LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

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\82X121818W.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	1.312	22	26	36	rVV	153666	493905	5.29%	0.585%
2	1.410	39	42	47	rVB	131270	161780	1.73%	0.192%
3	1.593	68	72	77	rBV4	46675	125181	1.34%	0.148%
4	3.166	323	330	343	rVB2	61102	133784	1.43%	0.158%
5	4.598	553	565	581	rBV	3438333	9341155	100.00%	11.064%
6	5.501	700	713	725	rBV	378353	1106755	11.85%	1.311%
7	5.665	729	740	757	rVB	686603	1942904	20.80%	2.301%
8	6.067	794	806	814	rBV	395458	1024804	10.97%	1.214%
9	6.141	814	818	830	rVB2	44019	109759	1.18%	0.130%
10	6.860	925	936	947	rBV	984003	2308343	24.71%	2.734%
11	8.713	1234	1240	1246	rBV	2056248	3172702	33.96%	3.758%
12	8.780	1246	1251	1264	rVB	3027871	4699257	50.31%	5.566%
13	10.109	1464	1469	1480	rVB	2061081	2780744	29.77%	3.294%
14	10.250	1487	1492	1498	rBV	822696	1048719	11.23%	1.242%
15	10.353	1502	1509	1516	rVV	4747558	6594451	70.60%	7.811%
16	10.695	1560	1565	1575	rVV	2702843	3593613	38.47%	4.257%
17	11.018	1612	1618	1622	rBV	83639	120087	1.29%	0.142%
18	11.134	1632	1637	1648	rVB	1840551	2509364	26.86%	2.972%
19	11.243	1648	1655	1658	rBV3	65261	112548	1.20%	0.133%
20	11.359	1670	1674	1678	rBV	171491	203348	2.18%	0.241%
21	11.432	1680	1686	1693	rVV	1766646	3092093	33.10%	3.663%
22	11.506	1693	1698	1705	rVV	2078250	2875346	30.78%	3.406%
23	11.560	1705	1707	1715	rVB2	71055	101232	1.08%	0.120%
24	11.664	1719	1724	1732	rBV	1348792	1743021	18.66%	2.065%
25	11.768	1737	1741	1743	rVV	211583	243250	2.60%	0.288%
26	11.804	1743	1747	1756	rVB	3736687	4475041	47.91%	5.301%
27	11.944	1763	1770	1774	rVB3	89216	148849	1.59%	0.176%
28	11.999	1774	1779	1780	rBV3	75790	109976	1.18%	0.130%
29	12.024	1780	1783	1786	rVV	367550	415762	4.45%	0.492%
30	12.079	1786	1792	1797	rVV	2338430	3173299	33.97%	3.759%
31	12.140	1797	1802	1808	rVB	2371108	2986208	31.97%	3.537%
32	12.225	1813	1816	1821	rVB2	153457	195869	2.10%	0.232%
33	12.298	1823	1828	1830	rBV	939353	1188337	12.72%	1.408%
34	12.322	1830	1832	1835	rVV	562547	582804	6.24%	0.690%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

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\82X121818W.M
Title : SW846 8260

35	12.371	1835	1840	1846	rVB2	1582732	2043745	21.88%	2.421%
36	12.475	1847	1857	1860	rBV3	516626	695181	7.44%	0.823%
37	12.518	1860	1864	1870	rVB	387908	512953	5.49%	0.608%
38	12.585	1870	1875	1877	rBV	454213	594918	6.37%	0.705%
39	12.609	1877	1879	1885	rVV	450279	596361	6.38%	0.706%
40	12.664	1885	1888	1892	rVV	1230784	1451235	15.54%	1.719%
41	12.761	1898	1904	1910	rBV3	385699	885448	9.48%	1.049%
42	12.810	1910	1912	1915	rVV3	122288	131237	1.40%	0.155%
43	12.847	1915	1918	1923	rVV2	154553	192820	2.06%	0.228%
44	12.902	1923	1927	1931	rVV2	406500	483415	5.18%	0.573%
45	12.975	1933	1939	1943	rVV	1136441	1517816	16.25%	1.798%
46	13.017	1943	1946	1952	rVB	1191992	1403120	15.02%	1.662%
47	13.097	1952	1959	1961	rBV5	141196	315879	3.38%	0.374%
48	13.121	1961	1963	1966	rVV	94743	99954	1.07%	0.118%
49	13.225	1972	1980	1983	rBV2	306239	444958	4.76%	0.527%
50	13.347	1990	2000	2004	rBV2	1300801	2304955	24.68%	2.730%
51	13.395	2004	2008	2012	rVB	1385890	1786435	19.12%	2.116%
52	13.481	2017	2022	2026	rVV	369596	526231	5.63%	0.623%
53	13.530	2026	2030	2031	rVV	90919	109620	1.17%	0.130%
54	13.548	2031	2033	2038	rVV5	87520	147375	1.58%	0.175%
55	13.603	2038	2042	2045	rVV	167742	212243	2.27%	0.251%
56	13.652	2045	2050	2054	rVV4	161773	305014	3.27%	0.361%
57	13.719	2055	2061	2066	rVV3	105744	246126	2.63%	0.292%
58	13.834	2075	2080	2086	rVB	685237	969366	10.38%	1.148%
59	13.895	2086	2090	2098	rVB4	98040	170829	1.83%	0.202%
60	13.981	2098	2104	2108	rVB8	77838	140554	1.50%	0.166%
61	14.036	2109	2113	2118	rBV7	48775	110651	1.18%	0.131%
62	14.090	2118	2122	2125	rBV	288271	314845	3.37%	0.373%
63	14.127	2125	2128	2130	rVV2	127739	153268	1.64%	0.182%
64	14.158	2130	2133	2141	rVB2	208430	342781	3.67%	0.406%
65	14.273	2148	2152	2156	rVV3	70790	132008	1.41%	0.156%
66	14.432	2174	2178	2181	rBV2	124224	193263	2.07%	0.229%
67	14.554	2196	2198	2204	rVB3	102938	197127	2.11%	0.233%
68	14.670	2213	2217	2218	rBV3	165698	178781	1.91%	0.212%
69	14.694	2218	2221	2231	rVB	293644	433140	4.64%	0.513%
70	14.810	2232	2240	2242	rBV	341843	435645	4.66%	0.516%
71	14.840	2242	2245	2250	rVB	182770	242738	2.60%	0.288%

