LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

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\82X062620W.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	706	718	730	rBV2	155350	452436	2.28%	0.395%
2	5.629	735	745	763	rVB	252236	706654	3.56%	0.618%
3	6.038	802	812	823	rBV	176185	463669	2.34%	0.405%
4	6.830	930	942	957	rBV	417328	986791	4.98%	0.863%
5	8.696	1242	1248	1257	rVB	896790	1347961	6.80%	1.178%
6	10.098	1472	1478	1484	rBV	933837	1277740	6.45%	1.117%
7	10.232	1494	1500	1505	rBV	393374	563015	2.84%	0.492%
8	10.342	1509	1518	1524	rBV2	872490	1492337	7.53%	1.304%
9	10.628	1553	1565	1572	rBV2	299134	785669	3.96%	0.687%
10	10.793	1584	1592	1593	rBV2	178848	231476	1.17%	0.202%
11	10.817	1593	1596	1602	rVB	519710	710235	3.58%	0.621%
12	10.896	1602	1609	1614	rBV3	509306	813421	4.10%	0.711%
13	11.000	1621	1626	1632	rBV	6147766	8038893	40.55%	7.027%
14	11.122	1640	1646	1650	rBV	889081	1081065	5.45%	0.945%
15	11.171	1650	1654	1657	rBV	308498	390464	1.97%	0.341%
16	11.262	1665	1669	1673	rVB2	387153	494004	2.49%	0.432%
17	11.348	1677	1683	1693	rBV	10476612	13220727	66.69%	11.556%
18	11.439	1693	1698	1701	rBV	1254032	1586594	8.00%	1.387%
19	11.659	1729	1734	1742	rVB6	368775	662590	3.34%	0.579%
20	11.756	1742	1750	1752	rBV	1047402	1440768	7.27%	1.259%
21	11.793	1752	1756	1761	rVB	16378966	19822804	100.00%	17.327%
22	11.902	1766	1774	1776	rBV	1781617	2403107	12.12%	2.101%
23	11.933	1776	1779	1784	rVB	3219601	3822882	19.29%	3.342%
24	12.061	1795	1800	1805	rVB2	1225684	1704387	8.60%	1.490%
25	12.128	1805	1811	1815	rBV	953329	1145993	5.78%	1.002%
26	12.219	1821	1826	1831	rVB	1507694	1882214	9.50%	1.645%
27	12.286	1831	1837	1842	rVV	10148697	12534967	63.24%	10.957%
28	12.354	1842	1848	1849	rVV	1697608	2009288	10.14%	1.756%
29	12.372	1849	1851	1857	rVB	1557917	1684163	8.50%	1.472%
30	12.445	1857	1863	1869	rBV	1567837	1920486	9.69%	1.679%
31	12.573	1879	1884	1886	rBV	680637	957688	4.83%	0.837%
32	12.591	1886	1887	1892	rVV	637046	646235	3.26%	0.565%
33	12.652	1892	1897	1900	rVV	5885042	6776172	34.18%	5.923%
34	12.683	1900	1902	1907	rVV	1424424	1743518	8.80%	1.524%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

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\82X062620W.M
Title : SW846 8260

35	12.744	1907	1912	1919	rVB2	3934423	6385298	32.21%	5.581%
36	12.878	1928	1934	1939	rVB	777963	1172867	5.92%	1.025%
37	12.963	1939	1948	1951	rBV	2477483	3322503	16.76%	2.904%
38	13.000	1951	1954	1960	rVB2	736221	970397	4.90%	0.848%
39	13.067	1960	1965	1971	rVB3	265611	408773	2.06%	0.357%
40	13.134	1971	1976	1980	rBV2	235682	324182	1.64%	0.283%
41	13.177	1980	1983	1986	rBV2	273184	317458	1.60%	0.277%
42	13.207	1986	1988	1991	rVB	243396	233322	1.18%	0.204%
43	13.329	2003	2008	2014	rVB2	2466229	3391494	17.11%	2.964%
44	13.463	2026	2030	2036	rVB	400214	486975	2.46%	0.426%
45	13.622	2052	2056	2060	rVB2	169431	235174	1.19%	0.206%
46	13.707	2067	2070	2078	rVB2	141261	266525	1.34%	0.233%
47	13.817	2080	2088	2097	rVB	614241	854293	4.31%	0.747%
48	14.823	2247	2253	2259	rBV	182586	234102	1.18%	0.205%

