LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

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\82X080618W.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	73	80	93	rBV	1185260	1546867	9.93%	1.126%
2	1.794	192	198	211	rVB	829211	1153155	7.40%	0.839%
3	2.002	227	232	247	rVB	1896435	2812393	18.05%	2.047%
4	2.398	289	297	313	rBV	535936	1098674	7.05%	0.800%
5	2.849	364	371	374	rBV	637162	1327039	8.52%	0.966%
6	2.898	374	379	383	rVV	1929205	4170141	26.76%	3.036%
7	2.934	383	385	401	rVB	958622	1705529	10.95%	1.241%
8	3.178	414	425	443	rBV	2027916	4563963	29.29%	3.322%
9	3.526	472	482	497	rBV	932271	2109241	13.54%	1.535%
10	3.818	523	530	539	rVB	78854	187459	1.20%	0.136%
11	4.404	615	626	640	rVB	3778857	10887428	69.87%	7.925%
12	5.239	747	763	771	rBV2	69416	274080	1.76%	0.200%
13	5.507	790	807	810	rBV	223884	605528	3.89%	0.441%
14	5.580	810	819	829	rVV	2521357	8098382	51.97%	5.895%
15	5.666	829	833	839	rVV	331142	905357	5.81%	0.659%
16	5.727	839	843	862	rVV	198576	556642	3.57%	0.405%
17	5.934	864	877	890	rVV4	402087	1341632	8.61%	0.977%
18	6.068	890	899	914	rVV	231409	601589	3.86%	0.438%
19	6.263	914	931	940	rVV2	229572	793948	5.10%	0.578%
20	6.361	940	947	954	rVV	221148	612937	3.93%	0.446%
21	6.458	954	963	975	rVB	338906	936553	6.01%	0.682%
22	6.861	1019	1029	1038	rBV	485042	1159371	7.44%	0.844%
23	7.464	1114	1128	1139	rBV	1991189	4590234	29.46%	3.341%
24	7.732	1165	1172	1183	rVB	239233	463091	2.97%	0.337%
25	8.665	1318	1325	1328	rBV2	163004	282956	1.82%	0.206%
26	8.714	1328	1333	1343	rVB	1168638	1933188	12.41%	1.407%
27	8.842	1348	1354	1358	rBV	93785	156148	1.00%	0.114%
28	9.037	1381	1386	1393	rVB	174245	285417	1.83%	0.208%
29	9.622	1478	1482	1487	rVB	158346	215517	1.38%	0.157%
30	10.116	1557	1563	1570	rBV	1000793	1333873	8.56%	0.971%
31	10.250	1580	1585	1595	rBV	3027605	4085778	26.22%	2.974%
32	10.366	1595	1604	1620	rVB	6482707	8658340	55.57%	6.303%
33	11.018	1706	1711	1724	rVB	528406	672978	4.32%	0.490%
34	11.140	1725	1731	1736	rBV	981595	1243345	7.98%	0.905%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

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\82X080618W.M
Title : SW846 8260

35	11.360	1762	1767	1774	rBV	570877	687805	4.41%	0.501%
36	11.457	1774	1783	1787	rVV	3103007	4303099	27.62%	3.132%
37	11.506	1787	1791	1801	rVB	1879134	2294892	14.73%	1.671%
38	11.671	1812	1818	1827	rBV	4623318	5817357	37.33%	4.235%
39	11.811	1836	1841	1846	rBV	13040856	15581554	100.00%	11.342%
40	11.945	1860	1863	1871	rVB	116202	159858	1.03%	0.116%
41	12.024	1871	1876	1880	rBV	199459	254792	1.64%	0.185%
42	12.079	1880	1885	1890	rVB2	1375057	1822873	11.70%	1.327%
43	12.146	1890	1896	1901	rBV	6462139	7718313	49.53%	5.618%
44	12.299	1914	1921	1929	rBV	3541325	4658091	29.89%	3.391%
45	12.372	1929	1933	1943	rVB2	740804	1068822	6.86%	0.778%
46	12.463	1943	1948	1953	rBV2	163525	210660	1.35%	0.153%
47	12.518	1953	1957	1963	rVB	471620	553578	3.55%	0.403%
48	12.585	1963	1968	1970	rBV	571998	706001	4.53%	0.514%
49	12.609	1970	1972	1977	rVV	624381	709381	4.55%	0.516%
50	12.670	1977	1982	1985	rVV	865870	1012572	6.50%	0.737%
51	12.701	1985	1987	1992	rVV	346420	377825	2.42%	0.275%
52	12.756	1992	1996	2004	rVV2	944685	1432304	9.19%	1.043%
53	12.902	2015	2020	2026	rVB2	440554	589636	3.78%	0.429%
54	12.981	2026	2033	2036	rBV	545402	701089	4.50%	0.510%
55	13.018	2036	2039	2045	rVB	886414	1068110	6.85%	0.778%
56	13.085	2045	2050	2055	rBV3	86898	173720	1.11%	0.126%
57	13.225	2070	2073	2077	rVB	602556	673431	4.32%	0.490%
58	13.347	2089	2093	2099	rVB2	2077109	2734758	17.55%	1.991%
59	13.481	2110	2115	2122	rVB	1656178	2014184	12.93%	1.466%
60	13.640	2137	2141	2146	rBV3	163102	258805	1.66%	0.188%
61	13.725	2152	2155	2161	rVB2	183259	276433	1.77%	0.201%
62	13.835	2165	2173	2181	rBV	2684258	3352434	21.52%	2.440%
63	13.914	2181	2186	2191	rVB	158860	201733	1.29%	0.147%
64	13.987	2191	2198	2202	rBV2	205750	294379	1.89%	0.214%
65	14.292	2240	2248	2255	rVB	345037	569129	3.65%	0.414%
66	14.542	2283	2289	2299	rBV2	292185	399432	2.56%	0.291%
67	14.694	2306	2314	2319	rBV	1483876	1872402	12.02%	1.363%
68	14.841	2333	2338	2347	rBV	1137302	1458787	9.36%	1.062%

