LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 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 : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.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	1.075	76	80	93	rBV	342809	404370	14.37%	2.441%
2	1.788	191	197	206	rBV	81877	117160	4.16%	0.707%
3	2.002	227	232	241	rVB2	55558	95041	3.38%	0.574%
4	2.117	247	251	258	rBV	25688	38960	1.38%	0.235%
5	2.270	271	276	287	rVB	53350	84038	2.99%	0.507%
6	2.843	350	370	373	rBV4	19603	67130	2.39%	0.405%
7	2.892	373	378	381	rVV2	47255	95996	3.41%	0.579%
8	2.934	381	385	396	rVB3	47022	114262	4.06%	0.690%
9	3.172	416	424	435	rVB	37804	88927	3.16%	0.537%
10	3.398	454	461	467	rBV2	13548	29859	1.06%	0.180%
11	3.526	473	482	492	rVB2	23569	56191	2.00%	0.339%
12	3.818	524	530	538	rVB	20177	46350	1.65%	0.280%
13	3.922	540	547	554	rBV3	12397	32053	1.14%	0.193%
14	4.196	580	592	604	rVB2	18881	51512	1.83%	0.311%
15	4.404	615	626	639	rVV2	71292	213032	7.57%	1.286%
16	5.306	762	774	786	rVB	34284	103690	3.69%	0.626%
17	5.513	796	808	814	rBV2	73231	209196	7.43%	1.263%
18	5.580	814	819	826	rVV2	39834	119561	4.25%	0.722%
19	5.672	826	834	851	rVB	116526	343558	12.21%	2.074%
20	6.080	890	901	907	rBV	78260	205708	7.31%	1.242%
21	6.153	907	913	923	rVB2	43950	106547	3.79%	0.643%
22	6.873	1021	1031	1039	rBV	183410	449391	15.97%	2.713%
23	7.263	1087	1095	1103	rBV4	12844	28687	1.02%	0.173%
24	7.470	1116	1129	1139	rVB4	33062	85876	3.05%	0.518%
25	8.220	1241	1252	1257	rBV	18703	38831	1.38%	0.234%
26	8.580	1305	1311	1320	rVB3	16004	29135	1.04%	0.176%
27	8.720	1328	1334	1341	rBV	389466	627258	22.29%	3.786%
28	8.793	1341	1346	1352	rVB	82628	128386	4.56%	0.775%
29	10.122	1557	1564	1572	rBV	429799	582861	20.72%	3.518%
30	10.256	1581	1586	1593	rVB	731120	982597	34.92%	5.931%
31	10.366	1597	1604	1616	rVB	2201678	2813684	100.00%	16.985%
32	10.707	1654	1660	1670	rVB	675042	859336	30.54%	5.187%
33	11.024	1705	1712	1717	rBV	38211	47192	1.68%	0.285%
34	11.146	1726	1732	1738	rBV	402188	507854	18.05%	3.066%

LSC Area Percent Report

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Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 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 : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Title : SW846 8260

35	11.366	1762	1768	1774	rBV	80046	97582	3.47%	0.589%
36	11.439	1774	1780	1782	rBV	345183	454276	16.15%	2.742%
37	11.512	1788	1792	1799	rVB	391628	462309	16.43%	2.791%
38	11.677	1813	1819	1828	rBV	320255	397167	14.12%	2.398%
39	11.817	1836	1842	1847	rVB	997582	1188236	42.23%	7.173%
40	12.030	1872	1877	1881	rBV	24434	31991	1.14%	0.193%
41	12.085	1881	1886	1892	rVV	605163	744281	26.45%	4.493%
42	12.152	1892	1897	1902	rVB	277068	342471	12.17%	2.067%
43	12.305	1917	1922	1930	rBV2	385342	563976	20.04%	3.404%
44	12.378	1930	1934	1945	rVB2	171421	236542	8.41%	1.428%
45	12.475	1945	1950	1954	rBV3	36444	52059	1.85%	0.314%
46	12.524	1954	1958	1964	rVB	41766	52279	1.86%	0.316%
47	12.591	1964	1969	1971	rBV	85158	106609	3.79%	0.644%
48	12.615	1971	1973	1978	rVB	83572	97921	3.48%	0.591%
49	12.676	1978	1983	1986	rBV	153129	176157	6.26%	1.063%
50	12.707	1986	1988	1992	rVB2	36852	41074	1.46%	0.248%
51	12.762	1992	1997	2005	rBV2	118877	168685	6.00%	1.018%
52	12.914	2017	2022	2026	rVB2	41022	52578	1.87%	0.317%
53	12.987	2026	2034	2037	rBV	78592	100860	3.58%	0.609%
54	13.024	2037	2040	2046	rVB	141943	163890	5.82%	0.989%
55	13.103	2046	2053	2056	rBV3	17639	34515	1.23%	0.208%
56	13.231	2070	2074	2078	rVB	78702	93916	3.34%	0.567%
57	13.359	2090	2095	2100	rVB2	194088	265309	9.43%	1.602%
58	13.487	2112	2116	2122	rVB2	38026	50695	1.80%	0.306%
59	13.609	2132	2136	2139	rBV2	26129	35919	1.28%	0.217%
60	13.652	2139	2143	2149	rVV3	32473	63989	2.27%	0.386%
61	13.731	2153	2156	2162	rVB2	27478	44967	1.60%	0.271%
62	13.841	2168	2174	2182	rBV	367444	452693	16.09%	2.733%
63	13.932	2184	2189	2194	rBV	23250	30735	1.09%	0.186%
64	14.280	2241	2246	2253	rBV4	19666	33920	1.21%	0.205%
65	14.707	2311	2316	2326	rVB	53255	72664	2.58%	0.439%
66	14.847	2334	2339	2349	rVB2	37675	51328	1.82%	0.310%

