LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

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\82X092618W.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	1.300	20	24	37	rBV	1598289	1765139	5.42%	1.090%
2	1.404	37	41	47	rBV	3970850	4233356	12.99%	2.614%
3	1.782	98	103	123	rVB	22015380	32593378	100.00%	20.126%
4	1.995	134	138	152	rVB2	1921028	3340939	10.25%	2.063%
5	2.117	152	158	164	rBV	434576	615459	1.89%	0.380%
6	2.263	178	182	193	rVB	896441	1400086	4.30%	0.865%
7	2.391	193	203	209	rBV	537103	1053719	3.23%	0.651%
8	2.782	256	267	269	rBV4	163242	375434	1.15%	0.232%
9	2.843	270	277	280	rVV	1360659	3106055	9.53%	1.918%
10	2.885	280	284	288	rVV	2876300	5881507	18.05%	3.632%
11	2.928	288	291	313	rVB2	1528146	3498710	10.73%	2.160%
12	3.166	320	330	352	rVB	2393824	5428208	16.65%	3.352%
13	3.391	358	367	379	rBV2	143944	355154	1.09%	0.219%
14	3.513	379	387	399	rBV	147441	336004	1.03%	0.207%
15	3.806	429	435	445	rVB	335312	807448	2.48%	0.499%
16	3.916	445	453	459	rBV	261709	675642	2.07%	0.417%
17	3.989	459	465	474	rVB	135301	338597	1.04%	0.209%
18	4.190	490	498	507	rVB	265960	678240	2.08%	0.419%
19	4.397	522	532	544	rVB	1369820	3969028	12.18%	2.451%
20	5.299	652	680	697	rBV4	138976	678472	2.08%	0.419%
21	5.501	697	713	718	rBV	162138	492091	1.51%	0.304%
22	5.574	718	725	734	rVV2	456015	1538340	4.72%	0.950%
23	5.671	734	741	744	rVV	216933	637059	1.95%	0.393%
24	5.720	744	749	769	rVV3	291801	1012111	3.11%	0.625%
25	5.927	772	783	797	rVV3	329221	1061972	3.26%	0.656%
26	6.068	797	806	812	rVV2	144562	382182	1.17%	0.236%
27	6.147	812	819	827	rVV	223470	615233	1.89%	0.380%
28	6.257	828	837	847	rVV3	316467	1301467	3.99%	0.804%
29	6.354	847	853	862	rVV4	391219	1258284	3.86%	0.777%
30	6.452	862	869	882	rVB2	258286	743821	2.28%	0.459%
31	6.860	927	936	943	rBV2	307832	858710	2.63%	0.530%
32	6.939	944	949	963	rVB4	180218	522791	1.60%	0.323%
33	7.464	1022	1035	1046	rBV3	702412	1843775	5.66%	1.139%
34	8.579	1212	1218	1226	rVB3	199993	417395	1.28%	0.258%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

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\82X092618W.M
Title : SW846 8260