LSC Area Percent Report

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Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

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\82X121818W.M
Title : SW846 8260

72	15.273	2313	2316	2320	rVV	153463	198015	2.12%	0.235%
73	15.560	2358	2363	2369	rBV	198731	290455	3.11%	0.344%

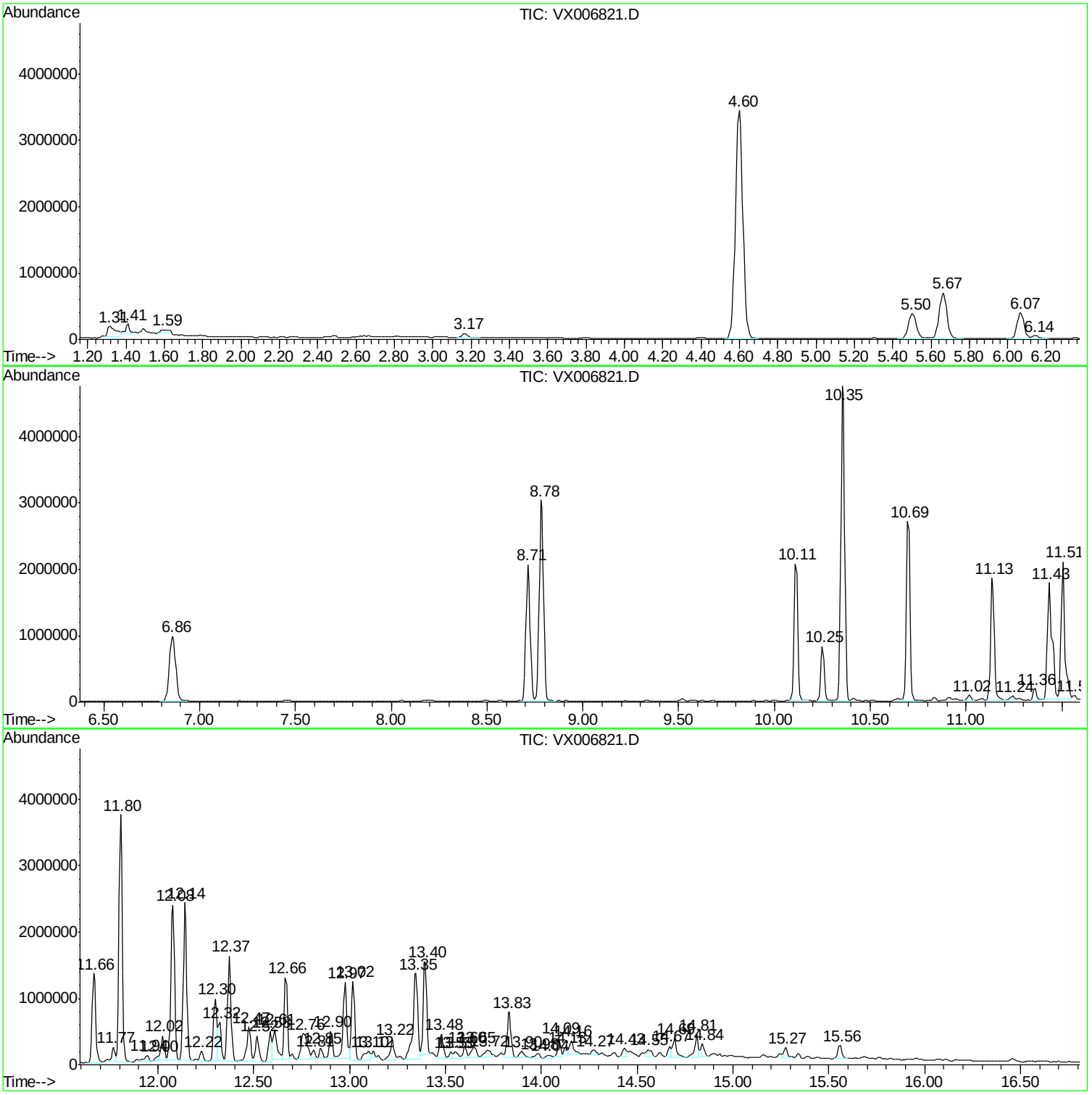
Sum of corrected areas: 84424795

