LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

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\82X072418W.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	69	80	93	rBV	302559	344030	30.38%	4.352%
2	1.788	193	197	207	rVB	17795	26608	2.35%	0.337%
3	2.002	226	232	241	rBV	28290	41073	3.63%	0.520%
4	2.892	372	378	381	rBV	9482	19188	1.69%	0.243%
5	2.928	381	384	396	rVB	14258	27375	2.42%	0.346%
6	3.166	416	423	434	rVB	11938	28282	2.50%	0.358%
7	3.520	474	481	491	rBV2	13479	30107	2.66%	0.381%
8	4.398	615	625	638	rVB2	31993	94912	8.38%	1.201%
9	5.507	796	807	813	rBV	67658	195772	17.29%	2.476%
10	5.580	813	819	826	rVV3	48845	153406	13.55%	1.940%
11	5.666	826	833	855	rVB	89086	261631	23.10%	3.309%
12	5.934	866	877	889	rBV5	11941	39962	3.53%	0.505%
13	6.074	889	900	907	rVV2	78454	208192	18.38%	2.633%
14	6.141	907	911	921	rVV	34037	83987	7.42%	1.062%
15	6.257	921	930	939	rVV4	9236	29208	2.58%	0.369%
16	6.355	939	946	953	rVV2	9421	25514	2.25%	0.323%
17	6.458	954	963	973	rVB2	15255	43121	3.81%	0.545%
18	6.708	996	1004	1012	rBV2	10411	24086	2.13%	0.305%
19	6.867	1018	1030	1045	rBV	153090	358892	31.69%	4.540%
20	7.464	1116	1128	1141	rBV	137284	312447	27.59%	3.952%
21	7.732	1165	1172	1182	rVB	17730	34277	3.03%	0.434%
22	7.848	1184	1191	1198	rBV3	6869	13861	1.22%	0.175%
23	8.031	1214	1221	1231	rVB4	7872	17210	1.52%	0.218%
24	8.391	1275	1280	1286	rVB2	7325	14364	1.27%	0.182%
25	8.665	1316	1325	1328	rBV	30459	53757	4.75%	0.680%
26	8.720	1328	1334	1342	rVB	416506	665858	58.80%	8.423%
27	8.836	1348	1353	1358	rBV	16453	28050	2.48%	0.355%
28	8.915	1362	1366	1371	rVB	10116	16610	1.47%	0.210%
29	9.043	1381	1387	1394	rVB	27937	47039	4.15%	0.595%
30	9.165	1396	1407	1414	rVB	15748	25034	2.21%	0.317%
31	9.342	1430	1436	1441	rBV	23905	48336	4.27%	0.611%
32	9.573	1469	1474	1478	rBV3	12001	18167	1.60%	0.230%
33	9.622	1478	1482	1487	rVB	33143	46193	4.08%	0.584%
34	9.677	1487	1491	1496	rBV	26876	41196	3.64%	0.521%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

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\82X072418W.M
Title : SW846 8260

35	10.116	1558	1563	1569	rBV	309220	403806	35.66%	5.108%
36	10.189	1569	1575	1579	rVB	11066	16969	1.50%	0.215%
37	10.256	1579	1586	1594	rBV	403919	527627	46.59%	6.674%
38	10.360	1594	1603	1610	rBV	857896	1132435	100.00%	14.325%
39	10.646	1643	1650	1656	rBV6	6097	16168	1.43%	0.205%
40	10.701	1656	1659	1671	rVB2	7088	11870	1.05%	0.150%
41	10.835	1678	1681	1687	rVB	9743	13345	1.18%	0.169%
42	10.915	1690	1694	1707	rBV4	6947	12913	1.14%	0.163%
43	11.018	1707	1711	1716	rBV	46176	59515	5.26%	0.753%
44	11.140	1725	1731	1736	rBV	366478	454016	40.09%	5.743%
45	11.366	1762	1768	1775	rBV2	60954	98838	8.73%	1.250%
46	11.439	1775	1780	1782	rBV	116697	170564	15.06%	2.158%
47	11.506	1787	1791	1799	rVB	83974	107076	9.46%	1.354%
48	11.671	1812	1818	1827	rBV	104488	128237	11.32%	1.622%
49	11.811	1836	1841	1846	rVB	220465	259885	22.95%	3.287%
50	11.951	1861	1864	1869	rVB	9585	11901	1.05%	0.151%
51	12.030	1869	1877	1880	rBV	16249	21168	1.87%	0.268%
52	12.079	1880	1885	1891	rVV	371771	465197	41.08%	5.884%
53	12.146	1891	1896	1902	rVB	102132	124511	10.99%	1.575%
54	12.305	1917	1922	1924	rBV	30265	41929	3.70%	0.530%
55	12.323	1924	1925	1929	rVV	19932	19068	1.68%	0.241%
56	12.372	1929	1933	1942	rVB5	27917	45337	4.00%	0.573%
57	12.518	1953	1957	1963	rVB	16497	20124	1.78%	0.255%
58	12.591	1963	1969	1970	rBV	13554	17181	1.52%	0.217%
59	12.610	1970	1972	1976	rVB	16184	19084	1.69%	0.241%
60	12.670	1978	1982	1985	rBV	20297	22615	2.00%	0.286%
61	12.762	1992	1997	2003	rBV3	14984	32144	2.84%	0.407%
62	12.902	2016	2020	2025	rVB2	11918	17448	1.54%	0.221%
63	12.981	2029	2033	2036	rVV	11253	14084	1.24%	0.178%
64	13.024	2036	2040	2046	rVB	20411	28324	2.50%	0.358%
65	13.347	2089	2093	2098	rVB2	35618	46828	4.14%	0.592%
66	13.481	2111	2115	2125	rVB2	13999	19665	1.74%	0.249%
67	13.835	2166	2173	2181	rVB	39712	58538	5.17%	0.740%
68	14.701	2308	2315	2318	rBV	18860	24666	2.18%	0.312%
69	14.841	2333	2338	2346	rBV	18102	24745	2.19%	0.313%