35	8.713	1235	1240	1247	rVB	673231	1124154	3.45%	0.694%
36	8.787	1247	1252	1257	rBV	745981	1111293	3.41%	0.686%
37	10.116	1460	1470	1475	rBV	615445	909842	2.79%	0.562%
38	10.256	1487	1493	1504	rBV	8427810	11462719	35.17%	7.078%
39	10.359	1504	1510	1527	rVB	8337606	11583551	35.54%	7.153%
40	10.701	1561	1566	1576	rVB	627371	836011	2.56%	0.516%
41	11.018	1612	1618	1626	rBV	979452	1263158	3.88%	0.780%
42	11.140	1630	1638	1643	rBV	675380	864292	2.65%	0.534%
43	11.359	1669	1674	1681	rVV	1511956	1841241	5.65%	1.137%
44	11.432	1681	1686	1688	rVV	1896342	2529883	7.76%	1.562%
45	11.457	1688	1690	1694	rVV	1894180	1950142	5.98%	1.204%
46	11.506	1694	1698	1705	rVB	2002878	2407730	7.39%	1.487%
47	11.670	1719	1725	1735	rBV	1541278	1940165	5.95%	1.198%
48	11.810	1743	1748	1754	rVB	2979386	3783705	11.61%	2.336%
49	12.079	1787	1792	1798	rVB	890643	1121950	3.44%	0.693%
50	12.146	1798	1803	1807	rBV	630721	789959	2.42%	0.488%
51	12.298	1823	1828	1836	rBV	7175774	9228082	28.31%	5.698%
52	12.371	1836	1840	1850	rVB3	634497	1003917	3.08%	0.620%
53	12.469	1850	1856	1860	rBV2	353298	508309	1.56%	0.314%
54	12.585	1870	1875	1878	rBV	787631	1035728	3.18%	0.640%
55	12.670	1883	1889	1892	rBV	1472518	1789256	5.49%	1.105%
56	12.701	1892	1894	1898	rVV	481627	537957	1.65%	0.332%
57	12.755	1898	1903	1910	rVB	2589554	3213633	9.86%	1.984%
58	12.981	1932	1940	1943	rBV	706192	921895	2.83%	0.569%
59	13.018	1943	1946	1951	rVB	813270	940713	2.89%	0.581%
60	13.225	1976	1980	1990	rVB	1489072	1857717	5.70%	1.147%
61	13.353	1996	2001	2006	rVB2	3555409	4722751	14.49%	2.916%
62	13.481	2018	2022	2028	rVB	434276	534495	1.64%	0.330%
63	13.603	2038	2042	2045	rBV	391499	508988	1.56%	0.314%
64	13.639	2045	2048	2054	rVB3	268392	464613	1.43%	0.287%
65	13.719	2059	2061	2067	rVB2	395759	572325	1.76%	0.353%
66	13.834	2073	2080	2089	rBV	2667193	3209977	9.85%	1.982%
67	13.926	2089	2095	2100	rVB	378104	486338	1.49%	0.300%
68	14.694	2218	2221	2226	rVB	282417	334420	1.03%	0.207%
69	14.840	2240	2245	2253	rBV2	552436	738982	2.27%	0.456%

Sum of corrected areas: 161945697

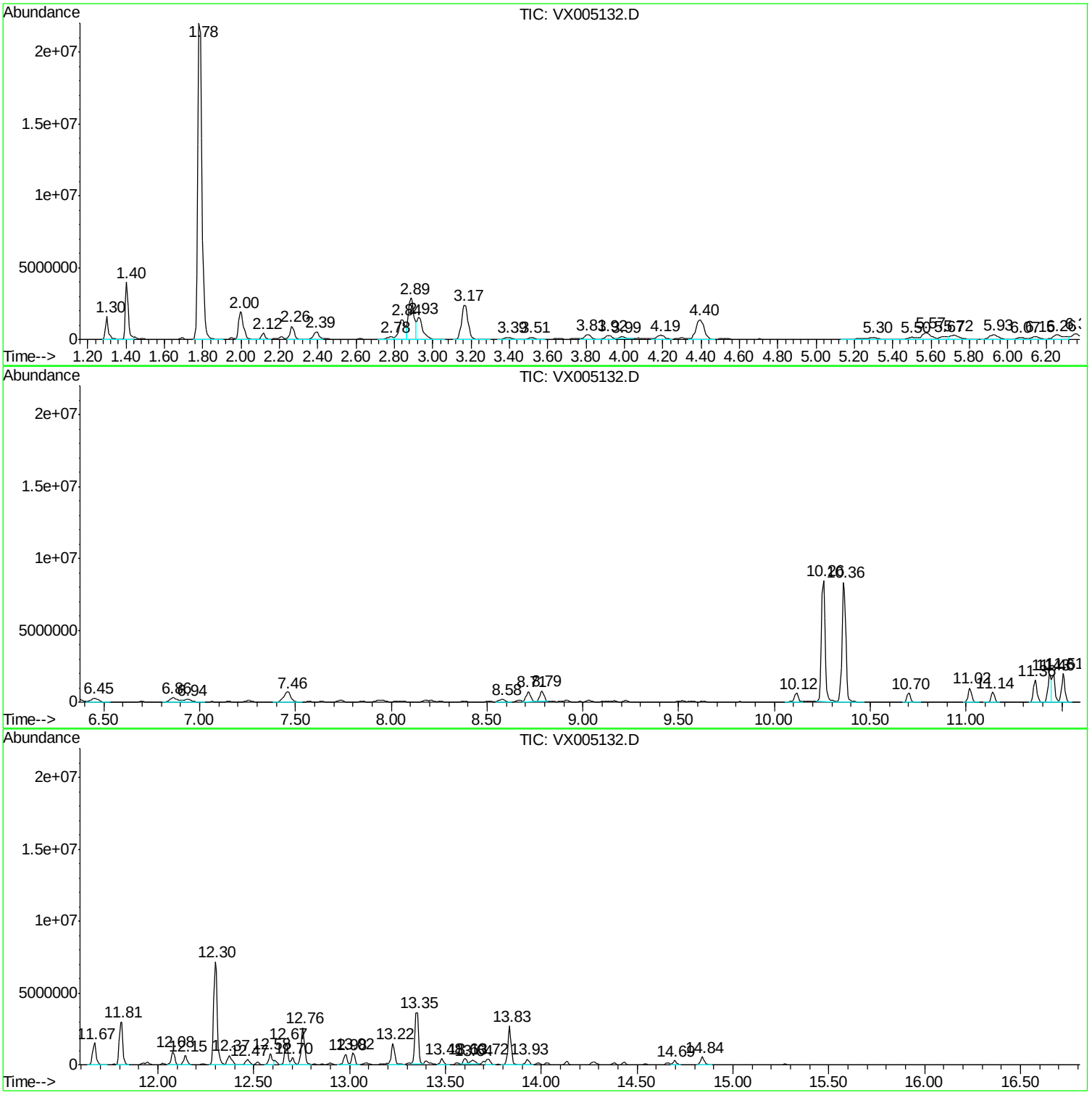
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.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\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

