV	1961196	3074603	2.77%	0.654%
22	11.812	1787	1792	1797	rVV2	81998056	111117370	100.00%	23.651%
23	11.916	1801	1809	1811	rBV	3290479	4680818	4.21%	0.996%
24	11.940	1811	1813	1819	rVV	5946550	7009647	6.31%	1.492%
25	12.019	1819	1826	1830	rVV	2776870	4015735	3.61%	0.855%
26	12.062	1830	1833	1840	rVB2	4300404	7019911	6.32%	1.494%
27	12.141	1840	1846	1851	rBV	34706486	42732842	38.46%	9.096%
28	12.227	1855	1860	1866	rVB	2637880	3294976	2.97%	0.701%
29	12.294	1866	1871	1879	rBV	19983562	29618246	26.65%	6.304%
30	12.367	1879	1883	1891	rVB3	9259397	15946389	14.35%	3.394%
31	12.458	1892	1898	1903	rBV	2754701	3498258	3.15%	0.745%
32	12.513	1903	1907	1913	rVB	1291896	1608604	1.45%	0.342%
33	12.580	1913	1918	1920	rBV	5049869	6294558	5.66%	1.340%
34	12.605	1920	1922	1927	rVV	5344146	6088088	5.48%	1.296%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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	12205481	14379413	12.94%	3.061%
36	12.696	1935	1937	1942	rVV	3697399	4177726	3.76%	0.889%
37	12.751	1942	1946	1954	rVV2	8688499	14281616	12.85%	3.040%
38	12.897	1964	1970	1975	rVB2	3377148	4917002	4.43%	1.047%
39	12.970	1975	1982	1986	rBV	5139589	7226025	6.50%	1.538%
40	13.013	1986	1989	1995	rVB	6890397	8285831	7.46%	1.764%
41	13.074	1995	1999	2005	rBV3	787249	1324574	1.19%	0.282%
42	13.220	2020	2023	2026	rVB	1064984	1163794	1.05%	0.248%
43	13.342	2038	2043	2049	rVB2	8184550	11286070	10.16%	2.402%
44	13.476	2060	2065	2070	rVB	2163926	2702693	2.43%	0.575%
45	13.830	2115	2123	2131	rVB	3653231	4826288	4.34%	1.027%