Sum of corrected areas: 7905566

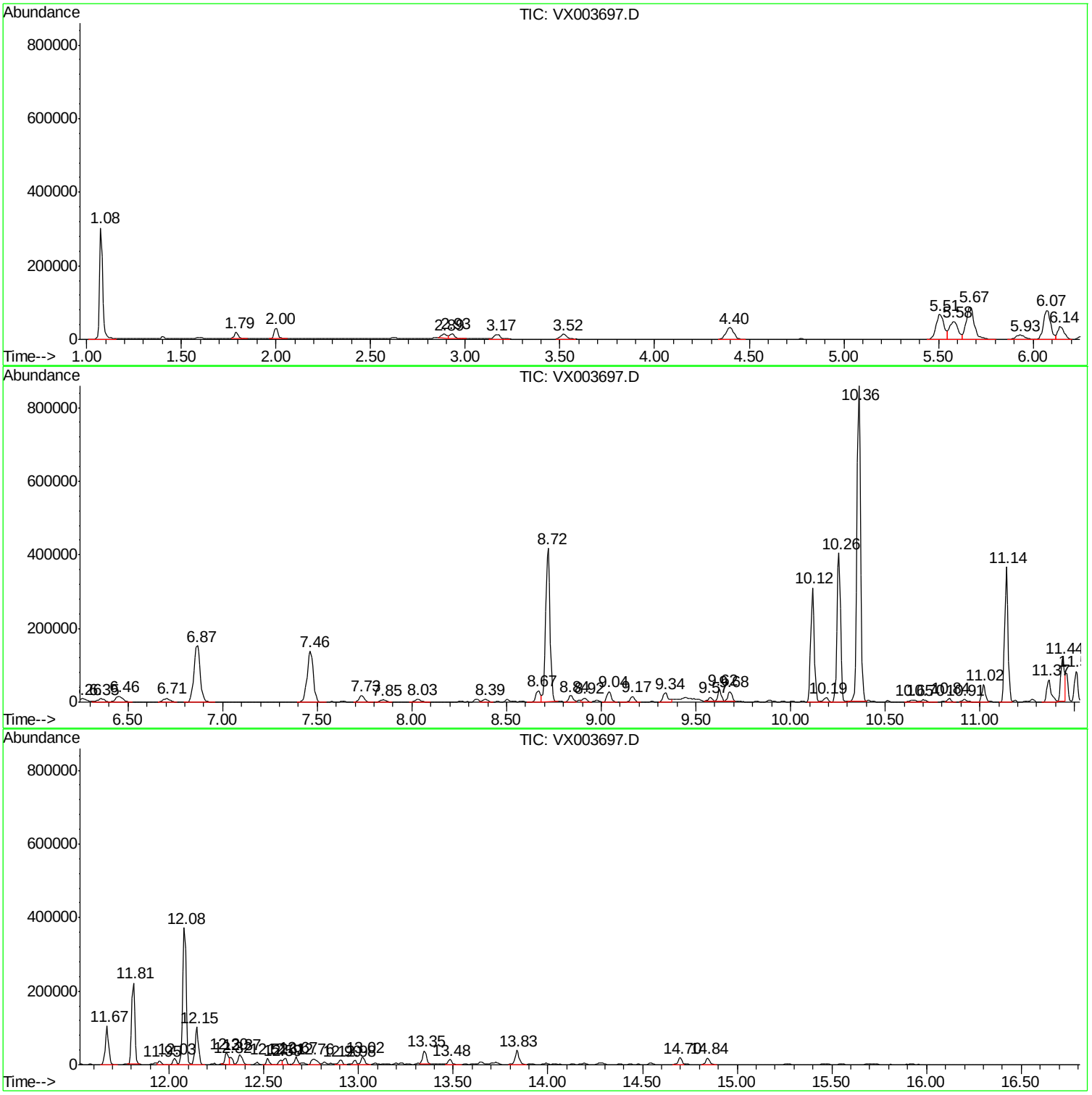
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

