LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

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\82X082218W.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	75	80	94	rBV	1646420	2103903	10.90%	1.652%
2	1.300	113	117	127	rBV	339246	377533	1.96%	0.296%
3	1.398	130	133	139	rBV	657561	681975	3.53%	0.535%
4	1.788	191	197	211	rBV	2792368	3847686	19.94%	3.021%
5	1.995	226	231	244	rVB	2105923	3018355	15.64%	2.370%
6	2.391	289	296	303	rBV	239779	469022	2.43%	0.368%
7	2.836	362	369	372	rBV	331346	676439	3.51%	0.531%
8	2.885	372	377	381	rVV	1250425	2676897	13.87%	2.102%
9	2.928	381	384	402	rVB	839819	1540678	7.98%	1.210%
10	3.166	413	423	442	rVB	980624	2210500	11.46%	1.736%
11	3.513	471	480	497	rBV	1093794	2477081	12.84%	1.945%
12	4.391	614	624	639	rVB	2227340	6539713	33.89%	5.135%
13	5.507	794	807	809	rBV	209636	512525	2.66%	0.402%
14	5.574	809	818	828	rVV	2229744	6979997	36.17%	5.481%
15	5.665	828	833	839	rVB	197012	475406	2.46%	0.373%
16	5.927	863	876	890	rBV5	318425	1081707	5.61%	0.849%
17	6.068	890	899	907	rBV	220318	553295	2.87%	0.434%
18	6.257	919	930	939	rBV2	186322	597781	3.10%	0.469%
19	6.354	939	946	954	rVV	179433	492519	2.55%	0.387%
20	6.452	954	962	975	rVB	255362	704349	3.65%	0.553%
21	6.702	992	1003	1013	rBV	175910	420336	2.18%	0.330%
22	6.860	1020	1029	1039	rBV	457131	1071668	5.55%	0.841%
23	7.464	1115	1128	1140	rBV	2272250	5152131	26.70%	4.045%
24	7.732	1165	1172	1182	rVB	152416	292550	1.52%	0.230%
25	8.665	1318	1325	1328	rBV2	262759	458033	2.37%	0.360%
26	8.713	1328	1333	1340	rVV	1146771	1927292	9.99%	1.513%
27	8.787	1340	1345	1349	rVV	164205	236261	1.22%	0.186%
28	9.043	1381	1387	1397	rVB	210089	348452	1.81%	0.274%
29	9.165	1397	1407	1413	rBV	158230	253540	1.31%	0.199%
30	9.622	1478	1482	1487	rVB	216615	301226	1.56%	0.237%
31	10.116	1557	1563	1569	rBV	868242	1191976	6.18%	0.936%
32	10.256	1580	1586	1595	rBV	7677340	9754084	50.55%	7.659%
33	10.359	1595	1603	1609	rBV	14125243	19296155	100.00%	15.151%
34	10.701	1653	1659	1670	rVB	7355805	9101014	47.16%	7.146%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

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\82X082218W.M
Title : SW846 8260

35	11.018	1706	1711	1724	rVB	648238	793833	4.11%	0.623%
36	11.140	1725	1731	1736	rBV	942599	1186457	6.15%	0.932%
37	11.359	1758	1767	1774	rBV	837886	1007044	5.22%	0.791%
38	11.438	1774	1780	1781	rVV	2067660	2601948	13.48%	2.043%
39	11.457	1781	1783	1787	rVV	1839765	1931982	10.01%	1.517%
40	11.506	1787	1791	1802	rVB	1789067	2161724	11.20%	1.697%
41	11.670	1812	1818	1826	rBV	1972051	2357362	12.22%	1.851%
42	11.810	1836	1841	1846	rVB	7521173	8812659	45.67%	6.920%
43	12.079	1880	1885	1890	rVV	1256358	1603953	8.31%	1.259%
44	12.146	1890	1896	1901	rVV	2965244	3531236	18.30%	2.773%
45	12.298	1914	1921	1929	rBV2	1218115	1868329	9.68%	1.467%
46	12.371	1929	1933	1943	rVB3	570295	892640	4.63%	0.701%
47	12.518	1953	1957	1963	rVB	165699	202598	1.05%	0.159%
48	12.591	1963	1969	1970	rBV	297736	362517	1.88%	0.285%
49	12.609	1970	1972	1977	rVV	326807	385084	2.00%	0.302%
50	12.670	1977	1982	1985	rVV	459922	540685	2.80%	0.425%
51	12.761	1992	1997	2004	rVV4	303942	513351	2.66%	0.403%
52	12.902	2015	2020	2026	rVB2	182216	253742	1.31%	0.199%
53	12.981	2026	2033	2036	rVV	252024	335368	1.74%	0.263%
54	13.024	2036	2040	2045	rVB	370086	462047	2.39%	0.363%
55	13.225	2069	2073	2078	rVB	332059	397955	2.06%	0.312%
56	13.347	2089	2093	2099	rVB2	836938	1138874	5.90%	0.894%
57	13.481	2110	2115	2121	rVB	544925	661043	3.43%	0.519%
58	13.834	2166	2173	2182	rBV	2903541	3469767	17.98%	2.724%
59	14.292	2240	2248	2255	rBV	131942	234633	1.22%	0.184%
60	14.700	2307	2315	2326	rBV	884550	1097612	5.69%	0.862%
61	14.840	2333	2338	2347	rBV	568774	732159	3.79%	0.575%