Sum of corrected areas: 469816146

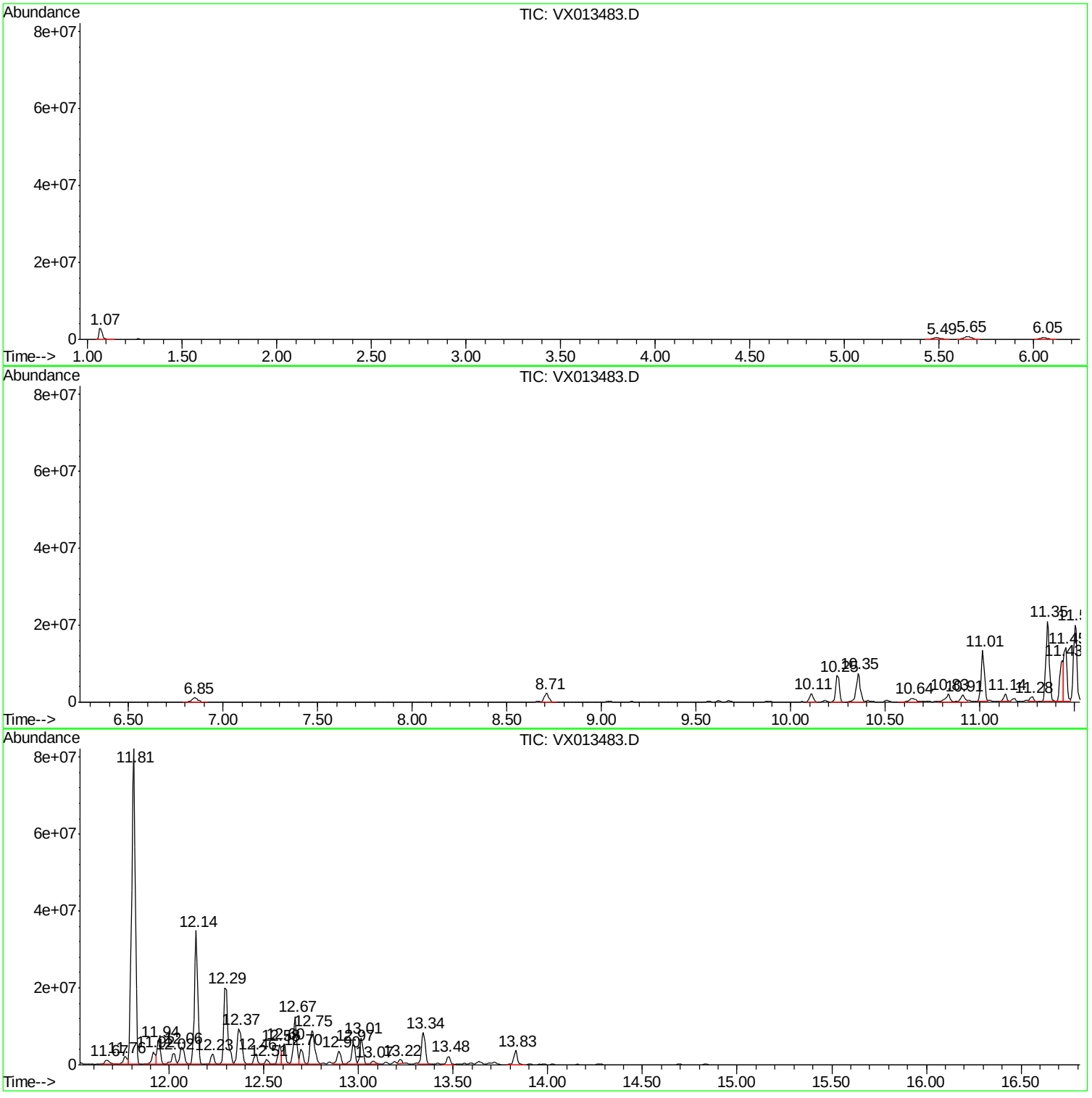
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-111919

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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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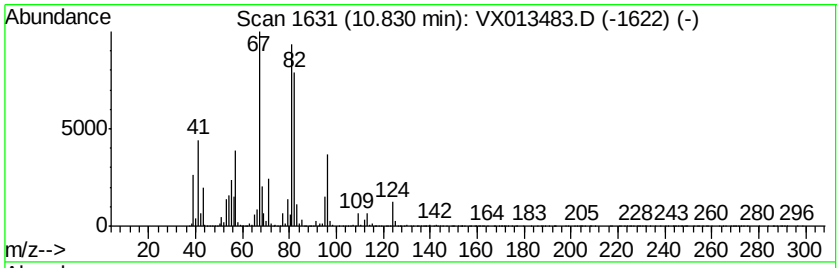
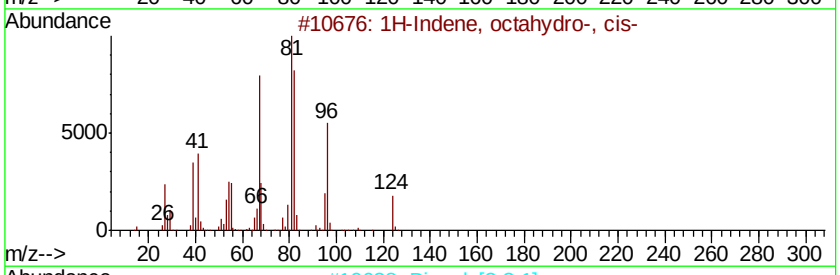
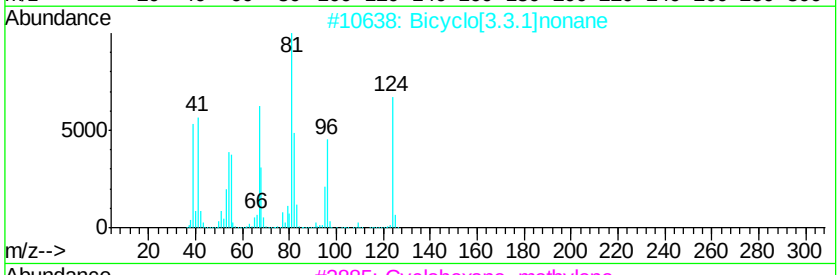
Peak Number 2 1H-Indene, octahydro-, cis- Concentration Rank 9