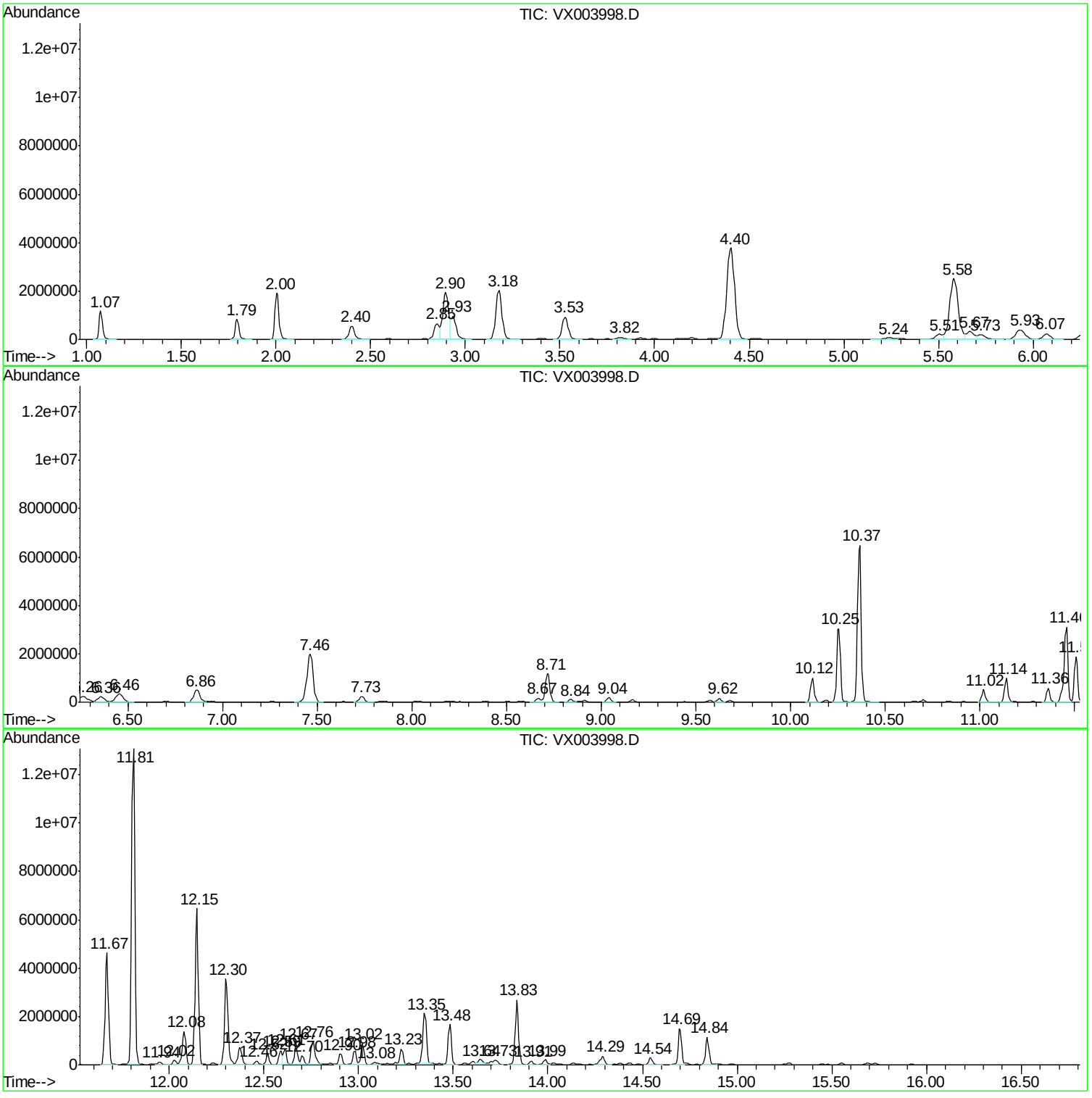
Sum of corrected areas: 137377012

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.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\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

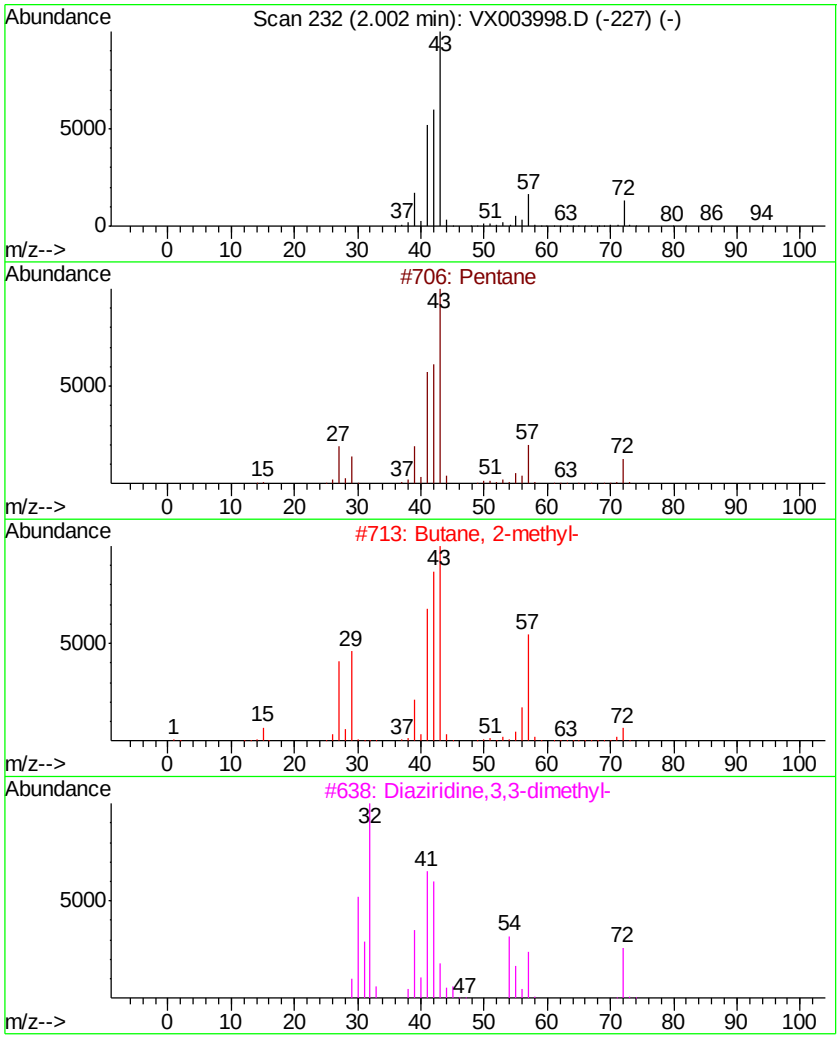
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

