LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

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\82X021020W.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	44	rBV	858487	1090658	50.19%	4.569%
2	1.399	78	84	89	rBV	95852	101331	4.66%	0.424%
3	1.789	143	148	154	rVB	39439	53600	2.47%	0.225%
4	2.009	180	184	190	rVB4	16445	29423	1.35%	0.123%
5	2.265	222	226	232	rVB	25078	41503	1.91%	0.174%
6	2.430	246	253	259	rBV	37910	62143	2.86%	0.260%
7	3.179	370	376	384	rVB2	36755	84480	3.89%	0.354%
8	5.490	742	755	767	rBV2	246116	703649	32.38%	2.948%
9	5.655	772	782	795	rVB	425611	1173963	54.02%	4.918%
10	6.051	838	847	855	rBV	270804	698563	32.14%	2.926%
11	6.136	855	861	874	rVB	142664	381369	17.55%	1.598%
12	6.850	969	978	989	rBV	674449	1570444	72.26%	6.578%
13	8.709	1276	1283	1289	rBV	1414967	2173208	100.00%	9.103%
14	8.776	1289	1294	1304	rVB	554369	877202	40.36%	3.675%
15	10.105	1504	1512	1521	rBV	1430644	1956732	90.04%	8.197%
16	10.355	1547	1553	1560	rBV	277385	371773	17.11%	1.557%
17	10.690	1603	1608	1617	rBV	764919	1012171	46.57%	4.240%
18	11.129	1675	1680	1689	rBV	1237095	1609831	74.08%	6.743%
19	11.428	1724	1729	1731	rBV	148870	215083	9.90%	0.901%
20	11.446	1731	1732	1737	rVV	177261	169065	7.78%	0.708%
21	11.501	1737	1741	1746	rVB	292737	352295	16.21%	1.476%
22	11.660	1762	1767	1773	rBV	212234	268776	12.37%	1.126%
23	11.800	1786	1790	1796	rBV	66641	82514	3.80%	0.346%
24	12.019	1822	1826	1829	rBV	24848	28705	1.32%	0.120%
25	12.074	1829	1835	1840	rVV	1643483	2105025	96.86%	8.818%
26	12.135	1840	1845	1853	rVB	693361	853313	39.27%	3.574%
27	12.263	1862	1866	1868	rBV	77545	100472	4.62%	0.421%
28	12.294	1868	1871	1878	rVV2	351465	488279	22.47%	2.045%
29	12.367	1878	1883	1890	rVB2	236854	300367	13.82%	1.258%
30	12.458	1893	1898	1903	rVV4	28686	47349	2.18%	0.198%
31	12.513	1903	1907	1912	rVB	53256	63534	2.92%	0.266%
32	12.580	1914	1918	1920	rBV	67839	84131	3.87%	0.352%
33	12.605	1920	1922	1926	rVV	87391	93161	4.29%	0.390%
34	12.659	1927	1931	1935	rVV	280090	351360	16.17%	1.472%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

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\82X021020W.M
Title : SW846 8260

35	12.696	1935	1937	1942	rVV	35200	40612	1.87%	0.170%
36	12.751	1942	1946	1954	rVB2	139980	207951	9.57%	0.871%
37	12.897	1966	1970	1975	rBV	120506	140116	6.45%	0.587%
38	12.970	1977	1982	1985	rBV	249721	293560	13.51%	1.230%
39	13.013	1985	1989	1996	rVB	378256	435836	20.05%	1.826%
40	13.092	1996	2002	2005	rBV3	39454	74717	3.44%	0.313%
41	13.220	2019	2023	2027	rVB	153642	173864	8.00%	0.728%
42	13.312	2033	2038	2039	rBV2	34190	52008	2.39%	0.218%
43	13.342	2039	2043	2048	rVB2	536232	723030	33.27%	3.029%
44	13.391	2048	2051	2055	rBV2	140063	174079	8.01%	0.729%
45	13.476	2060	2065	2071	rVB	82290	116341	5.35%	0.487%
46	13.556	2074	2078	2080	rBV2	29122	44803	2.06%	0.188%
47	13.598	2080	2085	2087	rVV2	79803	124698	5.74%	0.522%
48	13.635	2087	2091	2097	rVV3	116280	239229	11.01%	1.002%
49	13.696	2097	2101	2102	rVV2	45781	64409	2.96%	0.270%
50	13.714	2102	2104	2110	rVB2	100903	141363	6.50%	0.592%
51	13.830	2118	2123	2129	rVB	126125	169345	7.79%	0.709%
52	13.903	2132	2135	2140	rVB4	22263	33820	1.56%	0.142%
53	13.976	2143	2147	2151	rVV2	55985	75387	3.47%	0.316%
54	14.019	2151	2154	2158	rVB	45291	54942	2.53%	0.230%
55	14.129	2168	2172	2176	rBV	85190	102534	4.72%	0.430%
56	14.269	2190	2195	2201	rBV2	96504	183245	8.43%	0.768%
57	14.373	2208	2212	2216	rVV	53662	61891	2.85%	0.259%
58	14.421	2216	2220	2225	rVB2	74859	91981	4.23%	0.385%
59	14.531	2234	2238	2244	rBV2	46053	71495	3.29%	0.299%
60	14.665	2256	2260	2261	rBV2	37175	38709	1.78%	0.162%
61	14.690	2261	2264	2267	rVV	58894	80617	3.71%	0.338%
62	14.726	2267	2270	2274	rVB	21226	29047	1.34%	0.122%
63	14.830	2285	2287	2291	rVB	28277	32479	1.49%	0.136%
64	15.238	2347	2354	2358	rBV	32413	63465	2.92%	0.266%
65	15.549	2399	2405	2409	rBV5	30817	56967	2.62%	0.239%
66	15.677	2422	2426	2430	rBV2	18920	28399	1.31%	0.119%
67	16.451	2545	2553	2558	rVB2	31786	56210	2.59%	0.235%