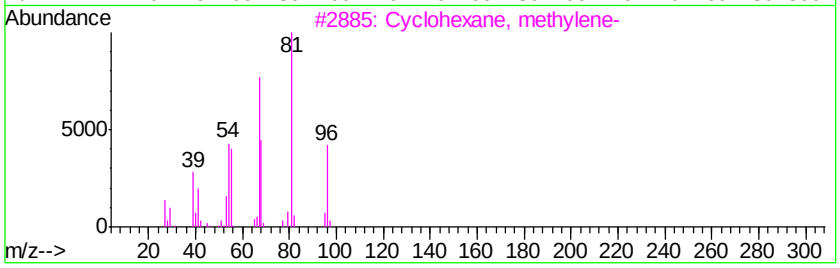
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	54.50 ug/l	3250130	Chlorobenzene-d5	10.11

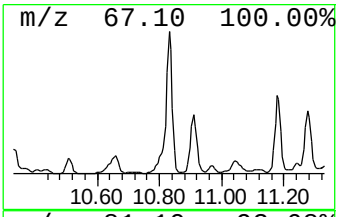
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	95
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	53
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	46
4	1H-Indene, octahydro-, trans-	124	C9H16	003296-50-2	46
5	Butanoic acid, 4-hexenyl ester, ...	170	C10H18O2	069727-41-9	43

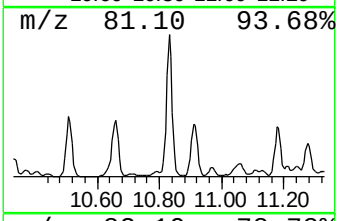


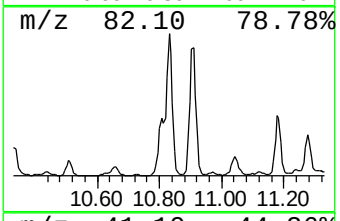


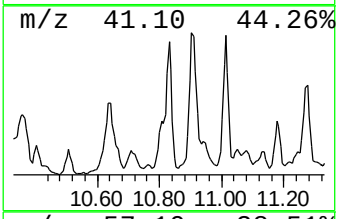


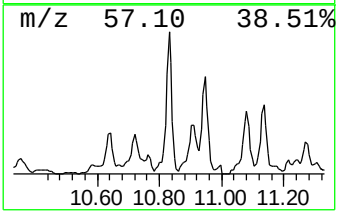












Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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

