LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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	1.074	68	80	94	rBV	275211	312828	6.56%	1.309%
2	1.788	192	197	205	rVB	64834	89546	1.88%	0.375%
3	2.001	227	232	242	rVB	93868	134419	2.82%	0.563%
4	2.891	373	378	381	rBV	46155	90777	1.90%	0.380%
5	2.928	381	384	400	rVB	66592	134654	2.83%	0.564%
6	3.166	414	423	437	rVB	55245	129596	2.72%	0.542%
7	3.519	471	481	494	rBV	66057	144958	3.04%	0.607%
8	4.397	614	625	639	rVB2	144125	420767	8.83%	1.761%
9	5.507	795	807	811	rBV	70045	191633	4.02%	0.802%
10	5.580	811	819	827	rVV2	238804	754817	15.84%	3.159%
11	5.665	827	833	861	rVB	91885	303926	6.38%	1.272%
12	5.933	861	877	890	rBV3	40049	130464	2.74%	0.546%
13	6.067	890	899	919	rVB	81151	211768	4.44%	0.886%
14	6.269	919	932	940	rBV5	33332	112110	2.35%	0.469%
15	6.360	940	947	954	rVV3	34292	96376	2.02%	0.403%
16	6.452	954	962	974	rVB	50458	143173	3.00%	0.599%
17	6.708	994	1004	1013	rBV	22911	54310	1.14%	0.227%
18	6.866	1020	1030	1040	rBV	153926	365257	7.66%	1.529%
19	7.464	1115	1128	1141	rBV	486541	1072114	22.49%	4.487%
20	7.732	1165	1172	1183	rVB	46098	92295	1.94%	0.386%
21	8.665	1319	1325	1328	rBV2	73002	127594	2.68%	0.534%
22	8.719	1328	1334	1347	rVV	475151	778498	16.33%	3.258%
23	8.841	1347	1354	1358	rVV	54224	92253	1.94%	0.386%
24	9.043	1381	1387	1394	rVB	101088	161010	3.38%	0.674%
25	9.164	1398	1407	1413	rBV	39519	64267	1.35%	0.269%
26	9.335	1429	1435	1440	rBV	29929	53303	1.12%	0.223%
27	9.622	1478	1482	1487	rVB	69866	99586	2.09%	0.417%
28	9.677	1487	1491	1496	rBV	52578	79101	1.66%	0.331%
29	10.116	1557	1563	1569	rBV	310052	403964	8.48%	1.691%
30	10.189	1569	1575	1580	rVB	33339	48193	1.01%	0.202%
31	10.256	1580	1586	1592	rBV	693648	897575	18.83%	3.757%
32	10.359	1594	1603	1610	rBV	3733569	4766403	100.00%	19.949%
33	10.701	1654	1659	1670	rVB	1252504	1523464	31.96%	6.376%
34	11.018	1706	1711	1722	rVB	465531	603406	12.66%	2.525%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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	11.140	1725	1731	1736	rBV	400717	490836	10.30%	2.054%
36	11.359	1763	1767	1775	rBV	313808	411498	8.63%	1.722%
37	11.438	1775	1780	1787	rVV	862239	1307558	27.43%	5.472%
38	11.506	1787	1791	1800	rVB	647251	795999	16.70%	3.331%
39	11.670	1809	1818	1828	rBV	634971	774373	16.25%	3.241%
40	11.810	1836	1841	1846	rVB	1533006	1809789	37.97%	7.574%
41	11.951	1861	1864	1871	rVV	59848	76510	1.61%	0.320%
42	12.030	1871	1877	1880	rVV	74703	93095	1.95%	0.390%
43	12.079	1880	1885	1891	rVV2	403096	538712	11.30%	2.255%
44	12.146	1891	1896	1902	rVB	670121	800754	16.80%	3.351%
45	12.304	1915	1922	1924	rBV	97028	138610	2.91%	0.580%
46	12.322	1924	1925	1929	rVV	78613	78540	1.65%	0.329%
47	12.371	1929	1933	1943	rVB3	112236	179753	3.77%	0.752%
48	12.524	1953	1958	1964	rBV	50459	64535	1.35%	0.270%
49	12.591	1964	1969	1971	rBV	69708	96165	2.02%	0.402%
50	12.609	1971	1972	1977	rVB	66393	66236	1.39%	0.277%
51	12.670	1977	1982	1985	rBV	83368	97423	2.04%	0.408%
52	12.755	1992	1996	2004	rBV3	87745	154041	3.23%	0.645%
53	12.902	2016	2020	2025	rVB2	43708	61467	1.29%	0.257%
54	12.981	2025	2033	2036	rVV	52985	71822	1.51%	0.301%
55	13.024	2036	2040	2045	rVB	79858	99542	2.09%	0.417%
56	13.347	2089	2093	2099	rVB2	156596	208619	4.38%	0.873%
57	13.481	2109	2115	2123	rVB	48403	64878	1.36%	0.272%
58	13.834	2166	2173	2182	rBV	371316	483780	10.15%	2.025%
59	14.700	2300	2315	2319	rBV	102580	133417	2.80%	0.558%
60	14.840	2333	2338	2348	rBV	80904	110970	2.33%	0.464%