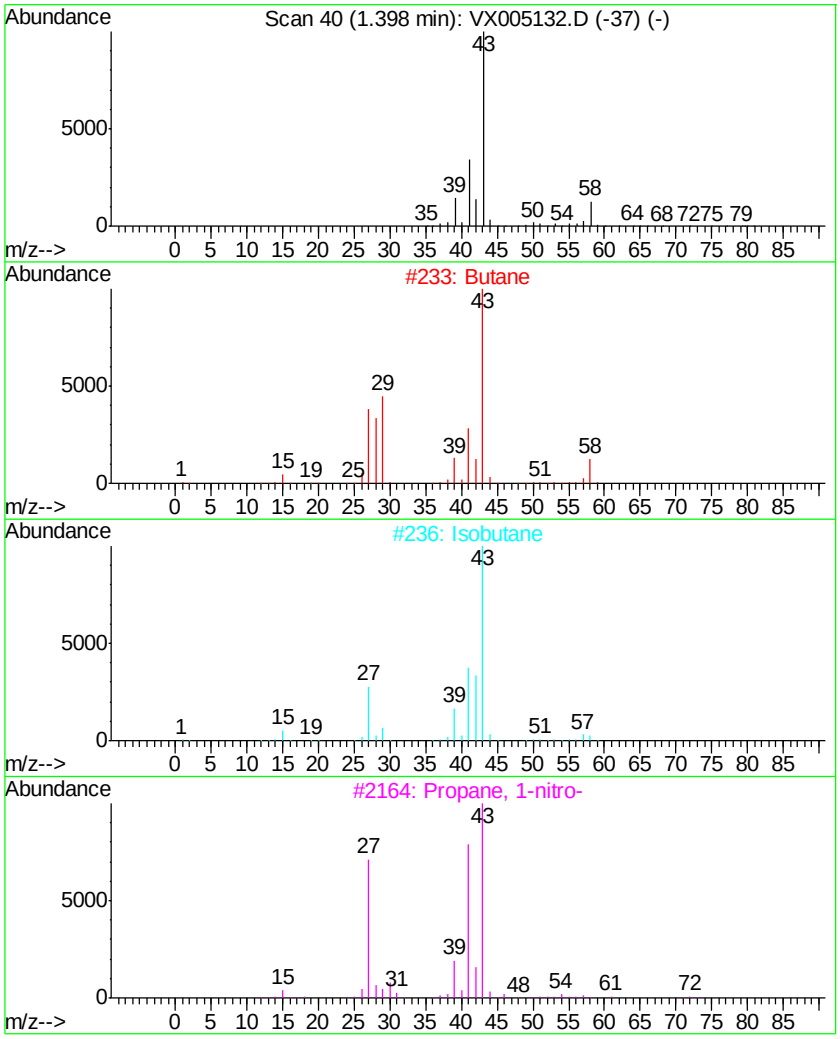
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

