LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

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\82X010819W.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	5.501	700	713	725	rBV2	301241	867805	7.81%	2.444%
2	5.665	728	740	755	rVB	513435	1431715	12.88%	4.033%
3	6.068	796	806	815	rBV	310219	809040	7.28%	2.279%
4	6.860	927	936	947	rBV	777662	1781419	16.03%	5.018%
5	8.713	1225	1240	1249	rBV	1590490	2547241	22.92%	7.175%
6	10.140	1464	1474	1486	rBV2	6657663	11115439	100.00%	31.308%
7	10.652	1543	1558	1564	rBV5	86971	296457	2.67%	0.835%
8	10.835	1585	1588	1592	rVB	91924	115785	1.04%	0.326%
9	10.914	1592	1601	1609	rBV6	77627	190537	1.71%	0.537%
10	11.018	1613	1618	1621	rBV	122515	160795	1.45%	0.453%
11	11.067	1621	1626	1632	rVB2	111063	178109	1.60%	0.502%
12	11.134	1632	1637	1642	rBV	1435429	1833890	16.50%	5.165%
13	11.183	1642	1645	1648	rVB	114605	132859	1.20%	0.374%
14	11.280	1657	1661	1665	rVB2	105960	140265	1.26%	0.395%
15	11.670	1719	1725	1732	rBV3	153172	265502	2.39%	0.748%
16	11.768	1737	1741	1744	rBV	216755	239252	2.15%	0.674%
17	11.914	1758	1765	1768	rBV3	148209	289468	2.60%	0.815%
18	11.945	1768	1770	1775	rVB	172471	200013	1.80%	0.563%
19	12.079	1787	1792	1797	rBV	1851913	2368907	21.31%	6.672%
20	12.231	1812	1817	1823	rVB	801896	960819	8.64%	2.706%
21	12.298	1823	1828	1834	rBV	855995	1070572	9.63%	3.015%
22	12.365	1835	1839	1847	rVB3	211454	341444	3.07%	0.962%
23	12.463	1847	1855	1859	rBV4	115814	193285	1.74%	0.544%
24	12.664	1884	1888	1891	rBV2	115685	138301	1.24%	0.390%
25	12.701	1891	1894	1899	rVV2	520229	761491	6.85%	2.145%
26	12.755	1899	1903	1910	rVV2	1547324	2499913	22.49%	7.041%
27	12.816	1910	1913	1918	rVB	149752	194991	1.75%	0.549%
28	12.871	1918	1922	1923	rBV2	197836	238118	2.14%	0.671%
29	12.896	1923	1926	1931	rVB	627406	757929	6.82%	2.135%
30	12.957	1931	1936	1937	rBV	209543	258269	2.32%	0.727%
31	12.975	1937	1939	1944	rVV2	242191	290384	2.61%	0.818%
32	13.030	1944	1948	1953	rVV2	82180	136244	1.23%	0.384%
33	13.085	1953	1957	1963	rVB3	225028	323855	2.91%	0.912%
34	13.188	1971	1974	1977	rBV	159130	189423	1.70%	0.534%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

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\82X010819W.M
Title : SW846 8260

35	13.225	1977	1980	1982	rVV	107953	134069	1.21%	0.378%
36	13.249	1982	1984	1989	rVB	133691	149515	1.35%	0.421%
37	13.347	1996	2000	2005	rVV	451172	564169	5.08%	1.589%
38	13.402	2005	2009	2014	rVB2	121308	151883	1.37%	0.428%
39	13.481	2014	2022	2026	rBV3	125855	240406	2.16%	0.677%
40	13.694	2051	2057	2059	rVV2	96504	179118	1.61%	0.505%
41	13.719	2059	2061	2070	rVB3	109891	163035	1.47%	0.459%
42	14.956	2258	2264	2273	rBV	130951	253915	2.28%	0.715%
43	15.395	2330	2336	2354	rBV	158094	347338	3.12%	0.978%

Sum of corrected areas: 35502984

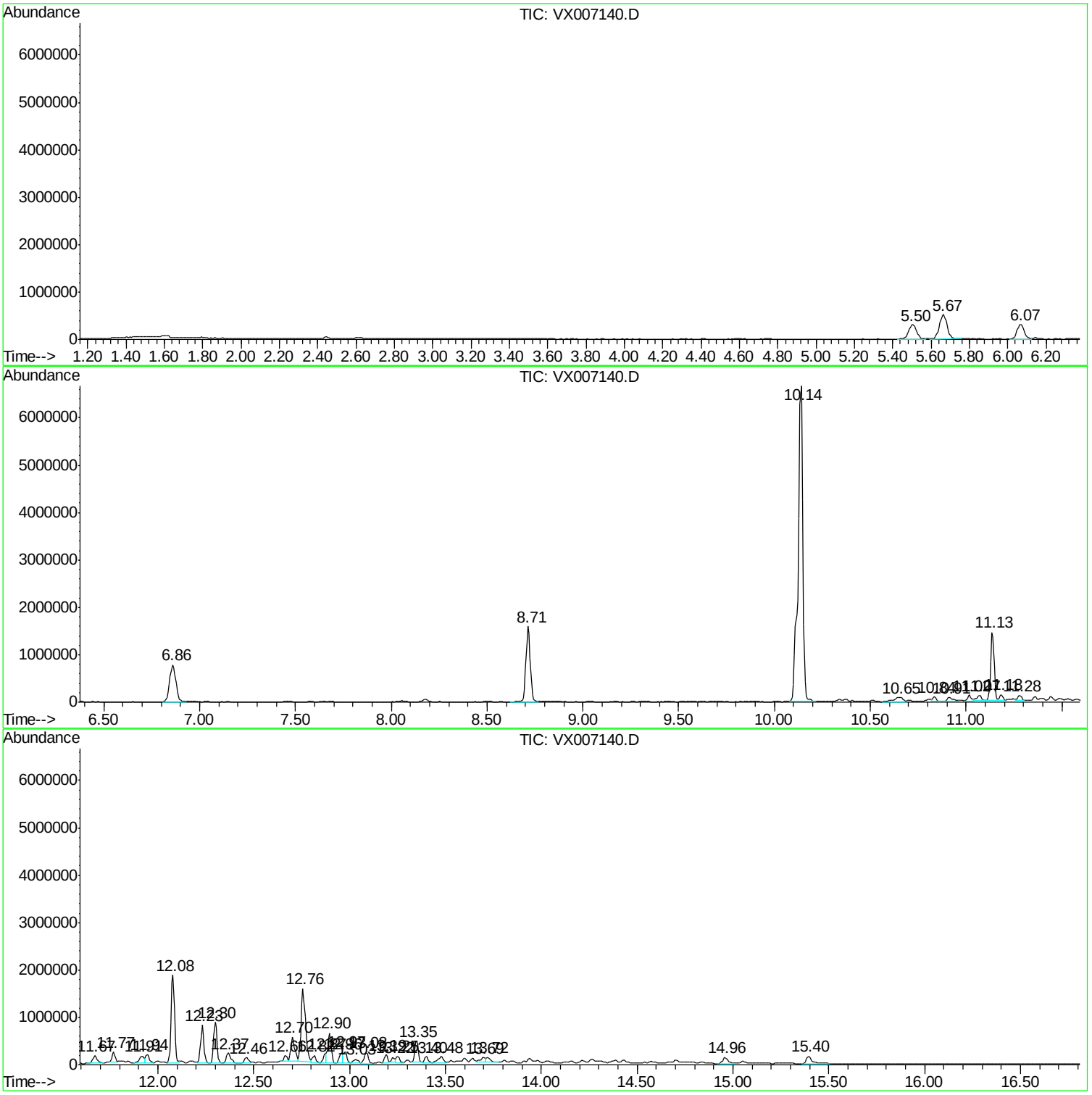
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.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\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