Sum of corrected areas: 23893327

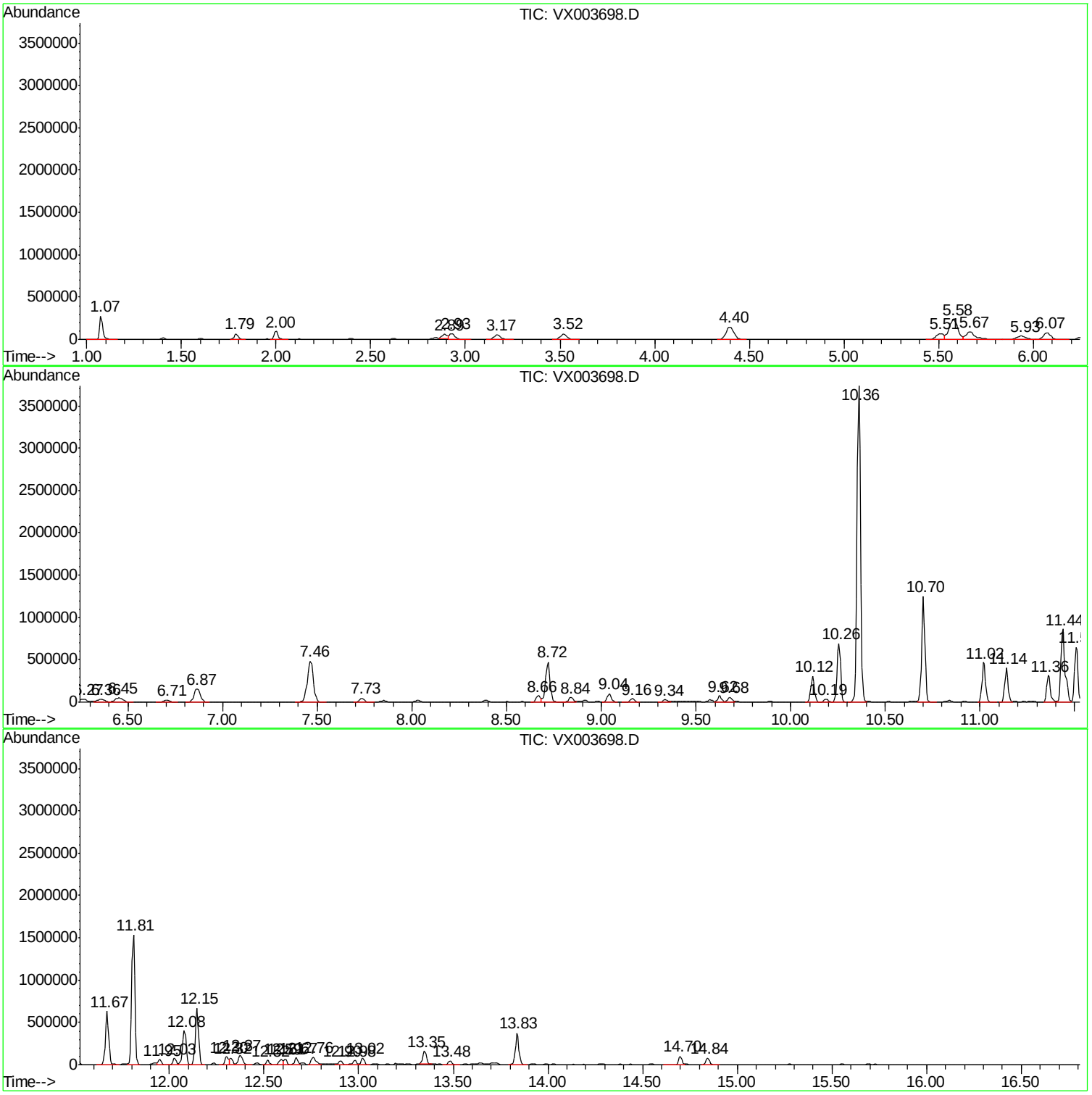
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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

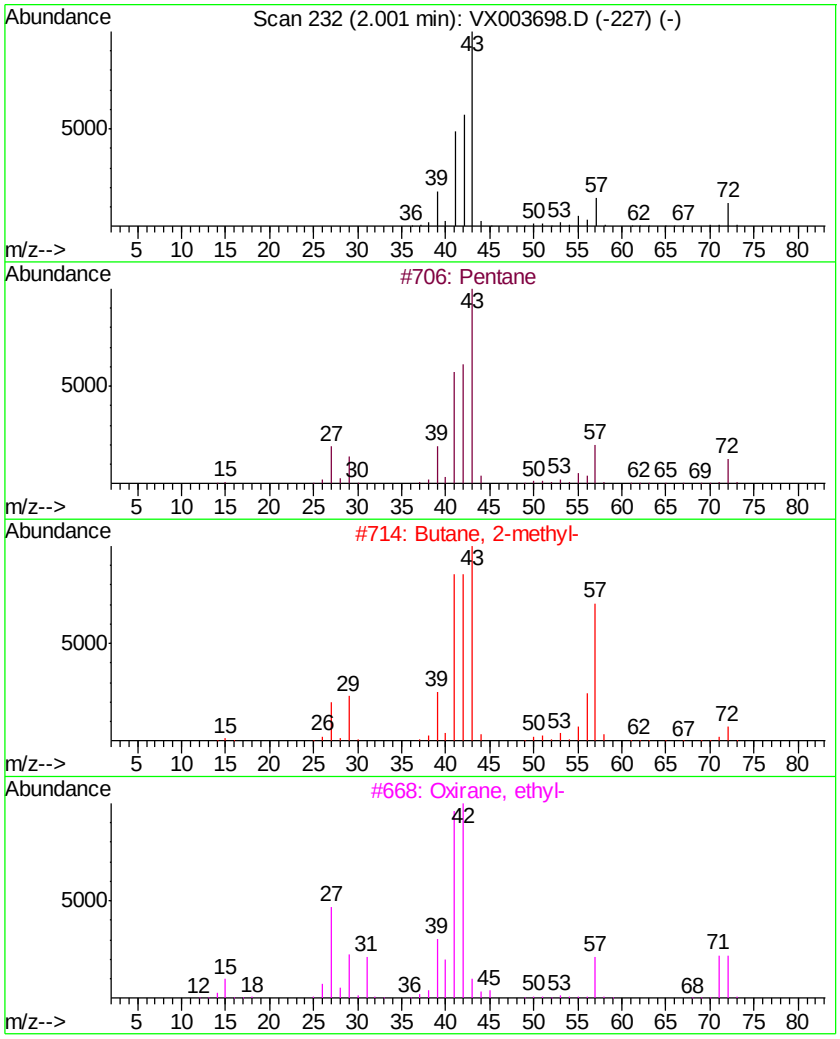
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