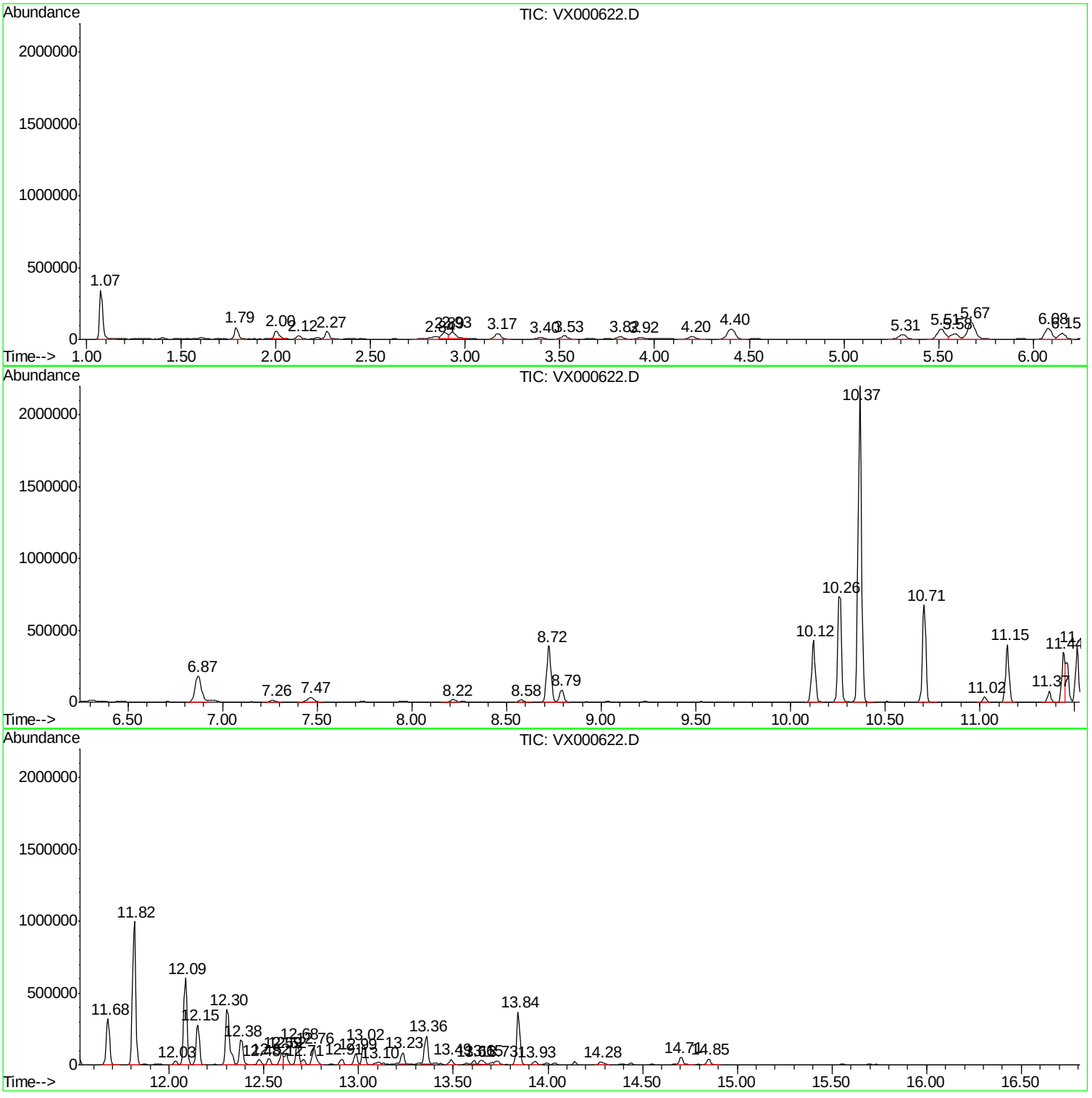
Sum of corrected areas: 16565822

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

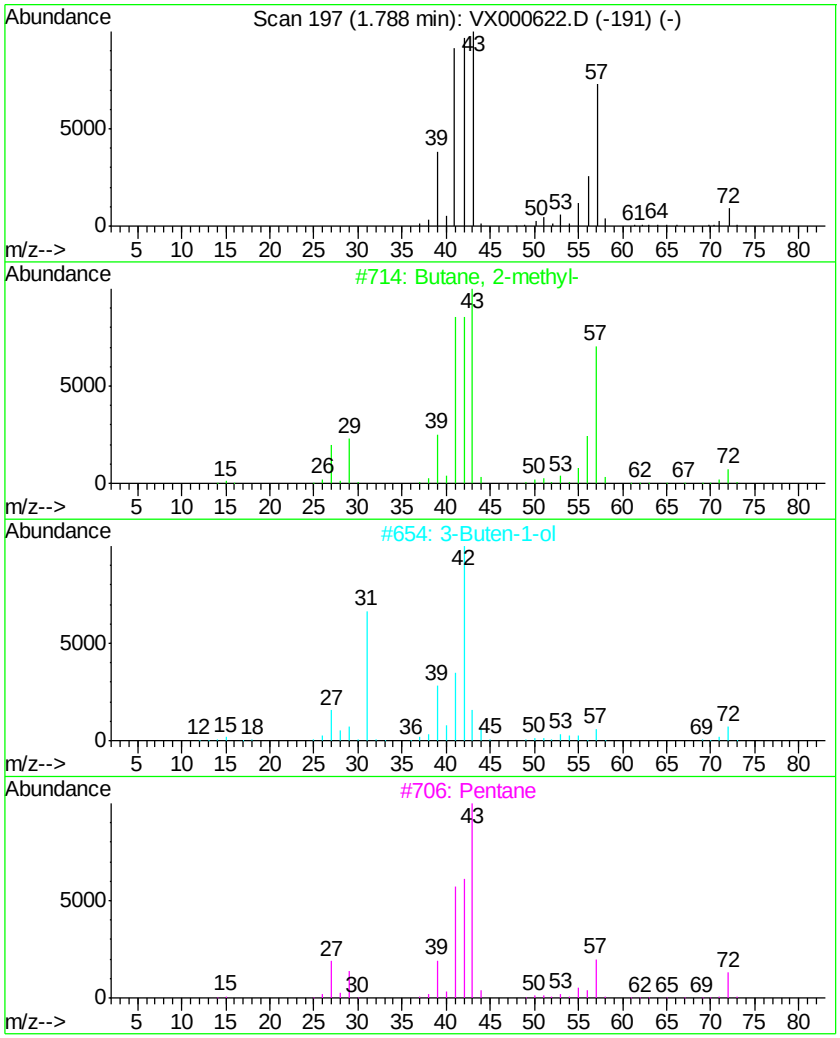
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