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

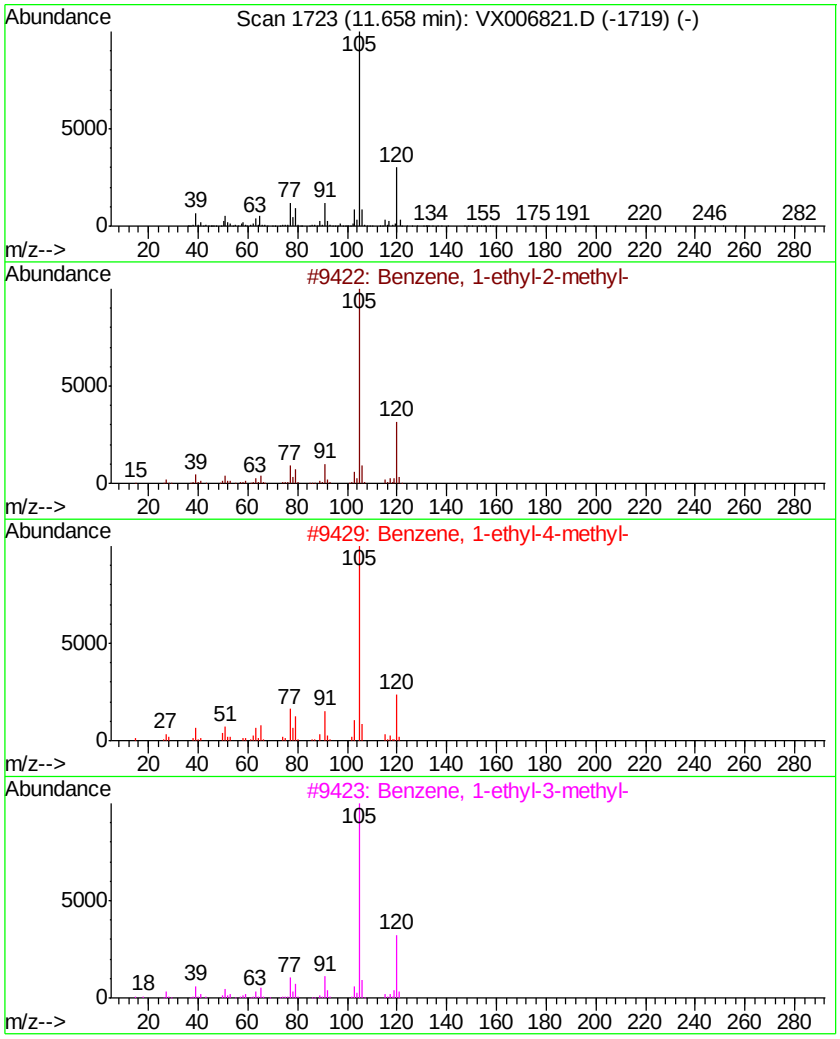
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

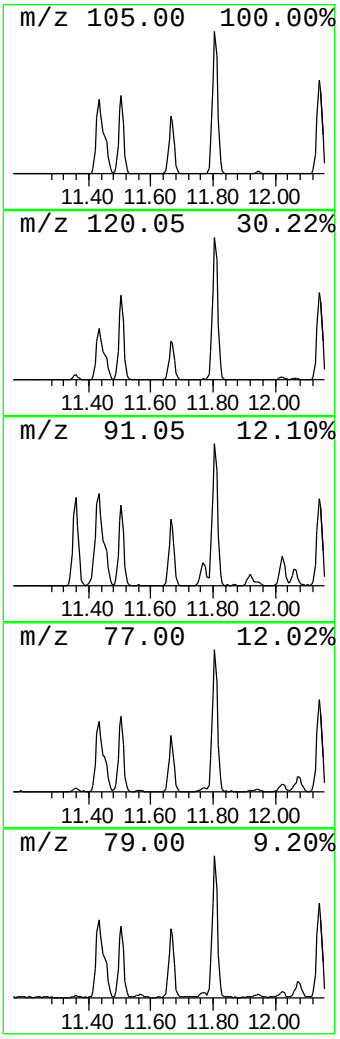
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	27.46 ug/l	1743020	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

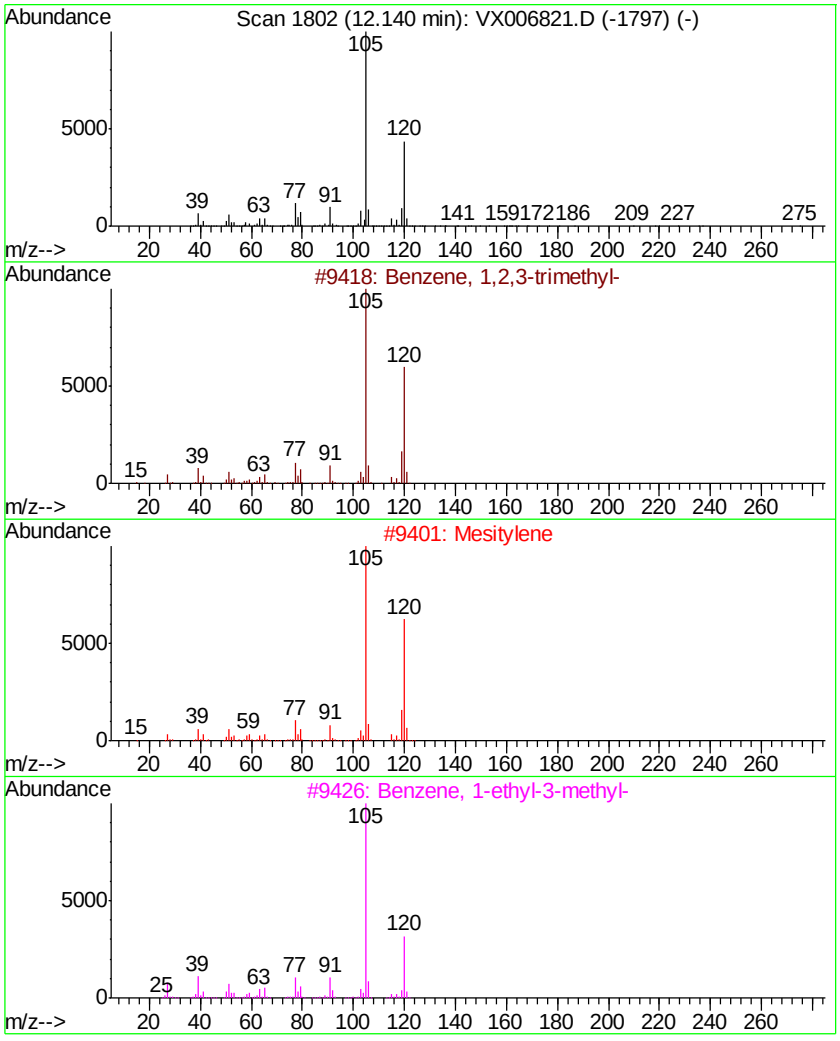
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