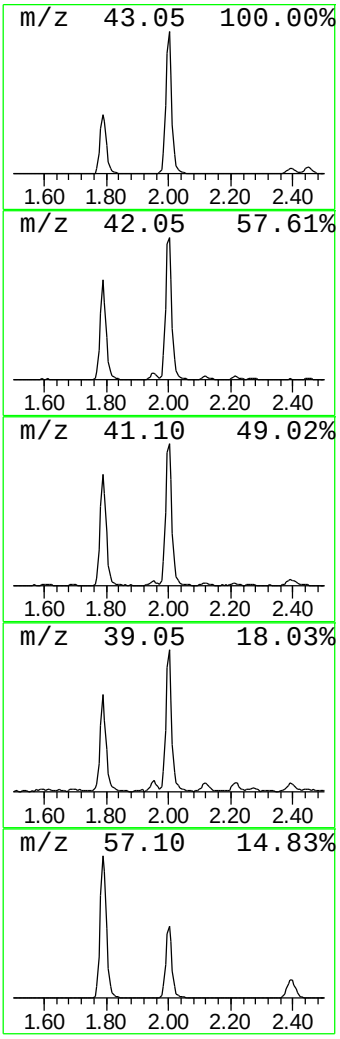
****

Peak Number 2 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	22.11 ug/l	134419	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	42
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	40
4	Tetrahydrofuran	72	C4H8O	000109-99-9	9
5	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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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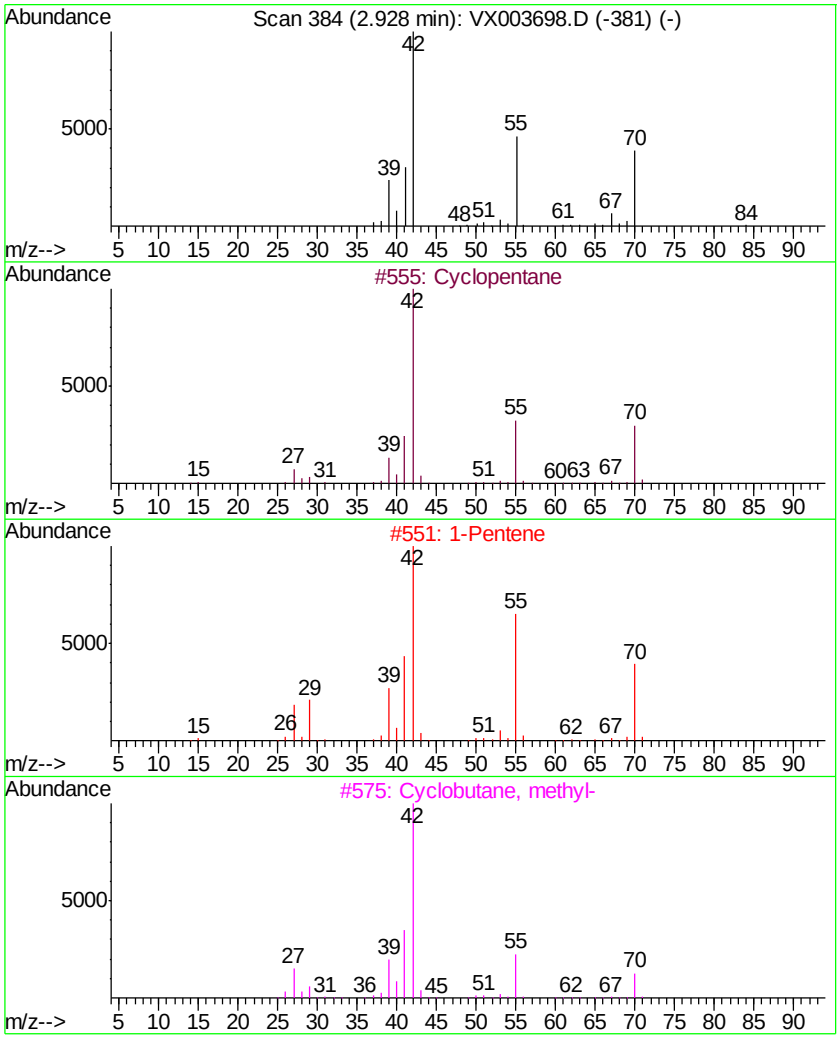
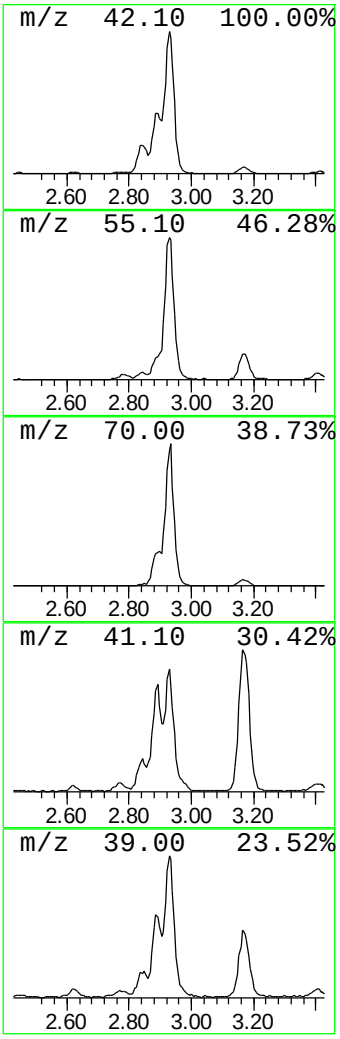
Peak Number 3 Cyclopentane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	22.15 ug/l	134654	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	1-Pentene	70	C5H10	000109-67-1	86