Sum of corrected areas: 23872621

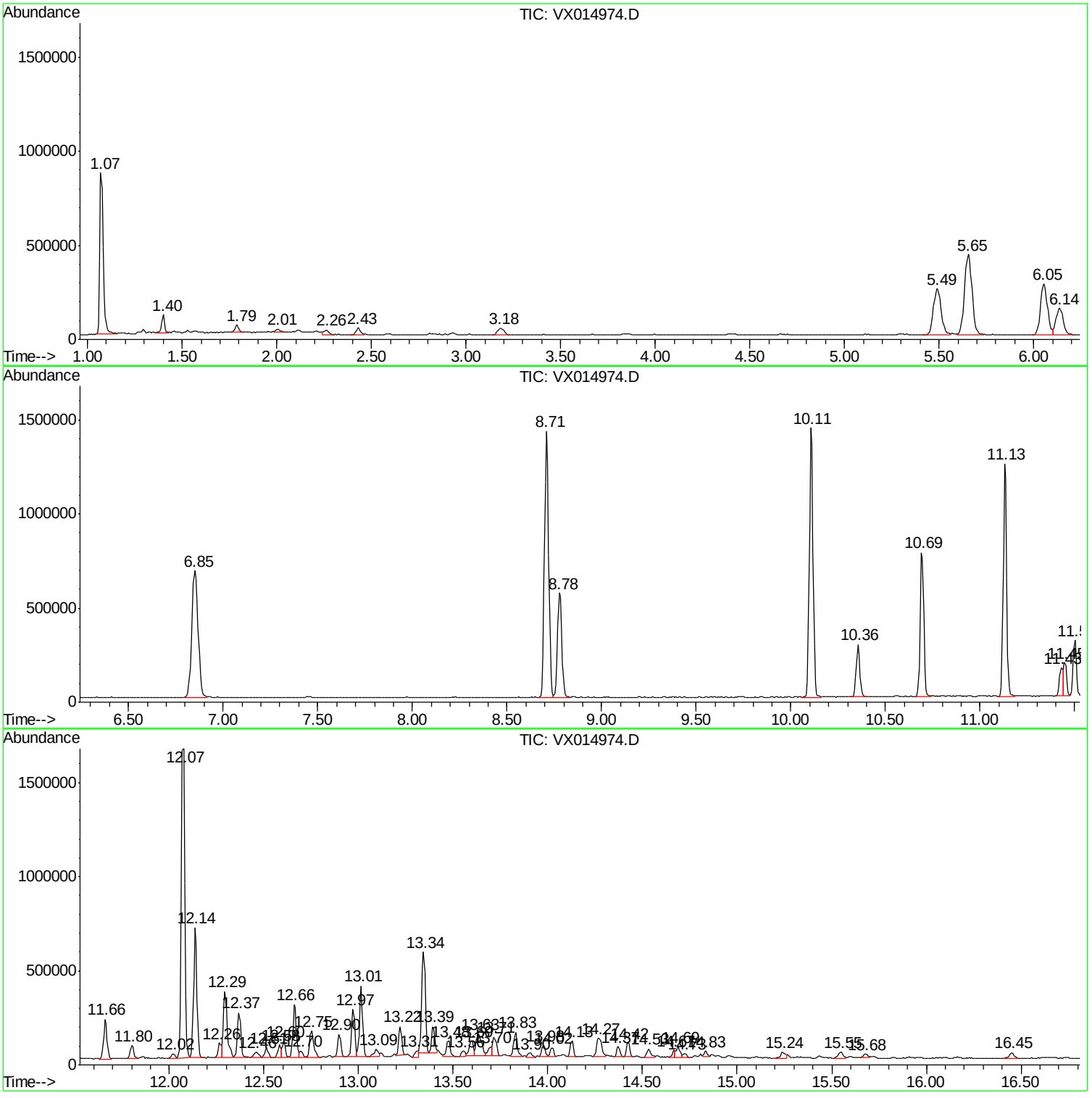
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.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\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