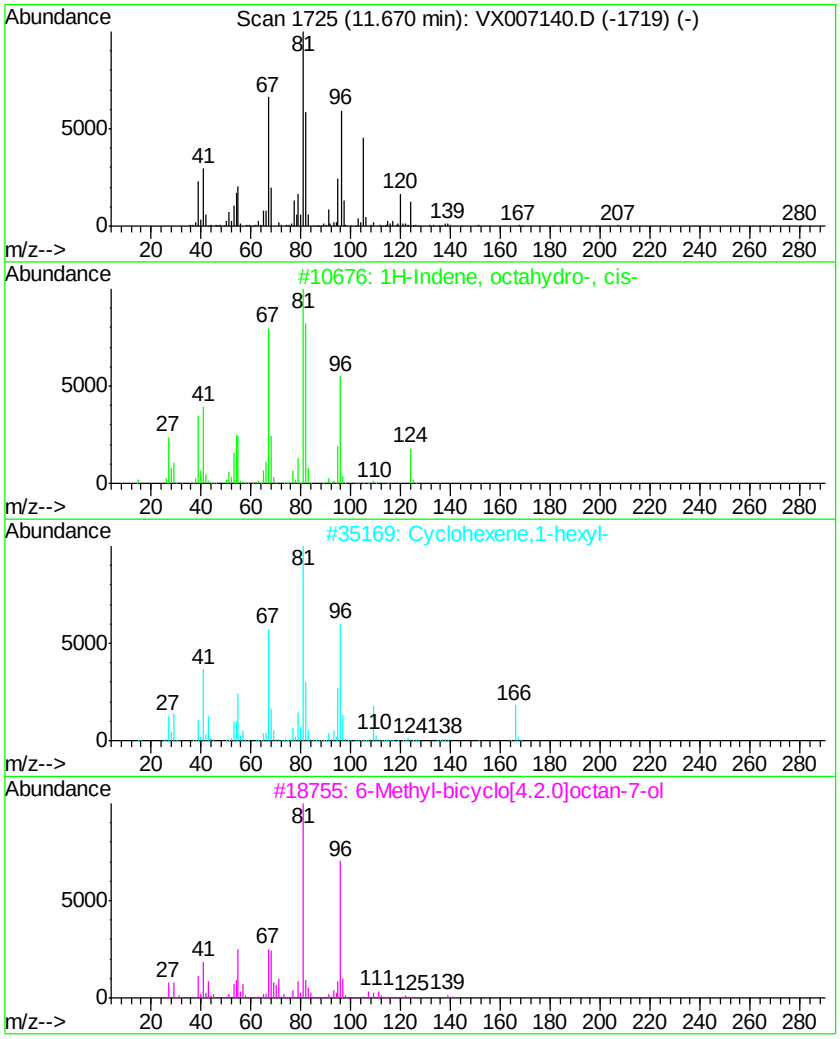
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

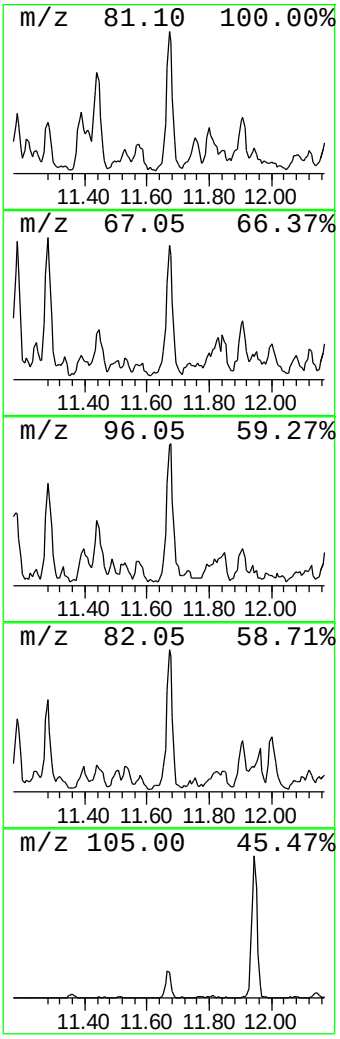
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	5.60 ug/l	265502	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	81
2	Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	64
3	6-Methyl-bicyclo[4.2.0]octan-7-ol	140	C9H16O	1000193-87-3	52
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	49
5	3.alpha.-Methyl-cis-hexahydropht...	154	C9H14O2	058648-38-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