Sum of corrected areas: 114403776

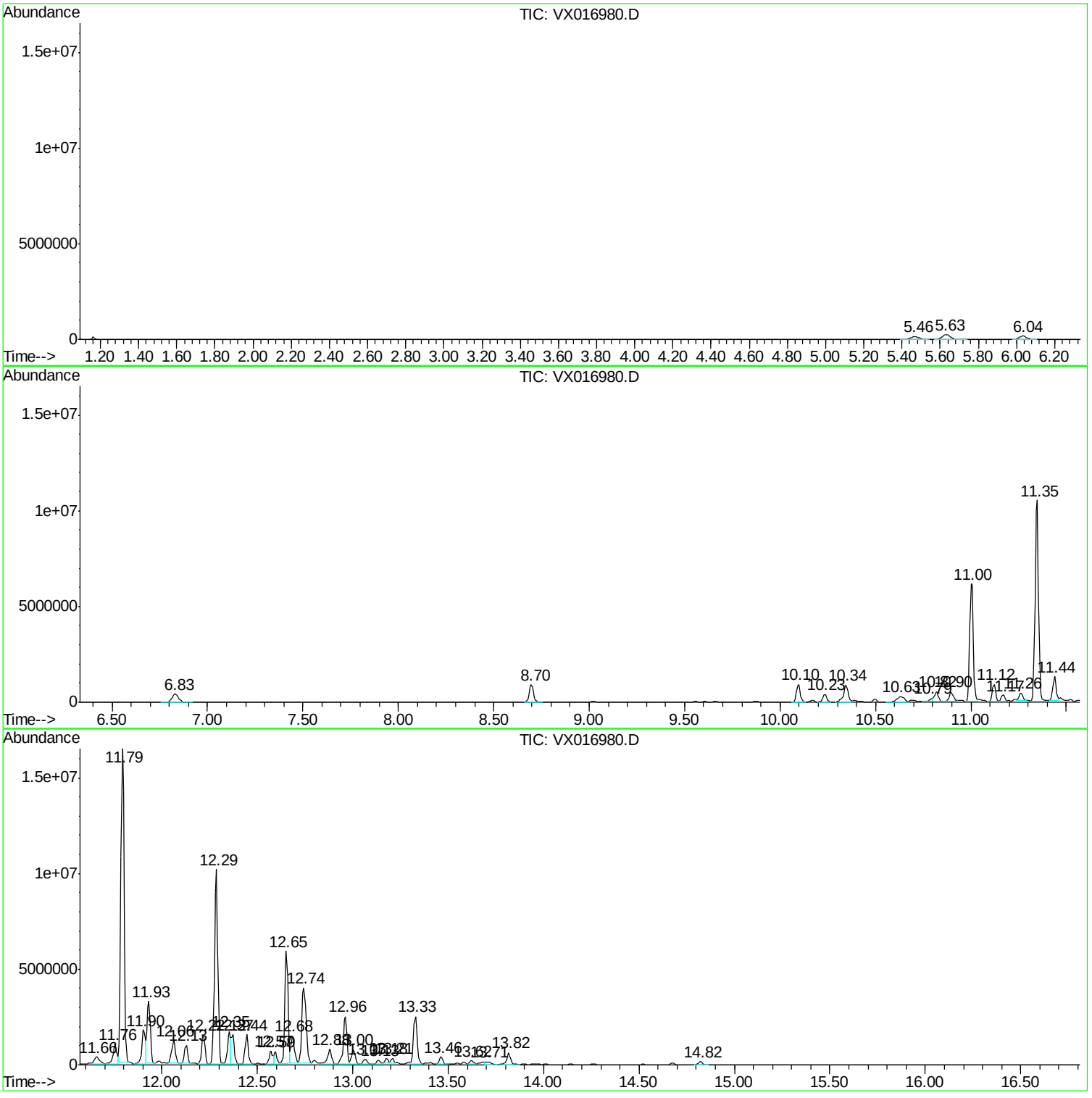
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.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\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

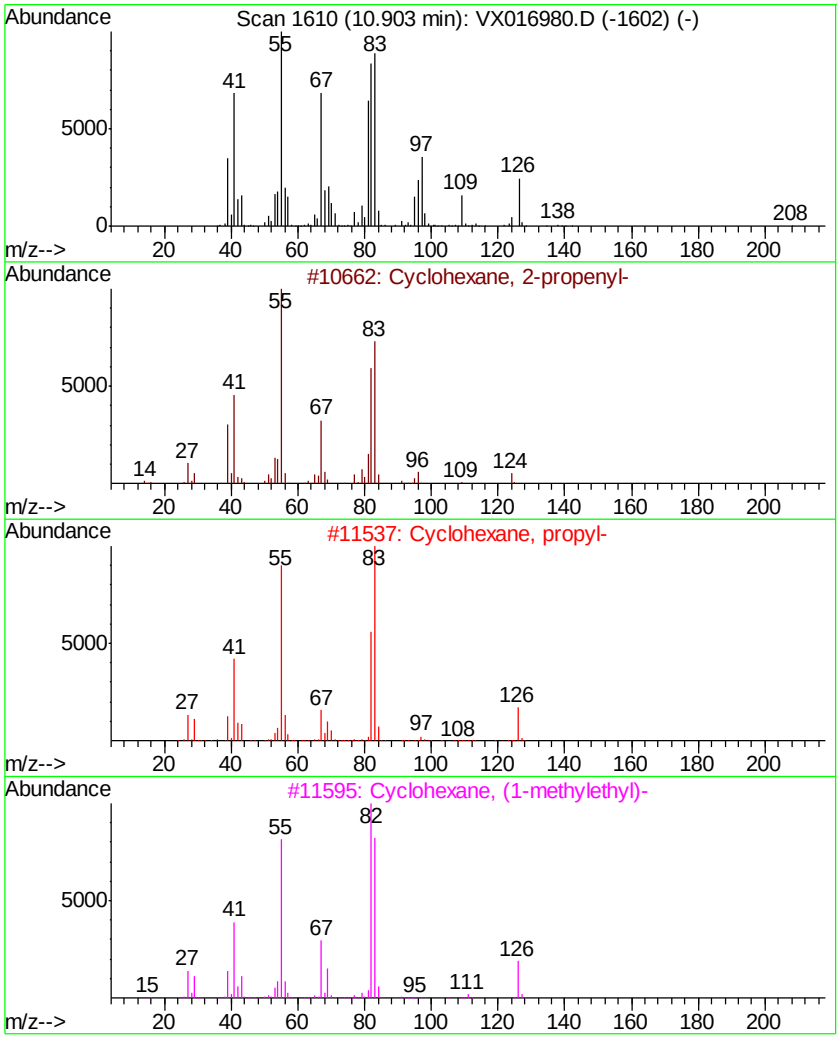
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