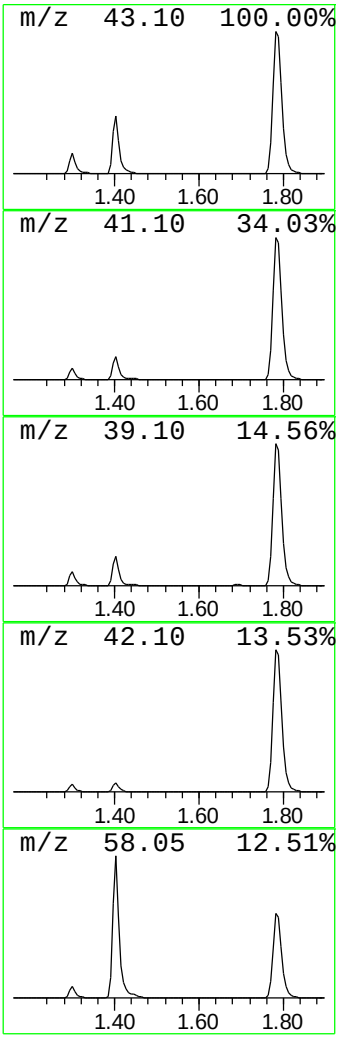
****

Peak Number 1 Butane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.40	332.26 ug/l	4233360	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	80
2	Isobutane	58	C4H10	000075-28-5	9
3	Propane, 1-nitro-	89	C3H7NO2	000108-03-2	9
4	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9
5	Diazene, dimethyl-	58	C2H6N2	000503-28-6	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

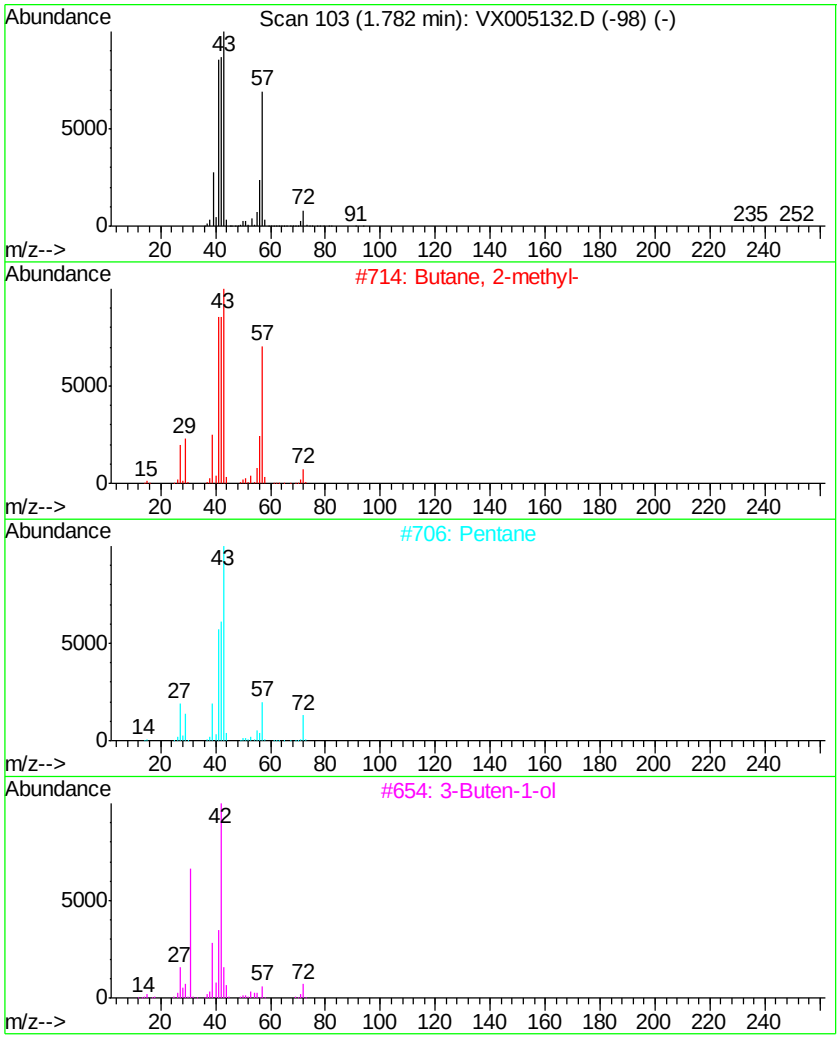
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