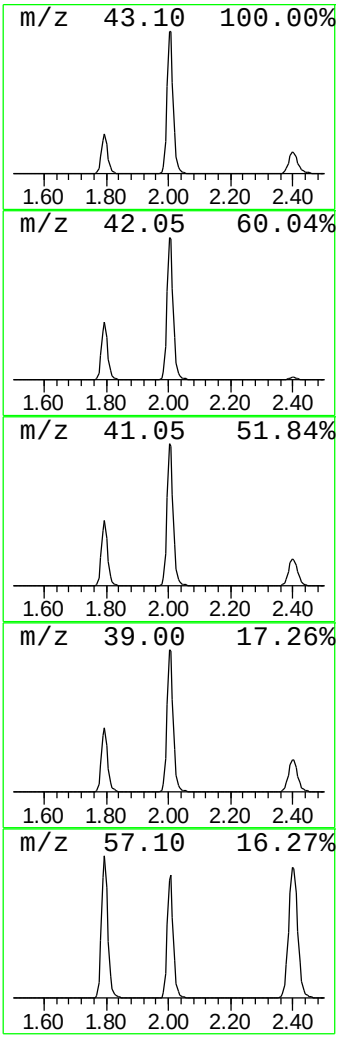
****

Peak Number 2 Pentane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	155.32 ug/l	2812390	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	38
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	17
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

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

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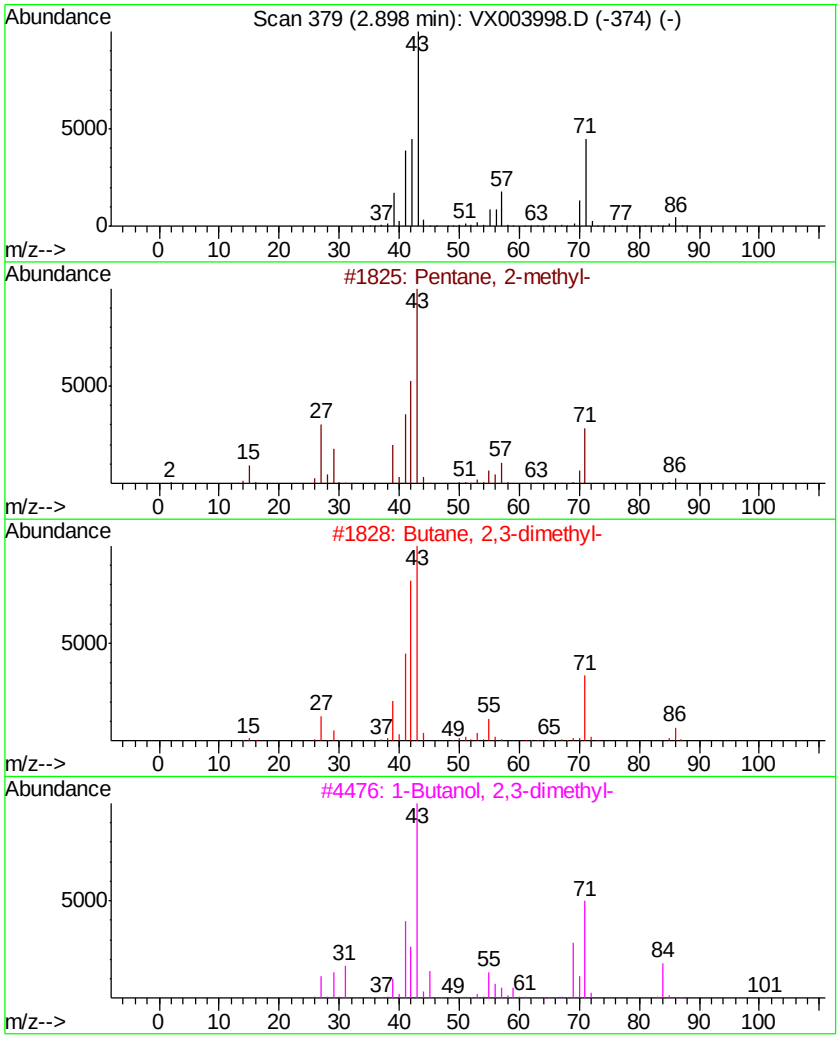
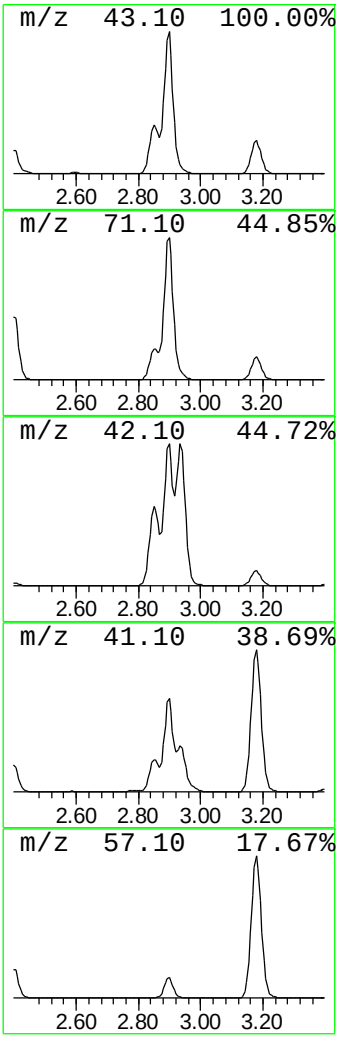
Peak Number 3 Pentane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.90	230.30 ug/l	4170140	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	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