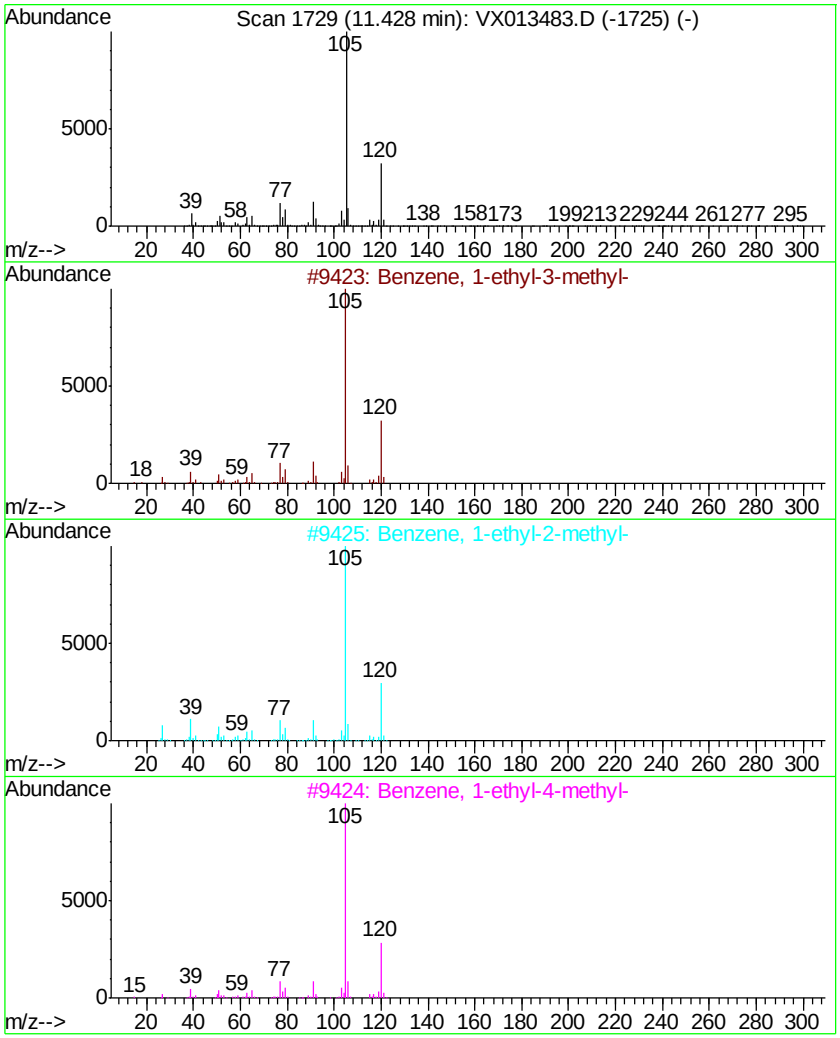
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

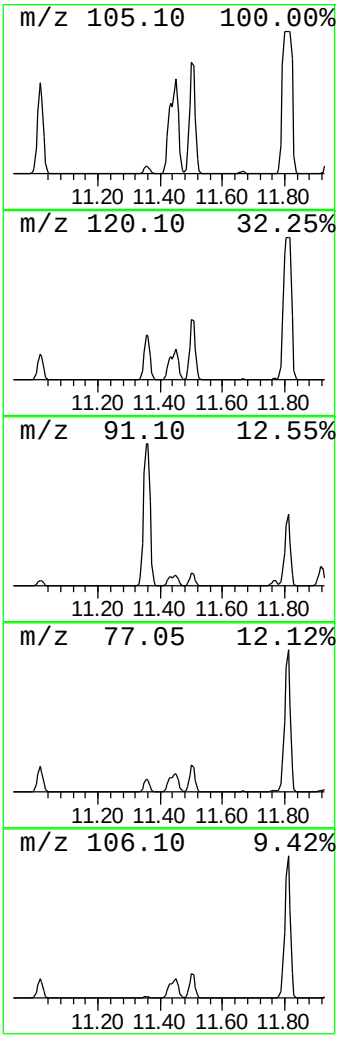
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	102.11 ug/l	14335700	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	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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