Sum of corrected areas: 127358681

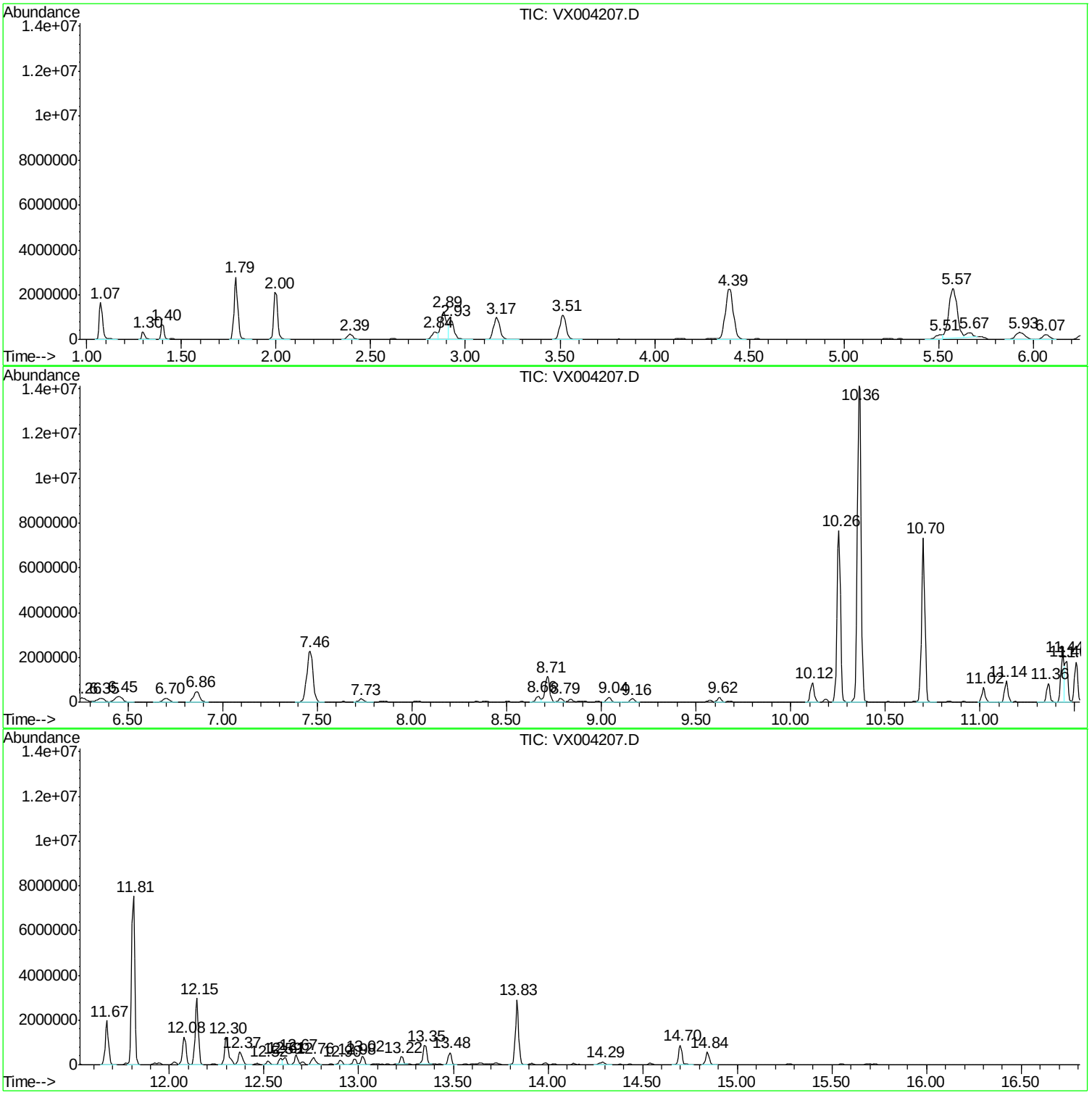
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

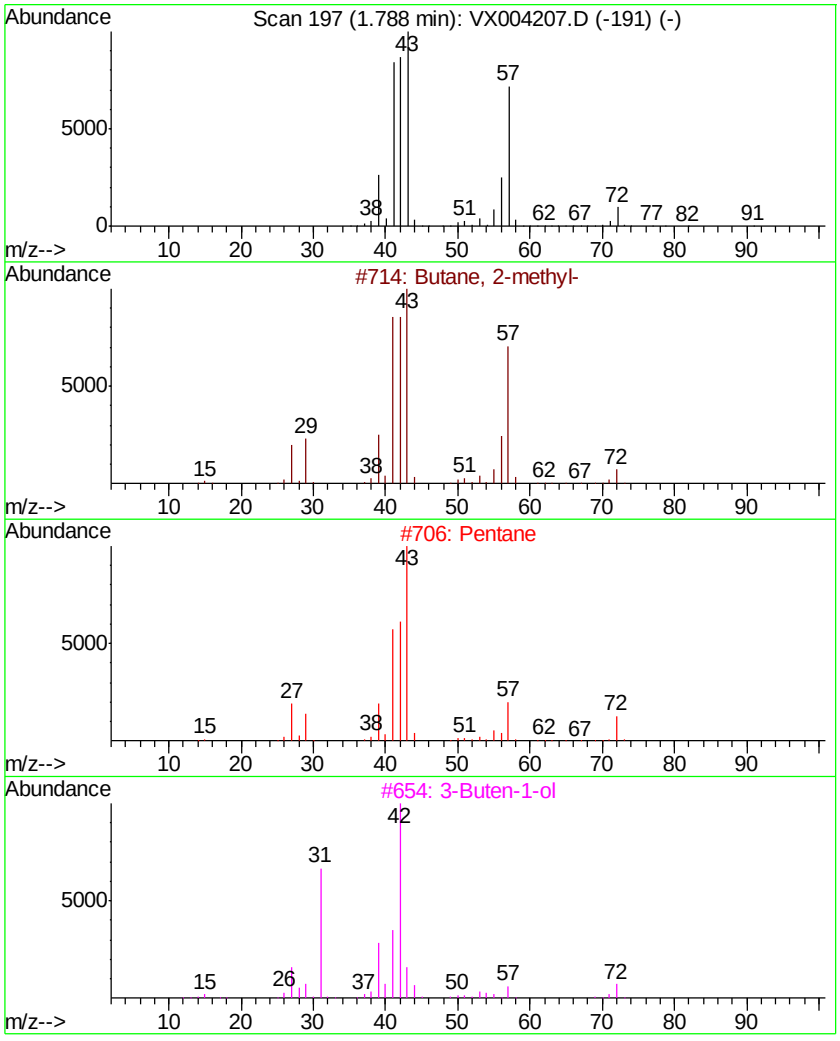
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