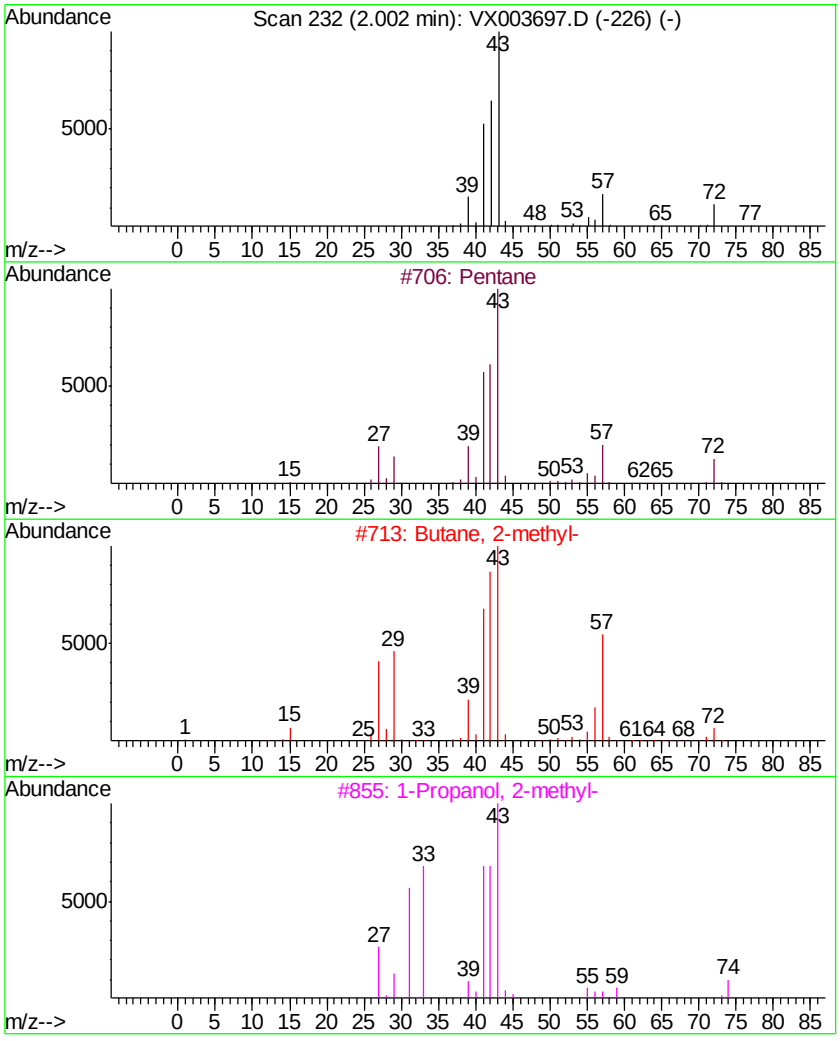
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

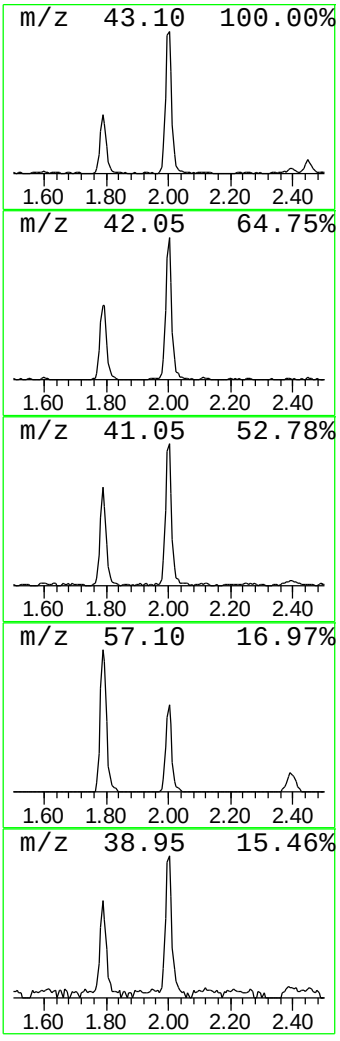
****

Peak Number 2 Pentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	7.85 ug/l	41073	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	45
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	39
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	33
5	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