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	3-Buten-1-ol	72	C4H8O	000627-27-0	38
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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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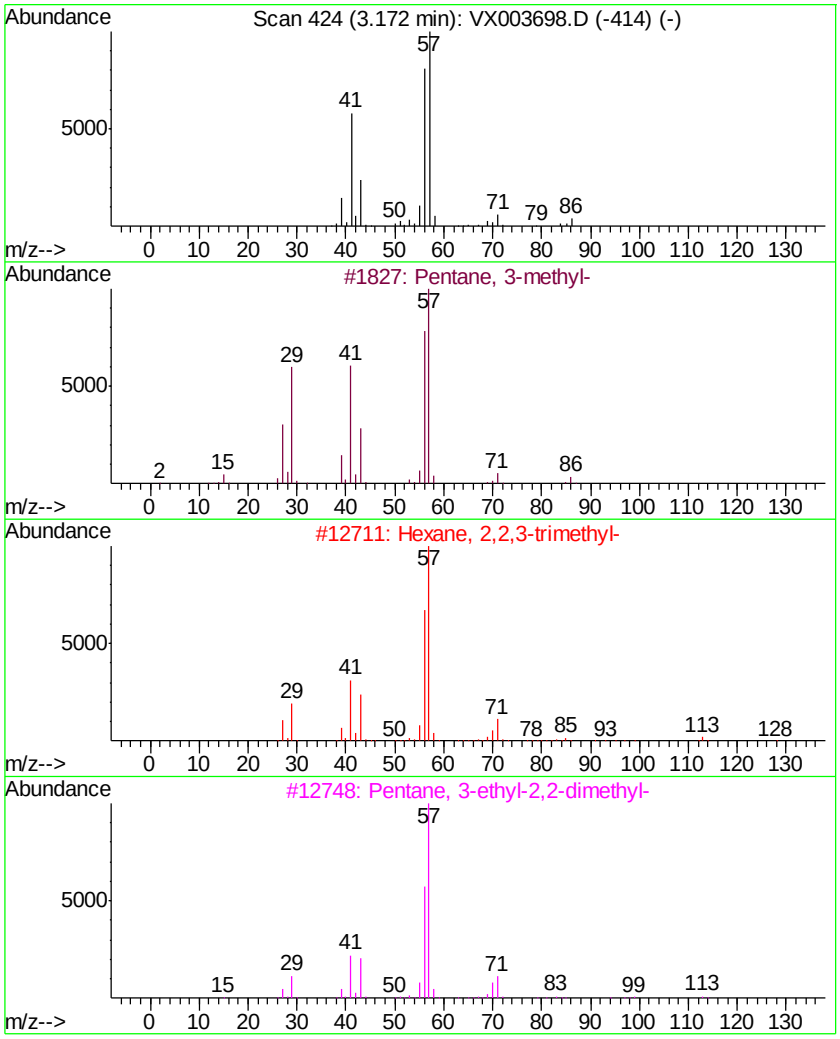
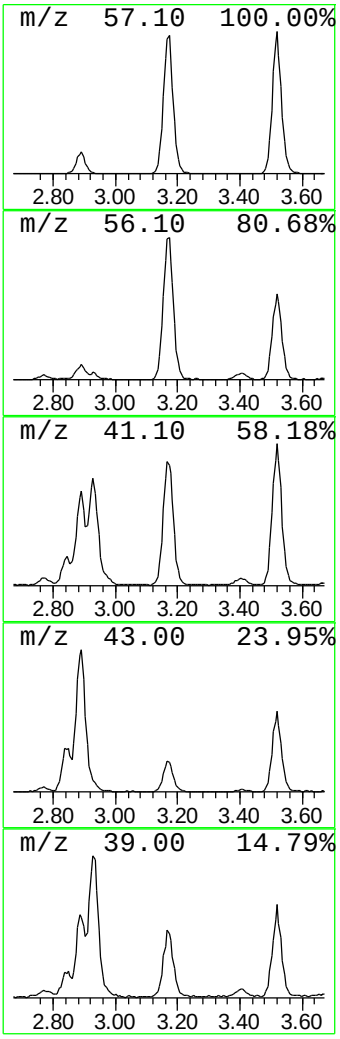
Peak Number 4 Pentane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	21.32 ug/l	129596	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
4	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	56
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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