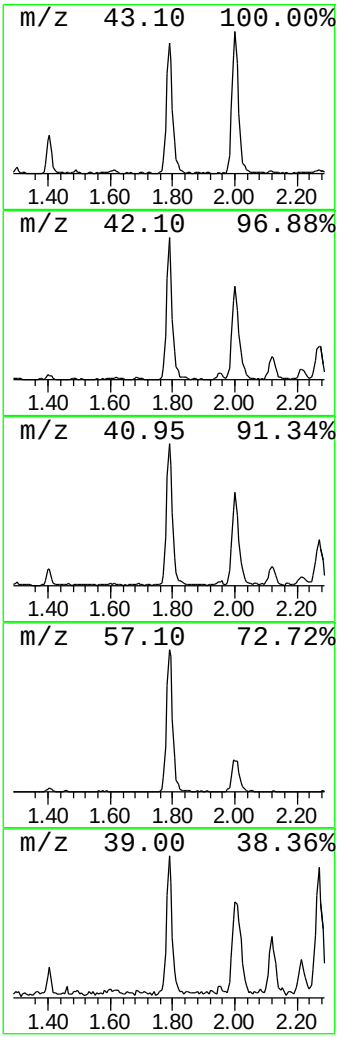
****

Peak Number 2 Butane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	17.05 ug/l	117160	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	81
2	3-Buten-1-ol	72	C4H8O	000627-27-0	50
3	Pentane	72	C5H12	000109-66-0	28
4	Propane, 2-methyl-1-nitro-	103	C4H9NO2	000625-74-1	17
5	Cyclobutane	56	C4H8	000287-23-0	11





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

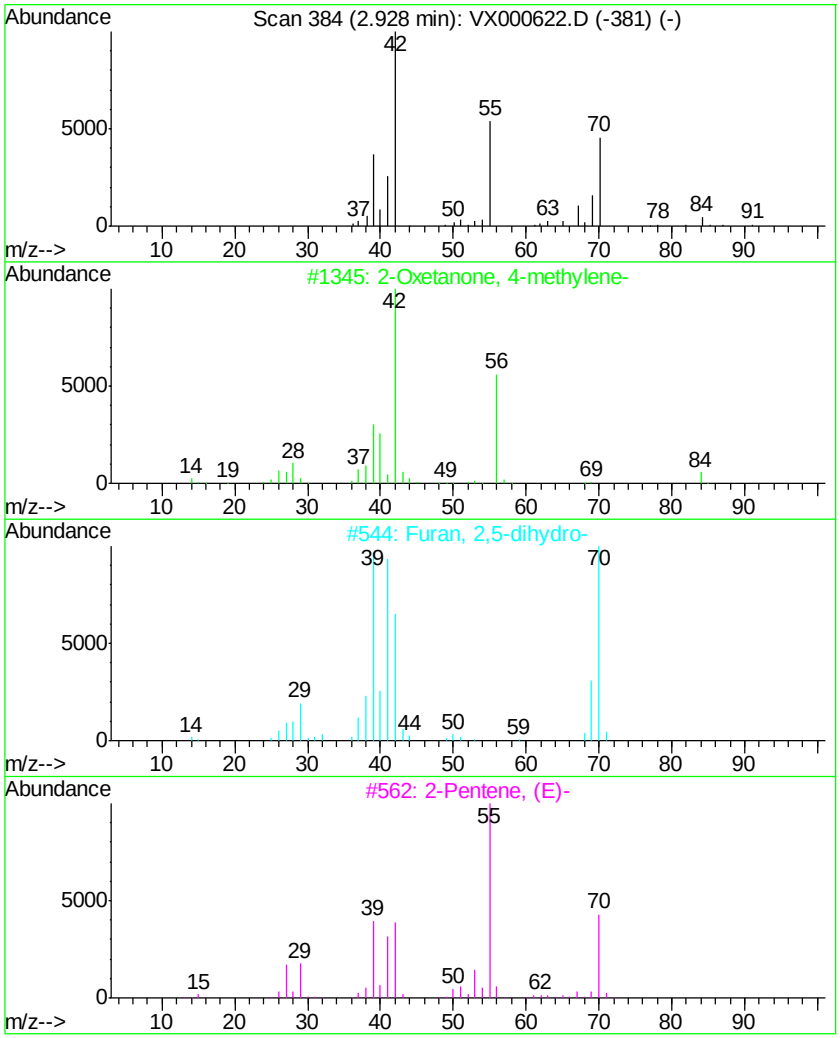
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