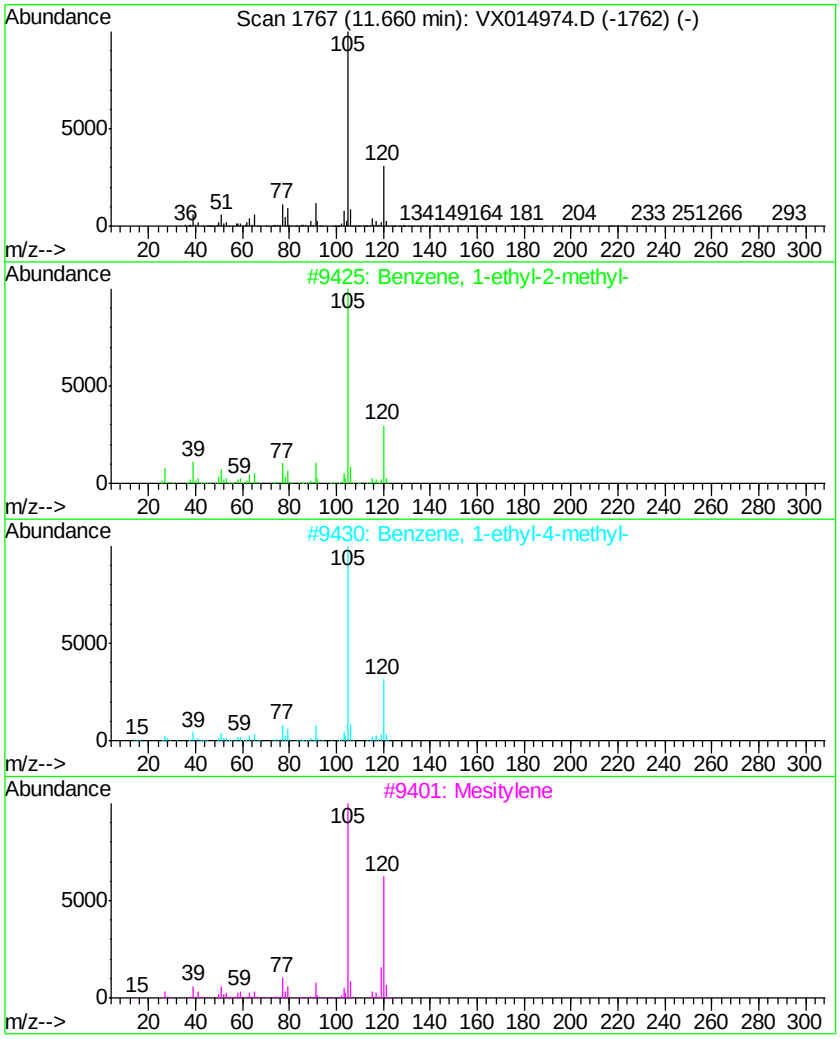
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

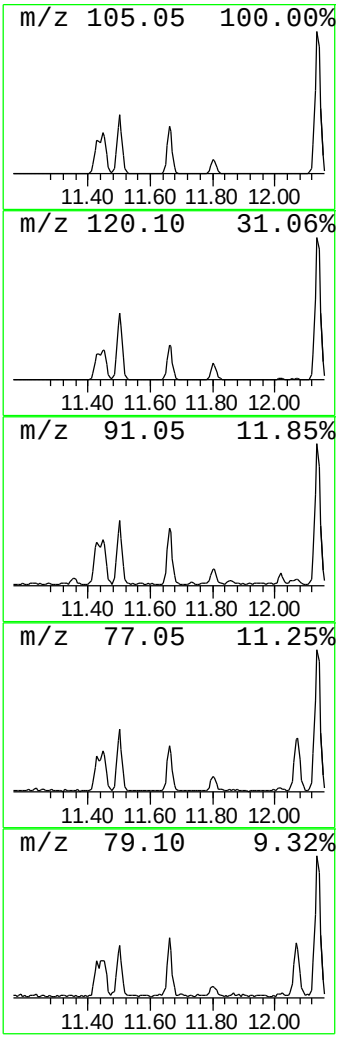
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	6.38 ug/l	268776	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	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

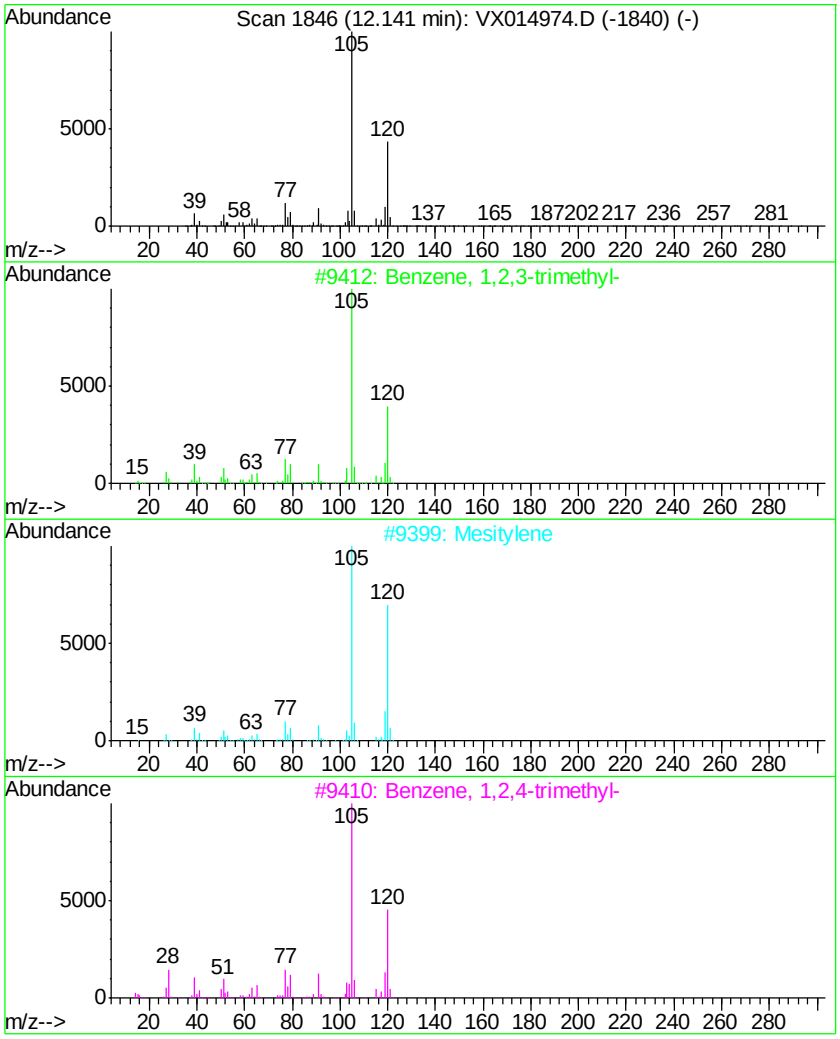
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