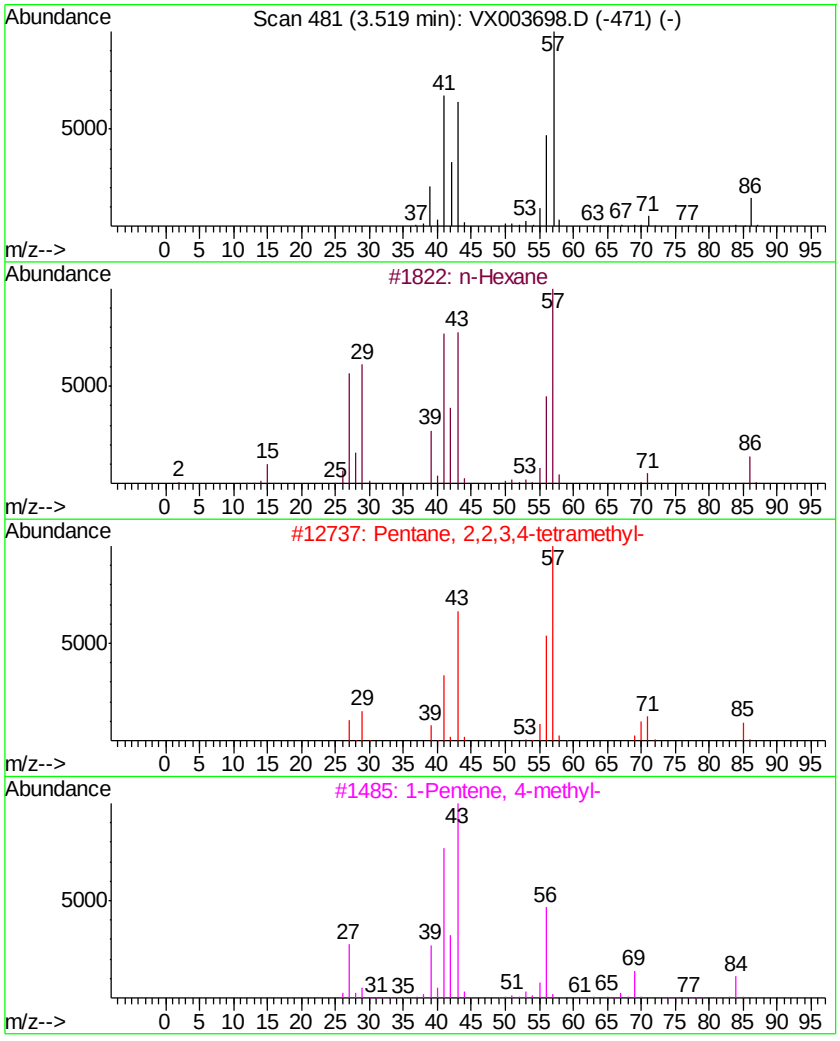
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

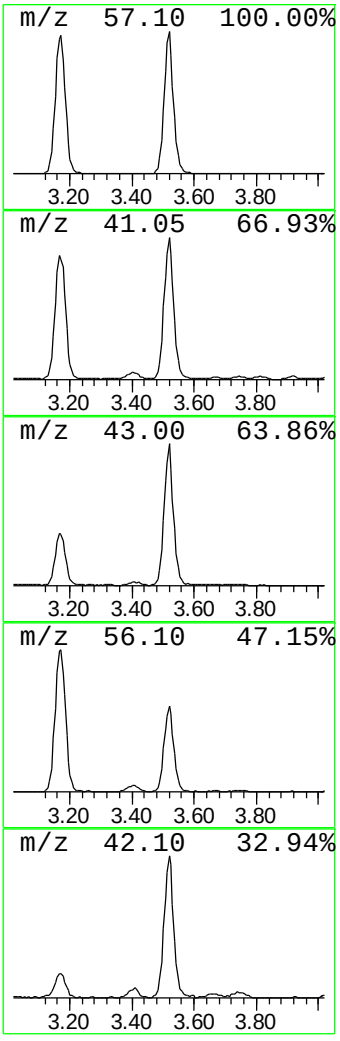
****

Peak Number 5 n-Hexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	23.85 ug/l	144958	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	37
4	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	33
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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