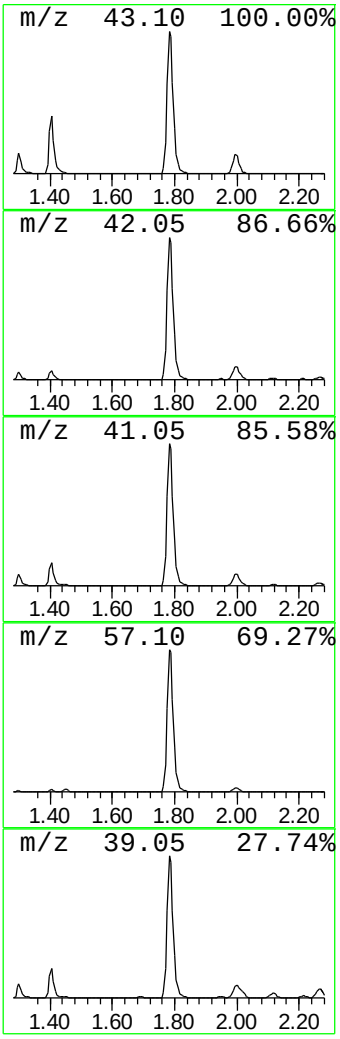
****

Peak Number 2 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	2558.11 ug/l	32593400	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	33
3	3-Buten-1-ol	72	C4H8O	000627-27-0	28
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9
5	1-Butene	56	C4H8	000106-98-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

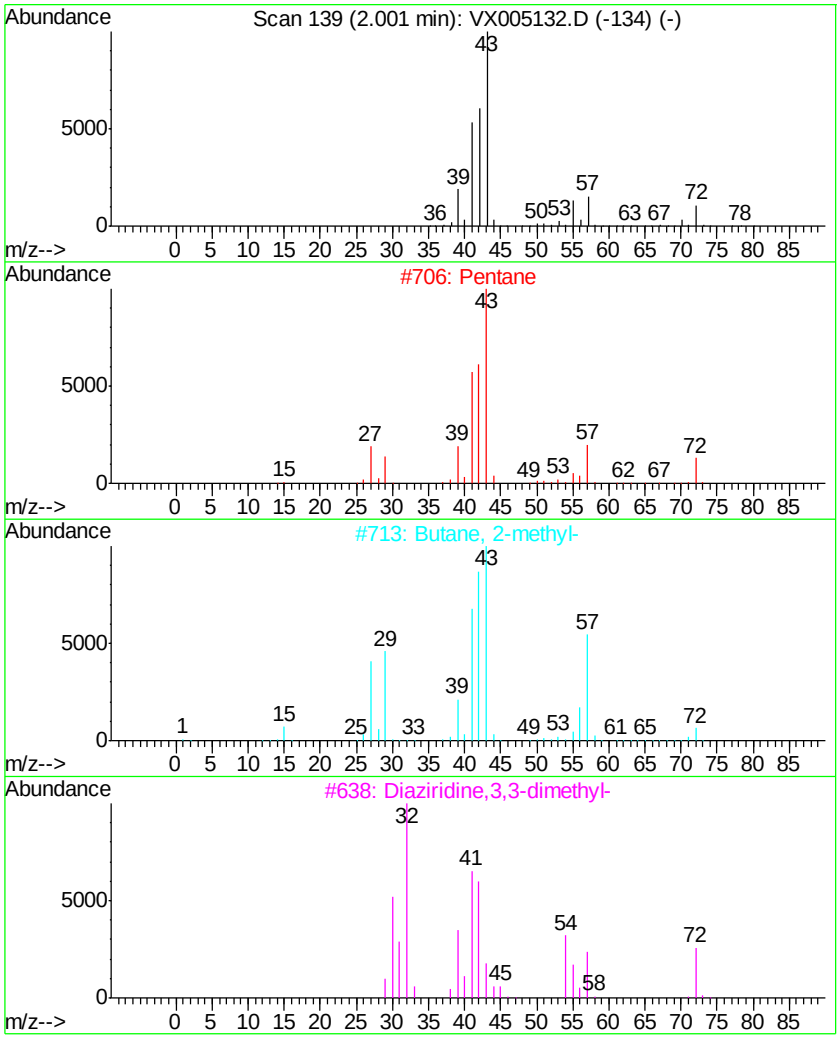
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

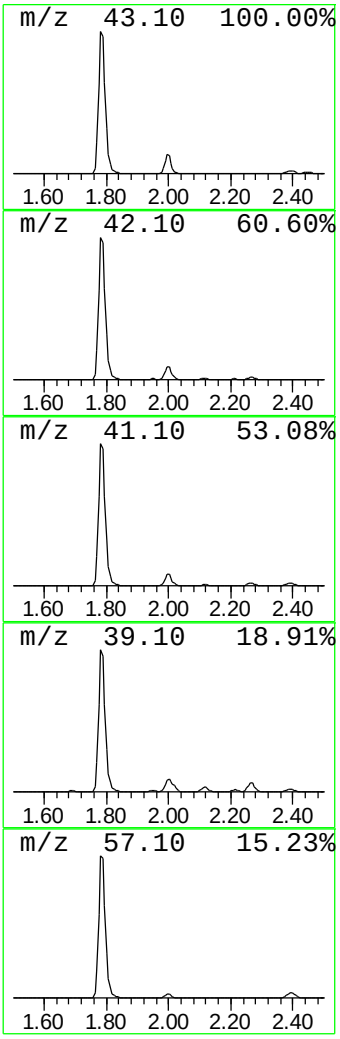
****

Peak Number 3 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	262.22 ug/l	3340940	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	32
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