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

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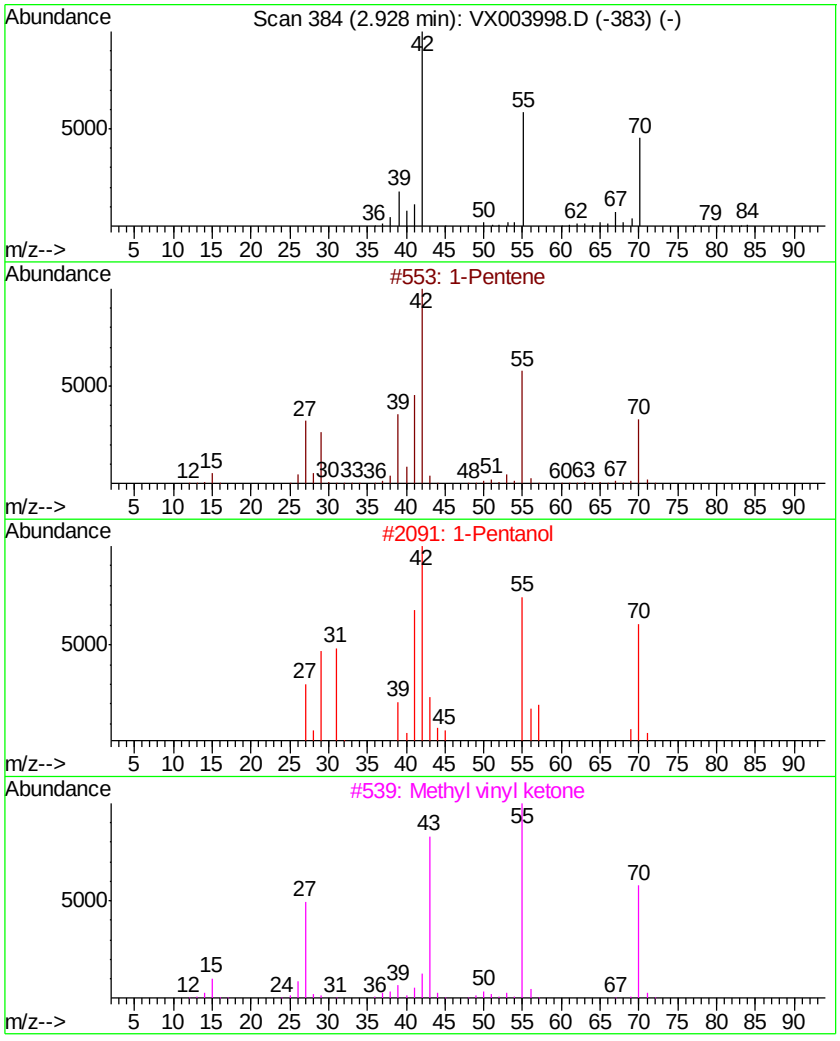
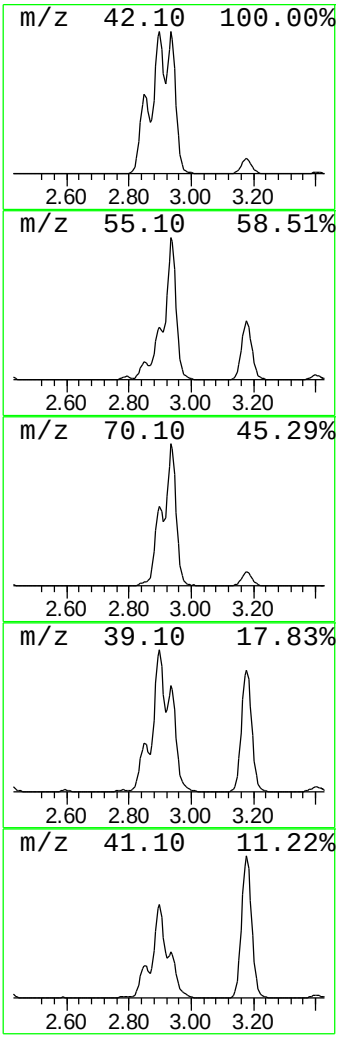
Peak Number 4 1-Pentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	94.19 ug/l	1705530	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	78
2	1-Pentanol	88	C5H12O	000071-41-0	40
3	Methyl vinyl ketone	70	C4H6O	000078-94-4	9
4	Cyclopentane	70	C5H10	000287-92-3	9
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

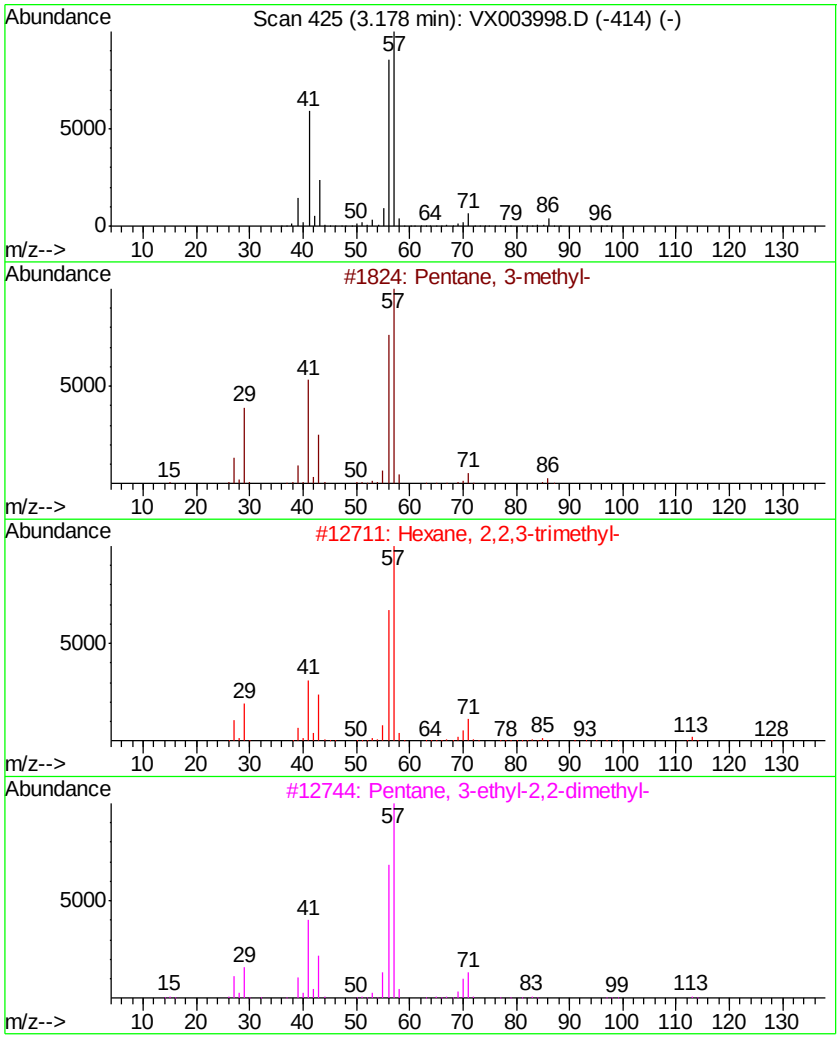
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