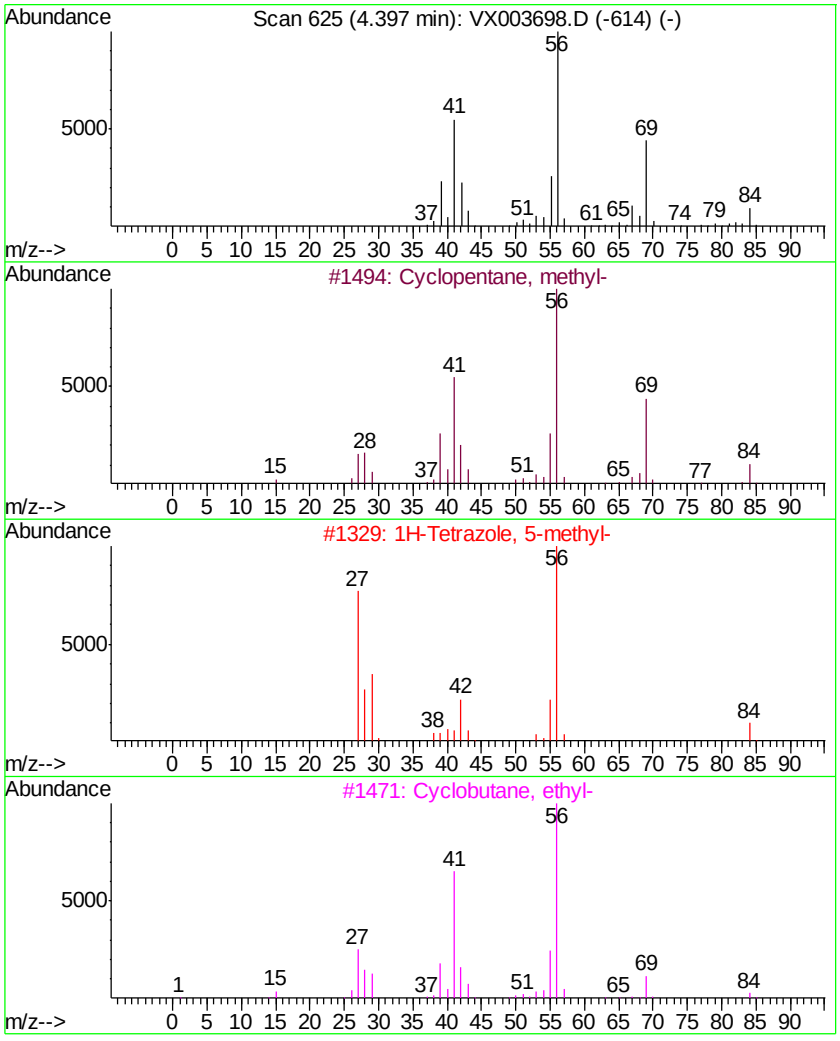
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

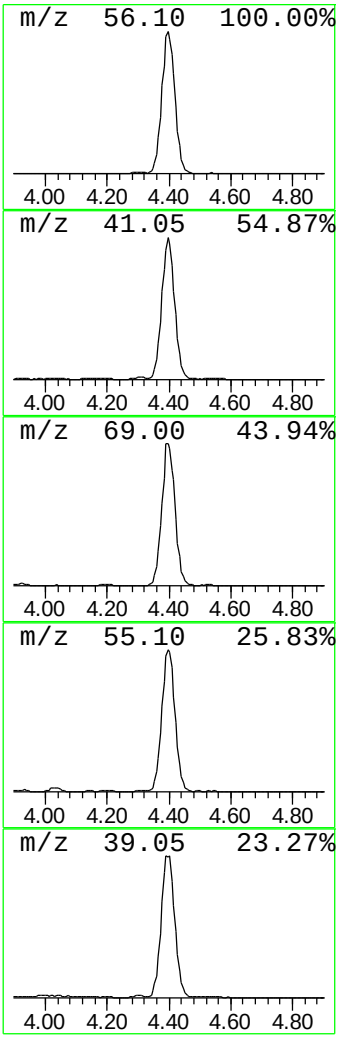
****

Peak Number 6 Cyclopentane, methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	69.22 ug/l	420767	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	64
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	Cyclohexane	84	C6H12	000110-82-7	56
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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

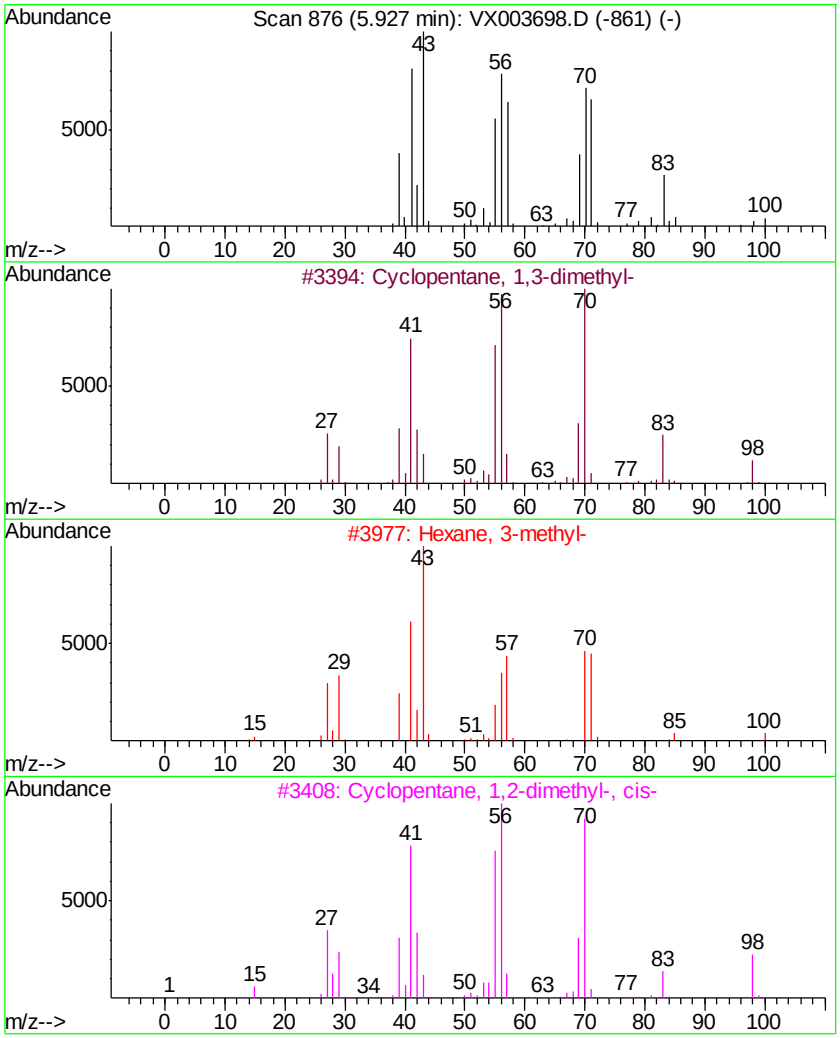
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