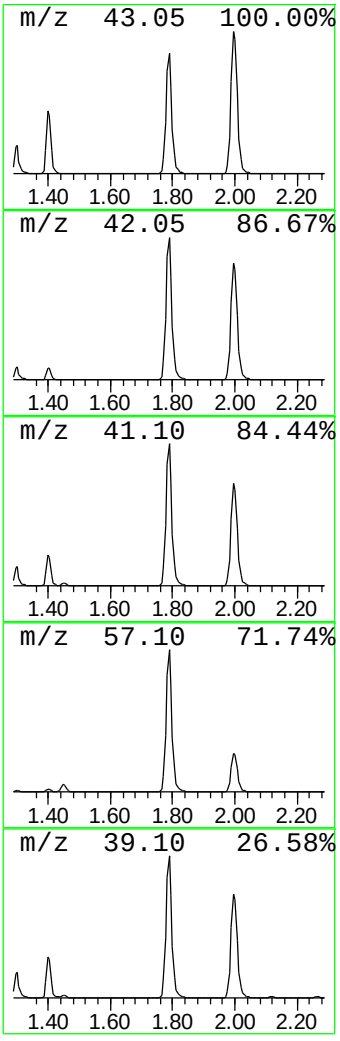
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.79	404.67 ug/l	3847690	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Pentane	72	C5H12	000109-66-0	47
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	1-Butene	56	C4H8	000106-98-9	10
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

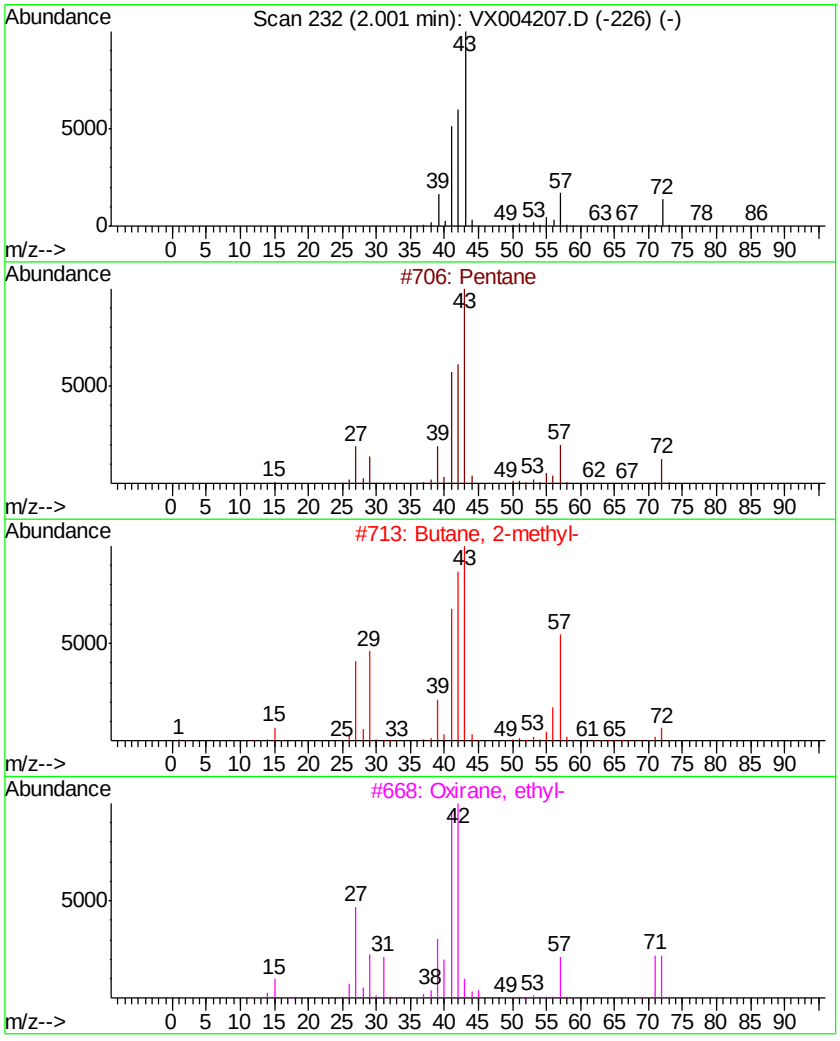
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

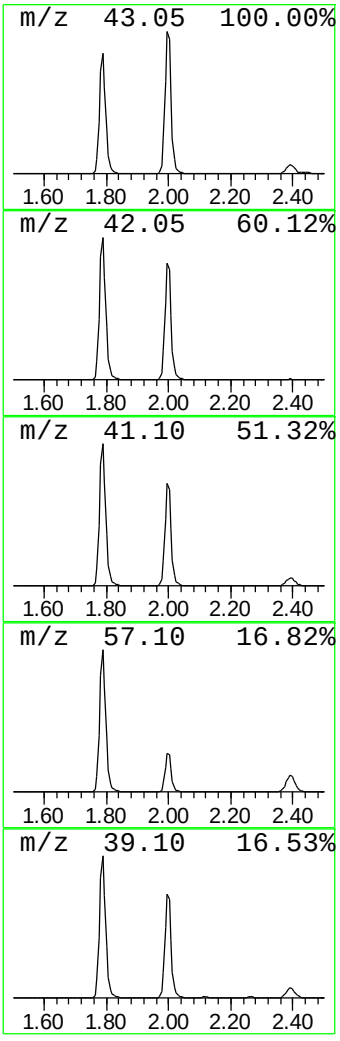
****

Peak Number 3 Pentane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	317.45 ug/l	3018360	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	50
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	33
4	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	23
5	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