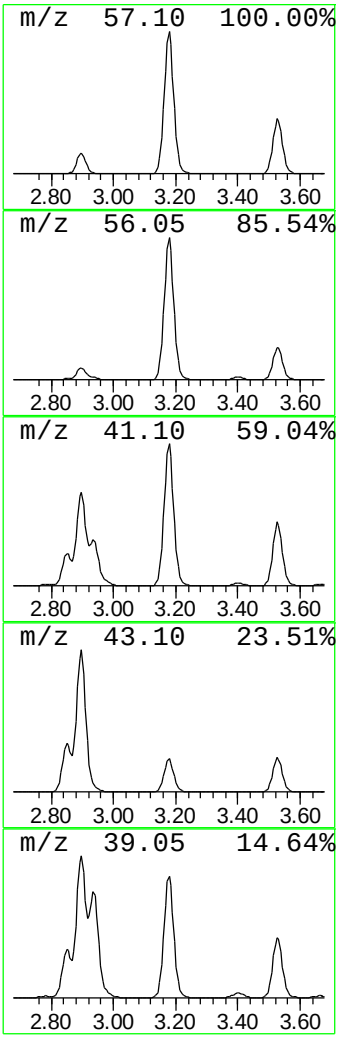
****

Peak Number 5 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	252.05 ug/l	4563960	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	64
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

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

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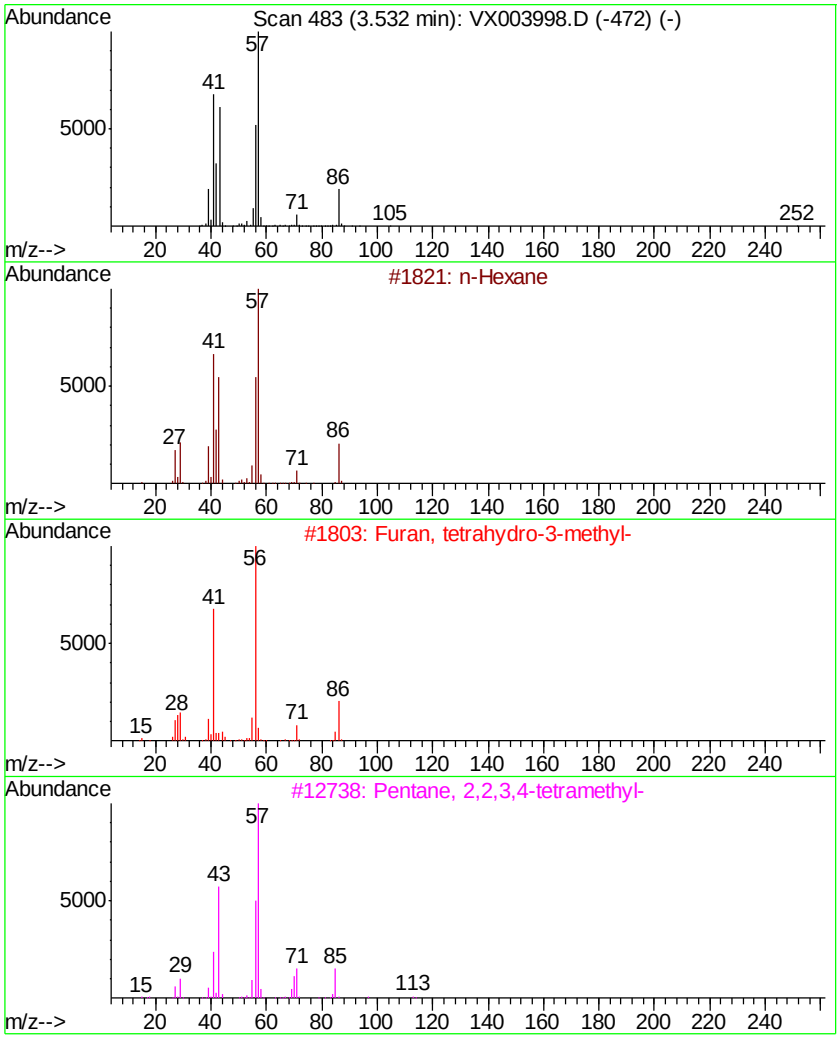
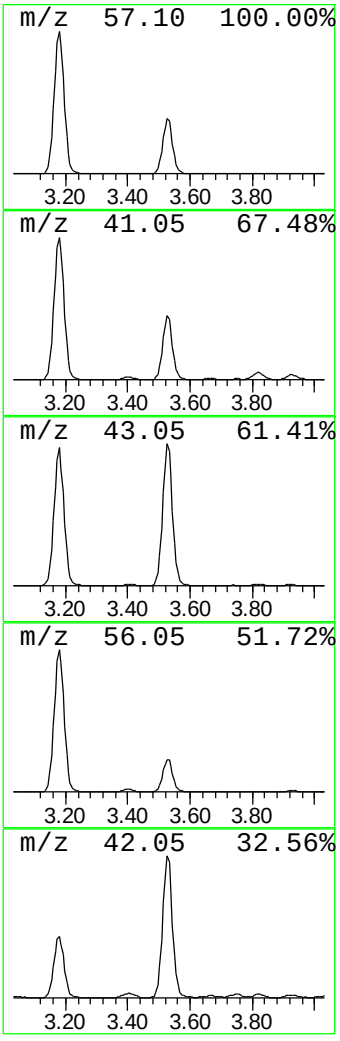
Peak Number 6 n-Hexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	116.49 ug/l	2109240	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	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