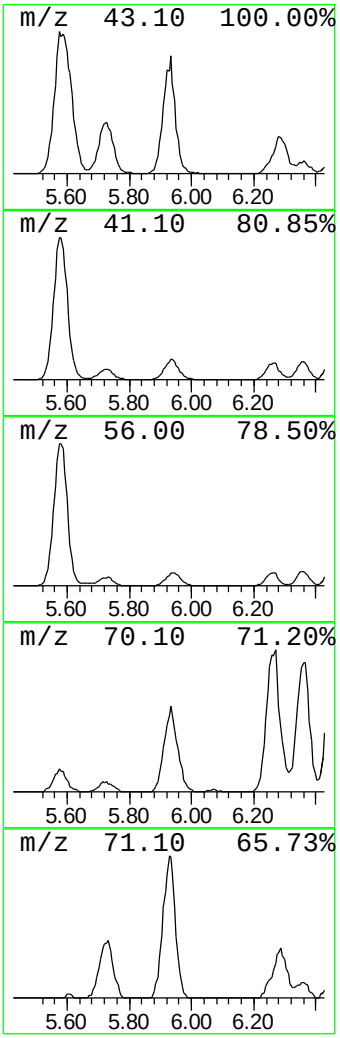
****

Peak Number 7 Cyclopentane, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	21.46 ug/l	130464	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	58
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	55
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	53
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	53
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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

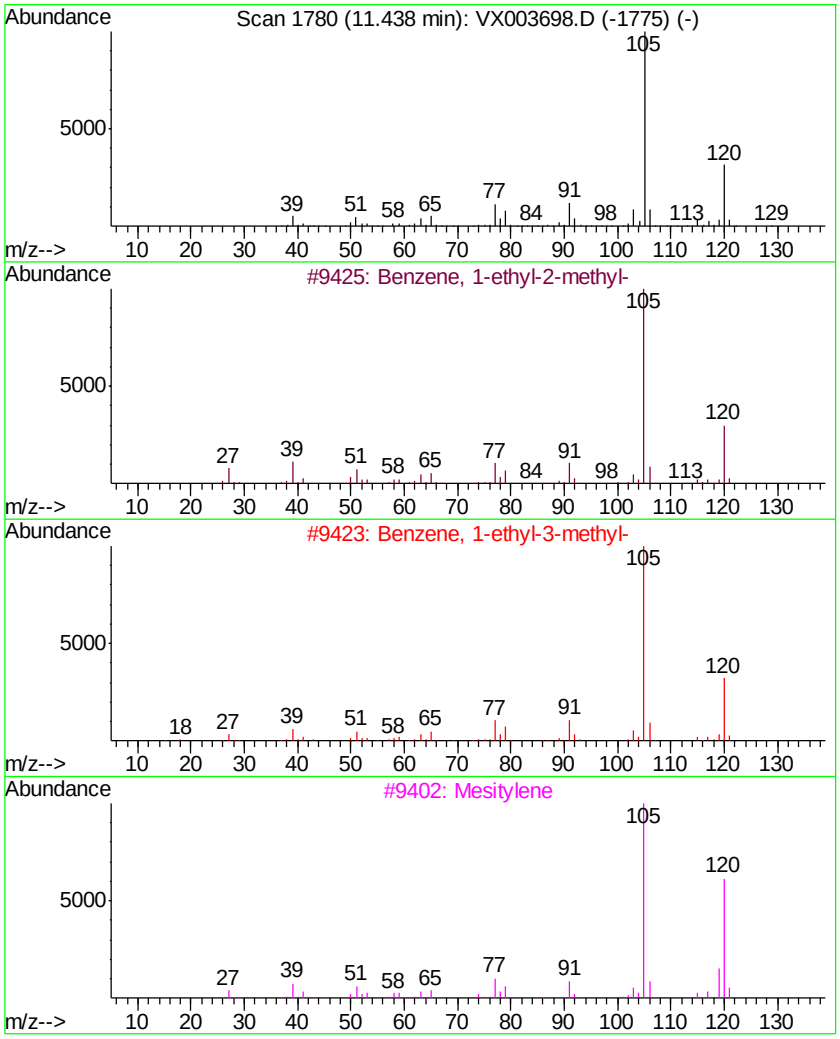
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

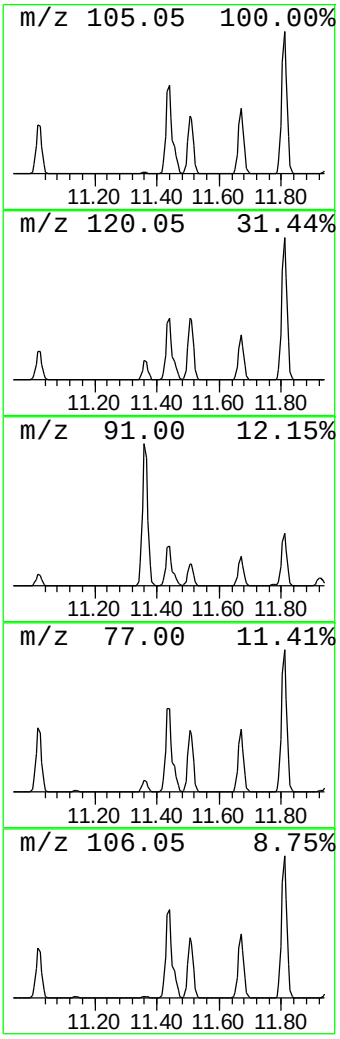
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	121.36 ug/l	1307560	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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