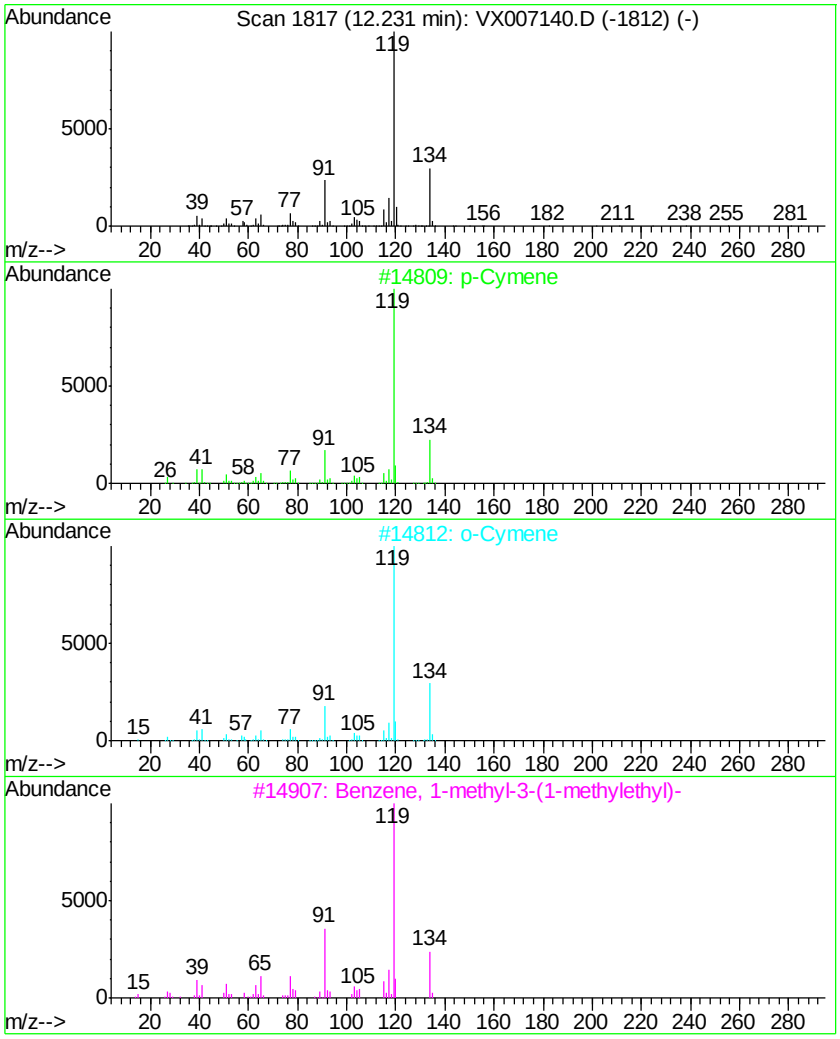
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

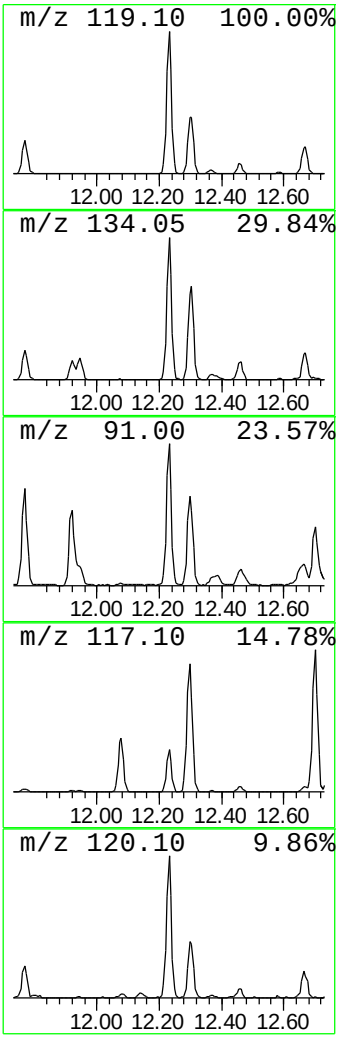
****

Peak Number 2 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	20.28 ug/l	960819	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

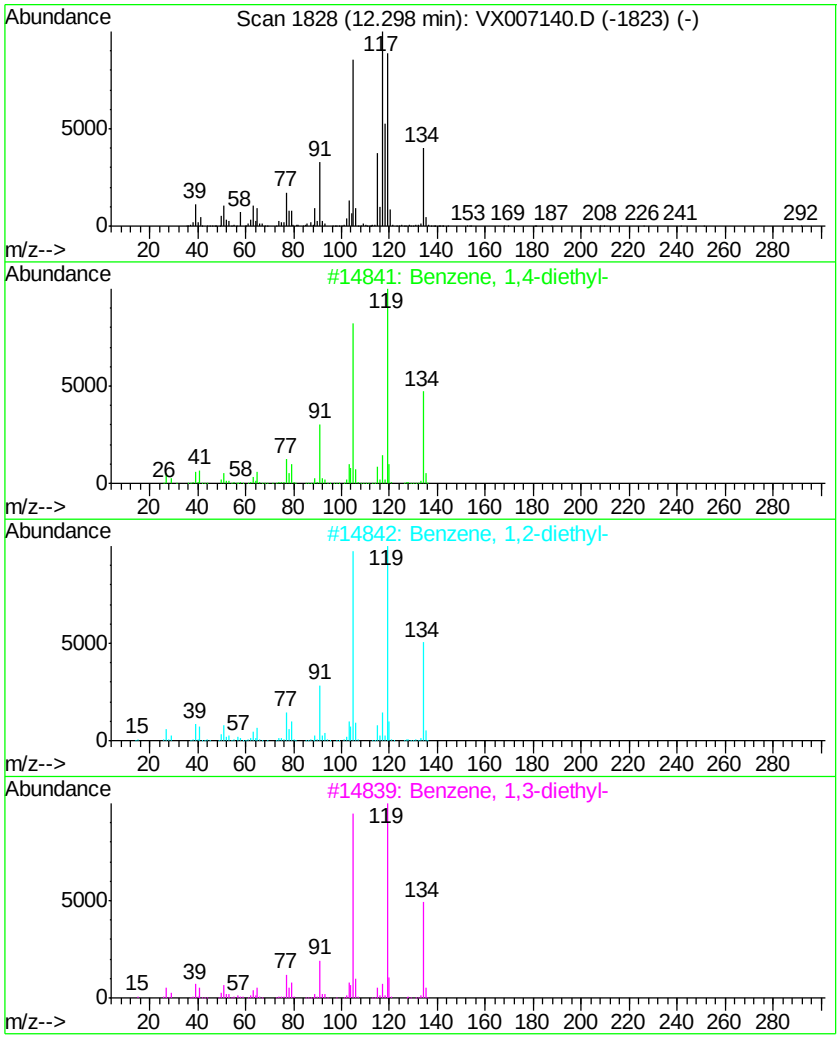
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