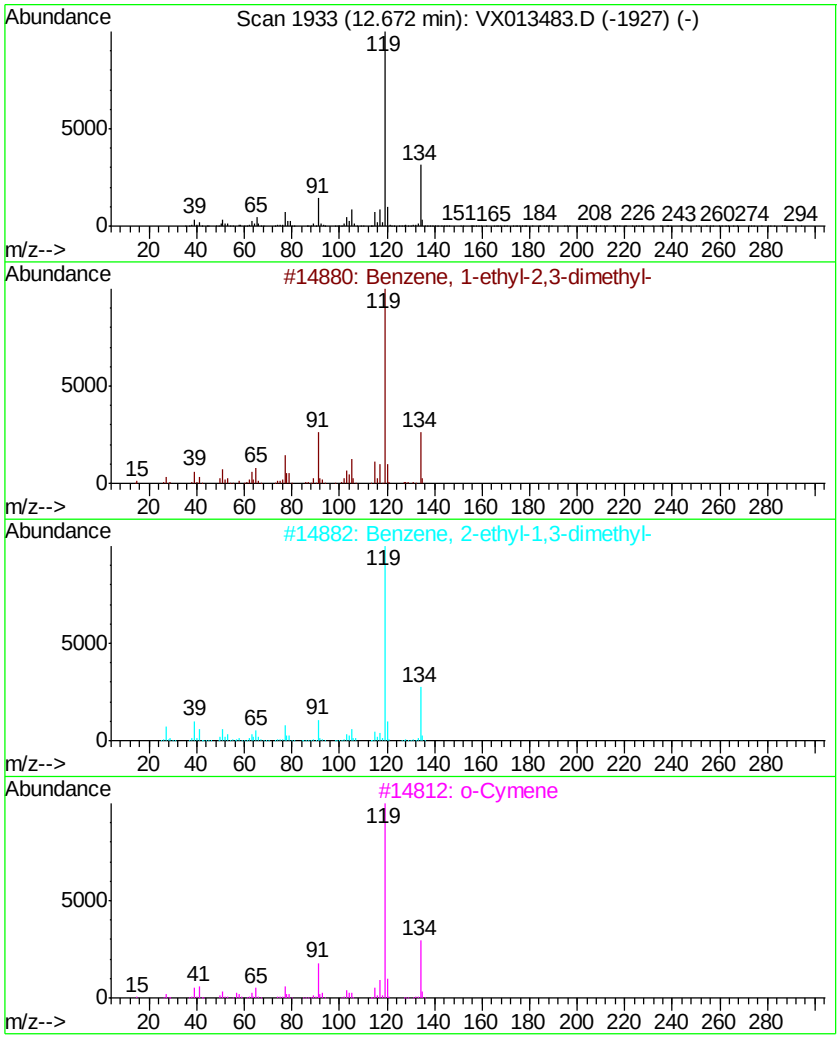
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

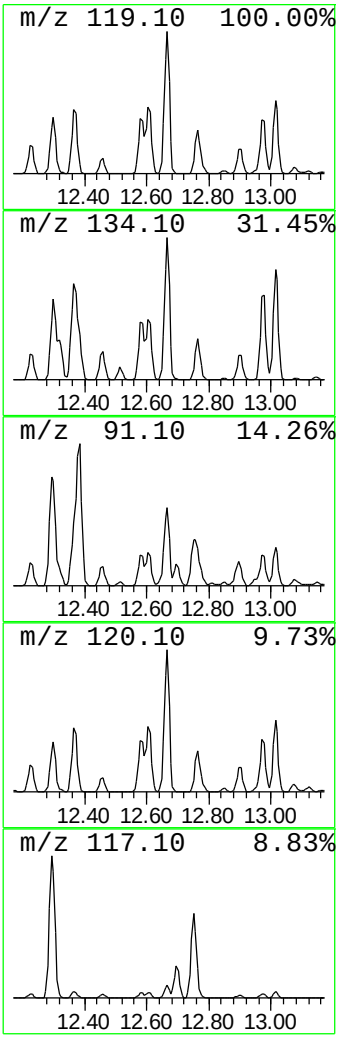
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	102.42 ug/l	14379400	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-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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