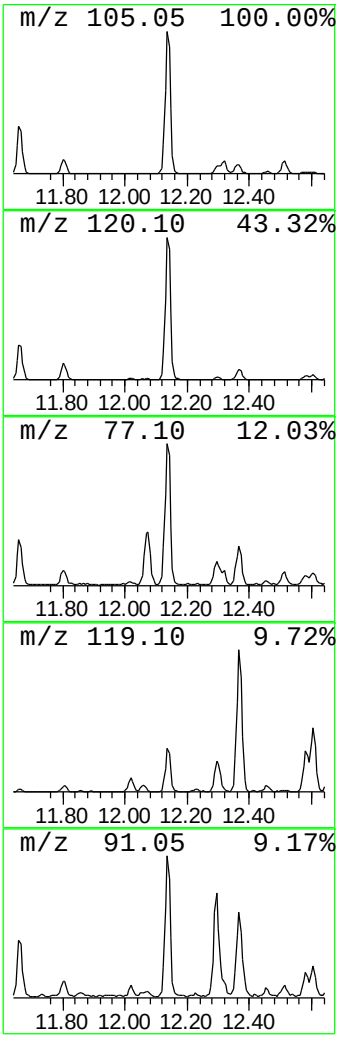
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	20.27 ug/l	853313	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

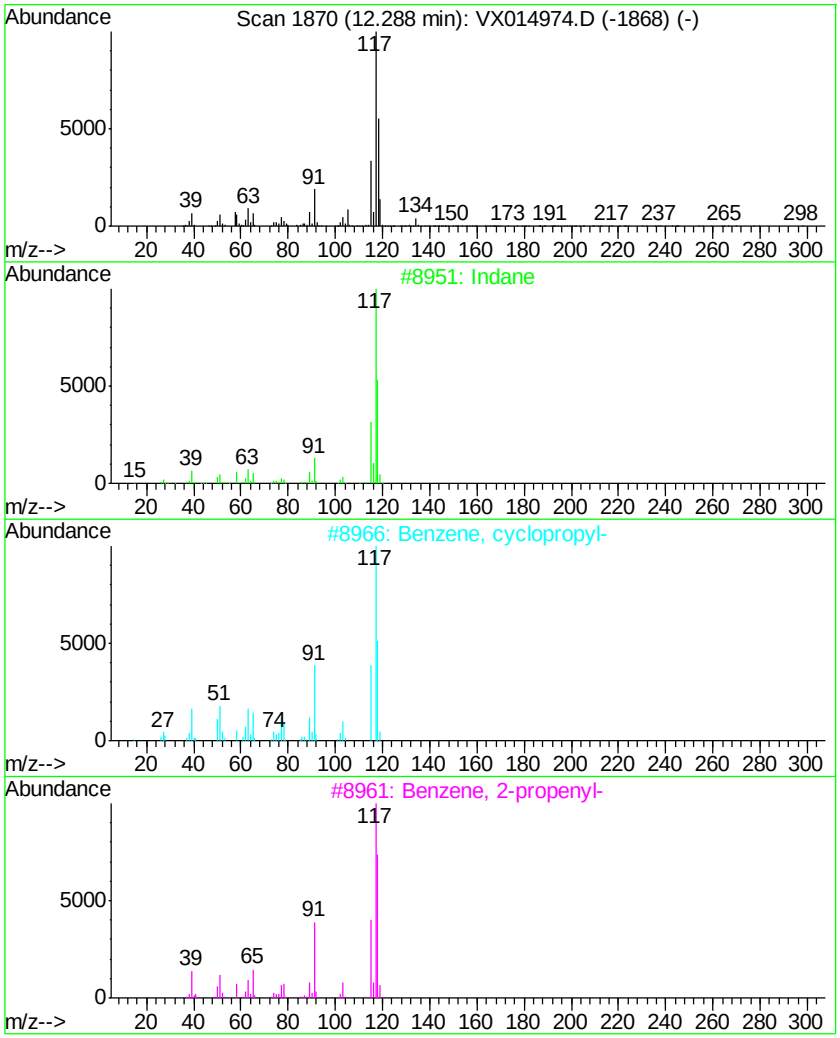
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

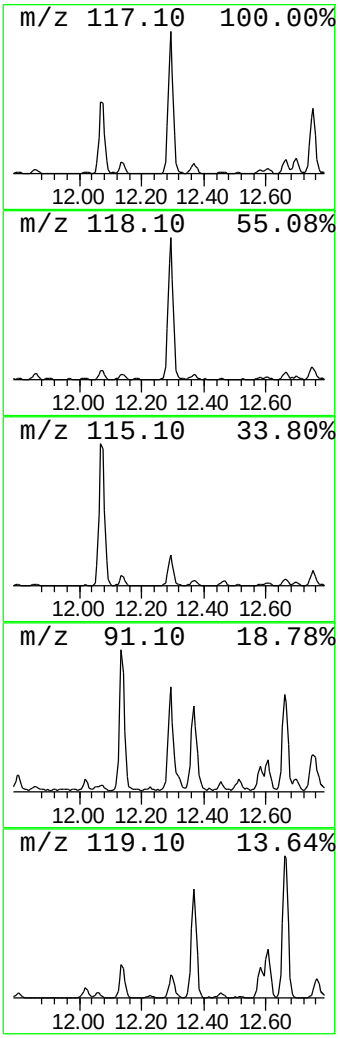
****

Peak Number 4 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	11.60 ug/l	488279	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5	Deltacyclene	118	C9H10	007785-10-6	68