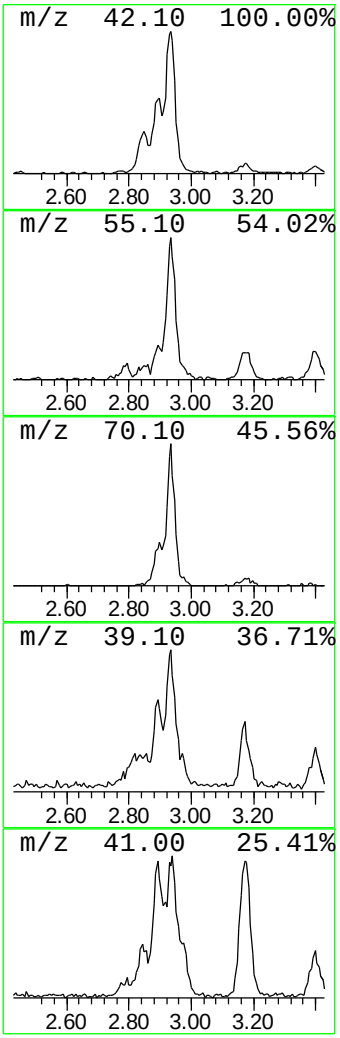
****

Peak Number 3 unknown2.93 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	16.63 ug/l	114262	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxetanone, 4-methylene-	84	C4H4O2	000674-82-8	23
2	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	16
3	2-Pentene, (E)-	70	C5H10	000646-04-8	9
4	Methacrolein	70	C4H6O	000078-85-3	9
5	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	9





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

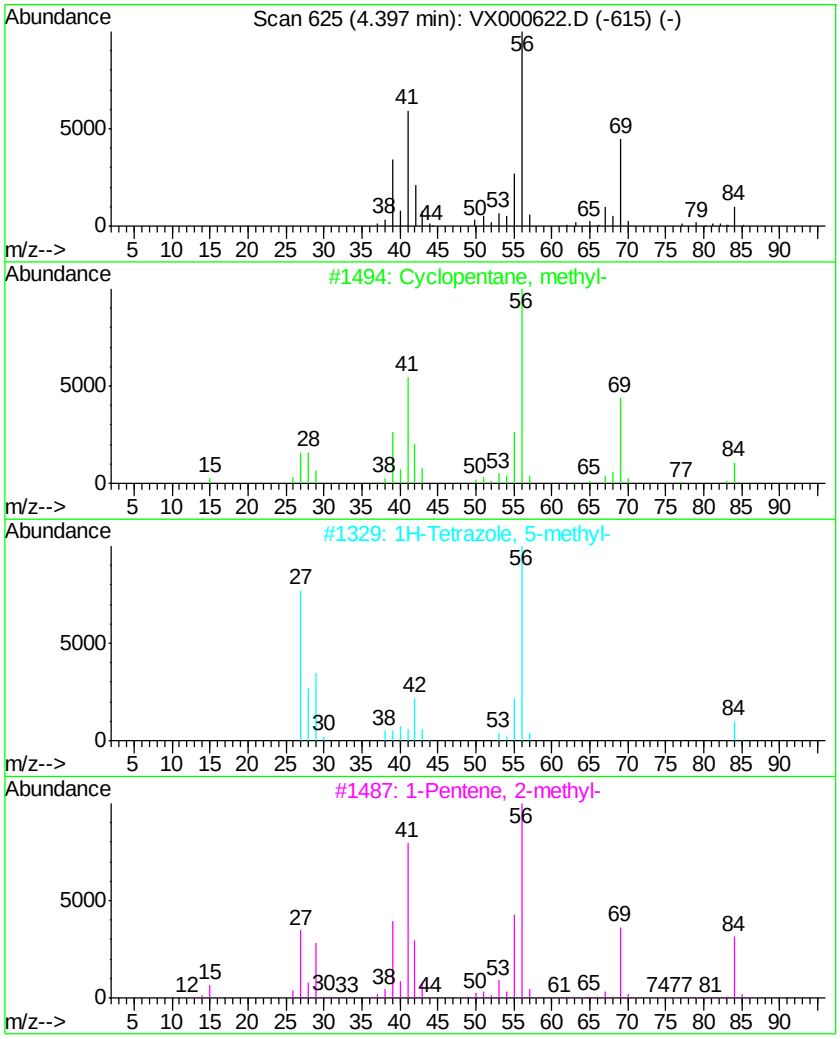
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

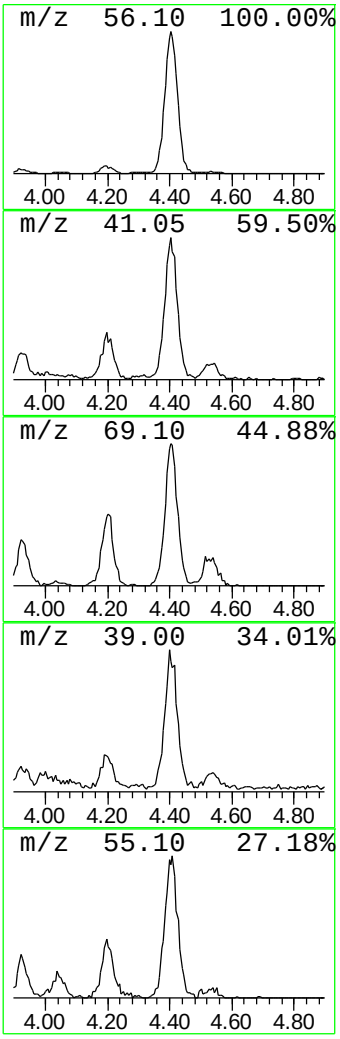
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	31.00 ug/l	213032	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