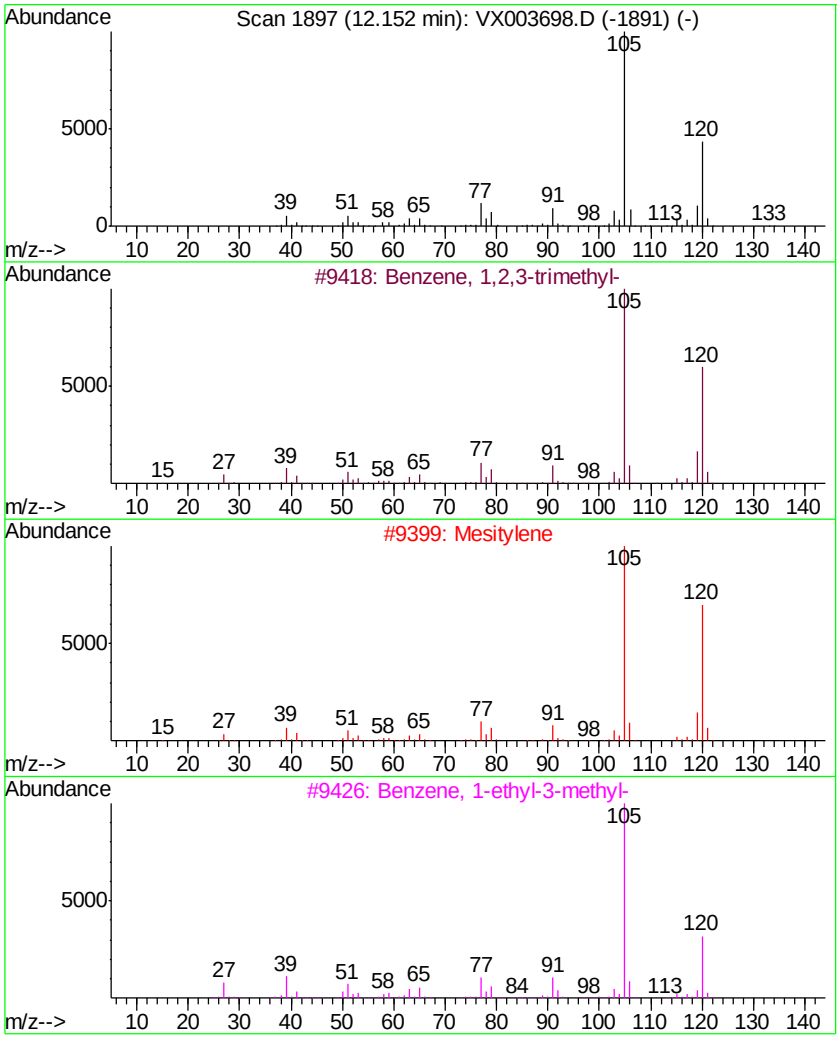
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

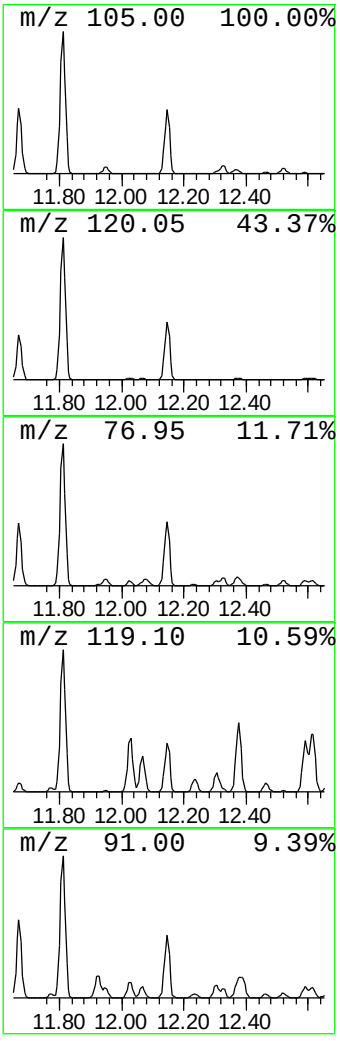
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	74.32 ug/l	800754	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	91
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	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072618\
Data File : VX003698.D
Acq On : 27 Jul 2018 05:07
Operator : JC/SP
Sample : J4154-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0509

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	22.1	ug/l	134419	1	5.67	303926	50.0
Cyclopentane	2.93	22.1	ug/l	134654	1	5.67	303926	50.0
Pentane, 3-methyl-	3.17	21.3	ug/l	129596	1	5.67	303926	50.0
n-Hexane	3.52	23.9	ug/l	144958	1	5.67	303926	50.0
Cyclopentane, met...	4.40	69.2	ug/l	420767	1	5.67	303926	50.0
Cyclopentane, 1,3...	5.93	21.5	ug/l	130464	1	5.67	303926	50.0
Benzene, 1-ethyl-...	11.44	121.4	ug/l	1307560	4	12.08	538712	50.0
Benzene, 1,2,3-tr...	12.15	74.3	ug/l	800754	4	12.08	538712	50.0