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

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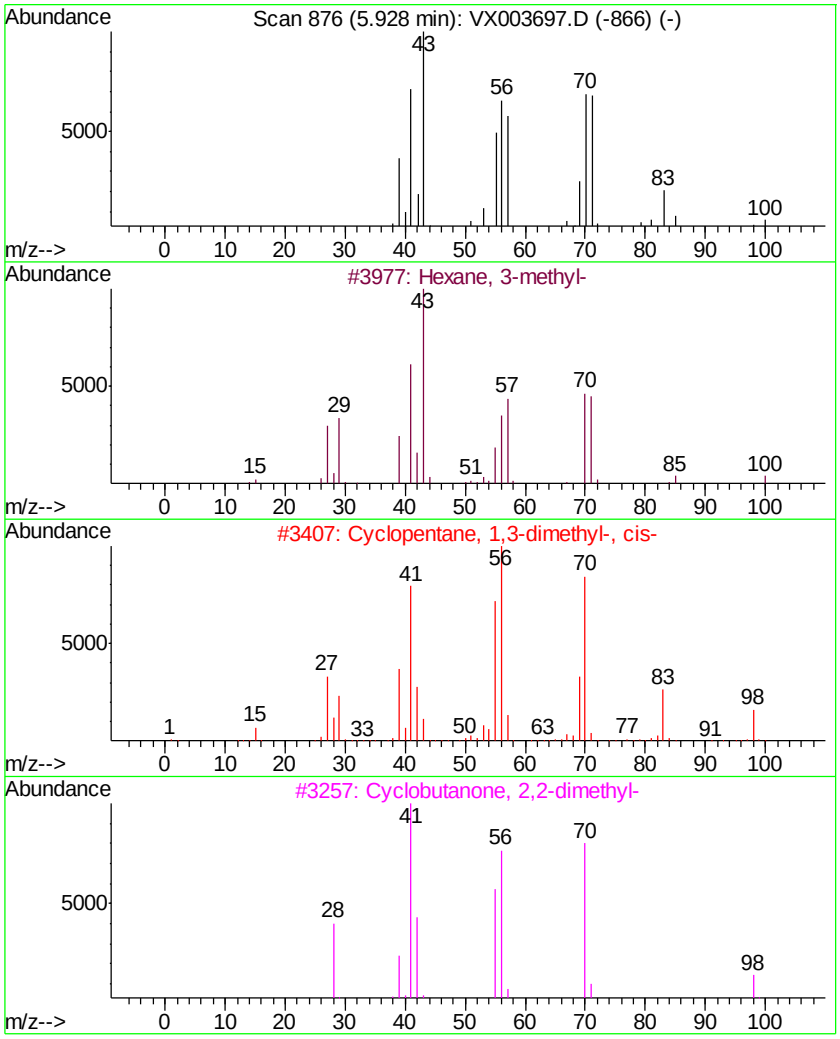
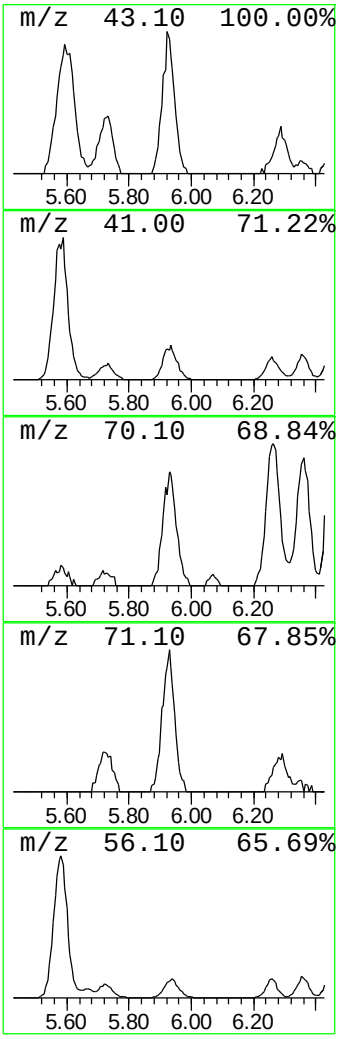
Peak Number 4 unknown5.93 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	7.64 ug/l	39962	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	49
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	47
3	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	47
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	47
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

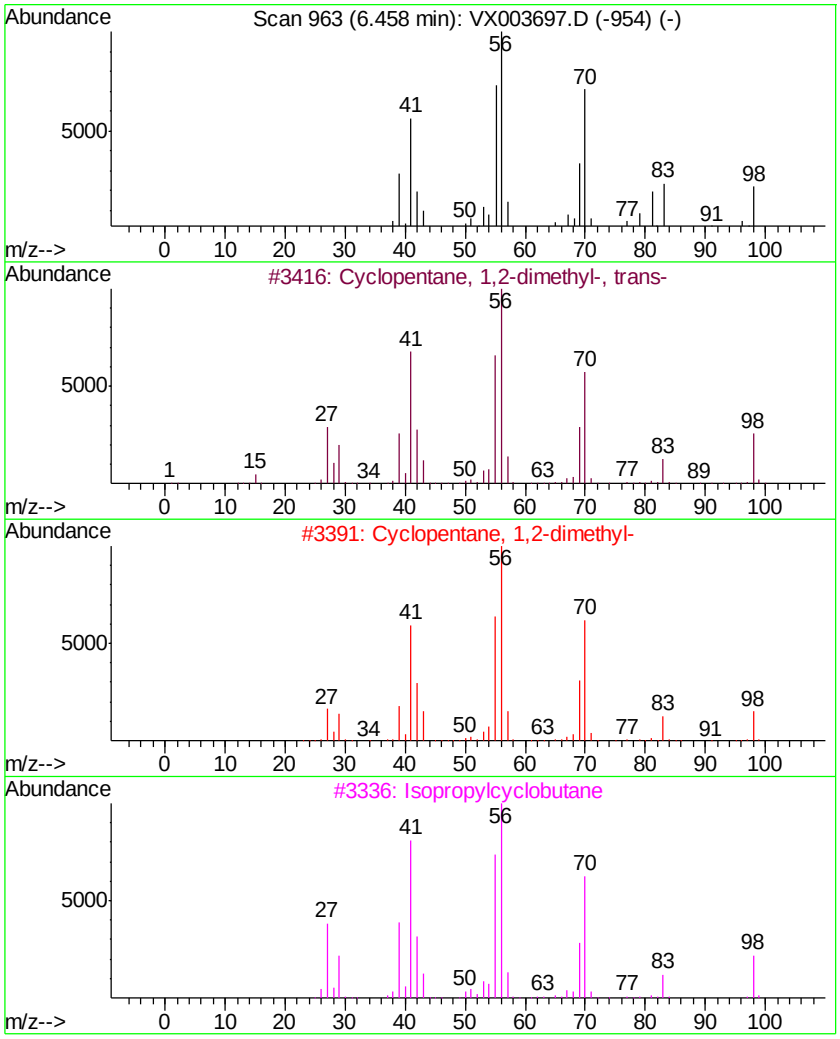
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