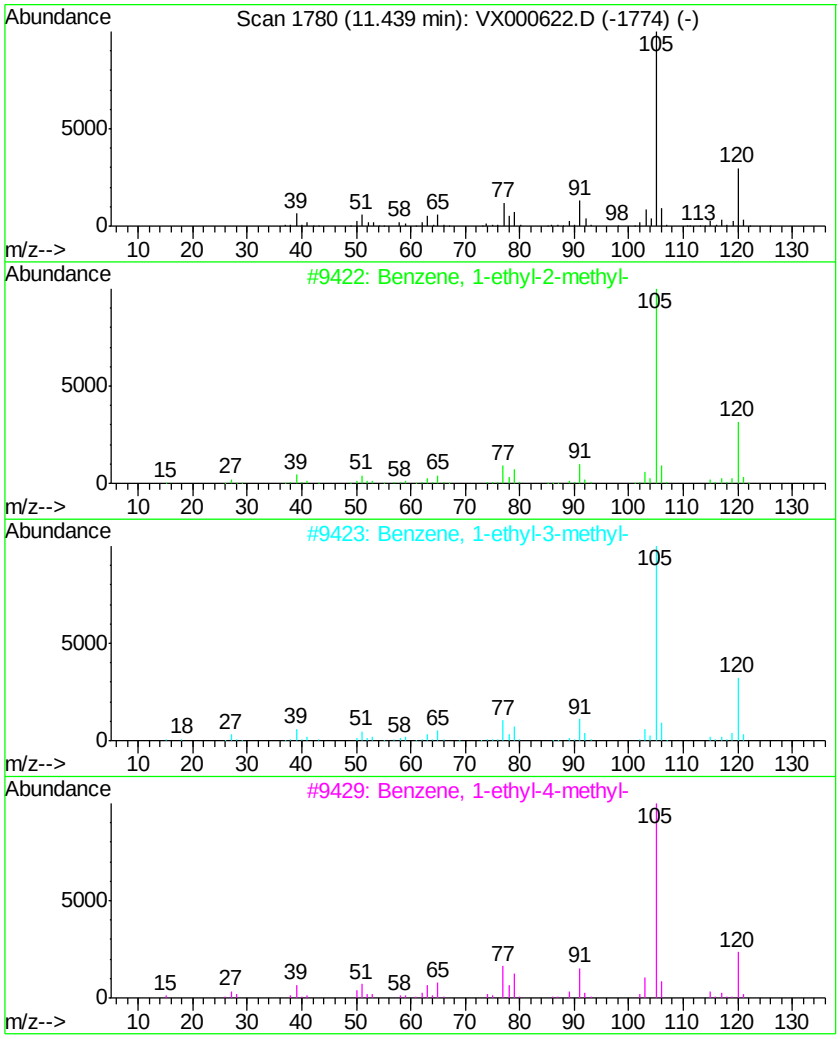
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

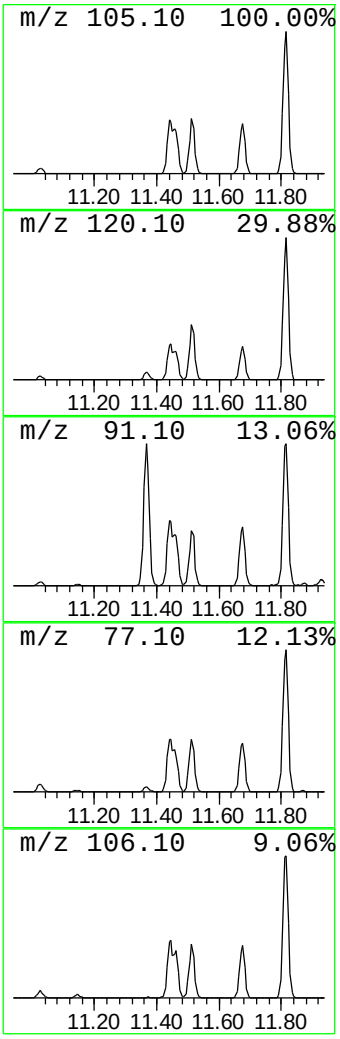
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	30.52 ug/l	454276	1,4-Dichlorobenzene-d4	12.09

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-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
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Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