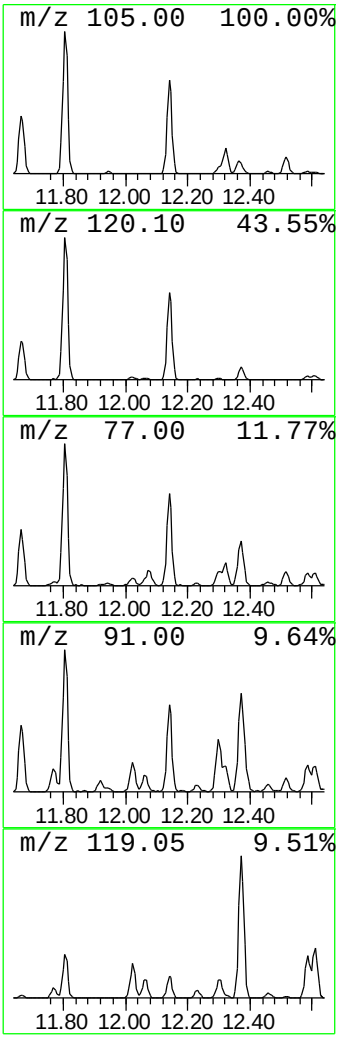
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	47.05 ug/l	2986210	1,4-Dichlorobenzene-d4	12.08

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	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

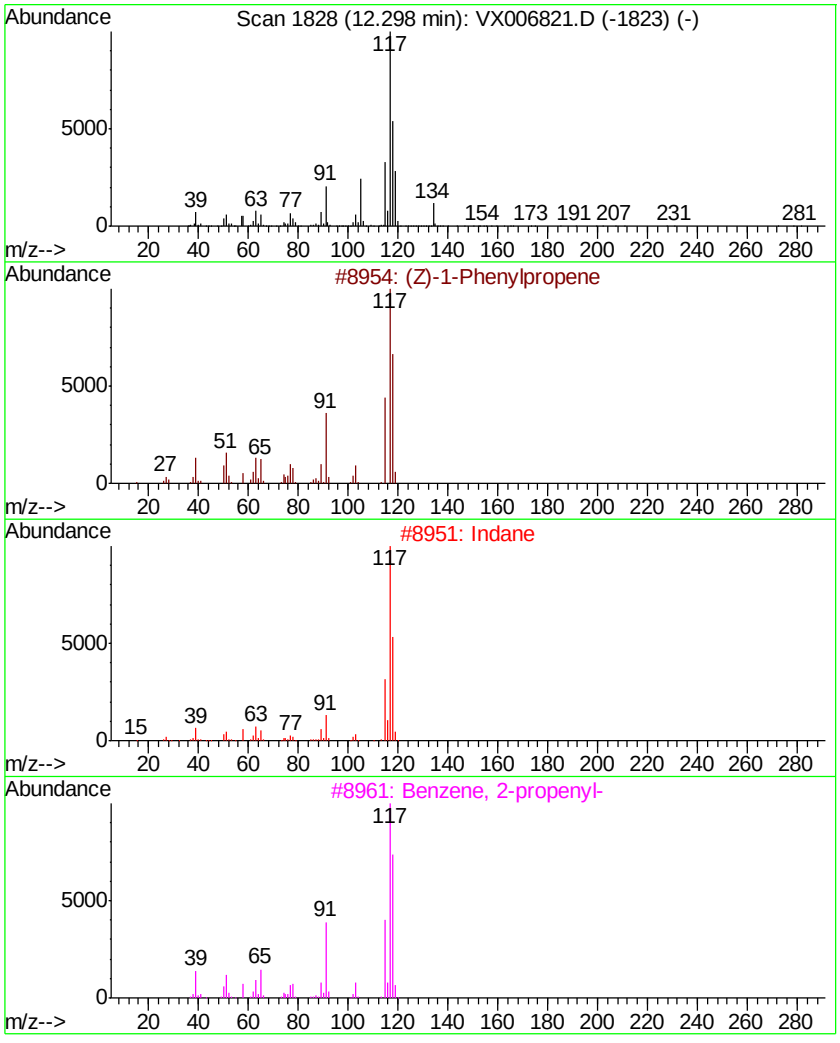
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

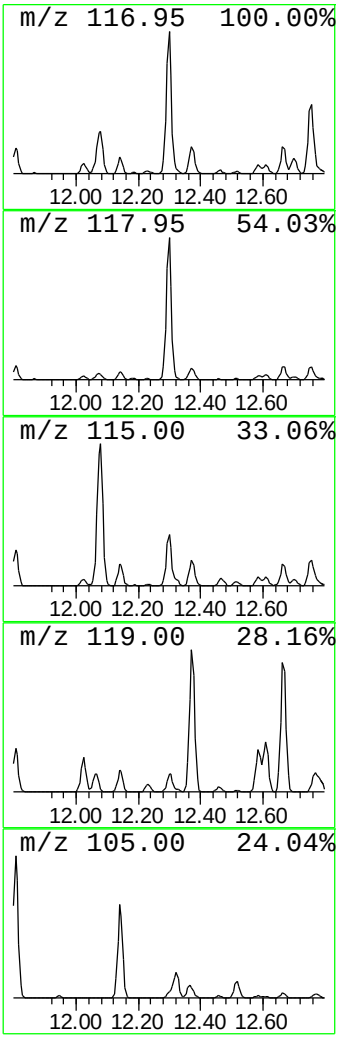
****

Peak Number 4 (Z)-1-Phenylpropene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	18.72 ug/l	1188340	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	64
2	Indane	118	C9H10	000496-11-7	64
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