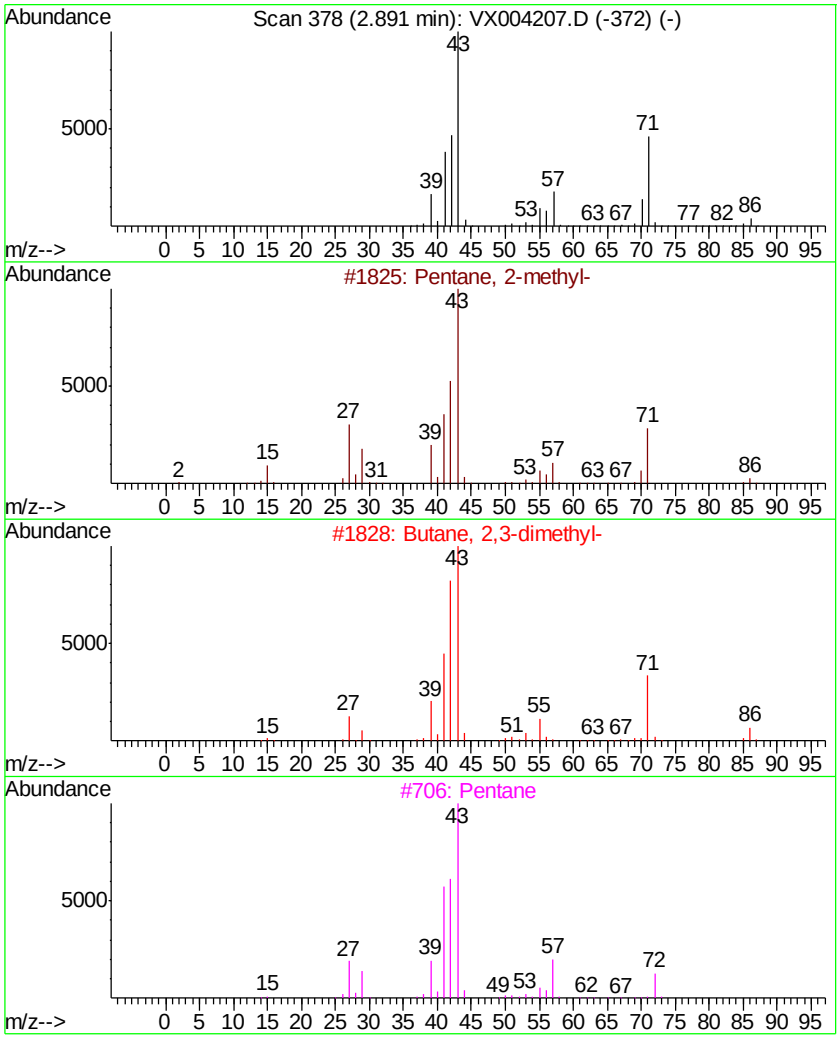
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

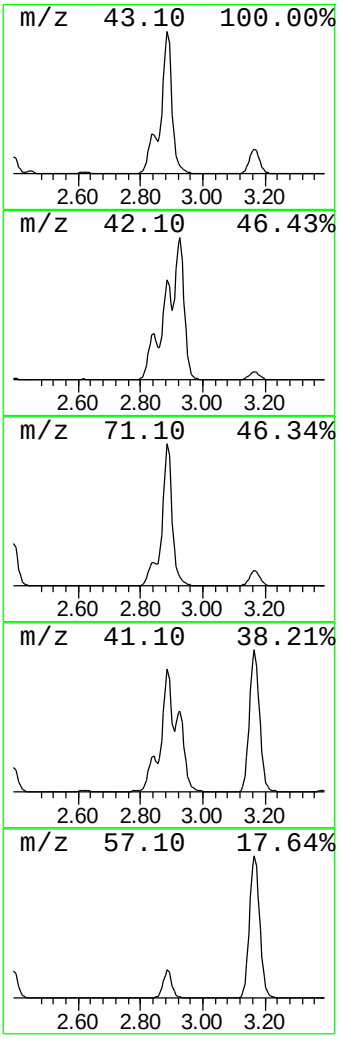
****

Peak Number 4 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	281.54 ug/l	2676900	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	59
3	Pentane	72	C5H12	000109-66-0	46
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

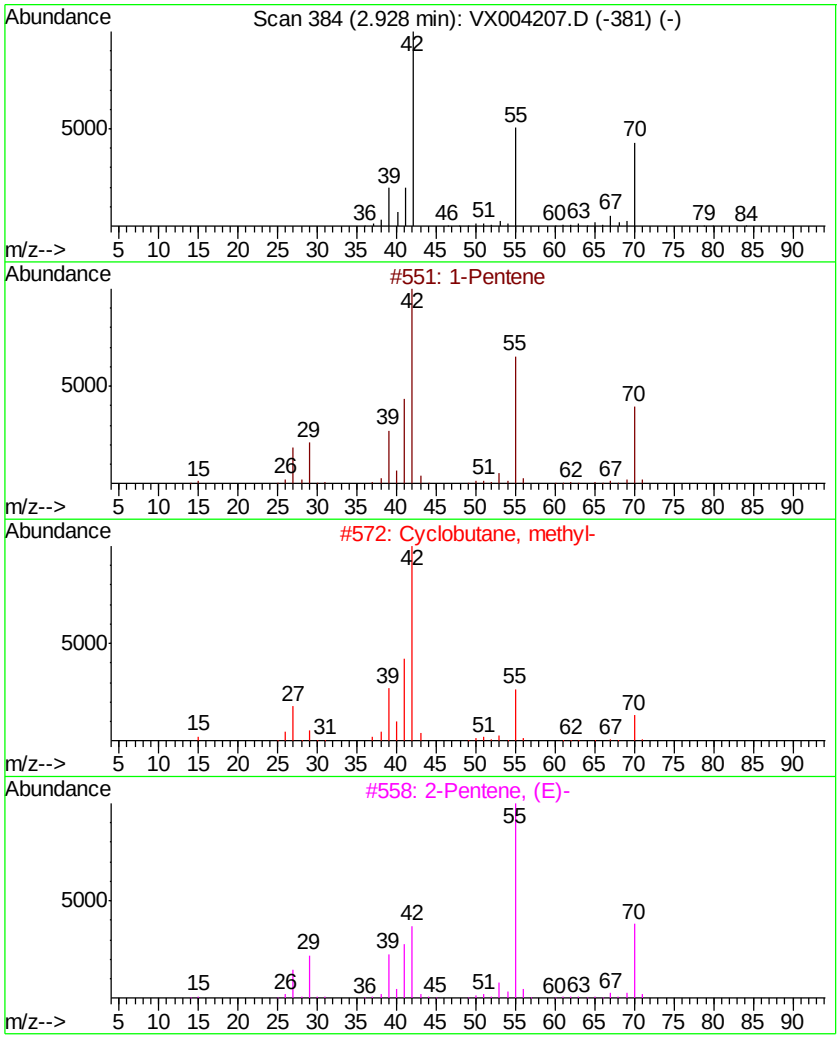
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