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

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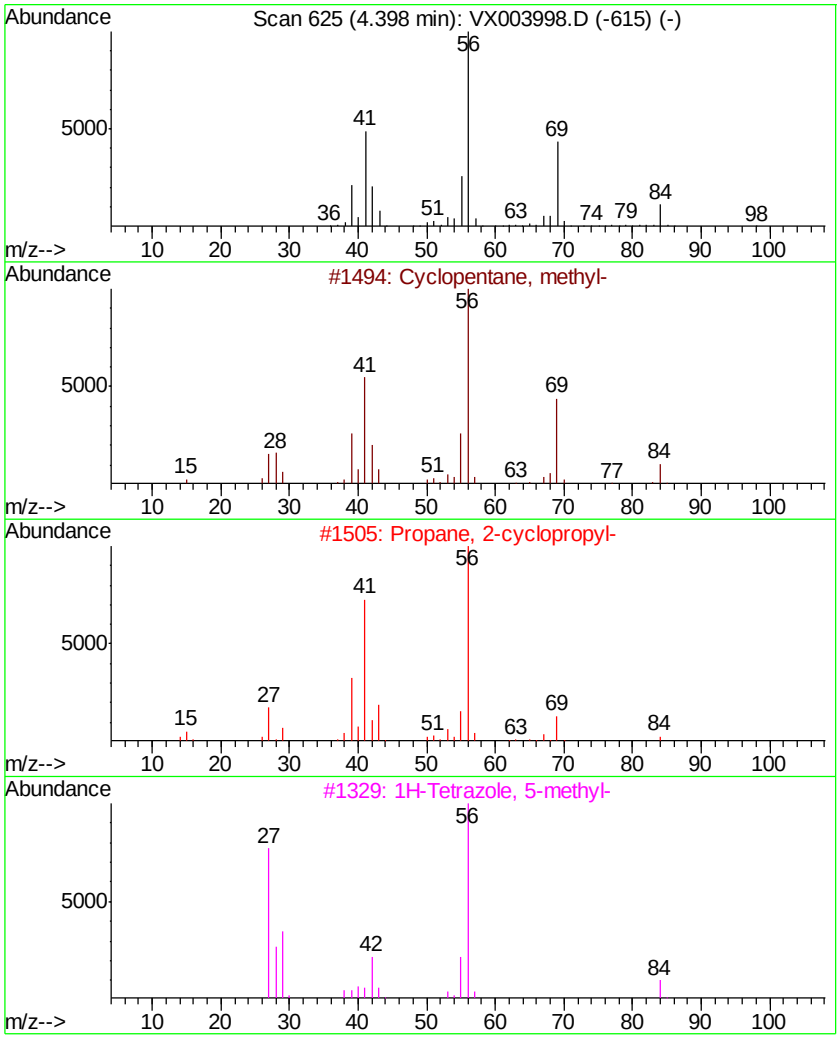
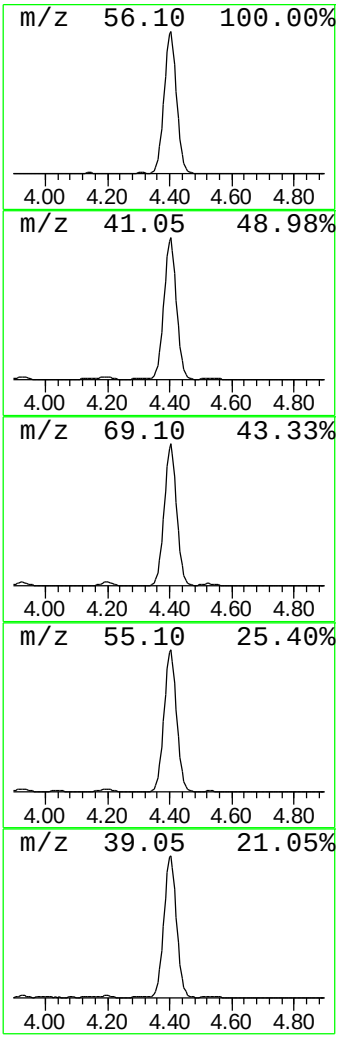
Peak Number 7 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	601.28 ug/l	10887400	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	80
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