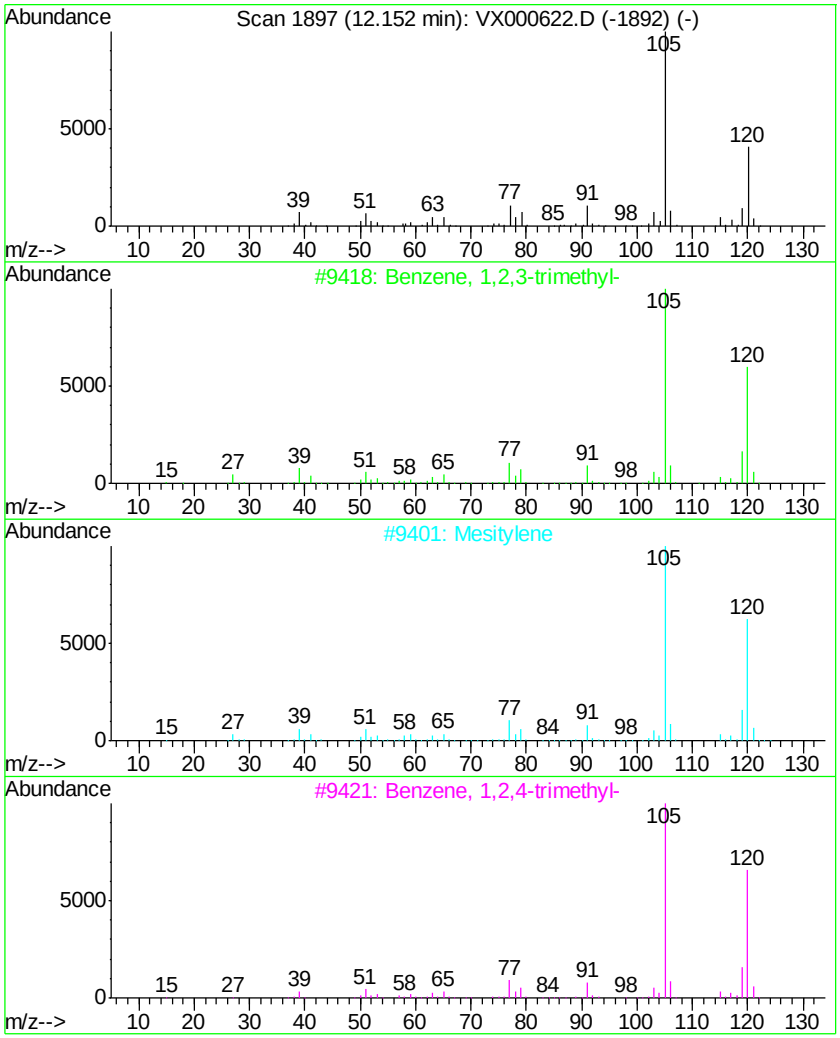
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

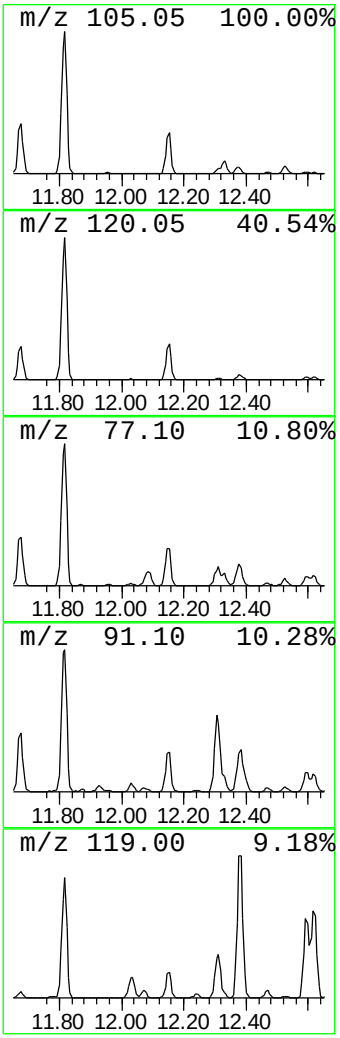
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	23.01 ug/l	342471	1,4-Dichlorobenzene-d4	12.09

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93





Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

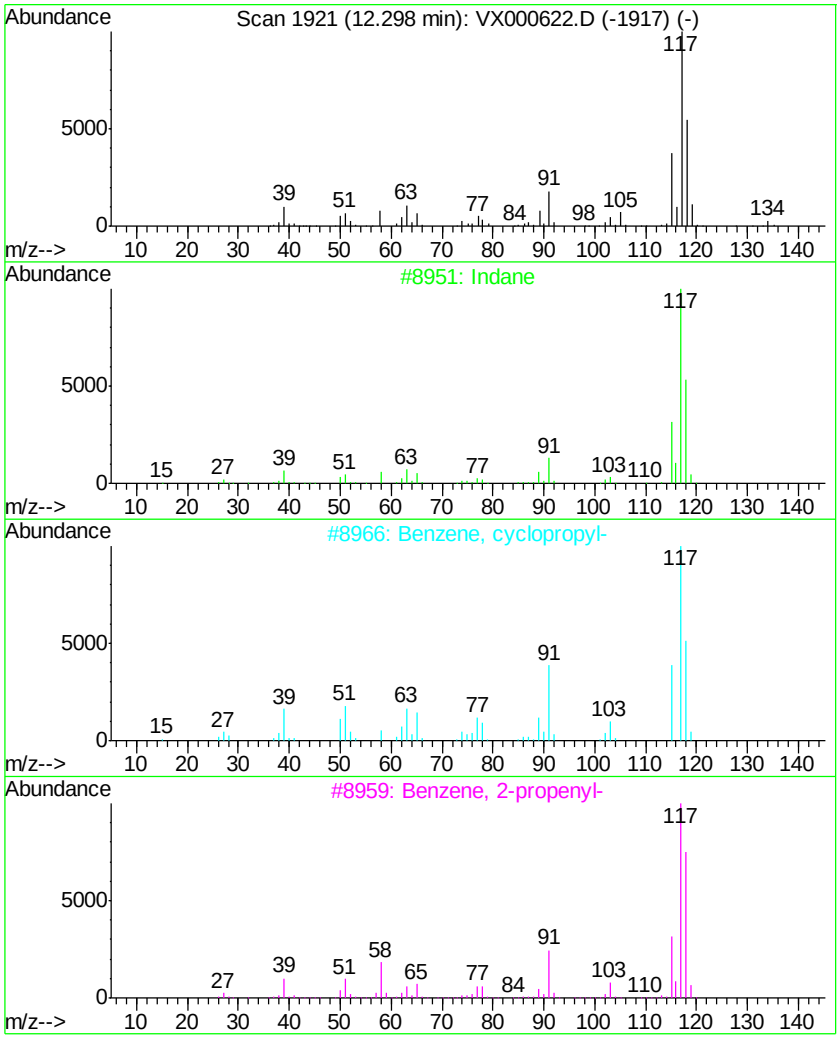
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