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

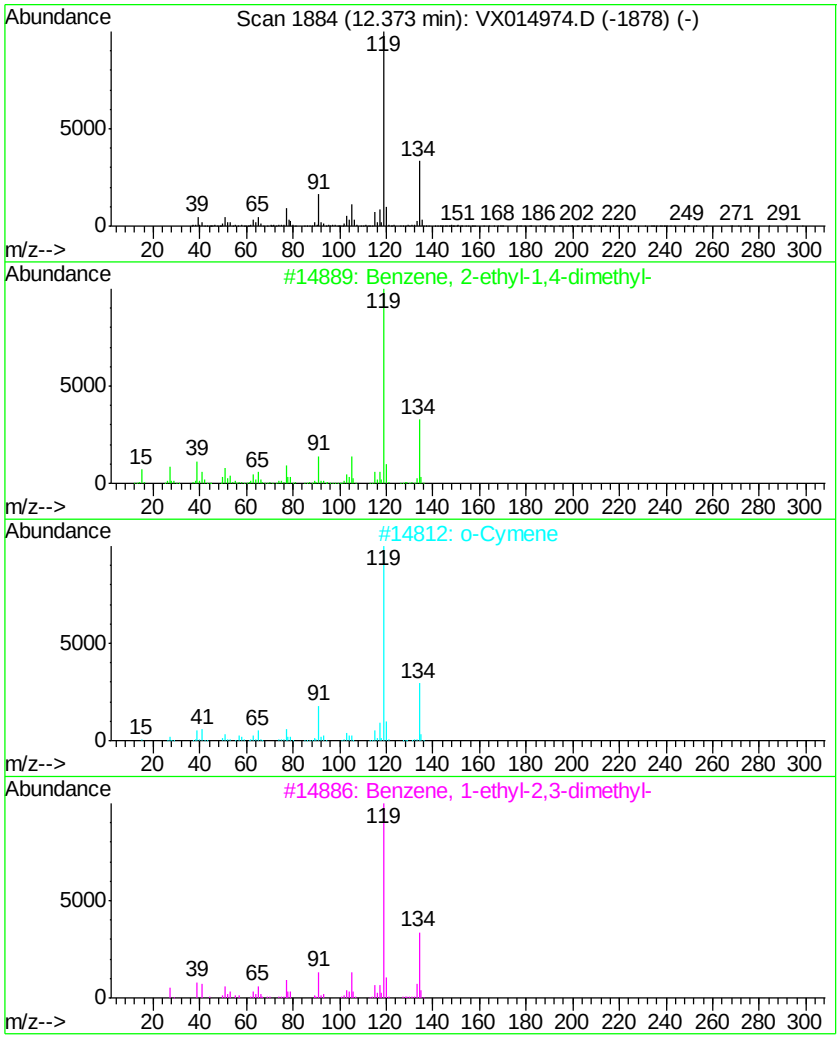
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

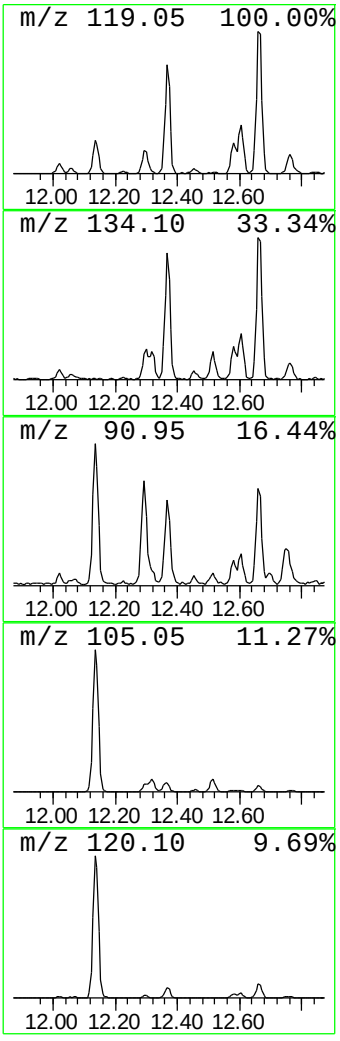
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	7.13 ug/l	300367	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	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