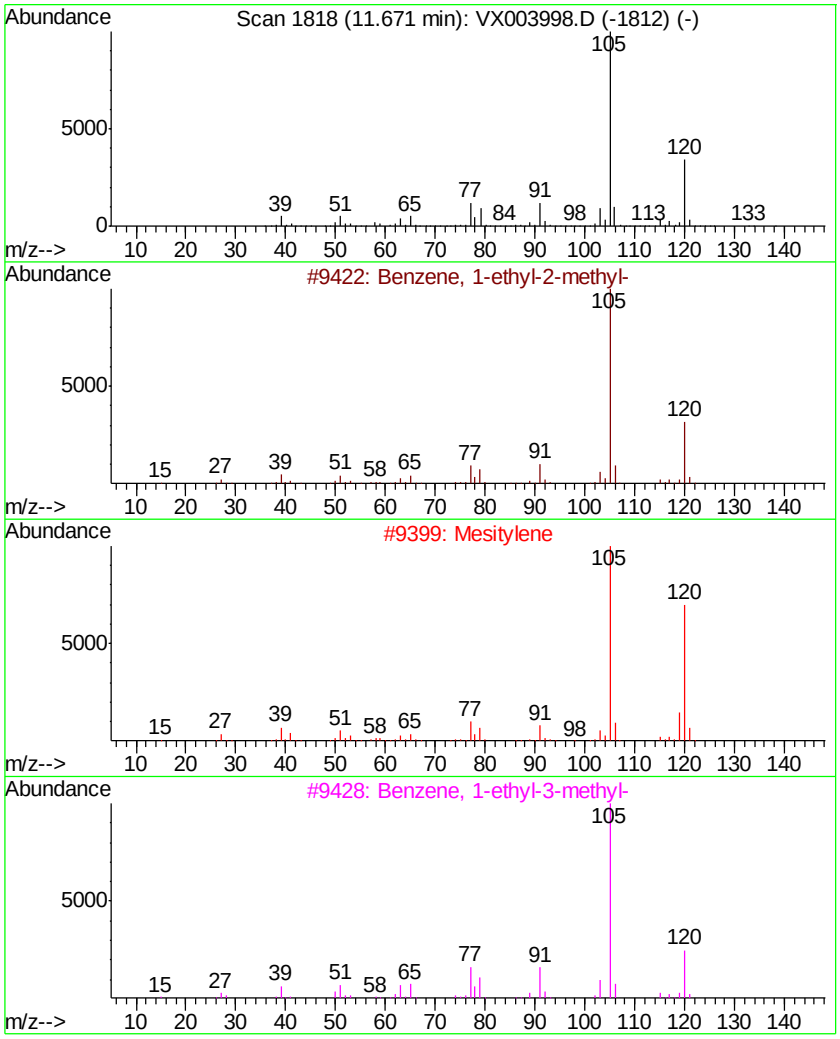
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

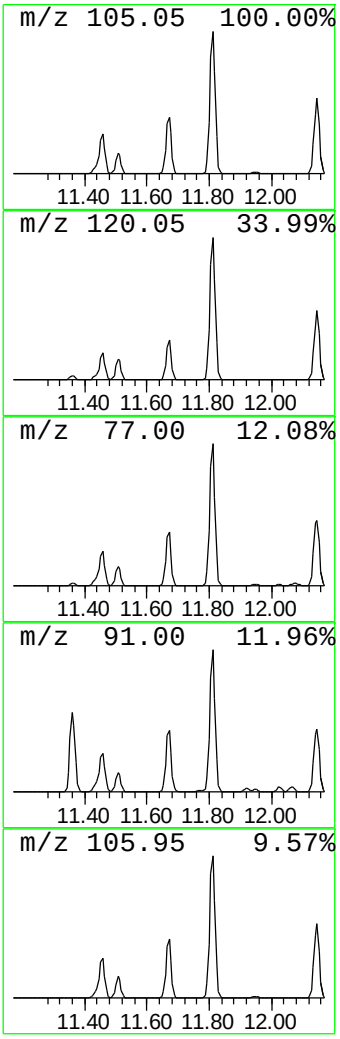
****

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	159.57 ug/l	5817360	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	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

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

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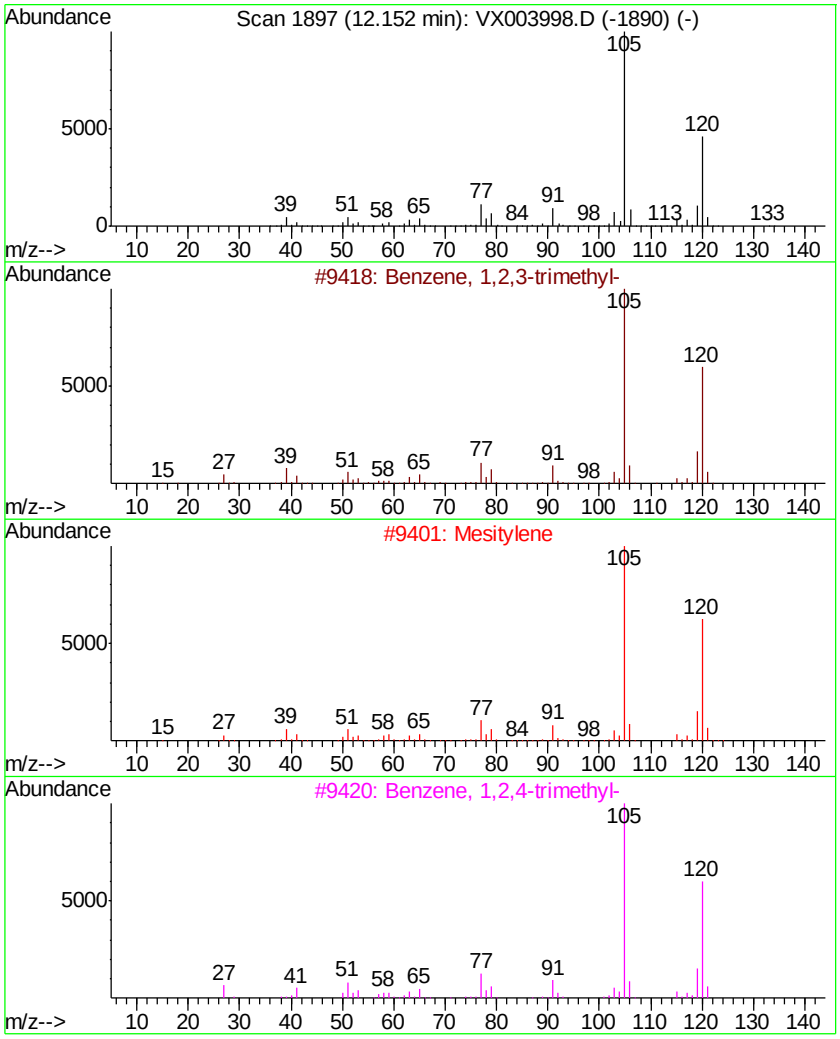
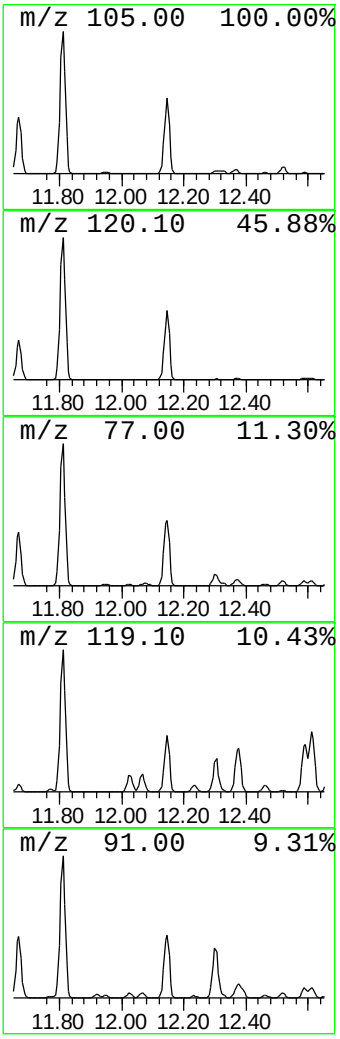
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	211.71 ug/l	7718310	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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260