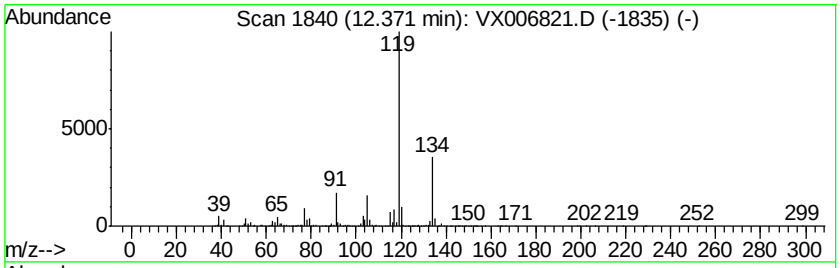
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

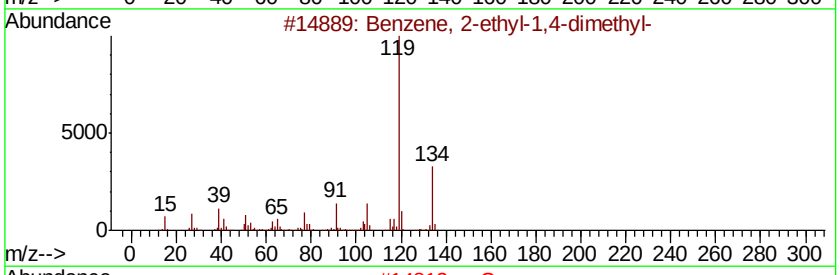
****

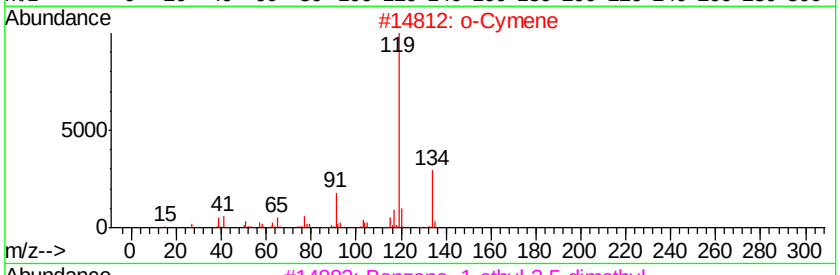
Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

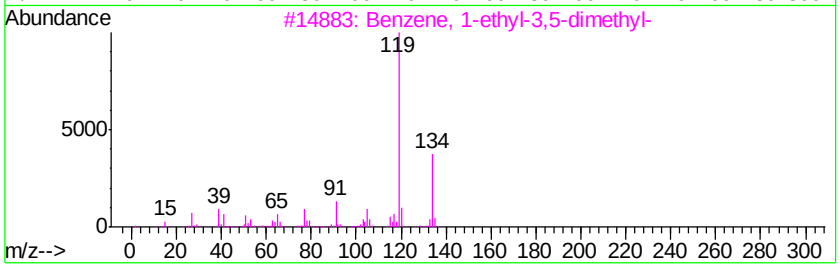
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	32.20 ug/l	2043750	1,4-Dichlorobenzene-d4	12.08

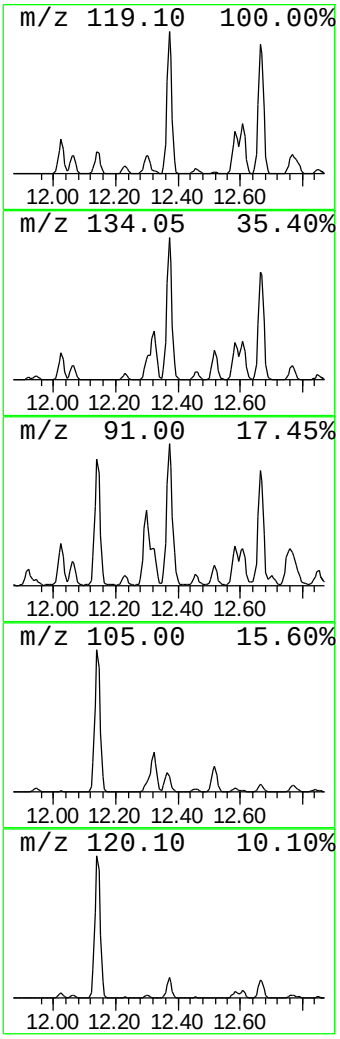
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94











Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

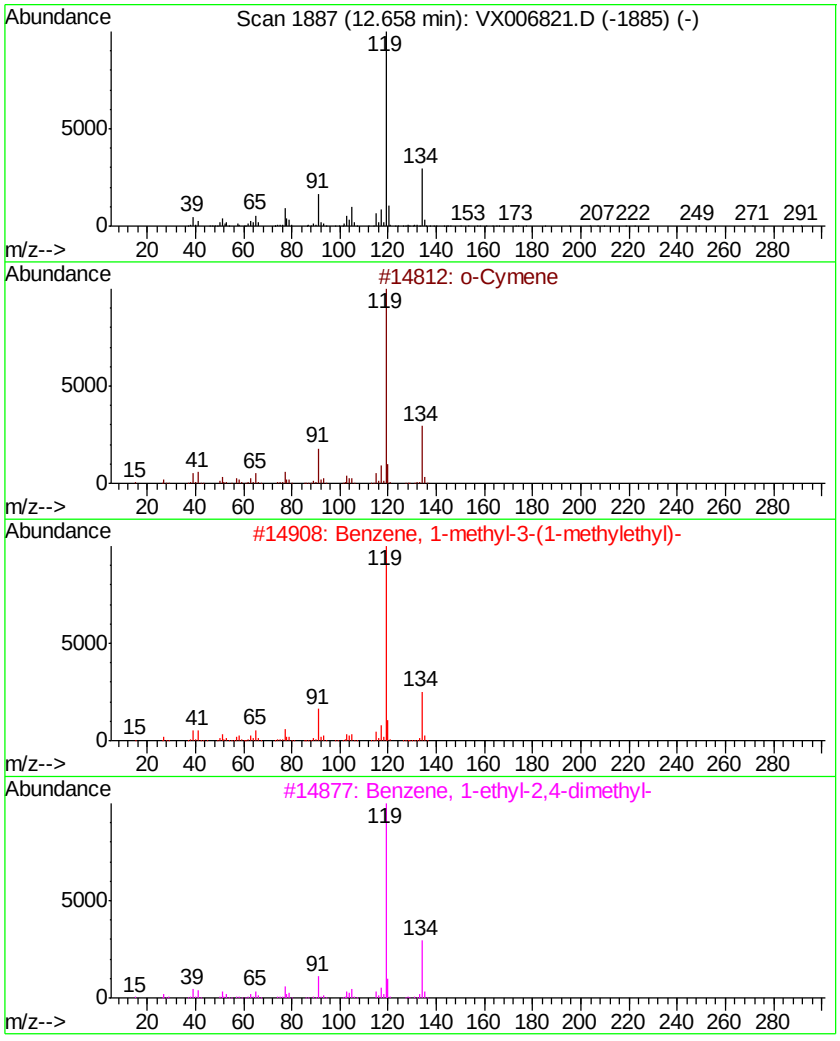
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

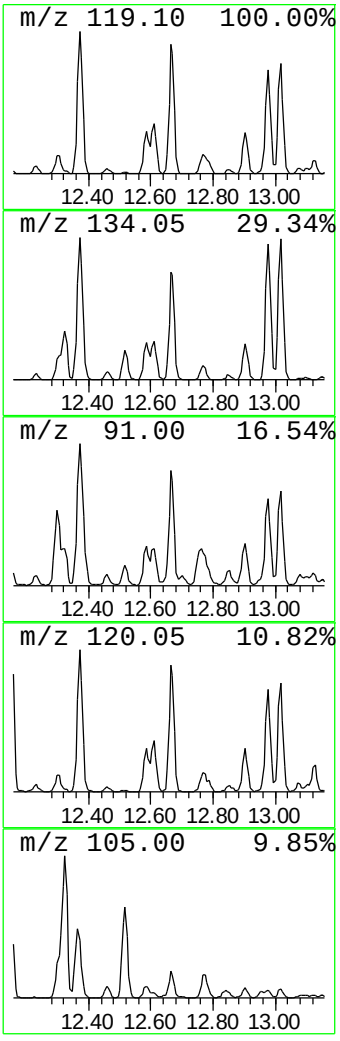
****

Peak Number 6 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	22.87 ug/l	1451240	1,4-Dichlorobenzene-d4	12.08

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	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

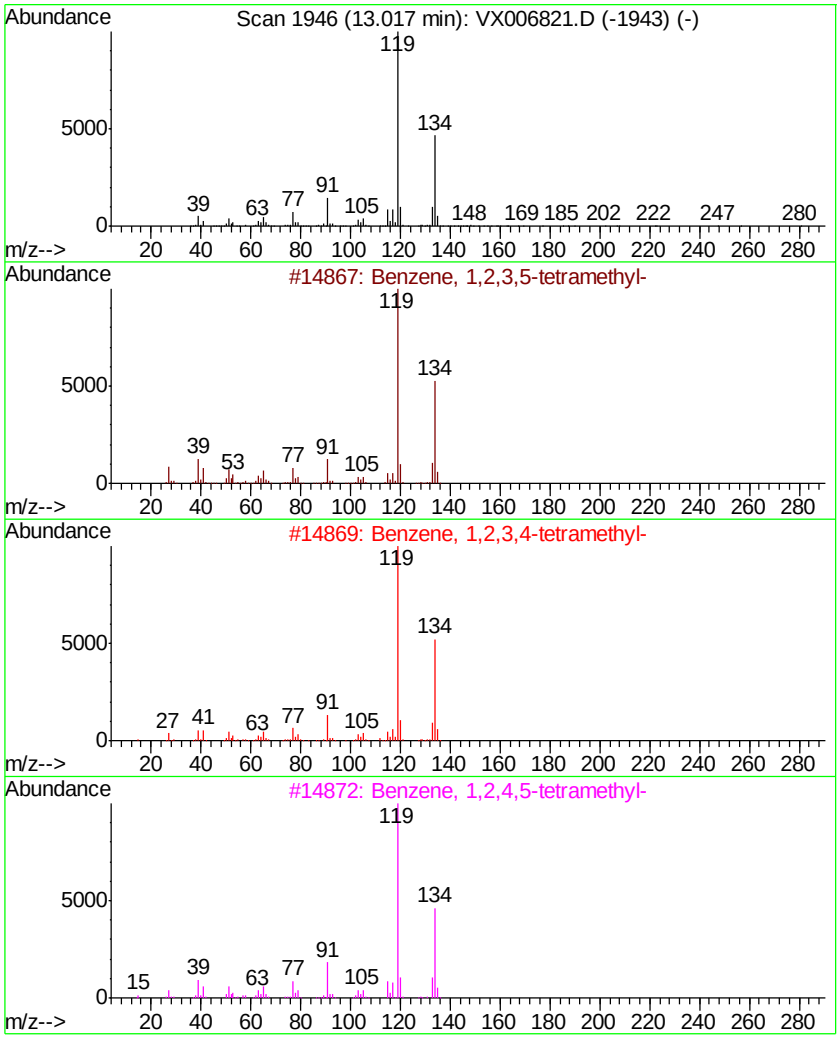
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