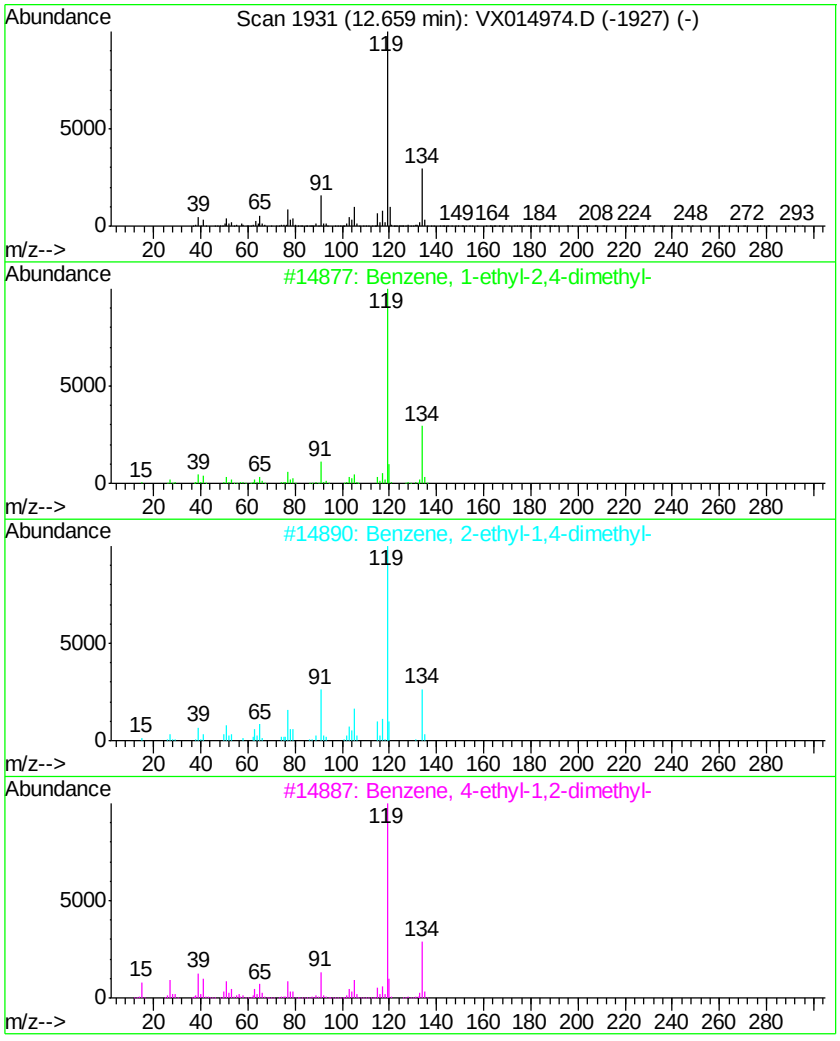
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

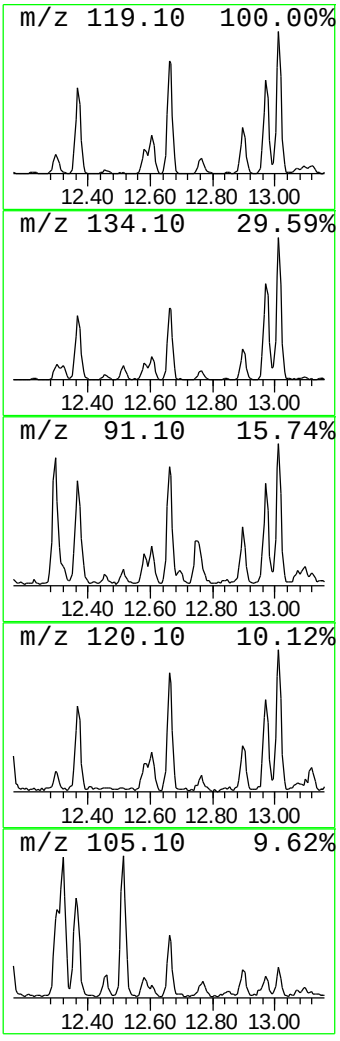
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	8.35 ug/l	351360	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	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022020\
Data File : VX014974.D
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Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

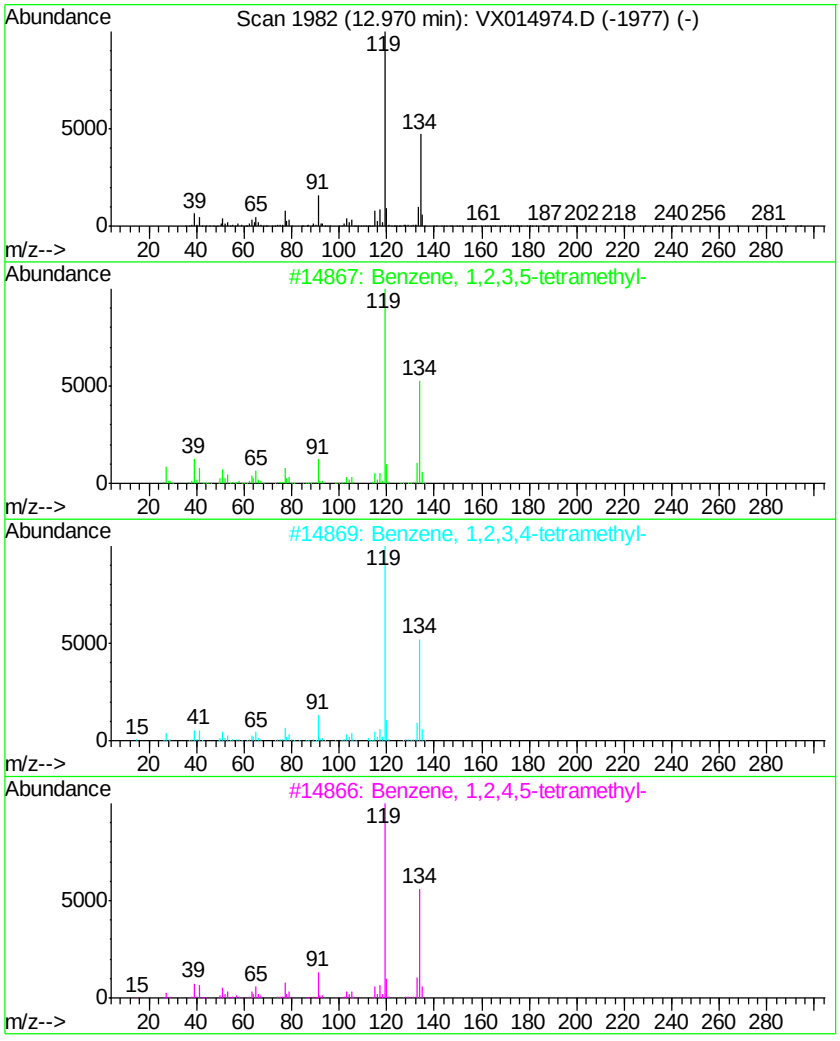
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