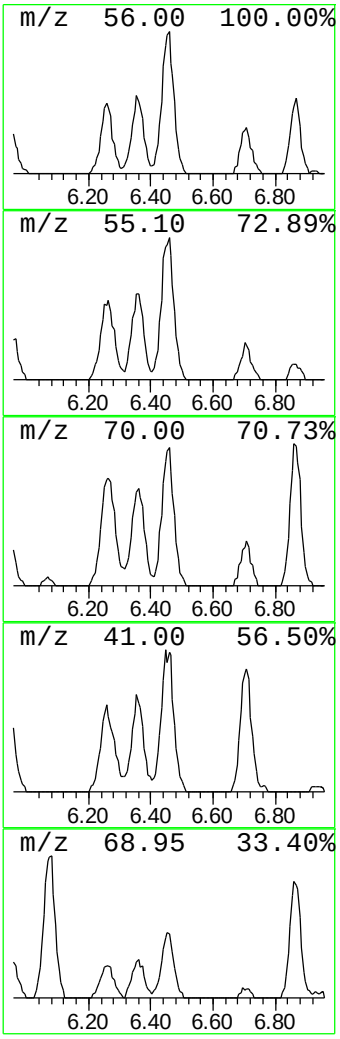
****

Peak Number 5 Cyclopentane, 1,2-dimethyl-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	6.01 ug/l	43121	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
3	Isopropylcyclobutane	98	C7H14	000872-56-0	87
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	72
5	3-Heptene	98	C7H14	000592-78-9	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

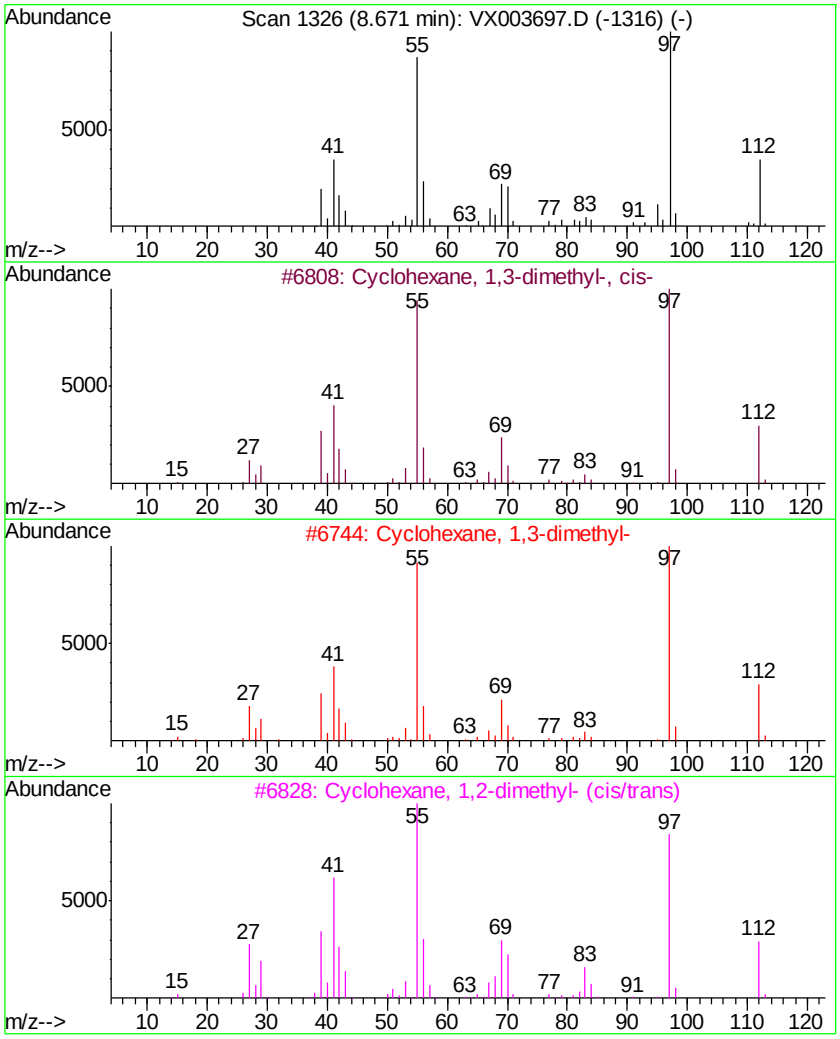
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