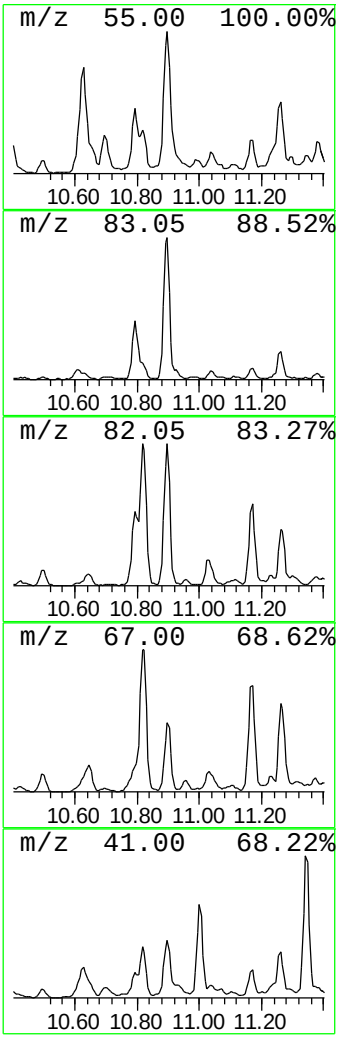
****

Peak Number 1 Cyclohexane, 2-propenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	31.83 ug/l	813421	Chlorobenzene-d5	10.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	76
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	76
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	46
4	Methoxyacetic acid, cyclohexyl e...	172	C9H16O3	1000282-69-4	38
5	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

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

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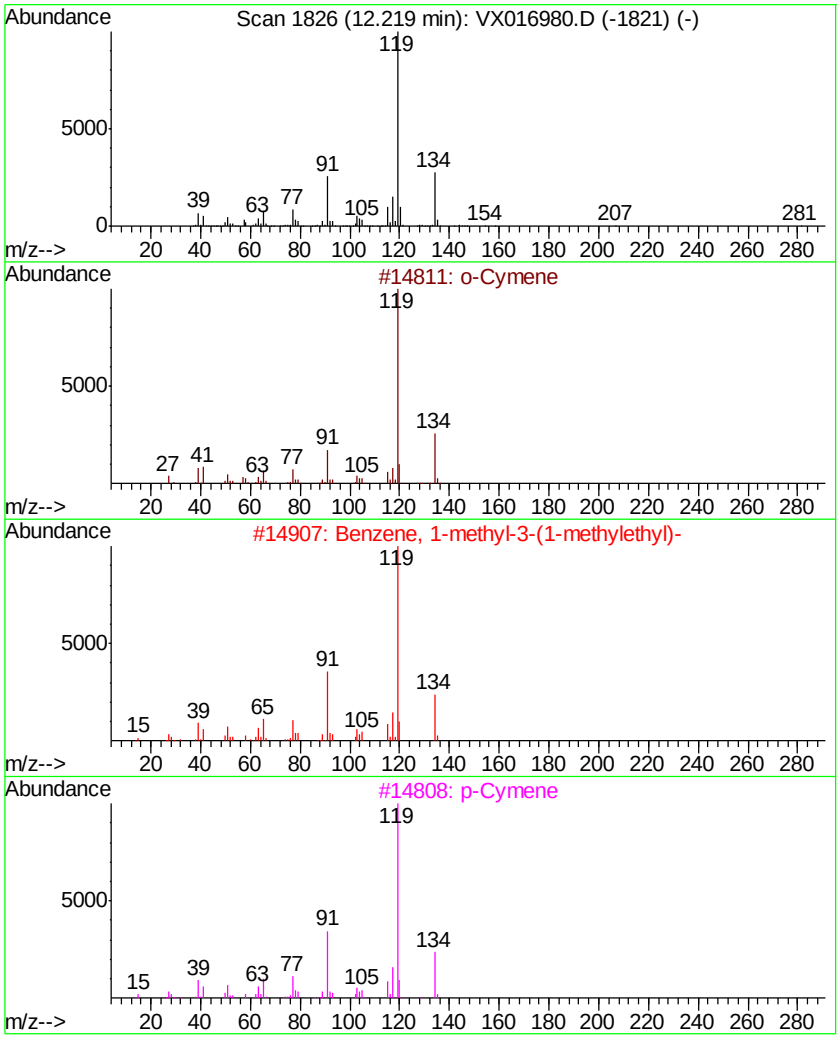
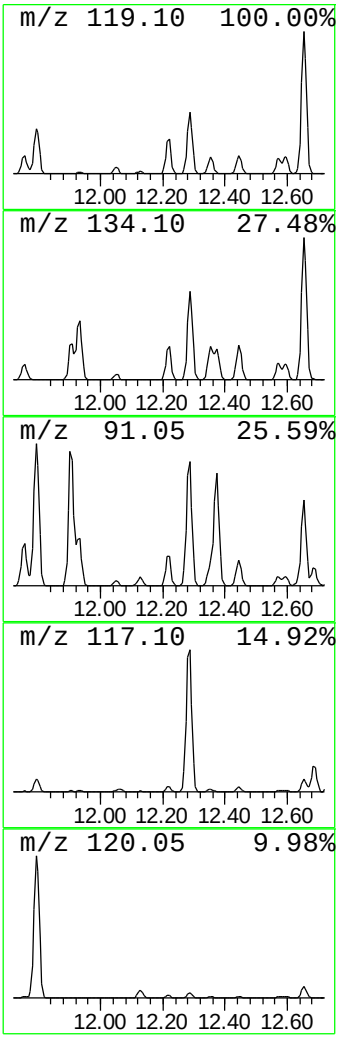
Peak Number 2 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	55.22 ug/l	1882210	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