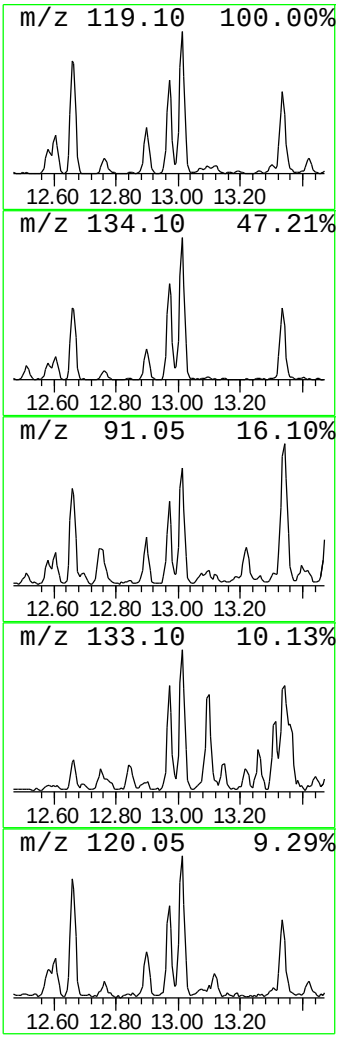
****

Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	6.97 ug/l	293560	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, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
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\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

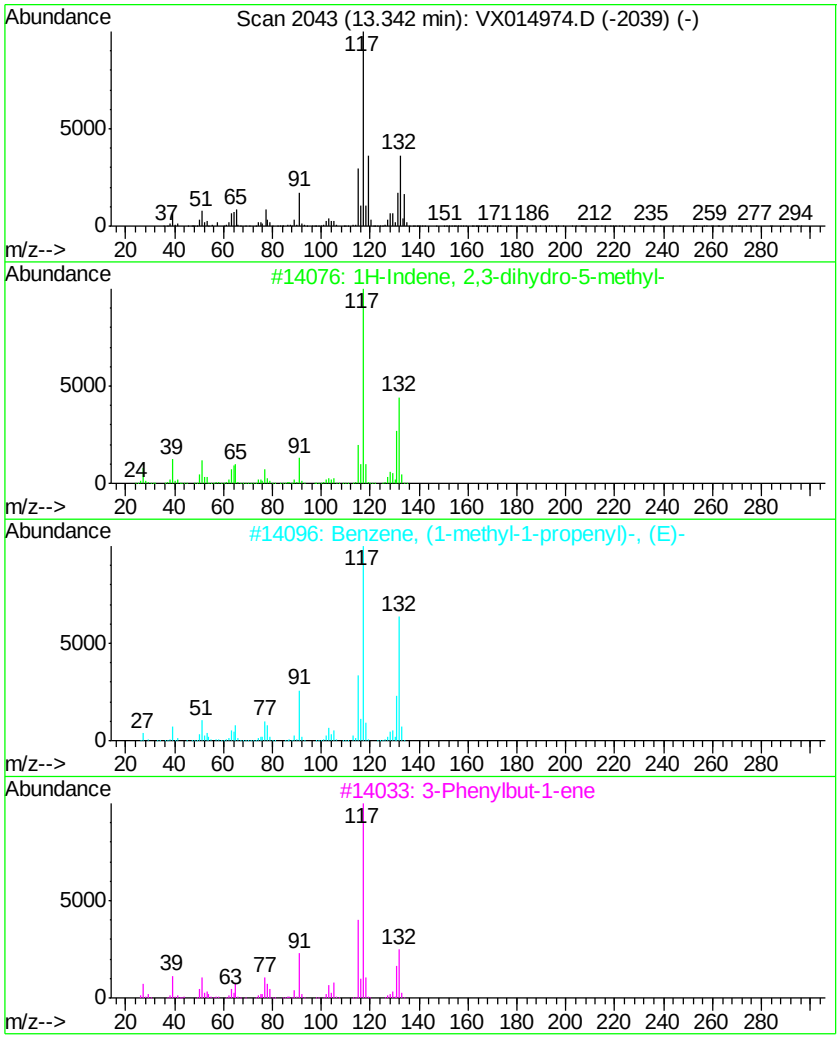
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

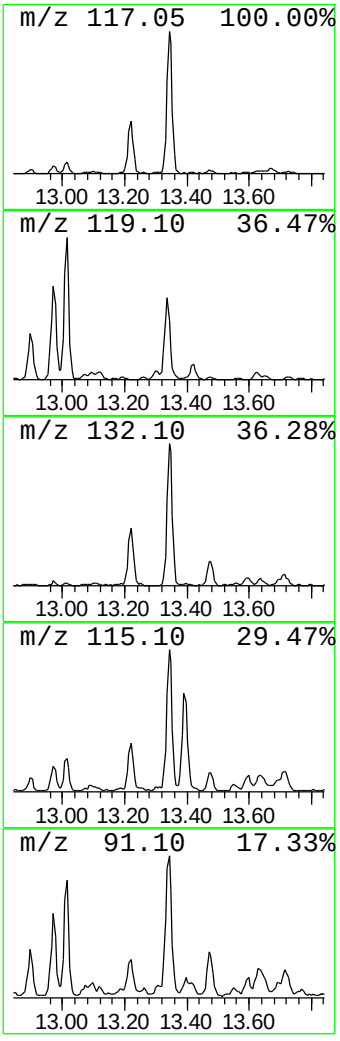
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	17.17 ug/l	723030	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260