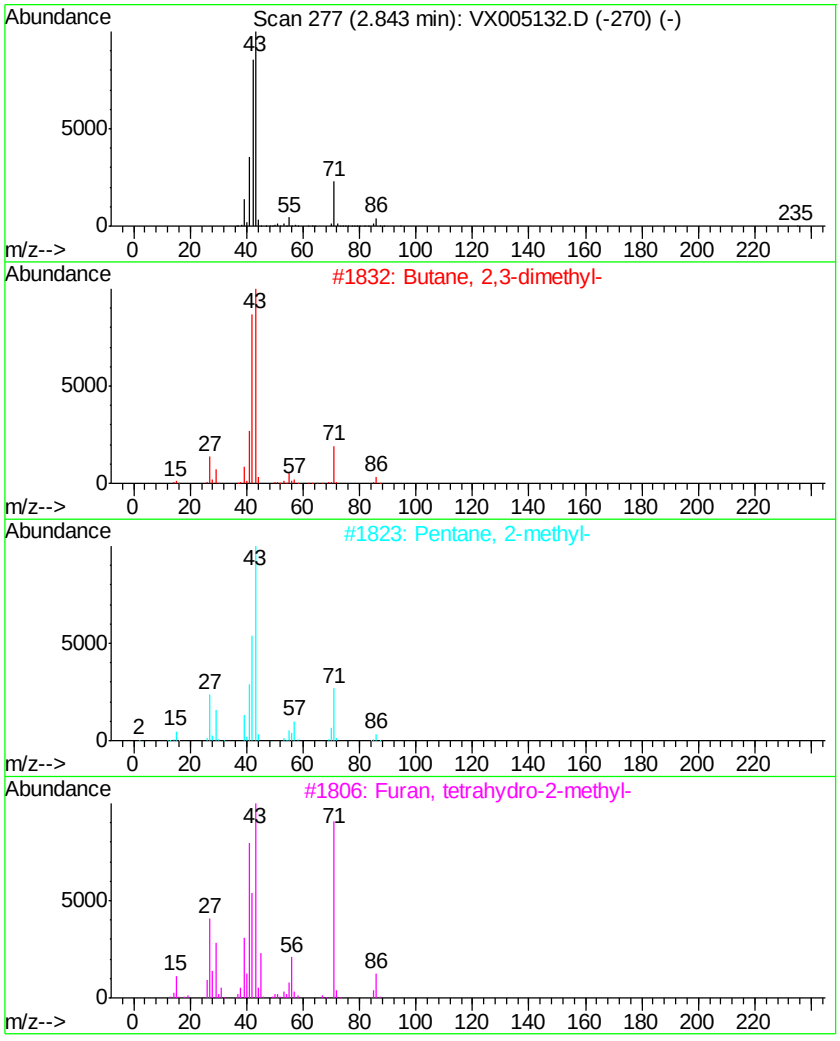
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

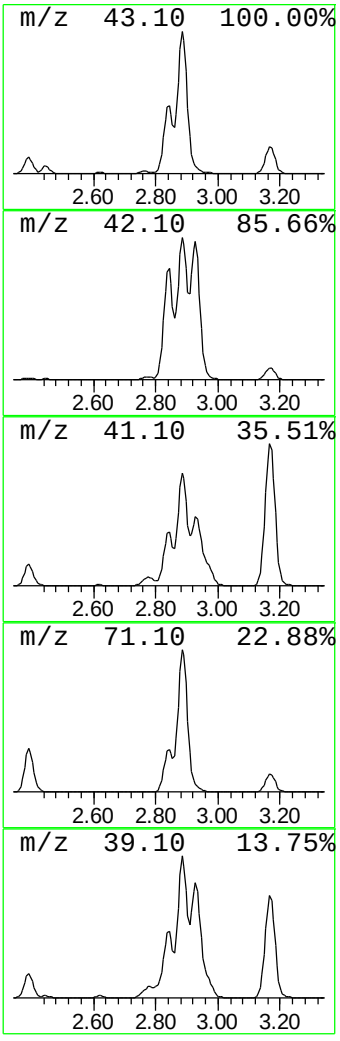
****

Peak Number 4 Butane, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	243.78 ug/l	3106060	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	50
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	9
4	Pyrrolidine	71	C4H9N	000123-75-1	7
5	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	4