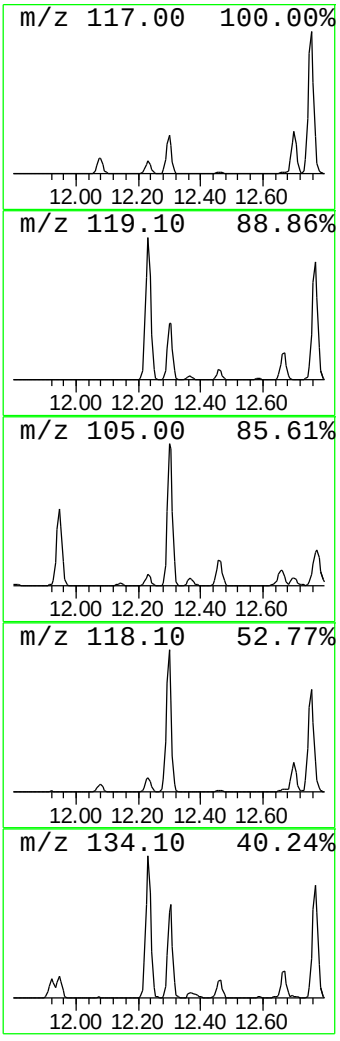
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	22.60 ug/l	1070570	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
4	Deltacyclene	118	C9H10	007785-10-6	46
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

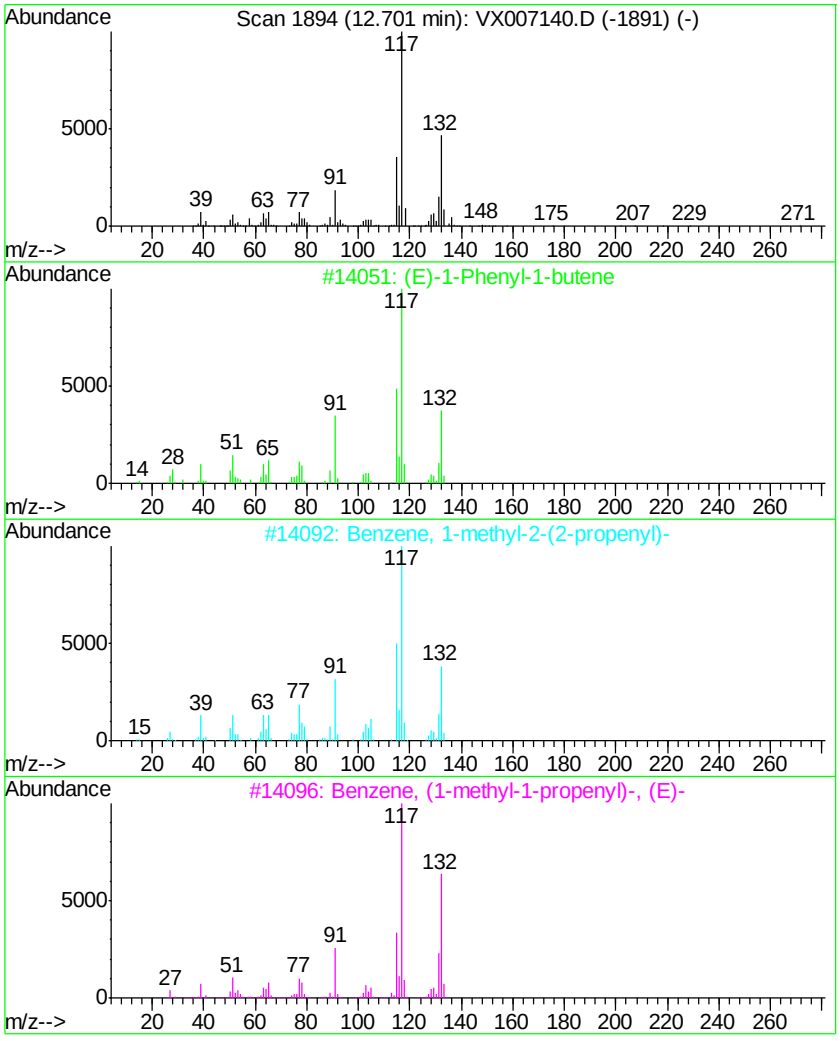
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

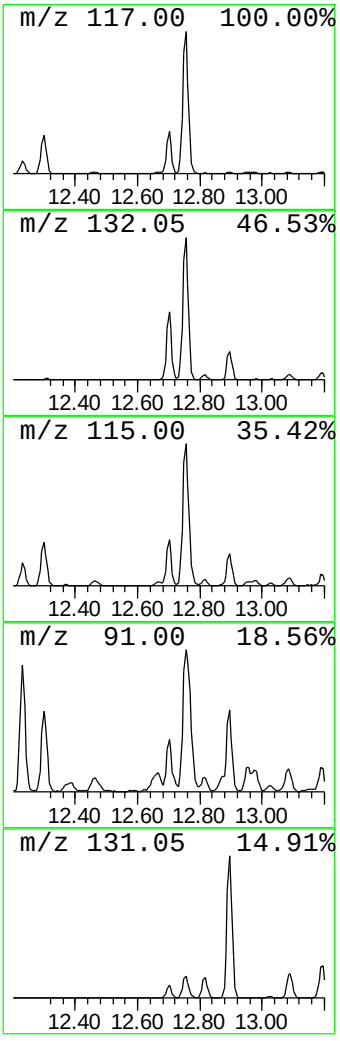
****

Peak Number 4 (E)-1-Phenyl-1-butene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	16.07 ug/l	761491	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	95
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	94
3	Benzene, (1-methyl-1-propenyl)-, ...	132	C10H12	000768-00-3	91
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