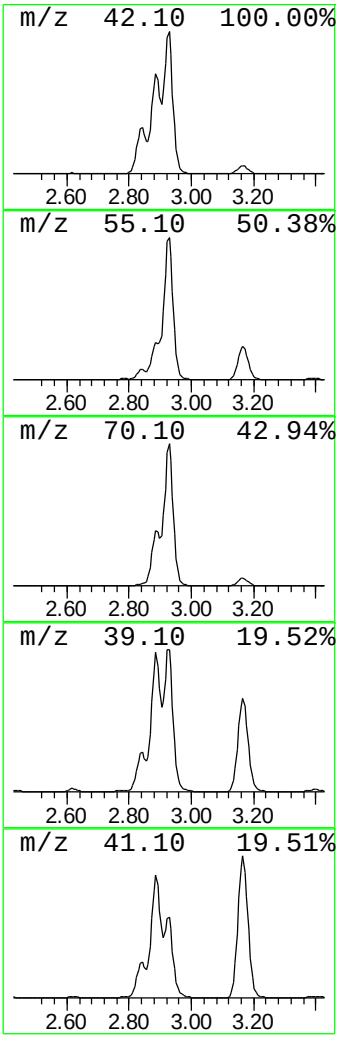
****

Peak Number 5 1-Pentene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	162.04 ug/l	1540680	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	78
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	64
3	2-Pentene, (E)-	70	C5H10	000646-04-8	17
4	2-Pentene	70	C5H10	000109-68-2	12
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

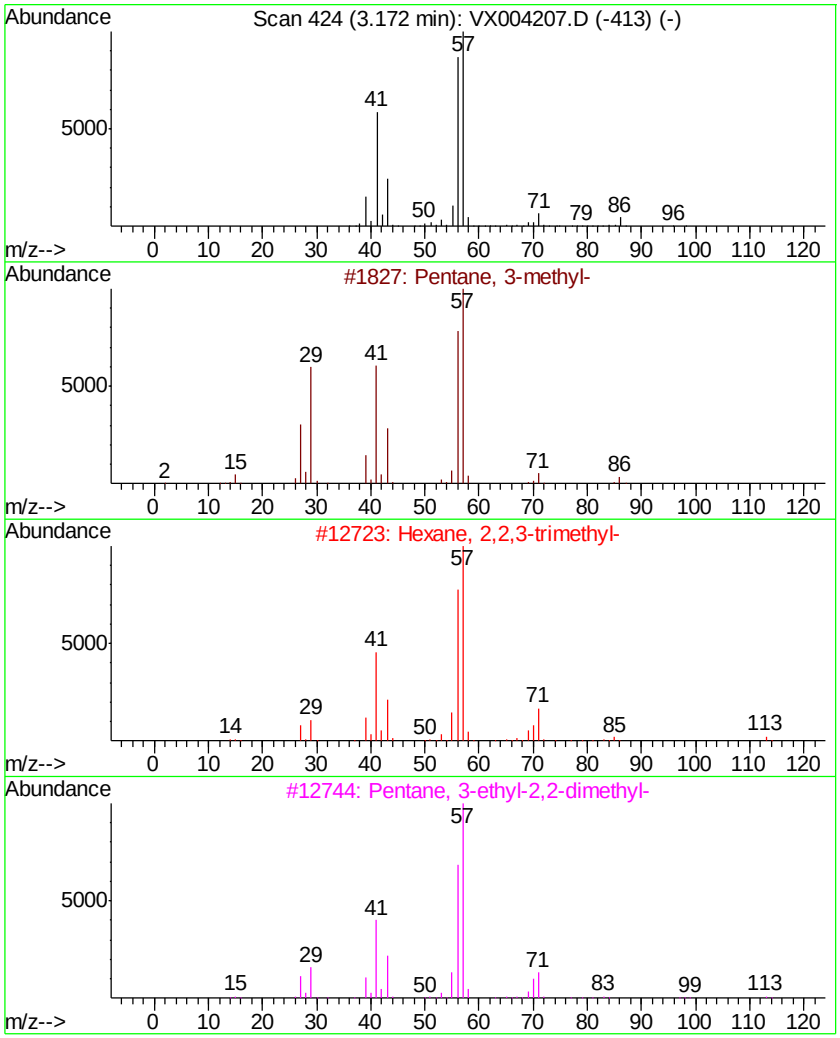
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

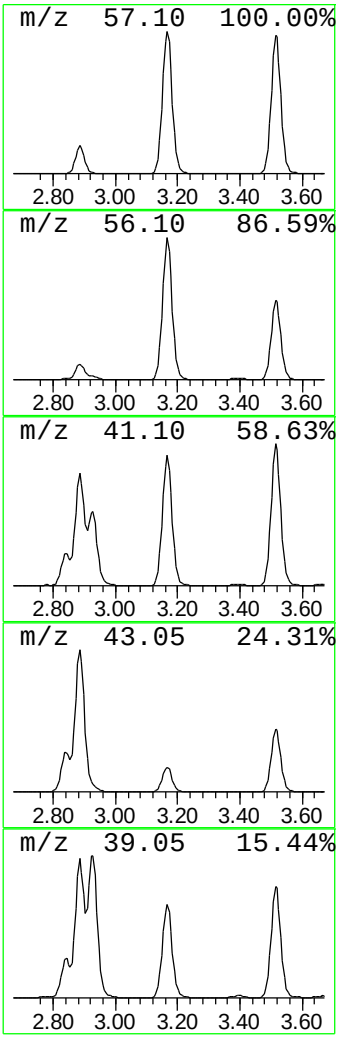
****

Peak Number 6 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	232.49 ug/l	2210500	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	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