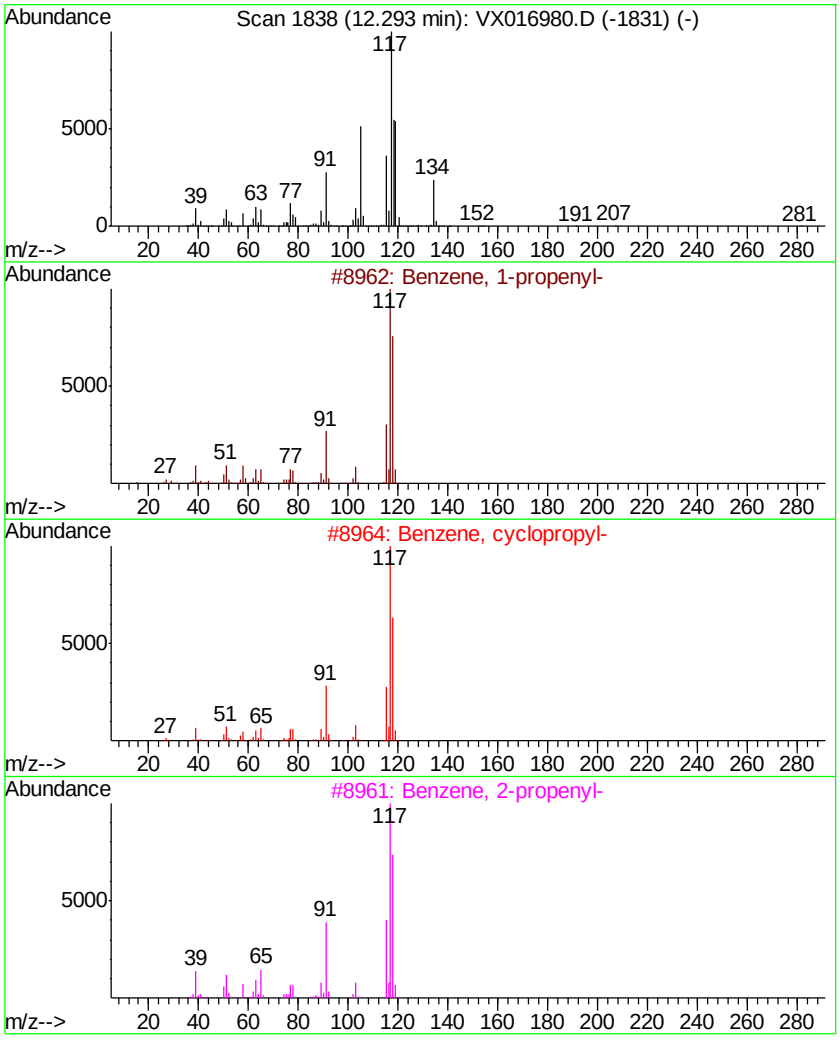
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

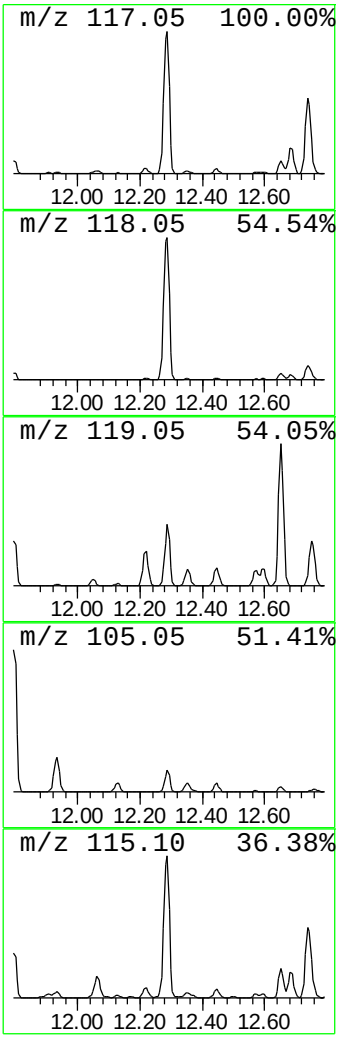
****

Peak Number 3 Benzene, 1-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	367.73 ug/l	12535000	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	60
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	58
5	Indane	118	C9H10	000496-11-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

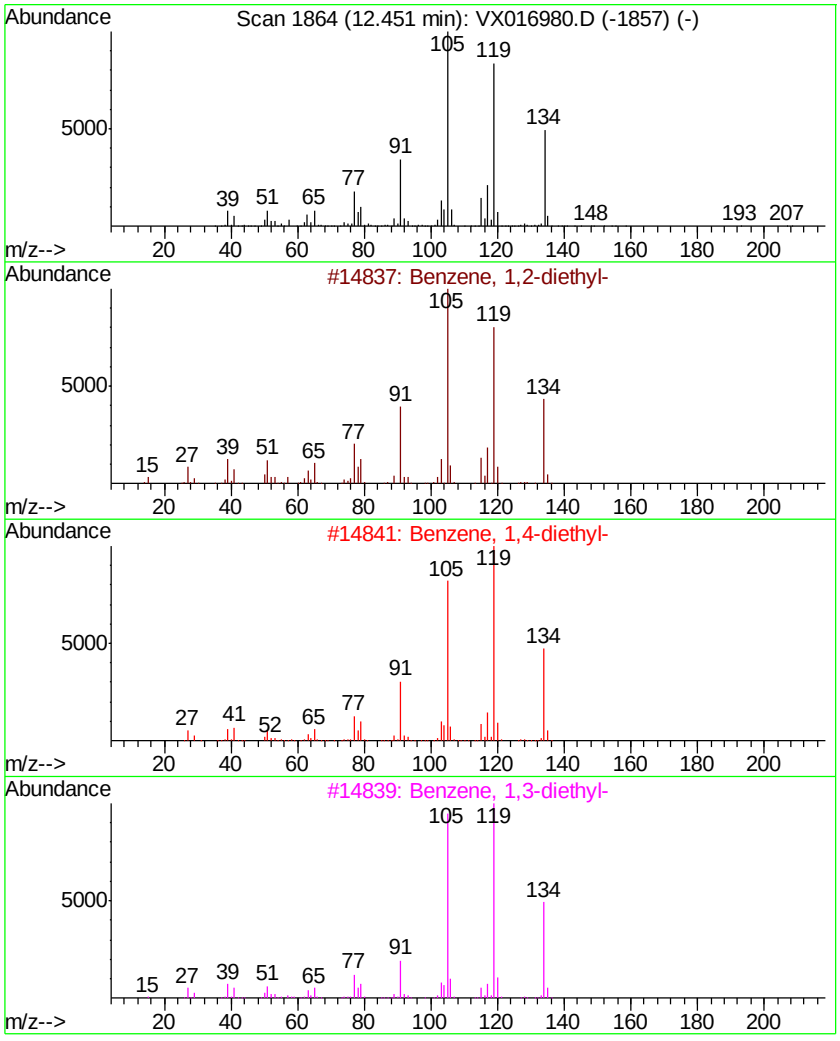
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