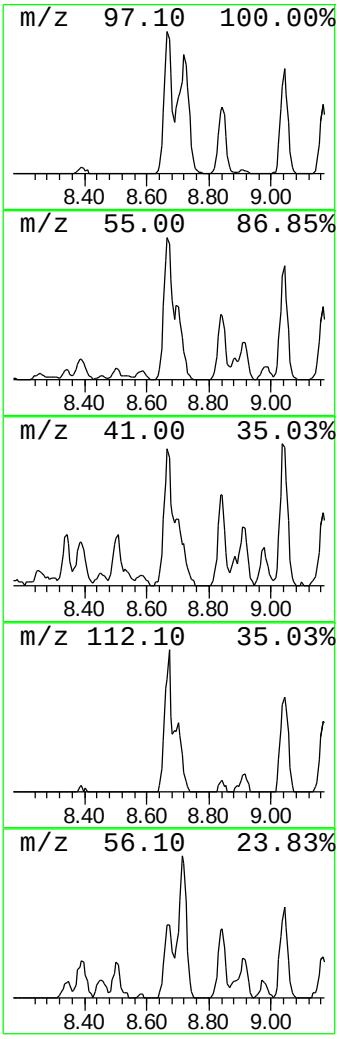
****

Peak Number 6 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	6.66 ug/l	53757	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
2	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	87
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	83
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

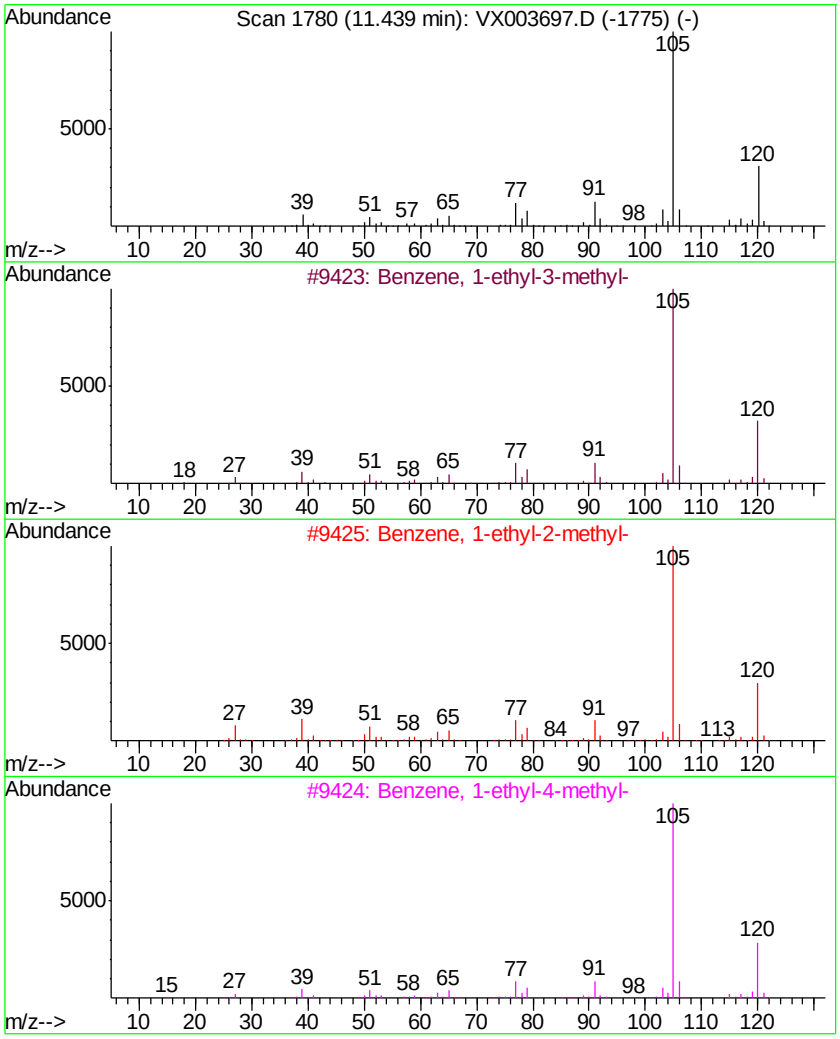
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