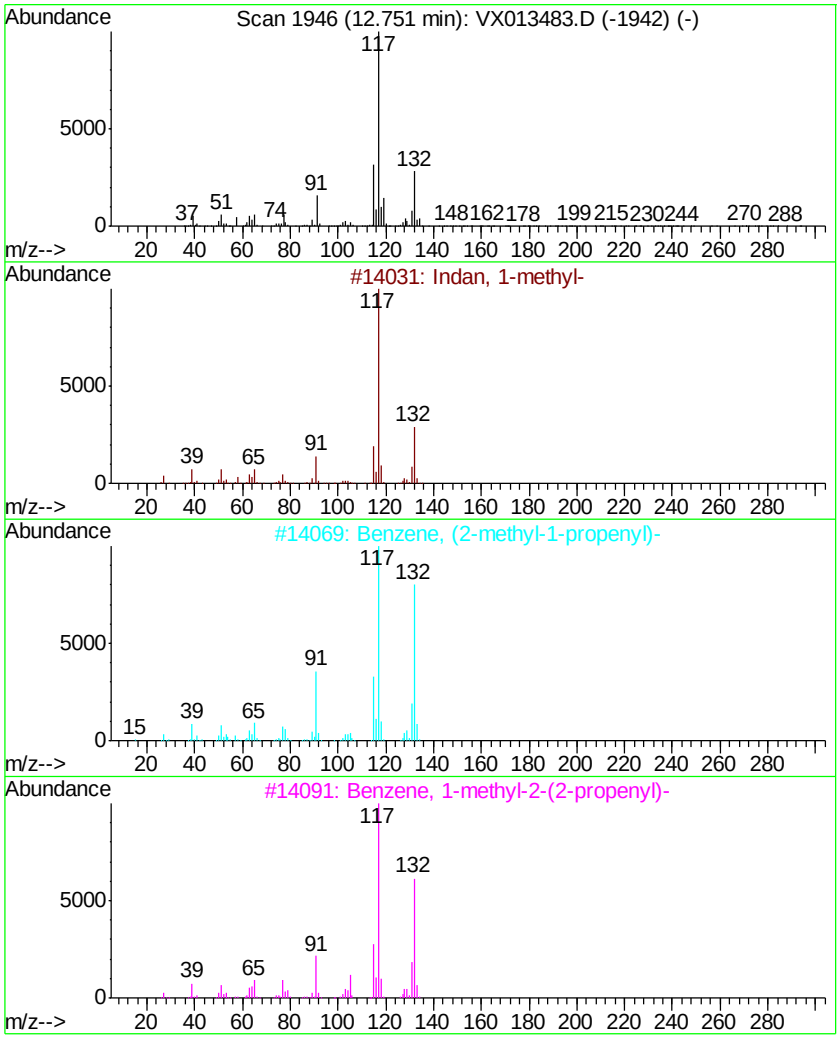
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

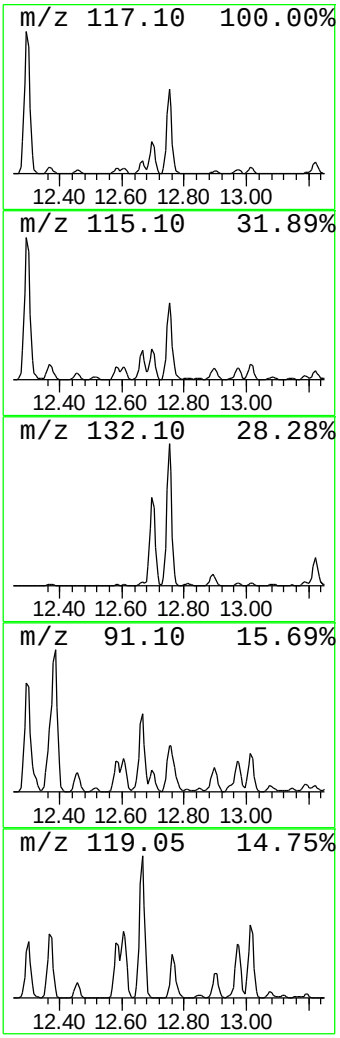
****

Peak Number 7 Indan, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	101.72 ug/l	14281600	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-1-propenyl)-	132	C10H12	000768-49-0	90
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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