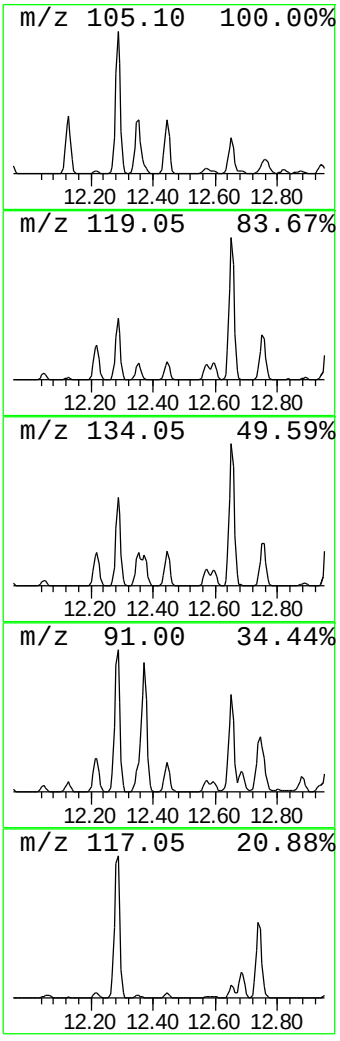
****

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	56.34 ug/l	1920490	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

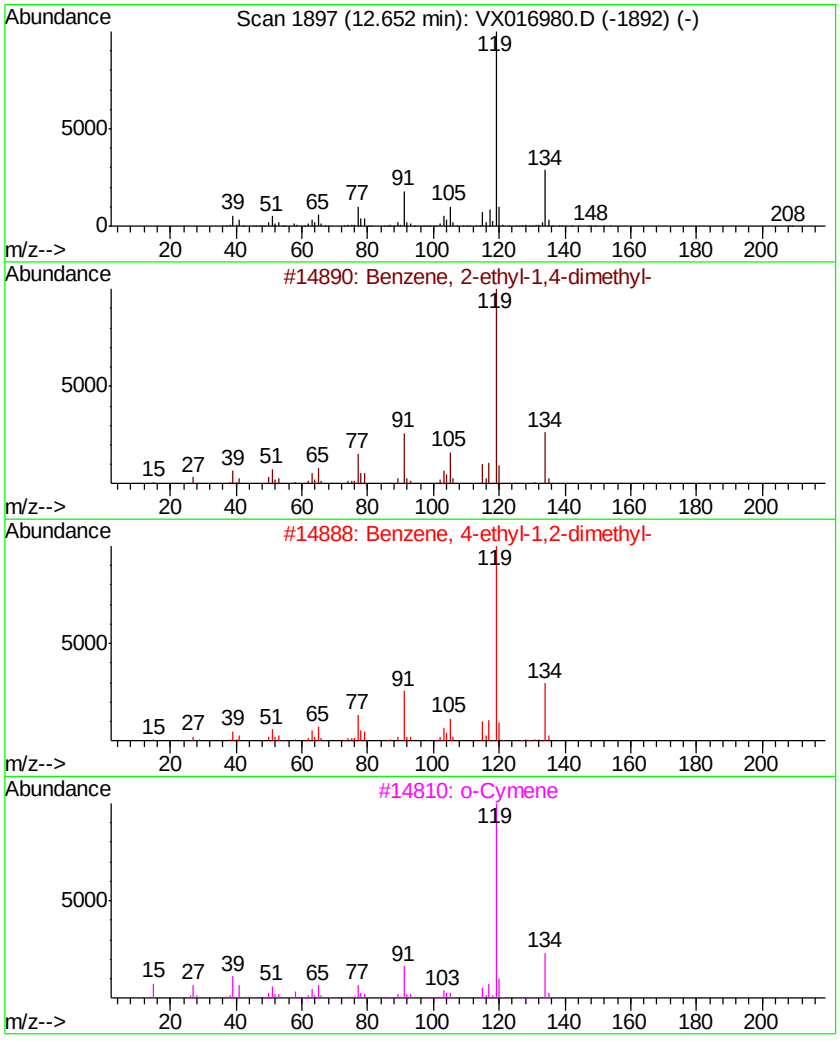
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

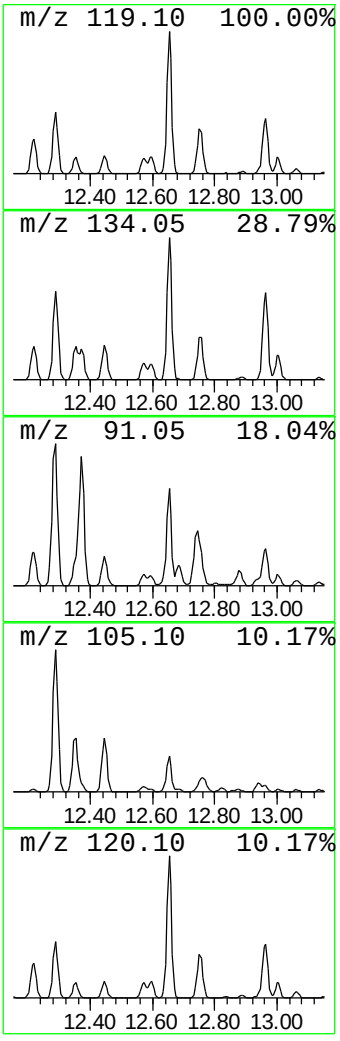
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	198.79 ug/l	6776170	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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