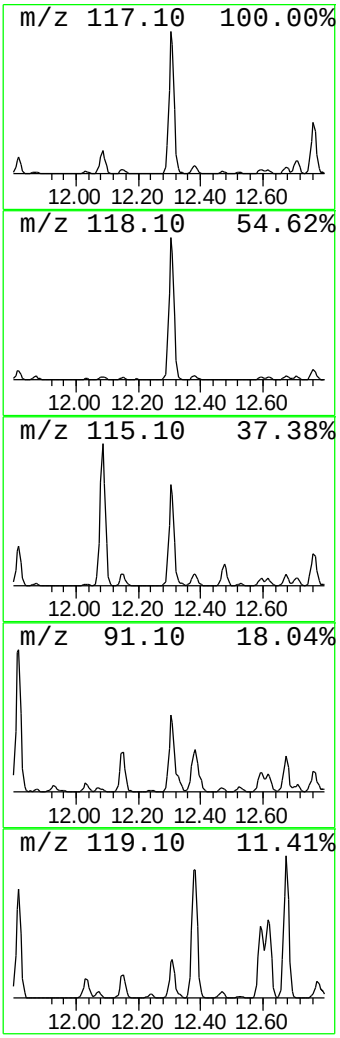
****

Peak Number 8 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	37.89 ug/l	563976	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	68
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

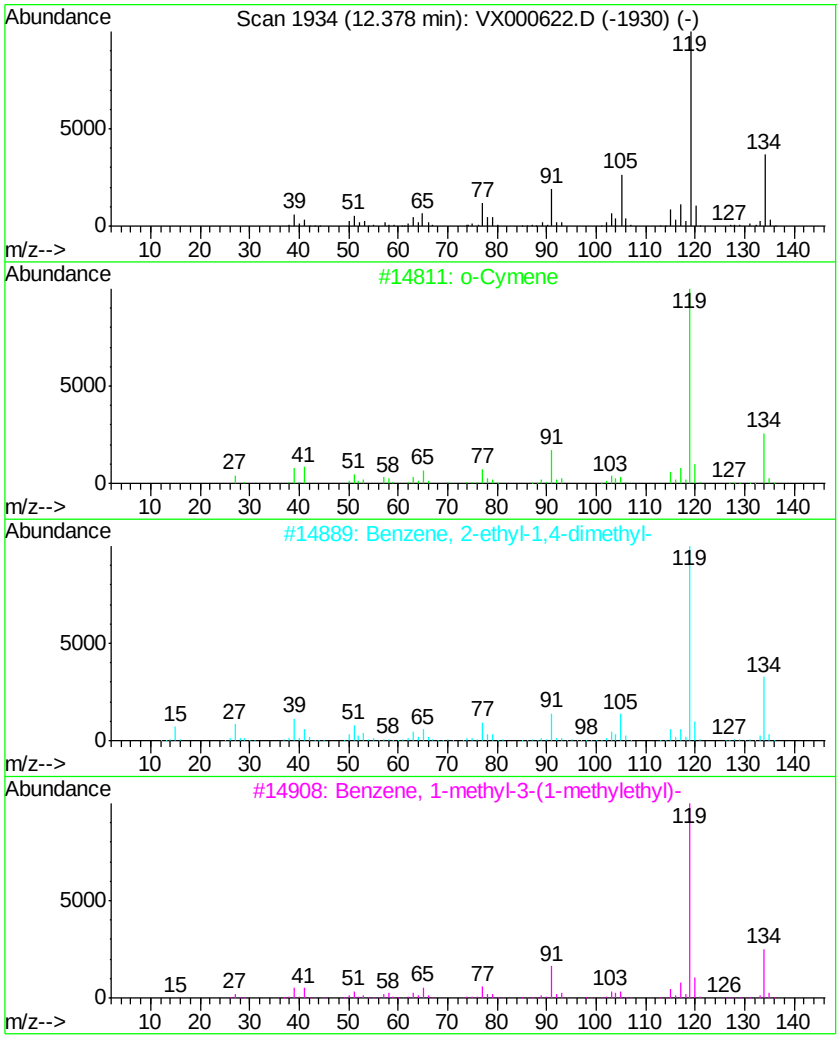
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

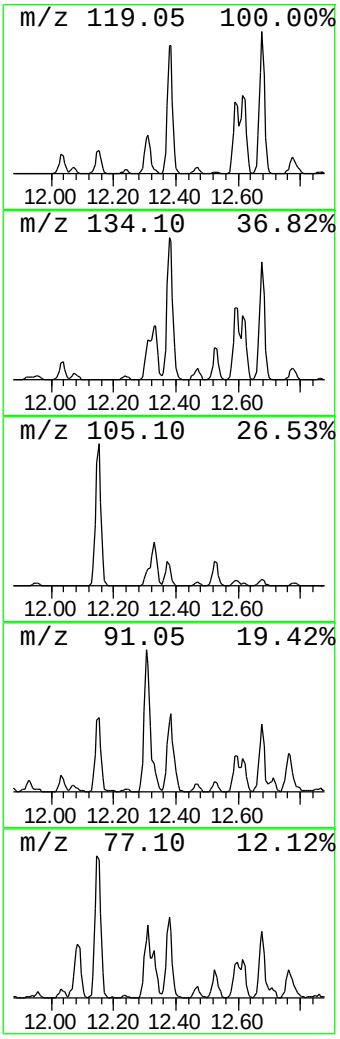
****

Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	15.89 ug/l	236542	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260