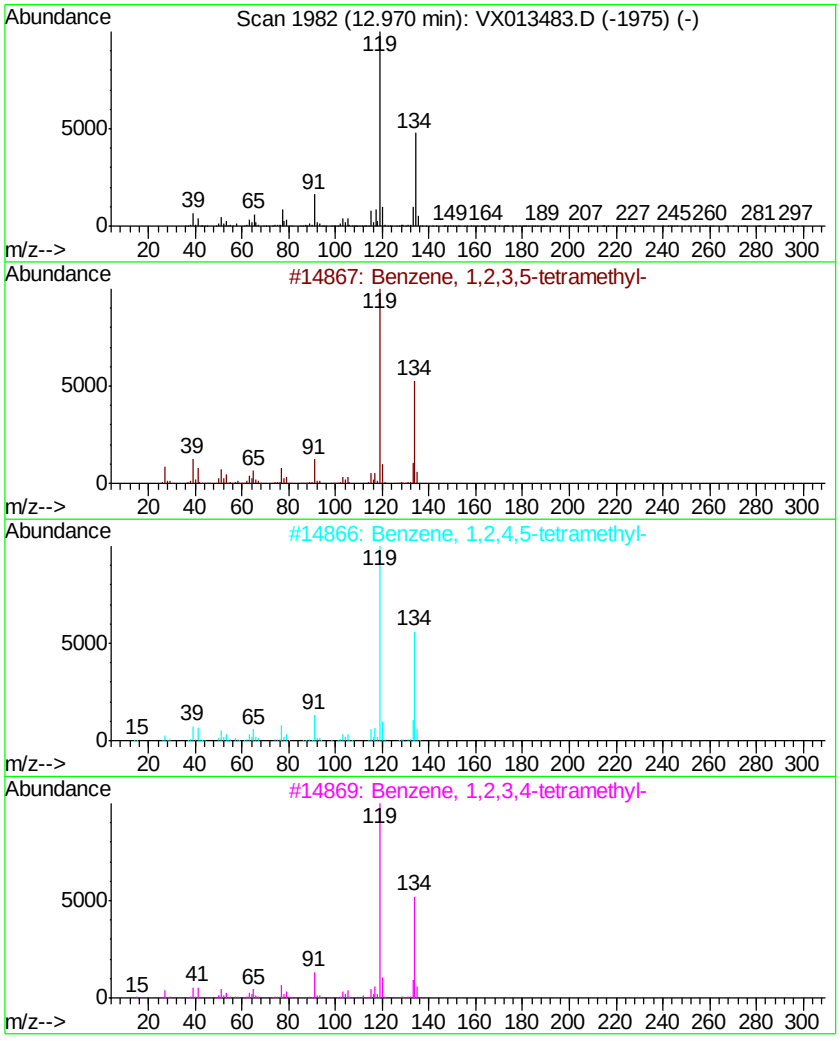
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

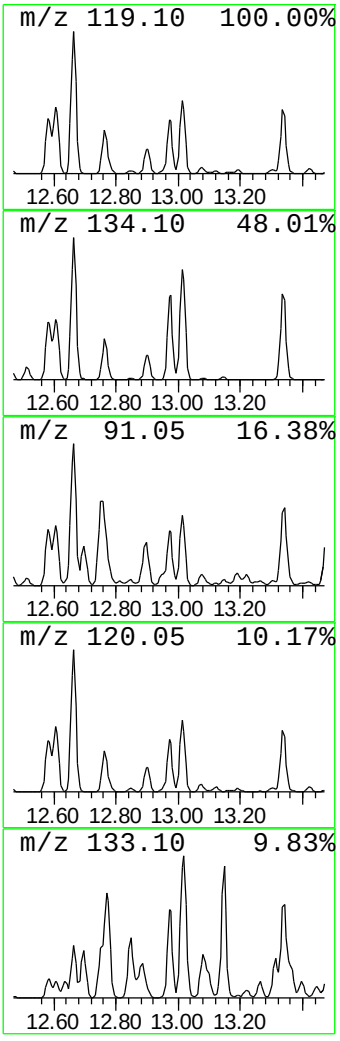
****

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	51.47 ug/l	7226030	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	97
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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