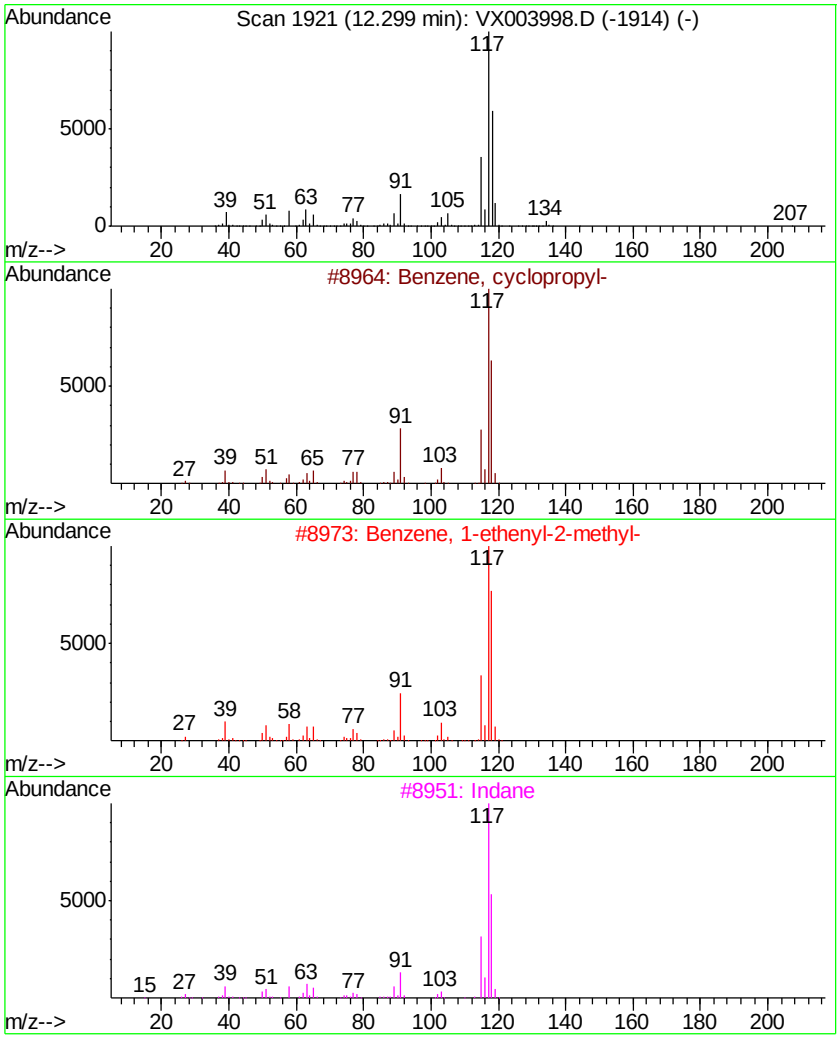
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

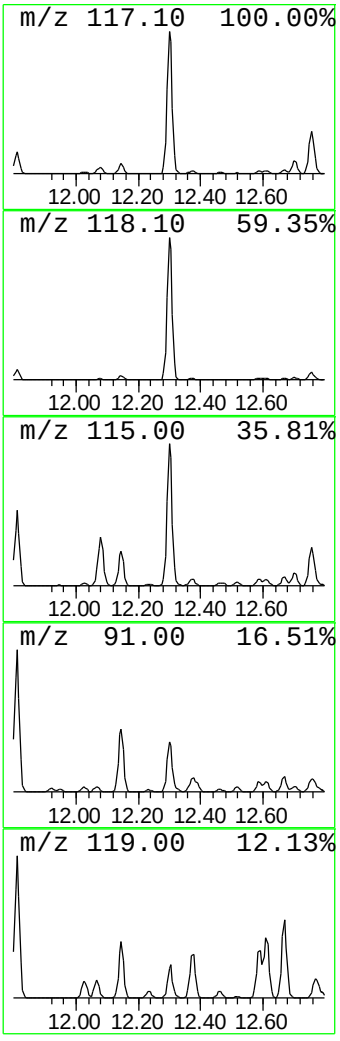
****

Peak Number 10 Benzene, cyclopropyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	127.77 ug/l	4658090	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	78
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081318\
Data File : VX003998.D
Acq On : 13 Aug 2018 14:22
Operator : JC/MD
Sample : J4429-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0566

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.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	155.3	ug/l	2812390	1	5.67	905357	50.0
Pentane, 2-methyl-	2.90	230.3	ug/l	4170140	1	5.67	905357	50.0
1-Pentene	2.93	94.2	ug/l	1705530	1	5.67	905357	50.0
Pentane, 3-methyl-	3.18	252.1	ug/l	4563960	1	5.67	905357	50.0
n-Hexane	3.53	116.5	ug/l	2109240	1	5.67	905357	50.0
Cyclopentane, met...	4.40	601.3	ug/l	10887400	1	5.67	905357	50.0
Benzene, 1-ethyl-...	11.67	159.6	ug/l	5817360	4	12.08	1822870	50.0
Benzene, 1,2,3-tr...	12.15	211.7	ug/l	7718310	4	12.08	1822870	50.0
Benzene, cyclopro...	12.30	127.8	ug/l	4658090	4	12.08	1822870	50.0