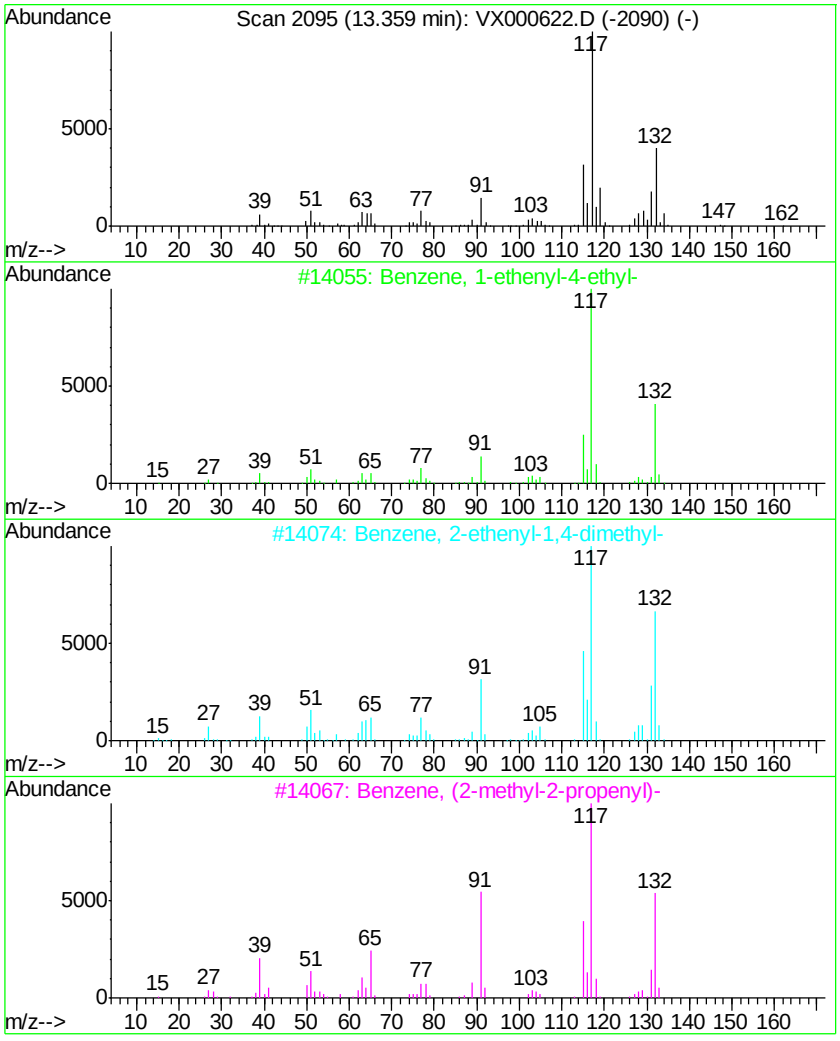
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

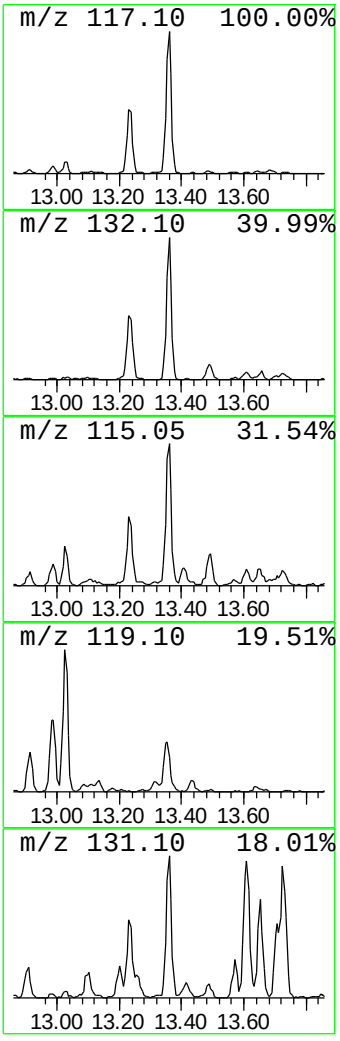
****

Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	17.82 ug/l	265309	1,4-Dichlorobenzene-d4	12.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	81





Tentatively Identified Compound (LSC) summary

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033118\
Data File : VX000622.D
Acq On : 01 Apr 2018 04:29
Operator : JC/MD
Sample : J2132-09 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.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
Butane, 2-methyl-	1.79	17.1	ug/l	117160	1	5.67	343558	50.0
unknown2.93	2.93	16.6	ug/l	114262	1	5.67	343558	50.0
Cyclopentane, met...	4.40	31.0	ug/l	213032	1	5.67	343558	50.0
Benzene, 1-ethyl-...	11.44	30.5	ug/l	454276	4	12.09	744281	50.0
Benzene, 1,2,3-tr...	12.15	23.0	ug/l	342471	4	12.09	744281	50.0
Indane	12.30	37.9	ug/l	563976	4	12.09	744281	50.0
o-Cymene	12.38	15.9	ug/l	236542	4	12.09	744281	50.0
Benzene, 1-etheny...	13.36	17.8	ug/l	265309	4	12.09	744281	50.0