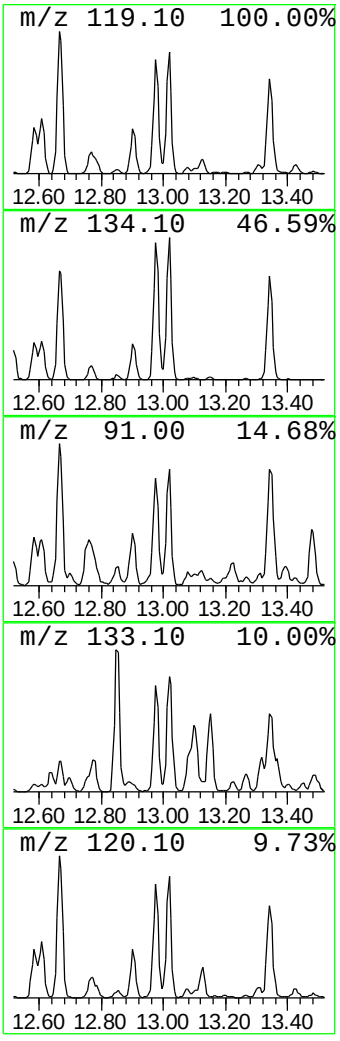
****

Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	22.11 ug/l	1403120	1,4-Dichlorobenzene-d4	12.08

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	95
5	o-Cymene	134	C10H14	000527-84-4	95





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Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

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

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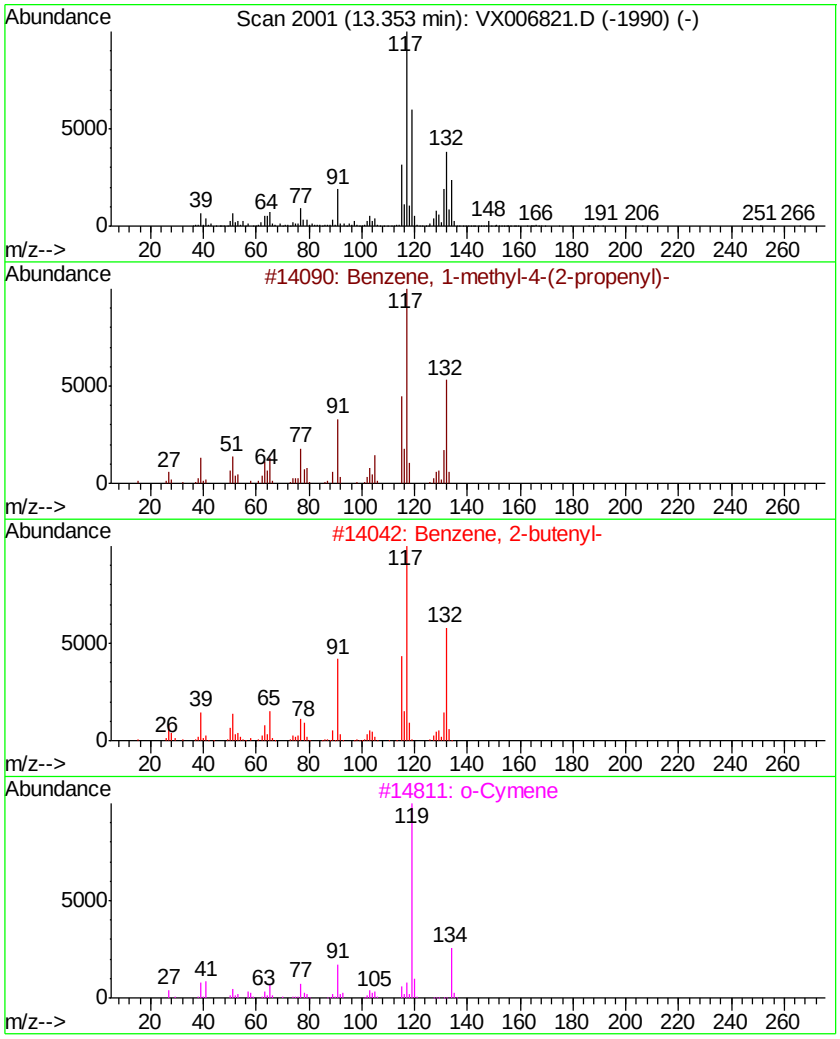
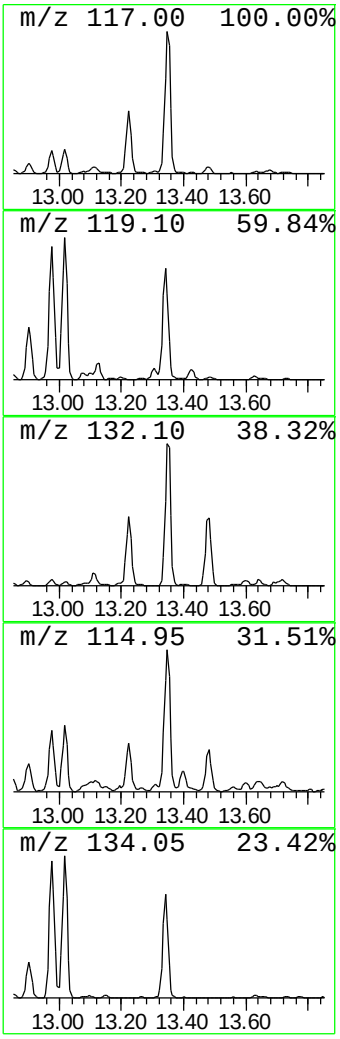
Peak Number 9 Benzene, 1-methyl-4-(2-prop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	36.32 ug/l	2304960	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
3	o-Cymene	134	C10H14	000527-84-4	50
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	50
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260