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

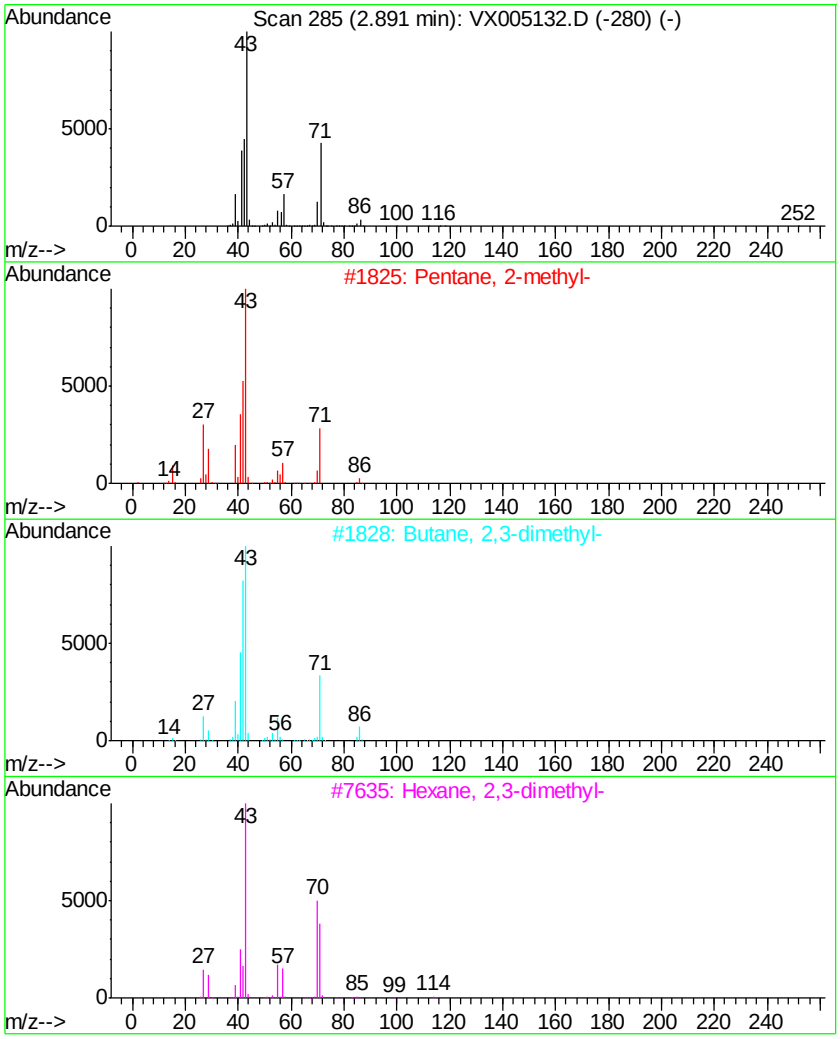
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

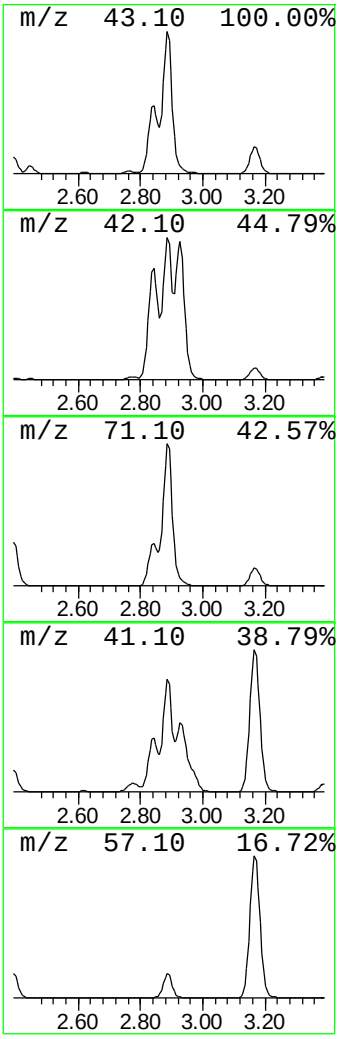
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	461.61 ug/l	5881510	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	47
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	28
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	23