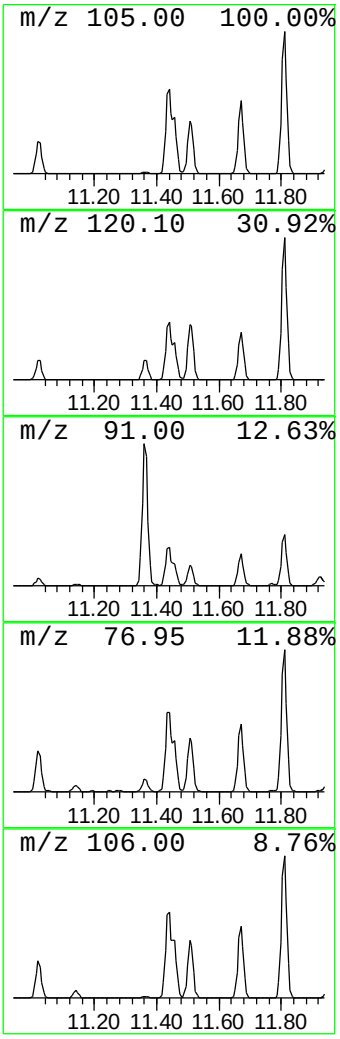
****

Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	18.33 ug/l	170564	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

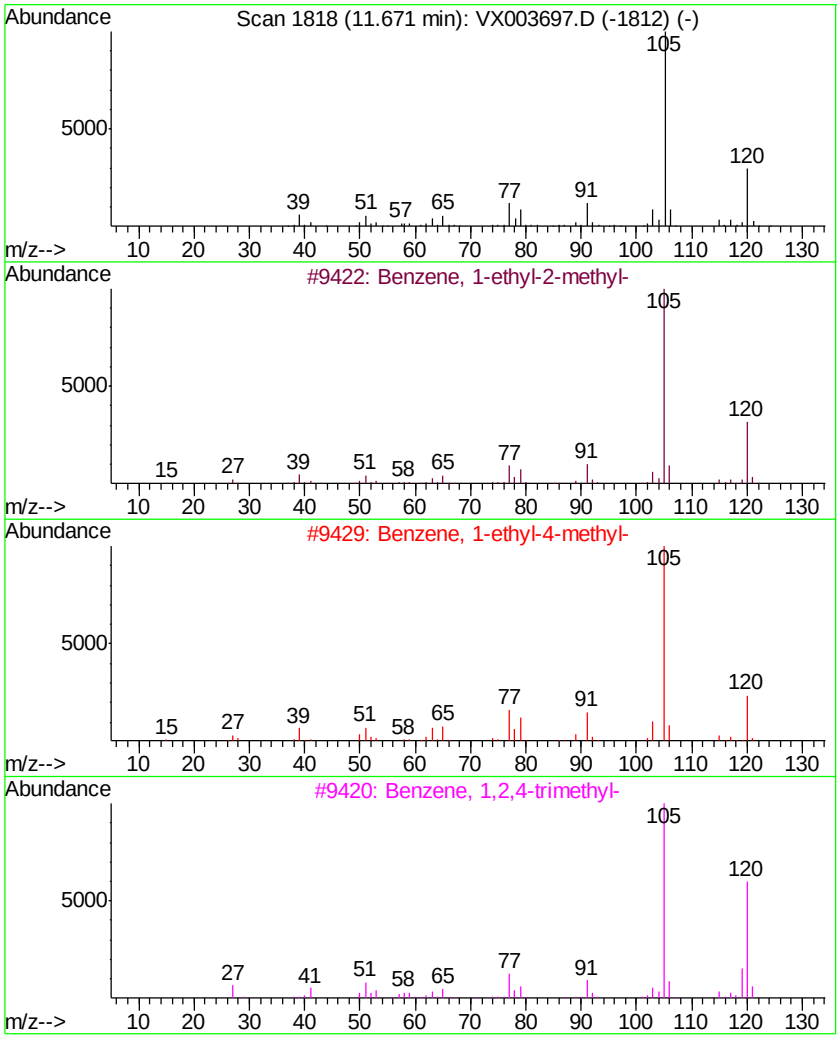
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

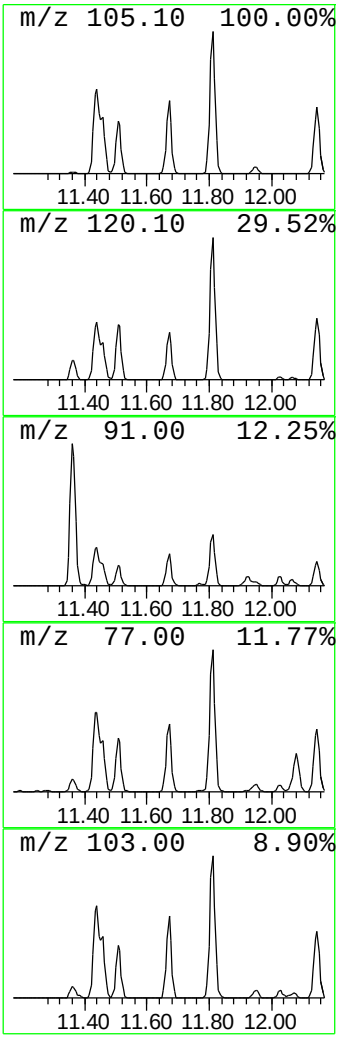
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	13.78 ug/l	128237	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260