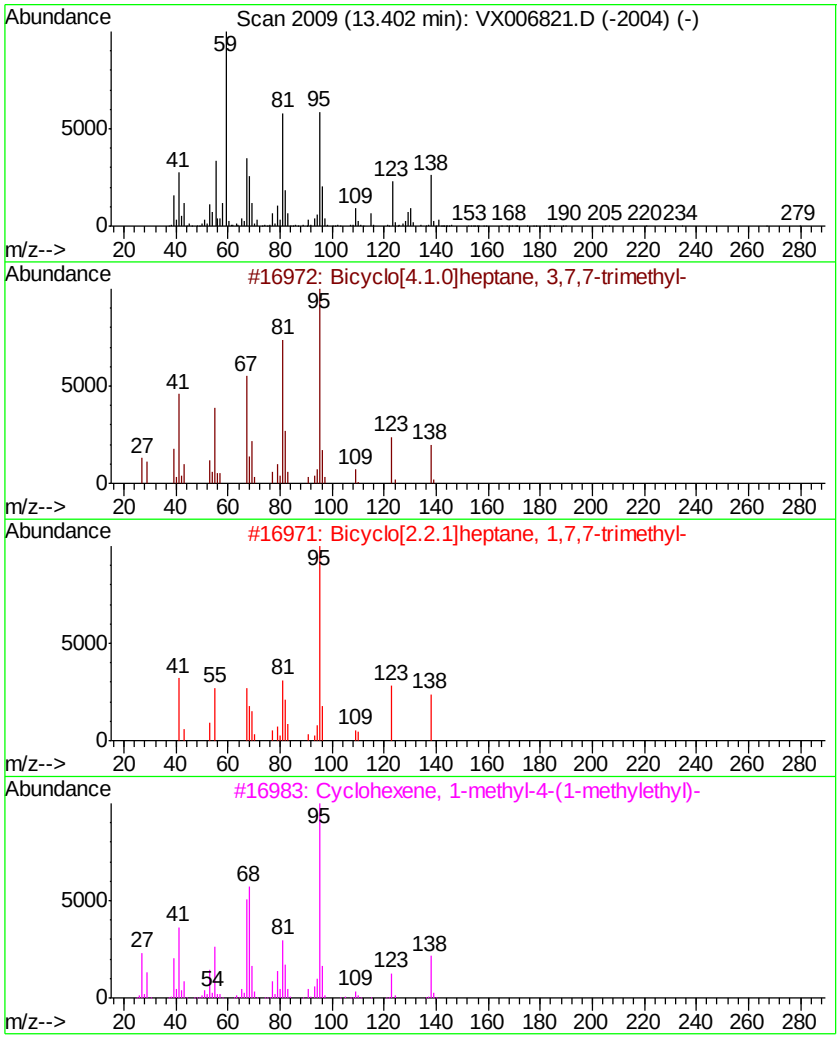
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

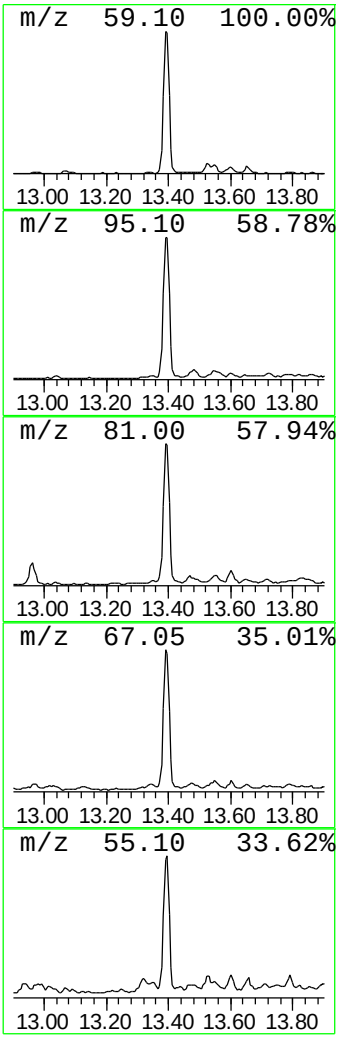
****

Peak Number 10 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	28.15 ug/l	1786440	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	64
2	Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	50
3	Cyclohexene, 1-methyl-4-(1-methy...	138	C10H18	005502-88-5	50
4	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	50
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122618\
Data File : VX006821.D
Acq On : 26 Dec 2018 16:29
Operator : JC/MD
Sample : J6549-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.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	27.5	ug/l	1743020	4	12.08	3173300	50.0
Benzene, 1,2,3-tr...	12.14	47.0	ug/l	2986210	4	12.08	3173300	50.0
(Z)-1-Phenylpropene	12.30	18.7	ug/l	1188340	4	12.08	3173300	50.0
Benzene, 2-ethyl-...	12.37	32.2	ug/l	2043750	4	12.08	3173300	50.0
o-Cymene	12.66	22.9	ug/l	1451240	4	12.08	3173300	50.0
Benzene, 1,2,3,5-...	13.02	22.1	ug/l	1403120	4	12.08	3173300	50.0
Benzene, 1-methyl...	13.35	36.3	ug/l	2304960	4	12.08	3173300	50.0
Bicyclo[4.1.0]hep...	13.40	28.1	ug/l	1786440	4	12.08	3173300	50.0