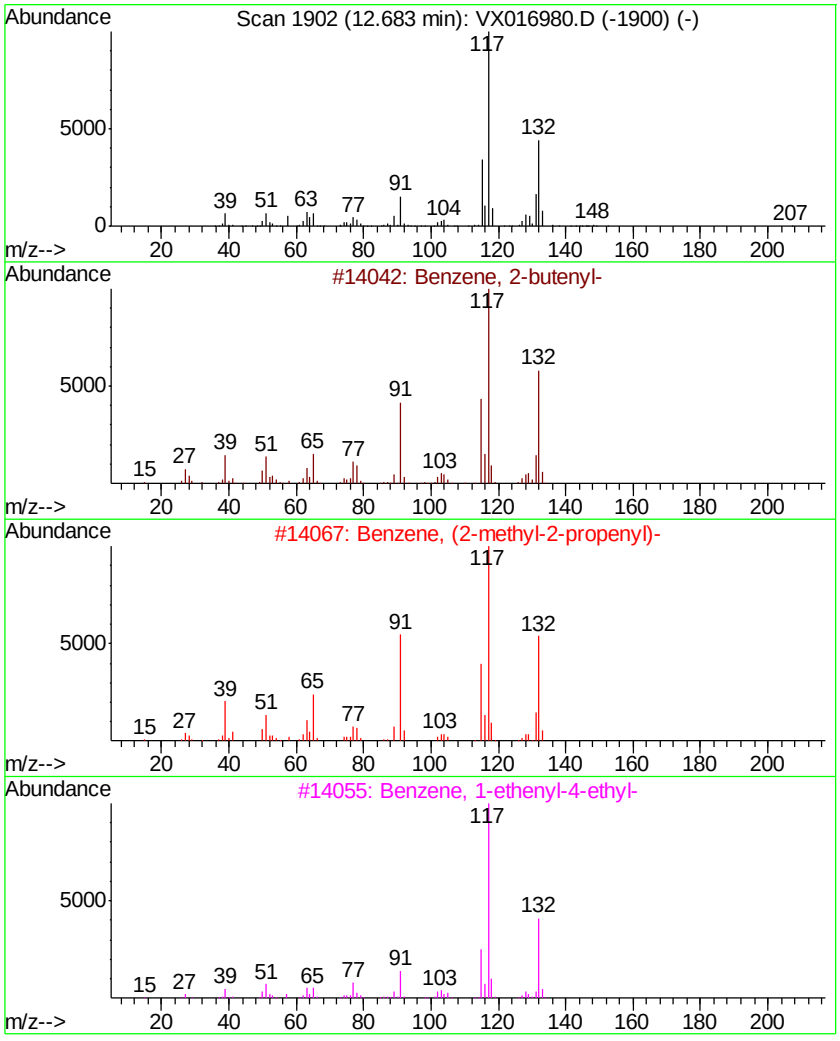
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

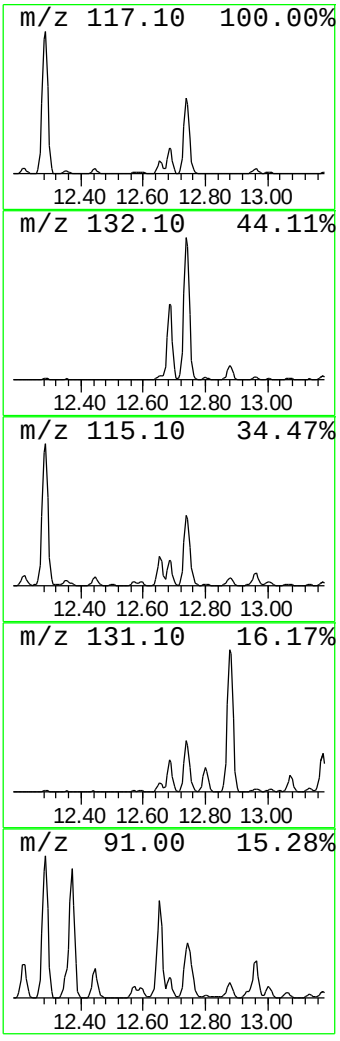
****

Peak Number 6 Benzene, 2-butenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	51.15 ug/l	1743520	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
2	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	90
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

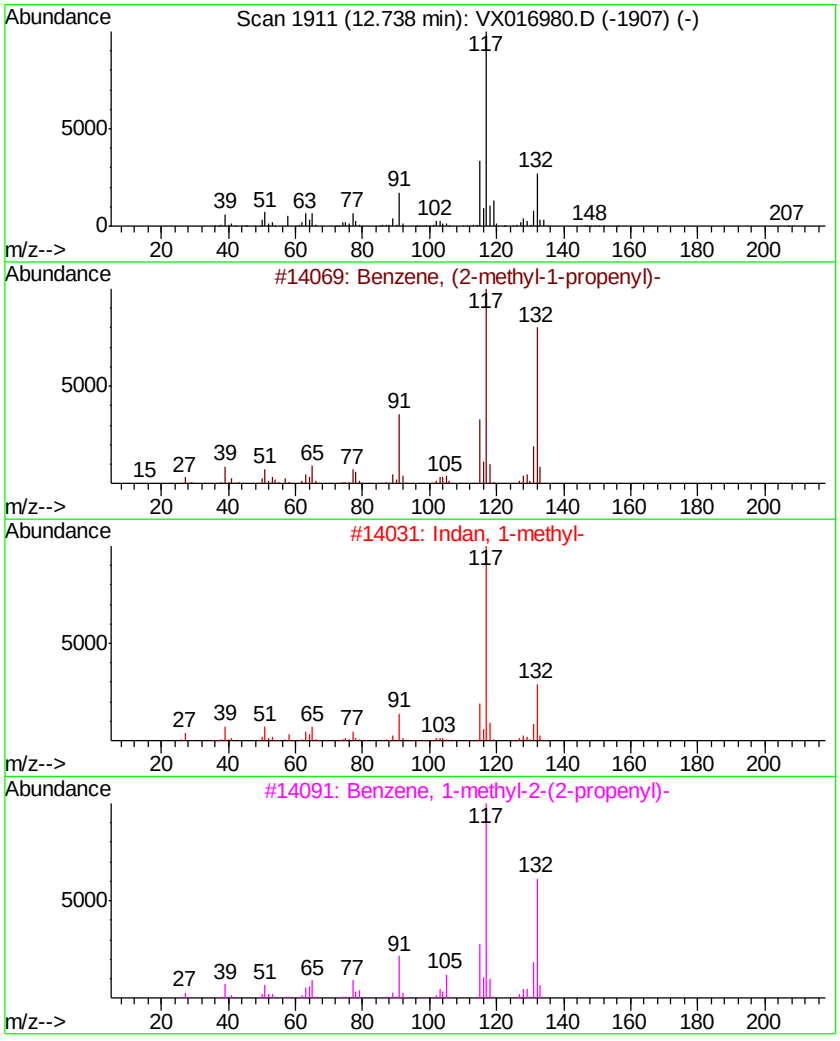
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