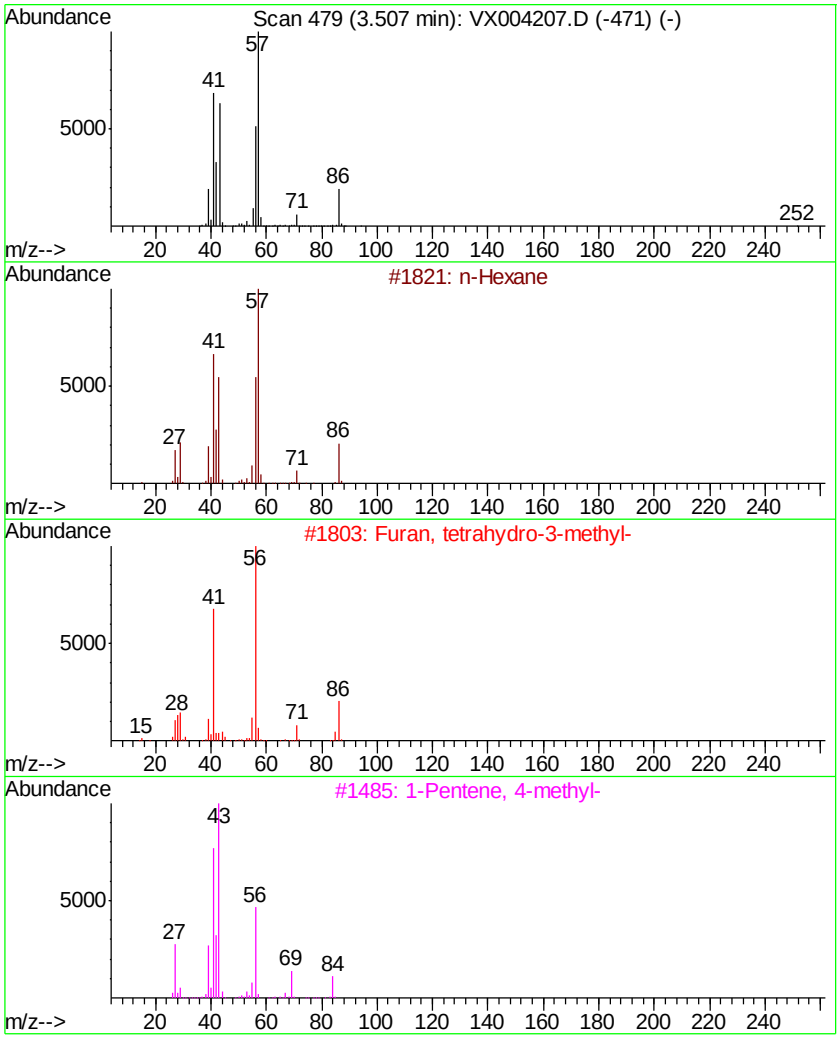
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

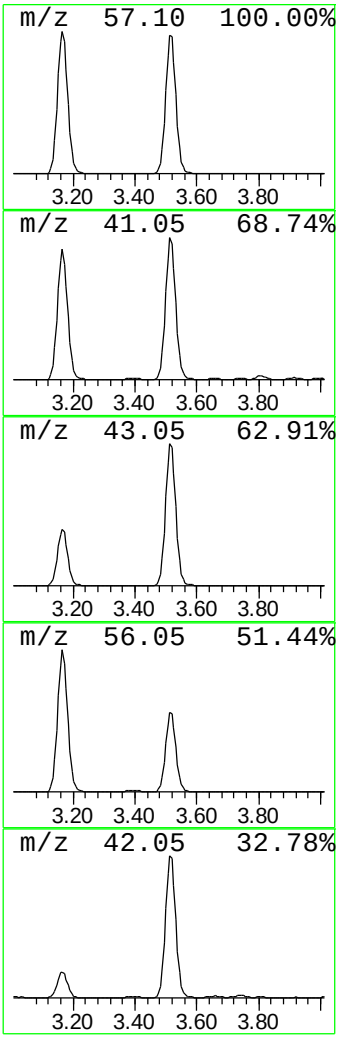
****

Peak Number 7 n-Hexane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	260.52 ug/l	2477080	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	47
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	43
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

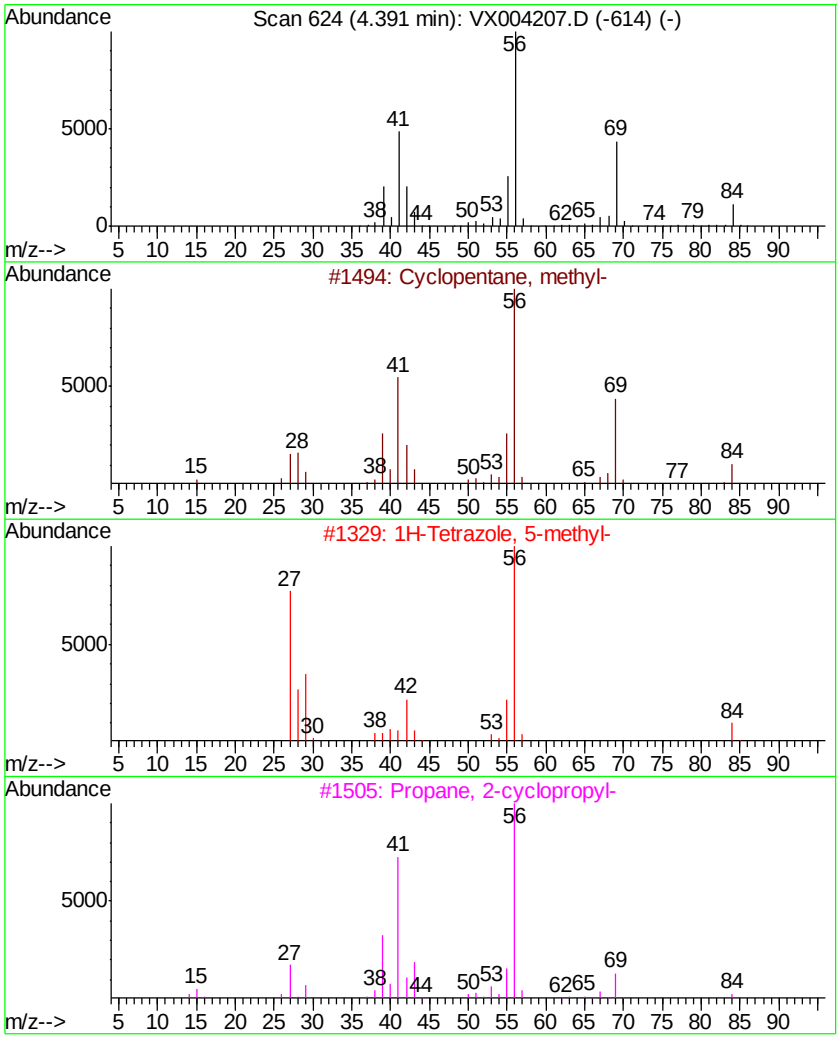
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