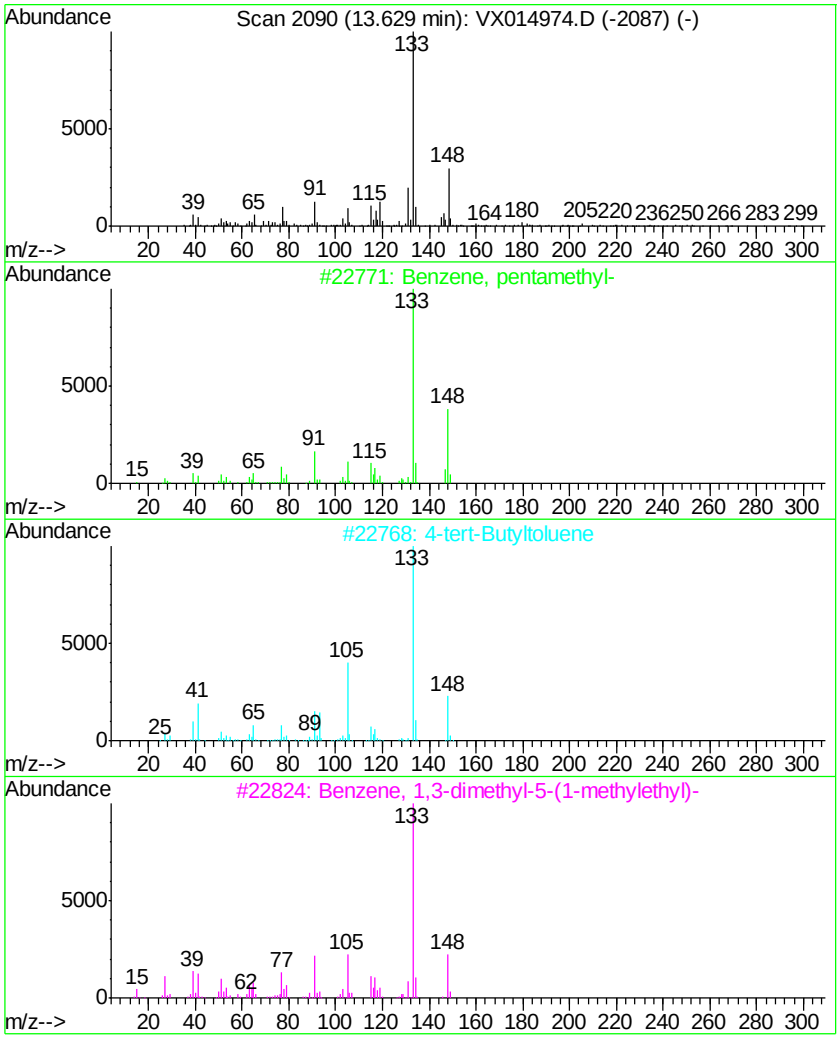
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

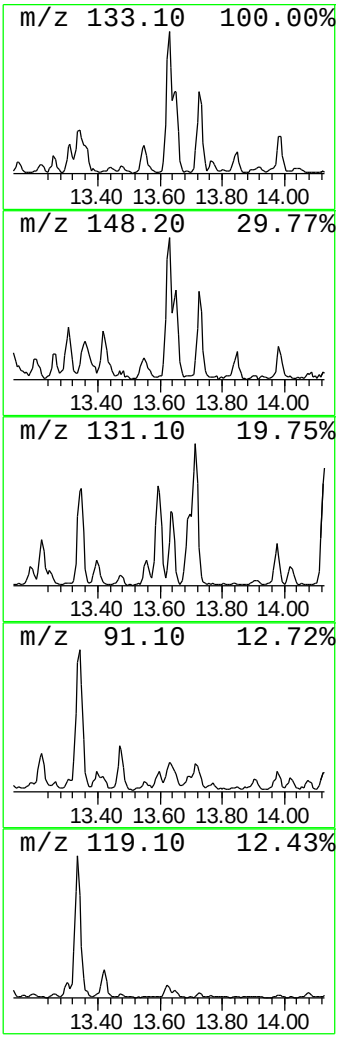
****

Peak Number 10 Benzene, pentamethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	5.68 ug/l	239229	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	49
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	49
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX022020\
Data File : VX014974.D
Acq On : 20 Feb 2020 12:59
Operator : JC/SP
Sample : L1581-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 40729

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.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-...	11.66	6.4	ug/l	268776	4	12.07	2105030	50.0
Benzene, 1,2,3-tr...	12.14	20.3	ug/l	853313	4	12.07	2105030	50.0
Indane	12.29	11.6	ug/l	488279	4	12.07	2105030	50.0
Benzene, 2-ethyl-...	12.37	7.1	ug/l	300367	4	12.07	2105030	50.0
Benzene, 1-ethyl-...	12.66	8.3	ug/l	351360	4	12.07	2105030	50.0
Benzene, 1,2,3,5-...	12.97	7.0	ug/l	293560	4	12.07	2105030	50.0
1H-Indene, 2,3-di...	13.34	17.2	ug/l	723030	4	12.07	2105030	50.0
Benzene, pentamet...	13.63	5.7	ug/l	239229	4	12.07	2105030	50.0