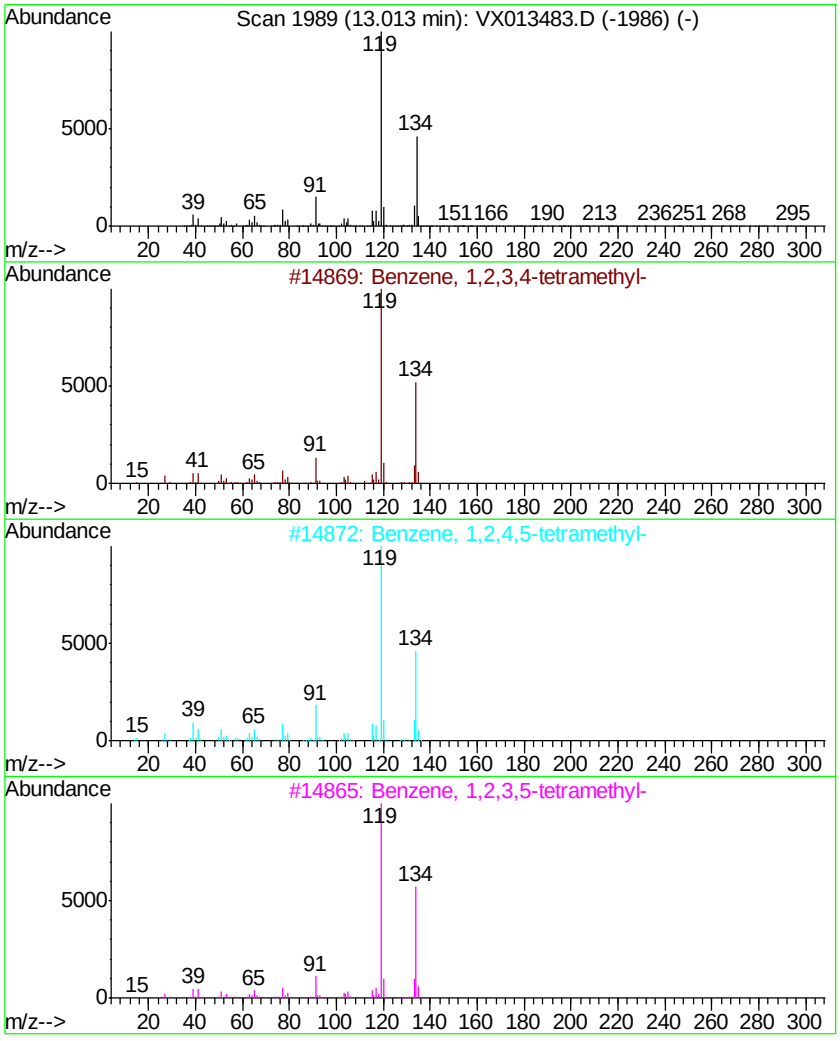
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

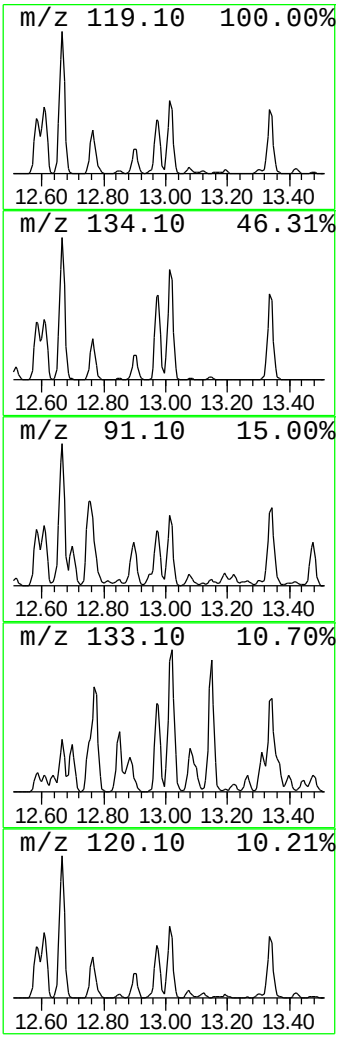
****

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	59.02 ug/l	8285830	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	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112019\
Data File : VX013483.D
Acq On : 20 Nov 2019 17:32
Operator : JC/SP
Sample : K5958-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FD-111919

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	54.5	ug/l	3250130	3	10.11	2981890	50.0
Benzene, 1-ethyl-...	11.43	102.1	ug/l	14335700	4	12.07	7019910	50.0
Benzene, 1-ethyl-...	12.67	102.4	ug/l	14379400	4	12.07	7019910	50.0
Indan, 1-methyl-	12.75	101.7	ug/l	14281600	4	12.07	7019910	50.0
Benzene, 1,2,3,5-...	12.97	51.5	ug/l	7226030	4	12.07	7019910	50.0
Benzene, 1,2,3,4-...	13.01	59.0	ug/l	8285830	4	12.07	7019910	50.0