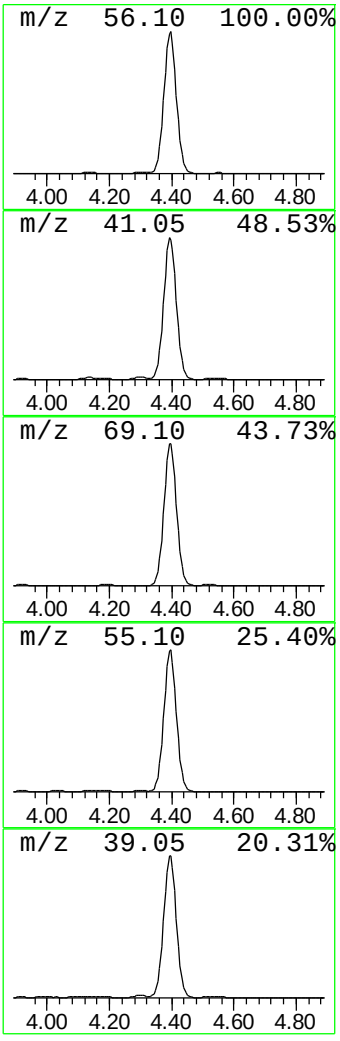
****

Peak Number 8 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	687.80 ug/l	6539710	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	80
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

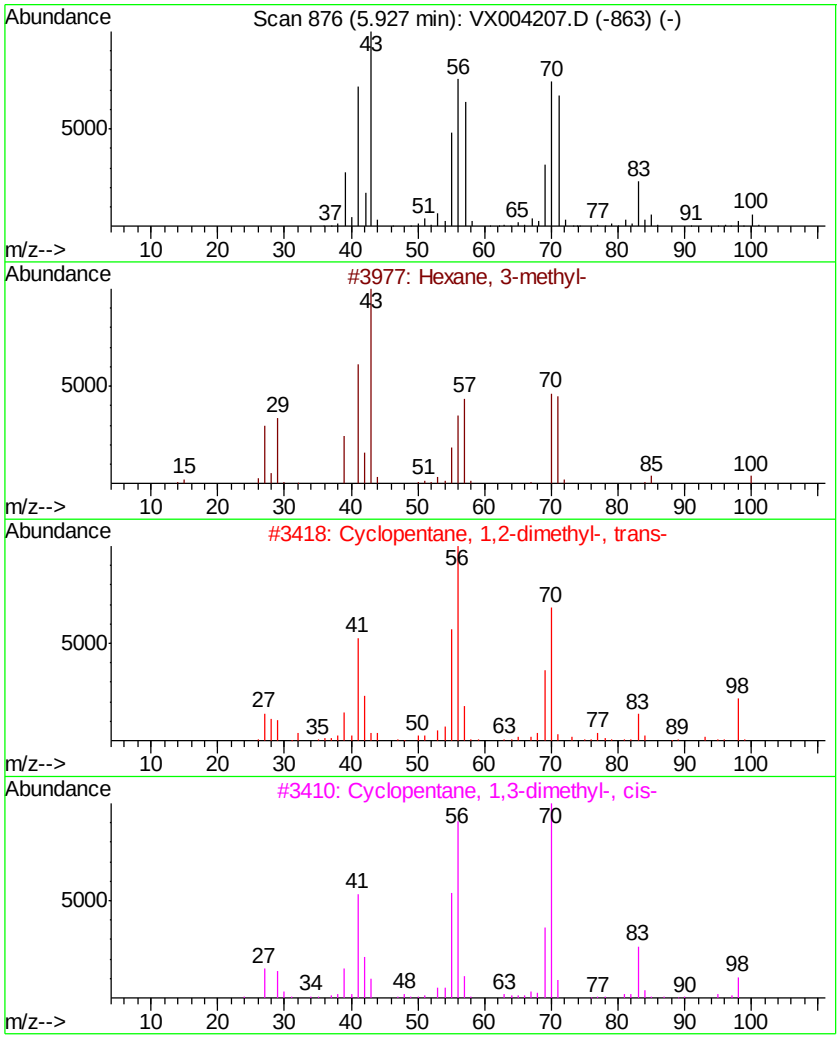
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