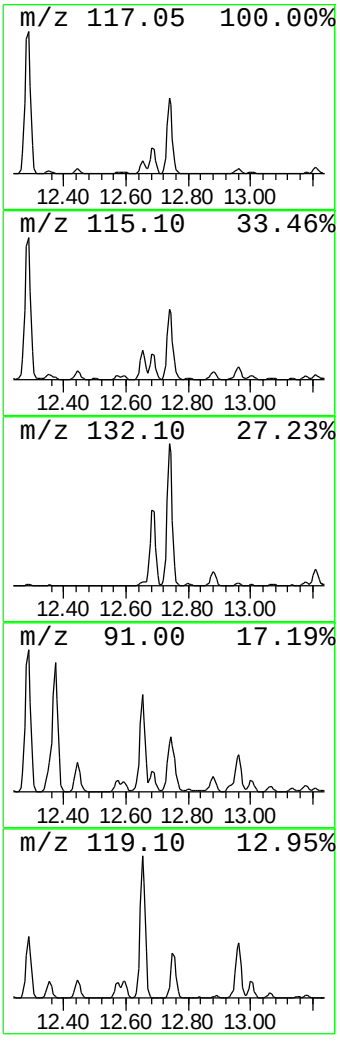
****

Peak Number 7 Benzene, (2-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	187.32 ug/l	6385300	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	70
2	Indan, 1-methyl-	132	C10H12	000767-58-8	70
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	62





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

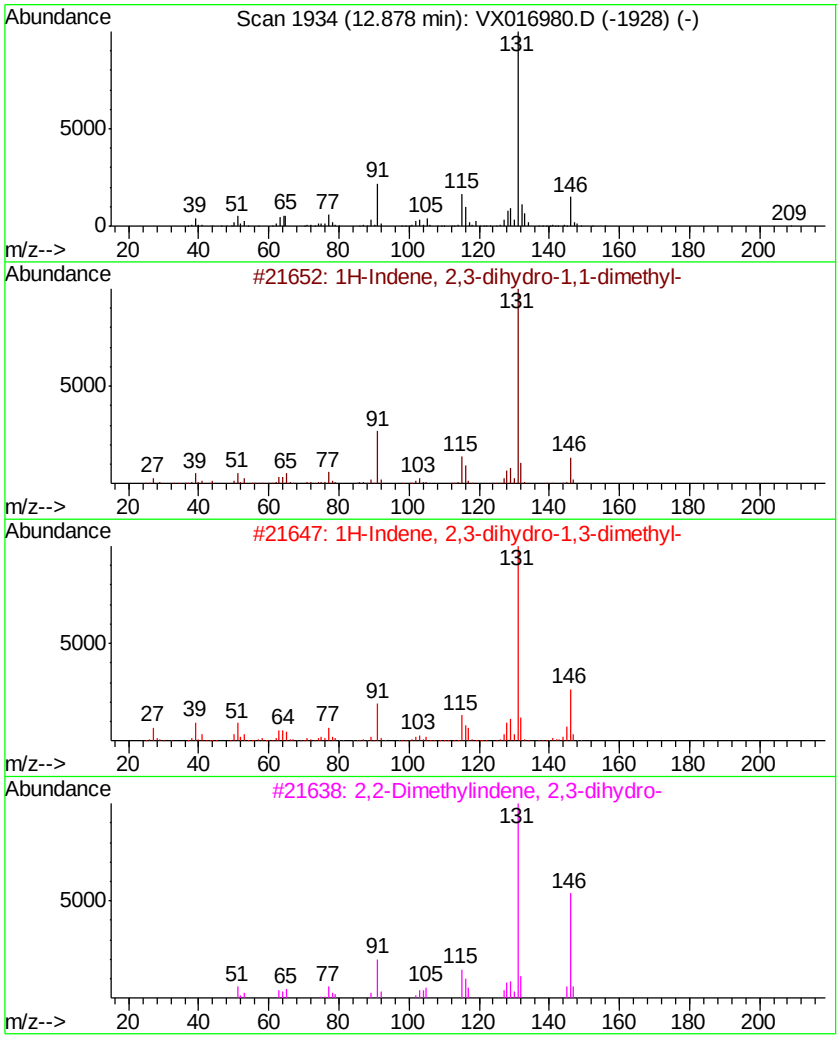
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

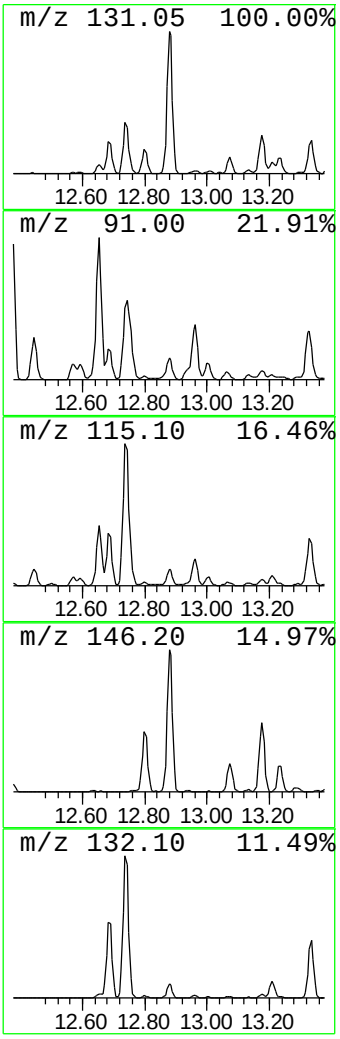
****

Peak Number 8 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	34.41 ug/l	1172870	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	97
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	90
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	86
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260