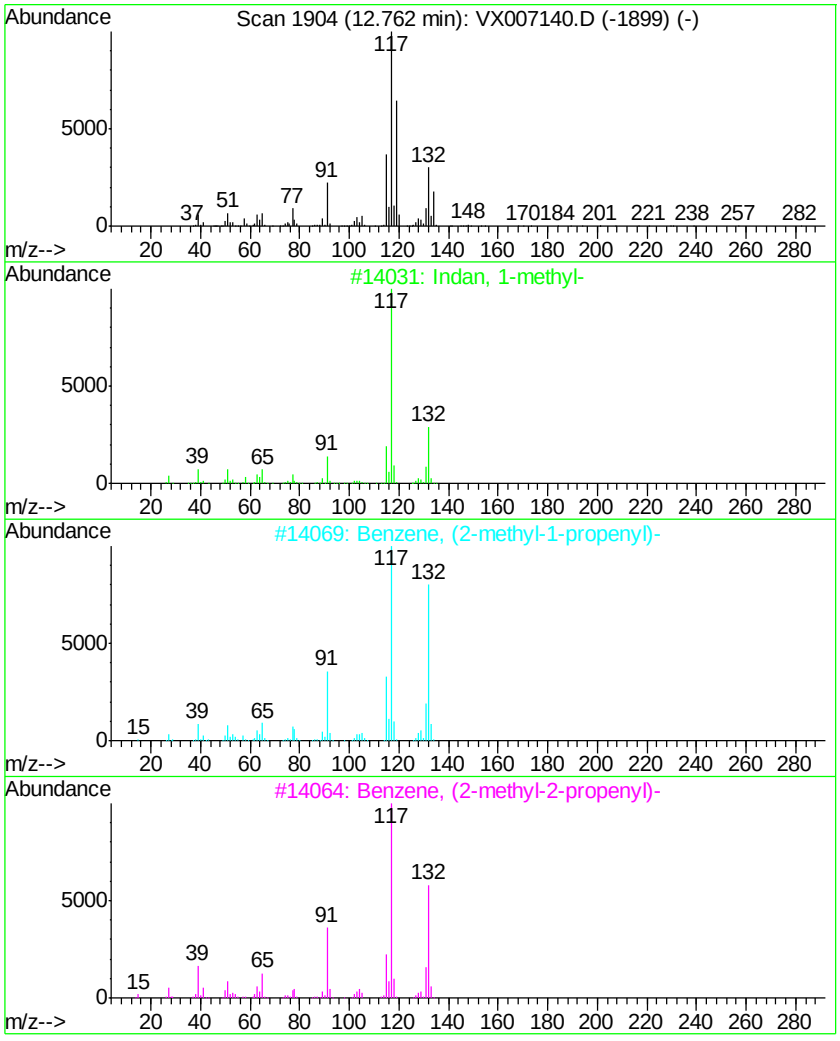
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

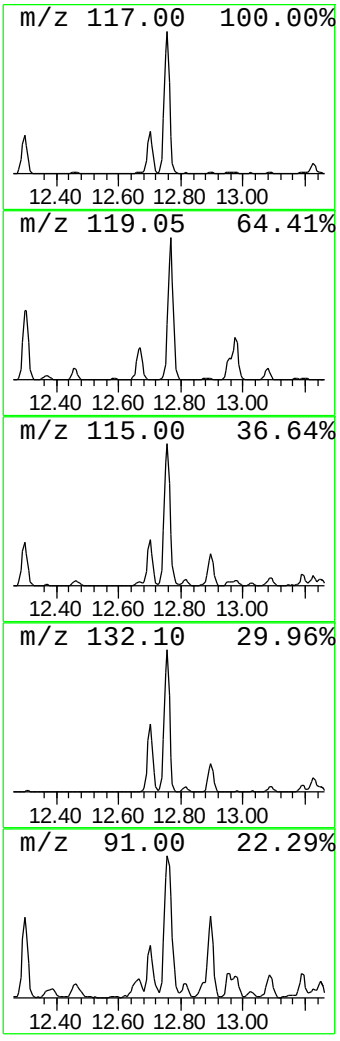
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	52.77 ug/l	2499910	1,4-Dichlorobenzene-d4	12.08

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	83
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	80
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	74
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

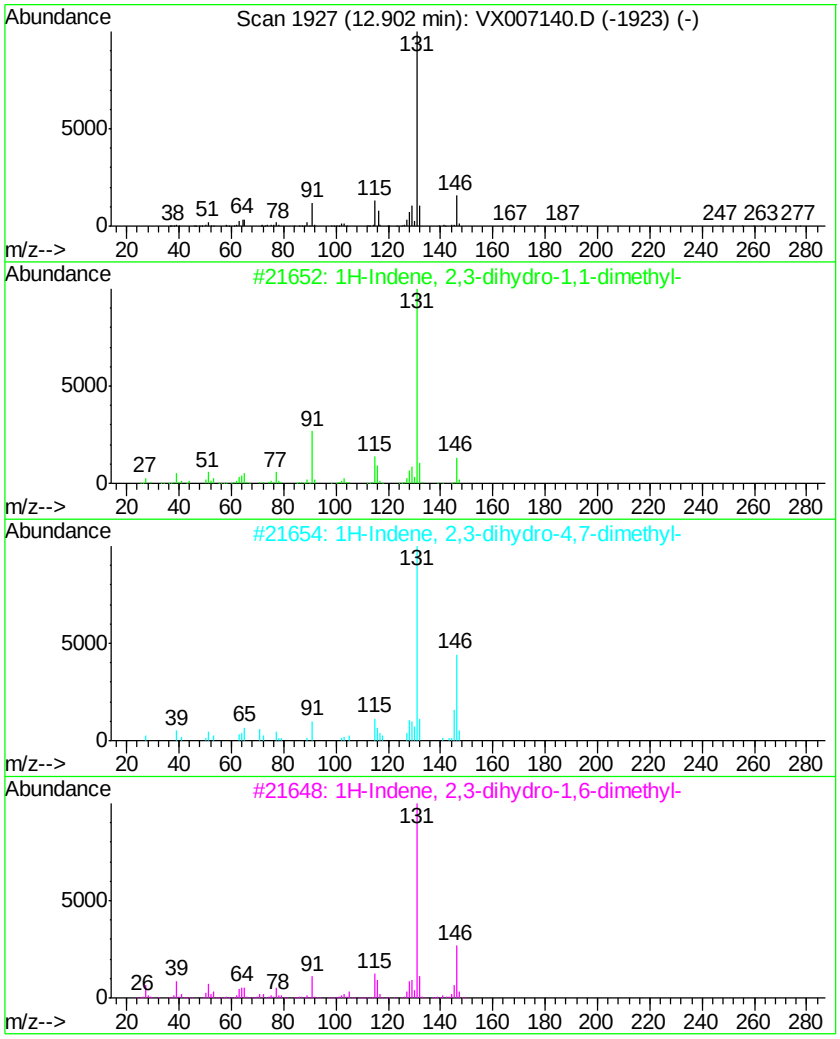
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