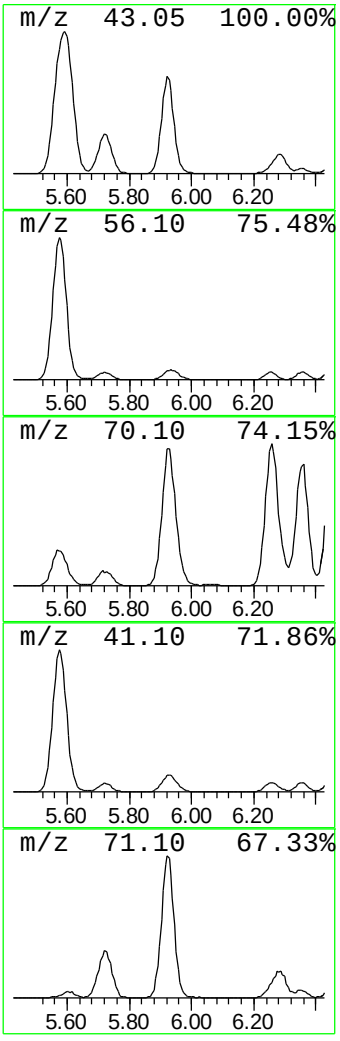
****

Peak Number 9 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	113.77 ug/l	1081710	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	74
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	53
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	53
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	52
5	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260

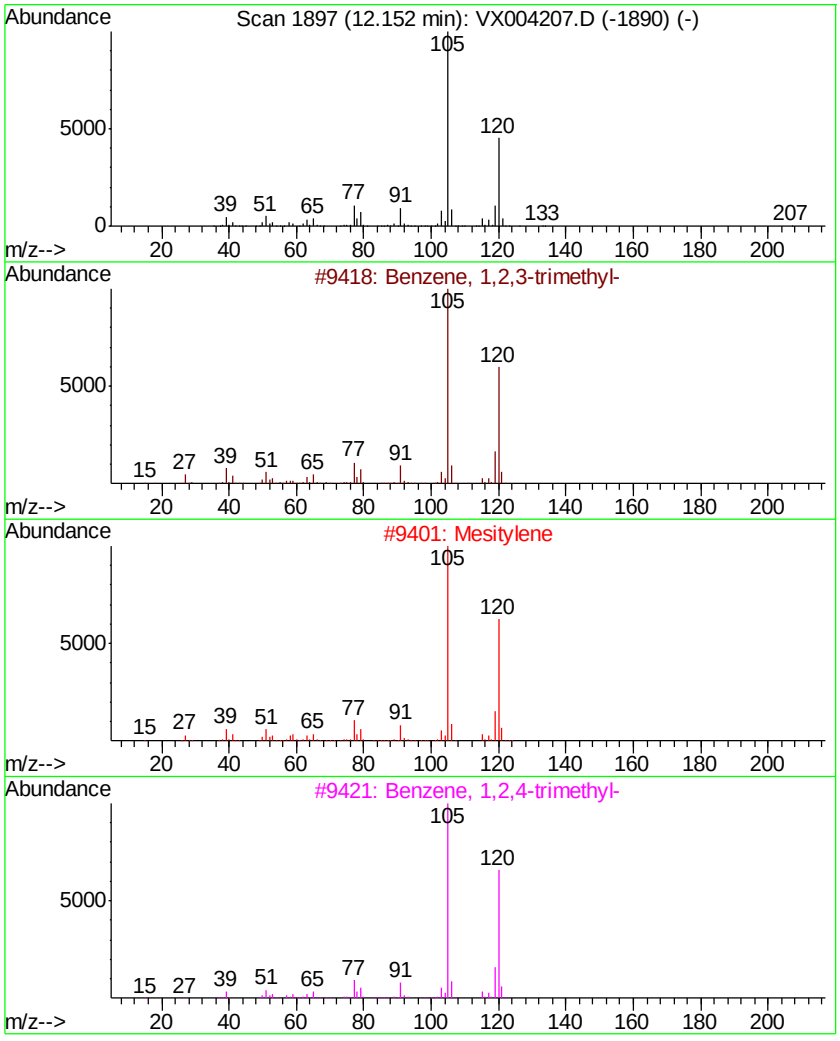
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

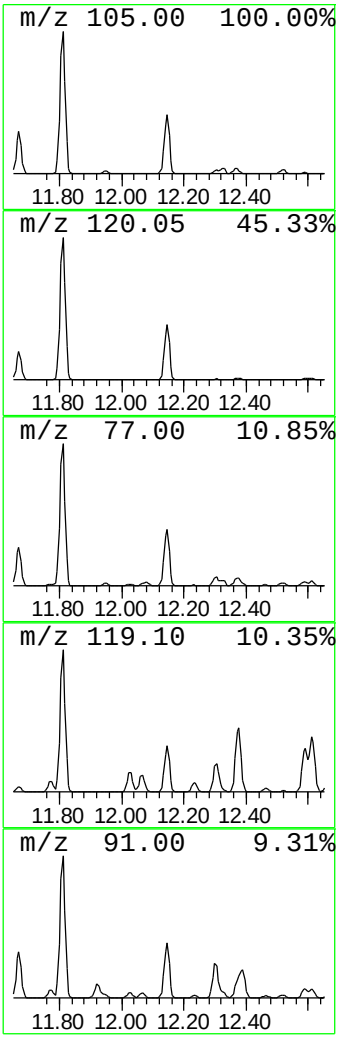
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	110.08 ug/l	3531240	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082218\
Data File : VX004207.D
Acq On : 22 Aug 2018 19:03
Operator : JC/MD
Sample : J4579-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0541

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.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	404.7	ug/l	3847690	1	5.67	475406	50.0
Pentane	2.00	317.4	ug/l	3018360	1	5.67	475406	50.0
Pentane, 2-methyl-	2.89	281.5	ug/l	2676900	1	5.67	475406	50.0
1-Pentene	2.93	162.0	ug/l	1540680	1	5.67	475406	50.0
Pentane, 3-methyl-	3.17	232.5	ug/l	2210500	1	5.67	475406	50.0
n-Hexane	3.51	260.5	ug/l	2477080	1	5.67	475406	50.0
Cyclopentane, met...	4.39	687.8	ug/l	6539710	1	5.67	475406	50.0
Hexane, 3-methyl-	5.93	113.8	ug/l	1081710	1	5.67	475406	50.0
Benzene, 1,2,3-tr...	12.15	110.1	ug/l	3531240	4	12.08	1603950	50.0