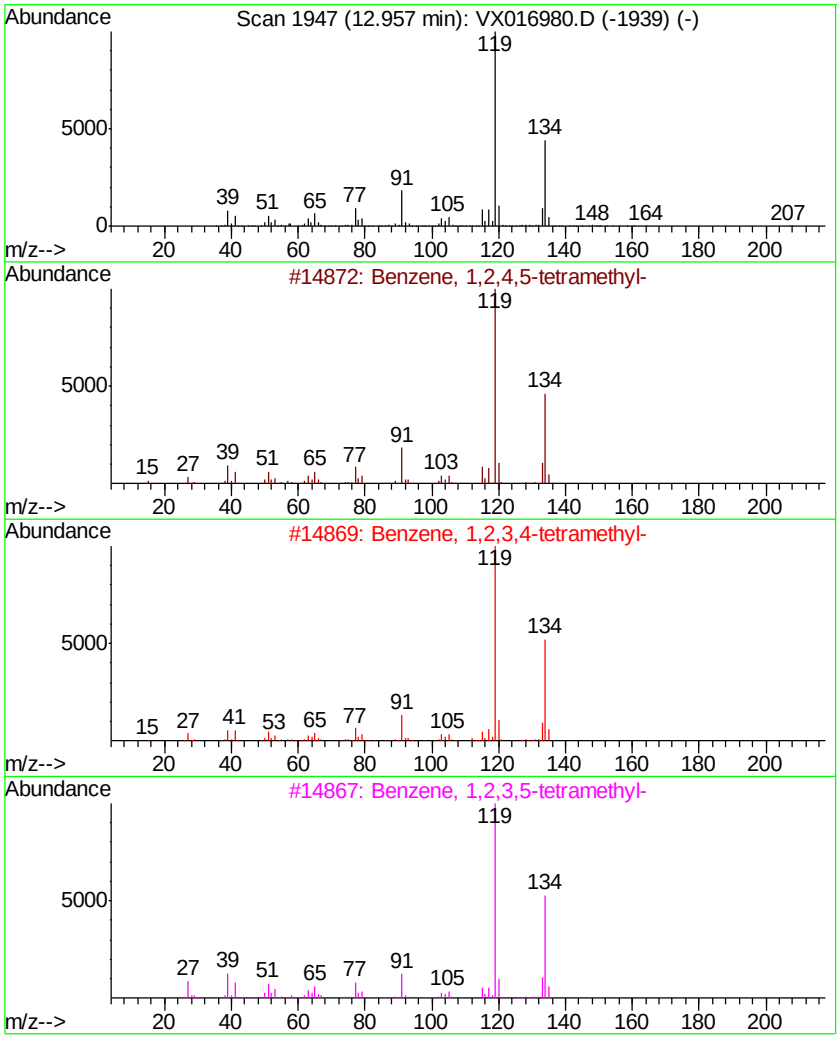
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

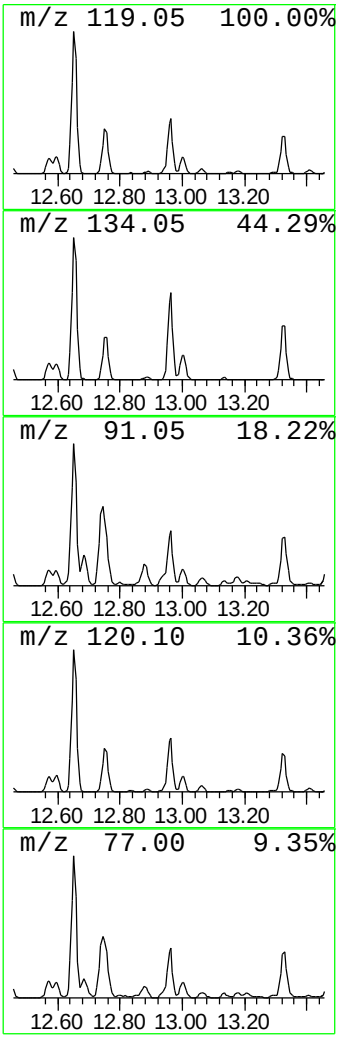
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	97.47 ug/l	3322500	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	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
Data File : VX016980.D
Acq On : 26 Jun 2020 13:58
Operator : JC/SP
Sample : L3066-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.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
Cyclohexane, 2-pr...	10.90	31.8	ug/l	813421	3	10.10	1277740	50.0
o-Cymene	12.22	55.2	ug/l	1882210	4	12.06	1704390	50.0
Benzene, 1-propenyl-	12.29	367.7	ug/l	12535000	4	12.06	1704390	50.0
Benzene, 1,2-diet...	12.45	56.3	ug/l	1920490	4	12.06	1704390	50.0
Benzene, 2-ethyl-...	12.65	198.8	ug/l	6776170	4	12.06	1704390	50.0
Benzene, 2-butenyl-	12.68	51.1	ug/l	1743520	4	12.06	1704390	50.0
Benzene, (2-methy...	12.74	187.3	ug/l	6385300	4	12.06	1704390	50.0
1H-Indene, 2,3-di...	12.88	34.4	ug/l	1172870	4	12.06	1704390	50.0
Benzene, 1,2,4,5-...	12.96	97.5	ug/l	3322500	4	12.06	1704390	50.0