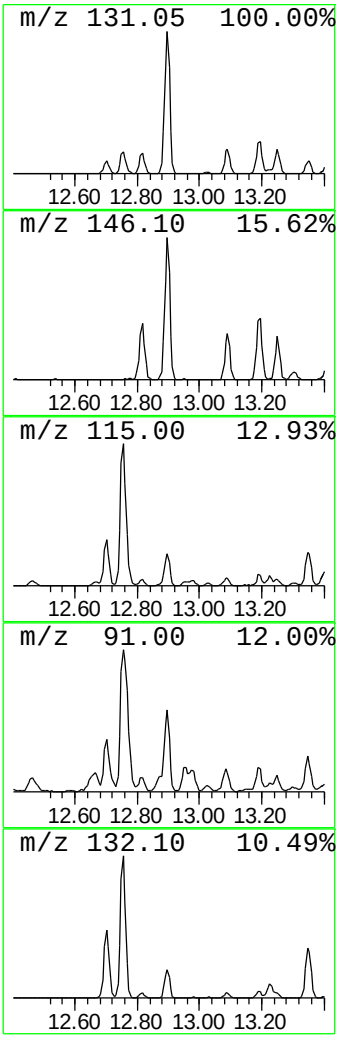
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	16.00 ug/l	757929	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

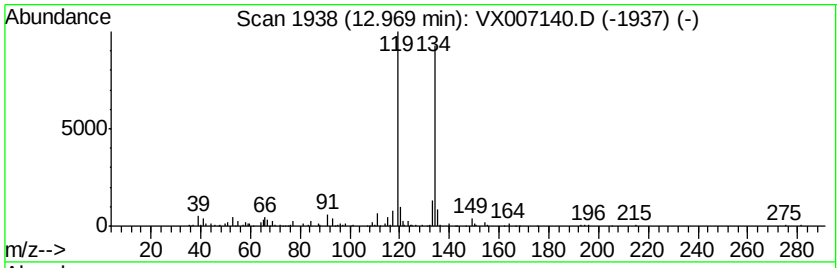
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

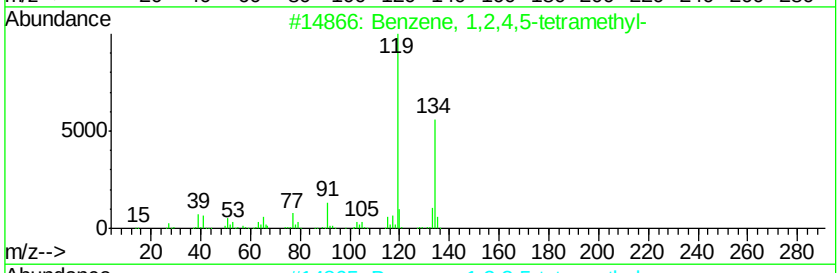
****

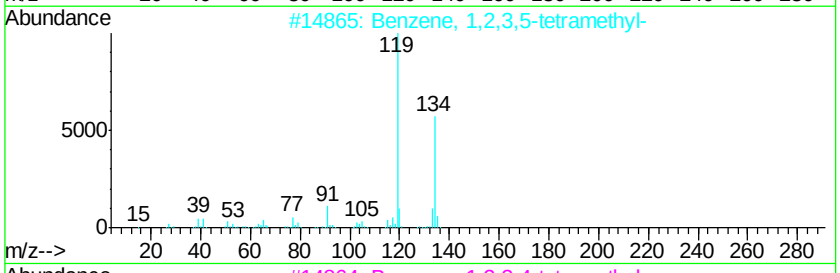
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

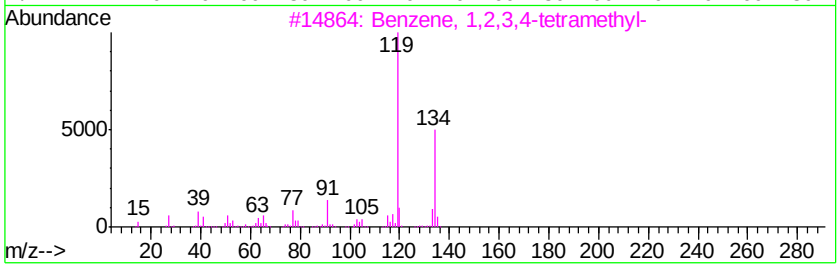
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	6.13 ug/l	290384	1,4-Dichlorobenzene-d4	12.08

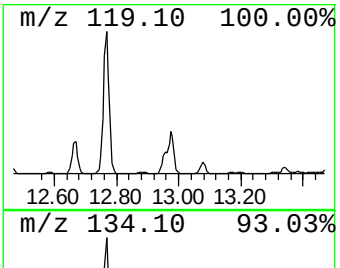
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	86
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5	p-Isopropenylphenol	134	C9H10O	004286-23-1	78