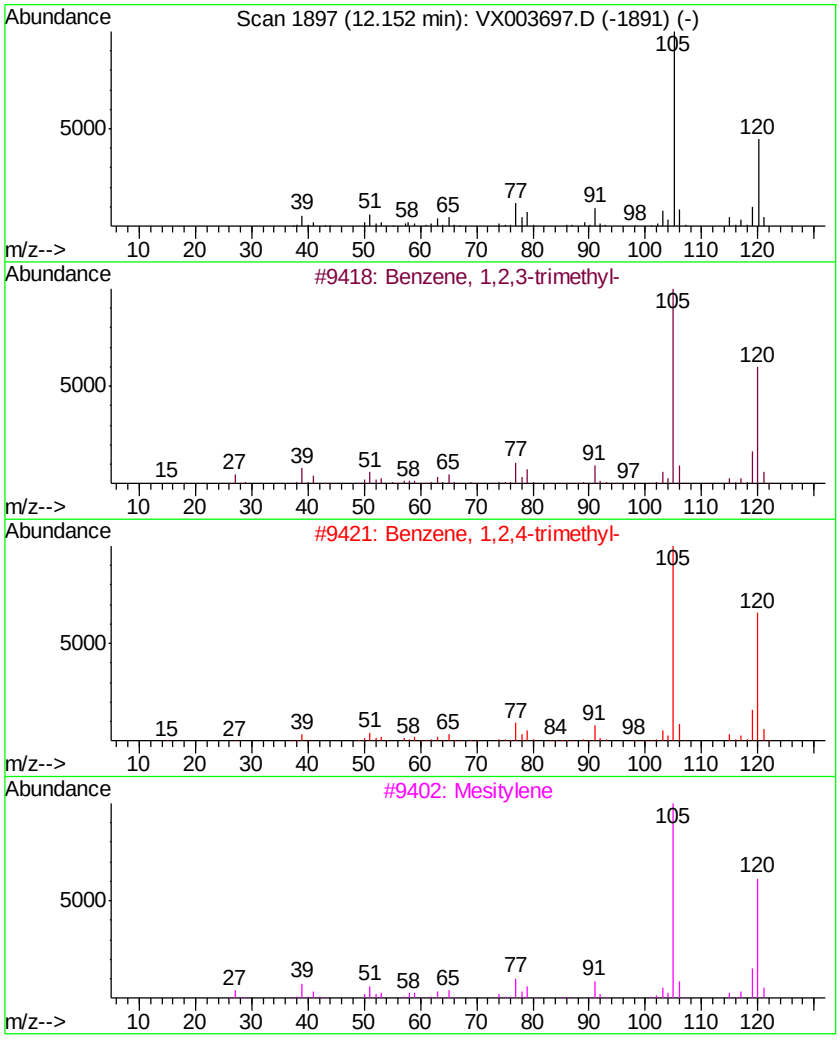
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

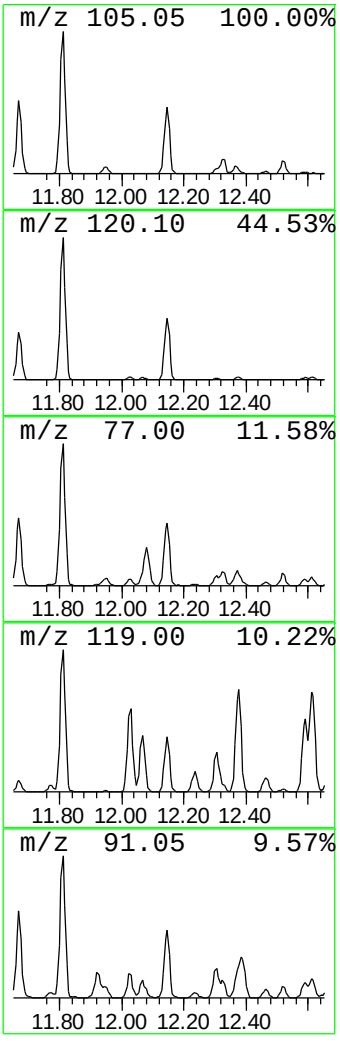
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	13.38 ug/l	124511	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	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003697.D
Acq On : 27 Jul 2018 04:40
Operator : JC/SP
Sample : J4154-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0508

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.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
Pentane	2.00	7.8	ug/l	41073	1	5.67	261631	50.0
unknown5.93	5.93	7.6	ug/l	39962	1	5.67	261631	50.0
Cyclopentane, 1,2...	6.46	6.0	ug/l	43121	2	6.87	358892	50.0
Cyclohexane, 1,3-...	8.67	6.7	ug/l	53757	3	10.12	403806	50.0
Benzene, 1-ethyl-...	11.44	18.3	ug/l	170564	4	12.08	465197	50.0
Benzene, 1-ethyl-...	11.67	13.8	ug/l	128237	4	12.08	465197	50.0
Benzene, 1,2,3-tr...	12.15	13.4	ug/l	124511	4	12.08	465197	50.0