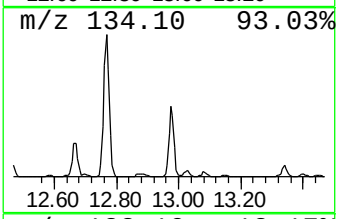


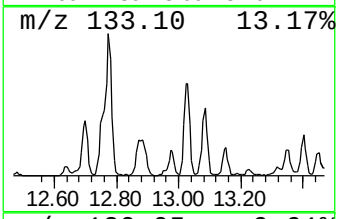


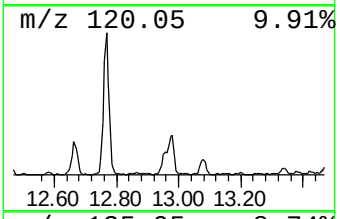


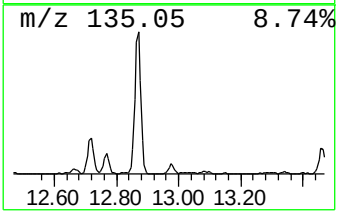












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

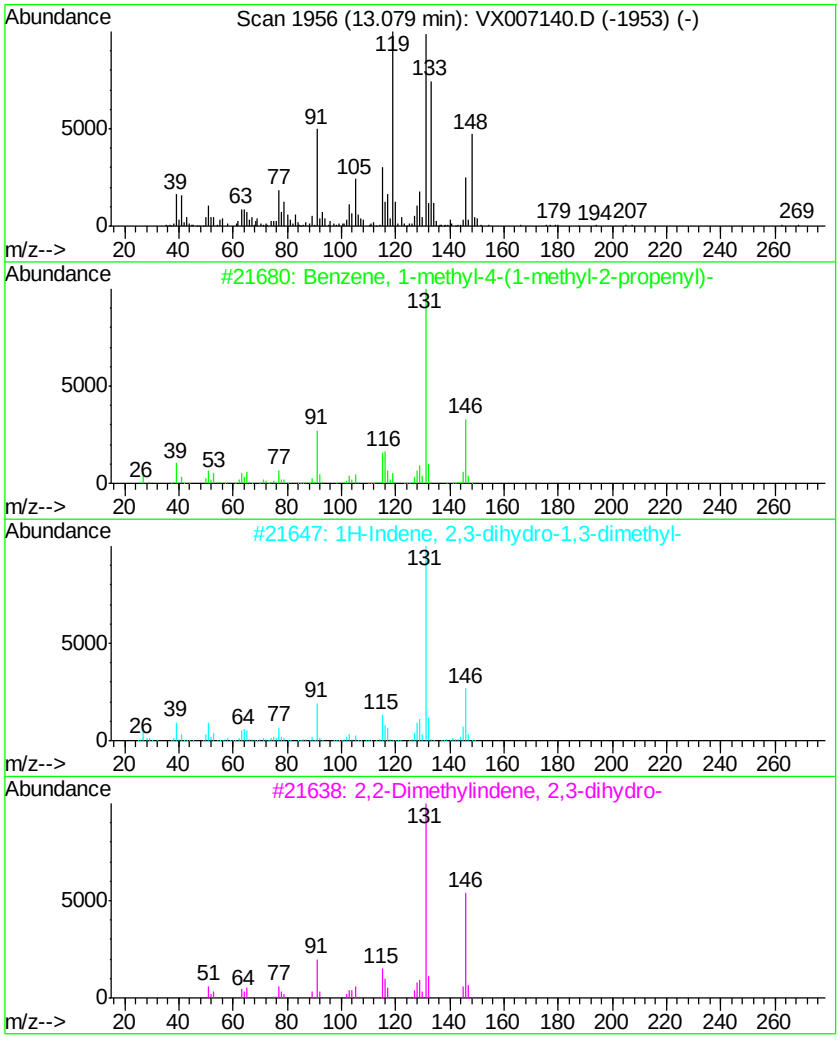
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

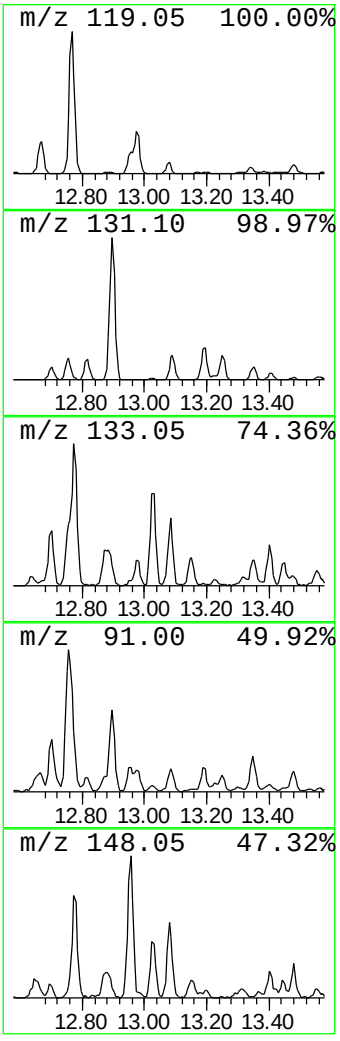
****

Peak Number 8 Benzene, 1-methyl-4-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	6.84 ug/l	323855	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	83
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

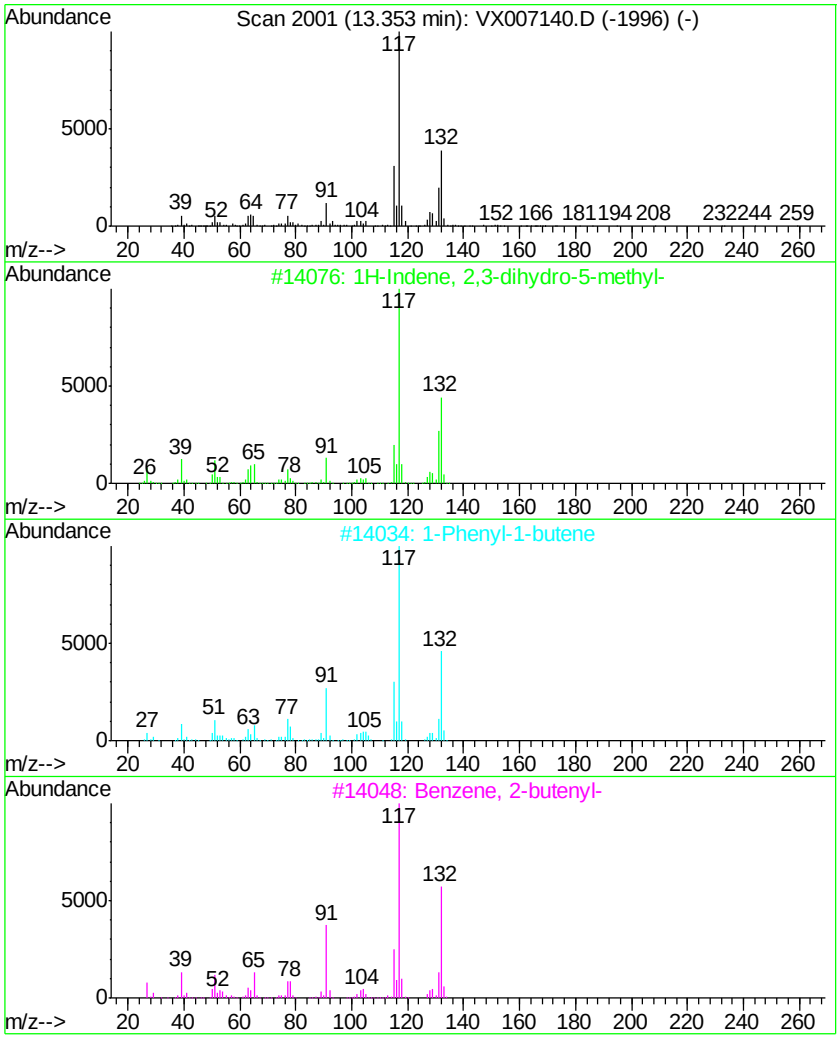
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

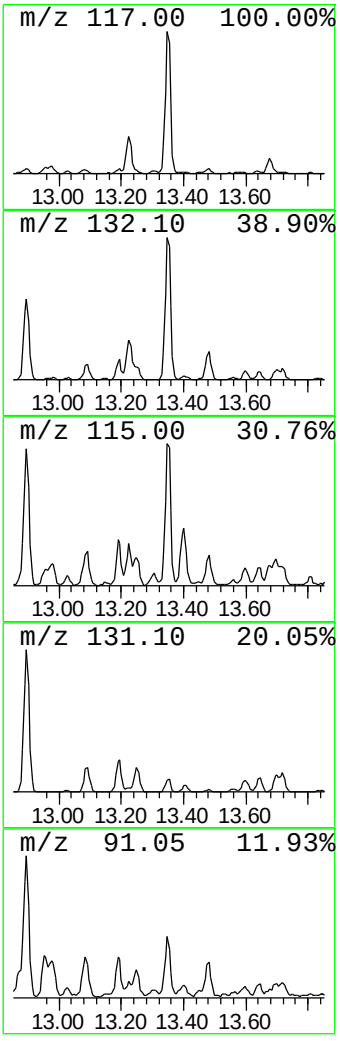
****

Peak Number 9 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	11.91 ug/l	564169	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260

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

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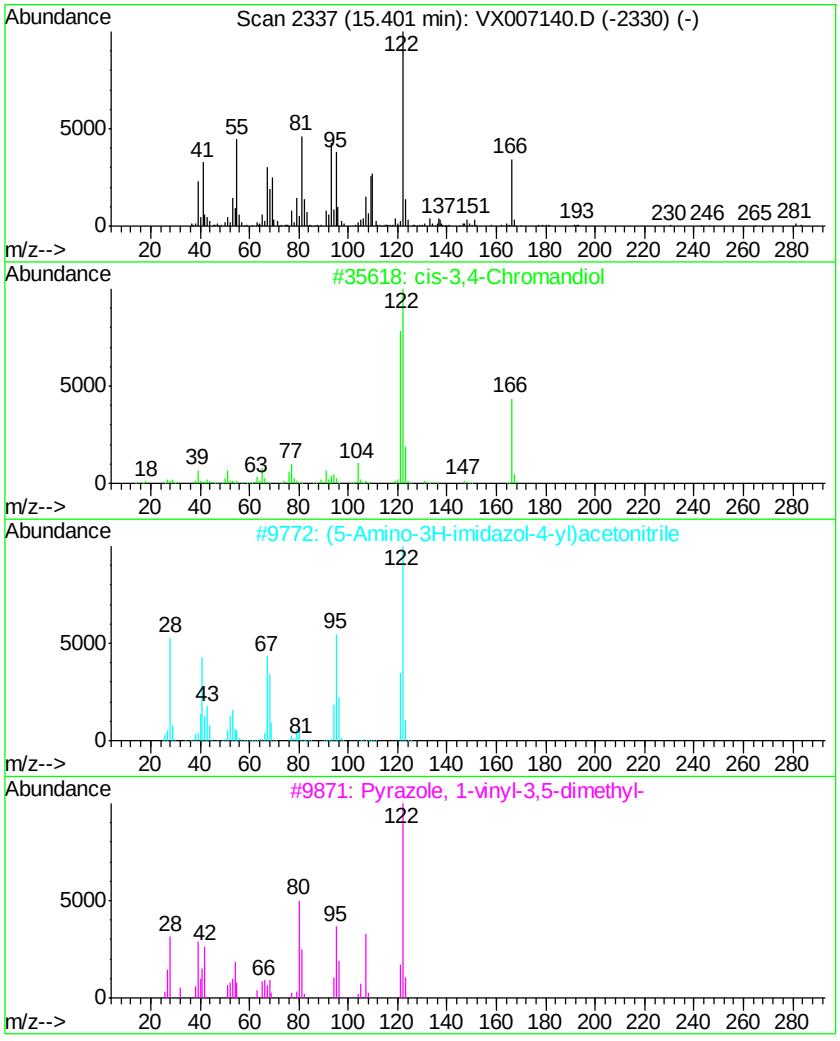
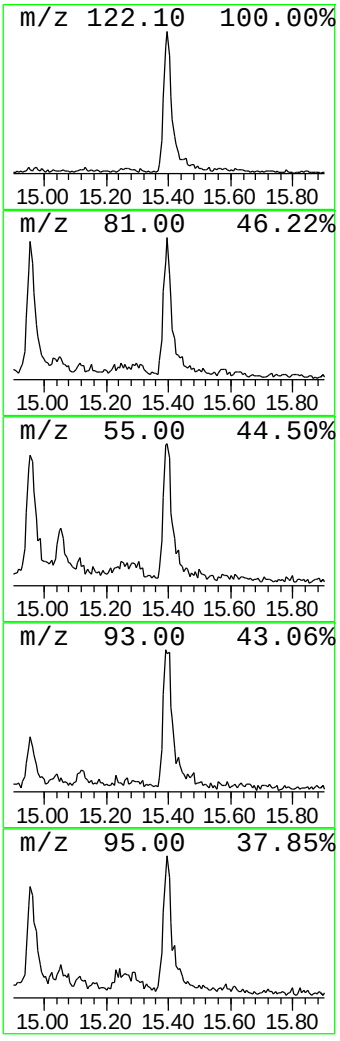
Peak Number 10 unknown15.40 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	7.33 ug/l	347338	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-3,4-Chromandiol	166	C9H10O3	017698-40-7	43
2	(5-Amino-3H-imidazol-4-yl)aceton...	122	C5H6N4	1000191-16-3	43
3	Pyrazole, 1-vinyl-3,5-dimethyl-	122	C7H10N2	015967-75-6	38
4	Benzene, 1-fluoro-4-(4-methyl-4-...	178	C12H15F	074646-35-8	38
5	2-Pyridinamine, 4,6-dimethyl-	122	C7H10N2	005407-87-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011819\
Data File : VX007140.D
Acq On : 18 Jan 2019 17:35
Operator : JC/SP
Sample : K1195-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS038MW009-190116

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.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...	11.67	5.6	ug/l	265502	4	12.08	2368910	50.0
p-Cymene	12.23	20.3	ug/l	960819	4	12.08	2368910	50.0
Benzene, 1,4-diet...	12.30	22.6	ug/l	1070570	4	12.08	2368910	50.0
(E)-1-Phenyl-1-bu...	12.70	16.1	ug/l	761491	4	12.08	2368910	50.0
Indan, 1-methyl-	12.76	52.8	ug/l	2499910	4	12.08	2368910	50.0
1H-Indene, 2,3-di...	12.90	16.0	ug/l	757929	4	12.08	2368910	50.0
Benzene, 1,2,4,5-...	12.97	6.1	ug/l	290384	4	12.08	2368910	50.0
Benzene, 1-methyl...	13.08	6.8	ug/l	323855	4	12.08	2368910	50.0
1H-Indene, 2,3-di...	13.35	11.9	ug/l	564169	4	12.08	2368910	50.0
unknown15.40	15.40	7.3	ug/l	347338	4	12.08	2368910	50.0