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

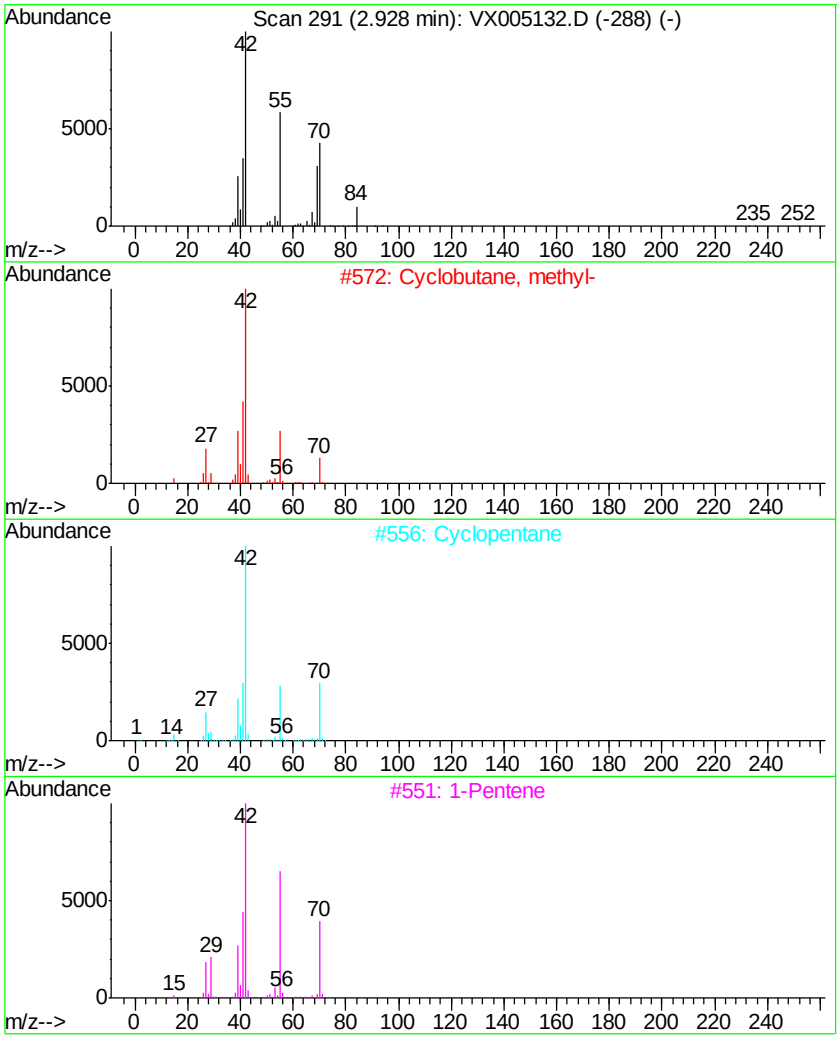
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

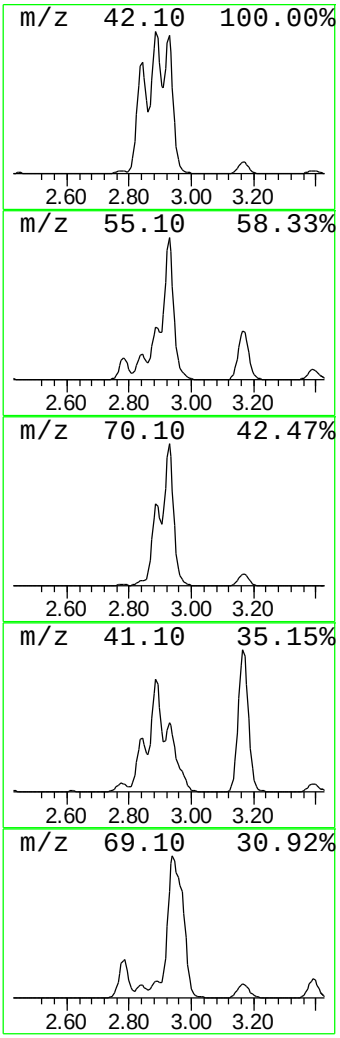
****

Peak Number 6 Cyclobutane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	274.60 ug/l	3498710	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	Cyclopentane	70	C5H10	000287-92-3	80
3	1-Pentene	70	C5H10	000109-67-1	80
4	2-Pentene	70	C5H10	000109-68-2	37
5	3-Buten-1-ol	72	C4H8O	000627-27-0	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

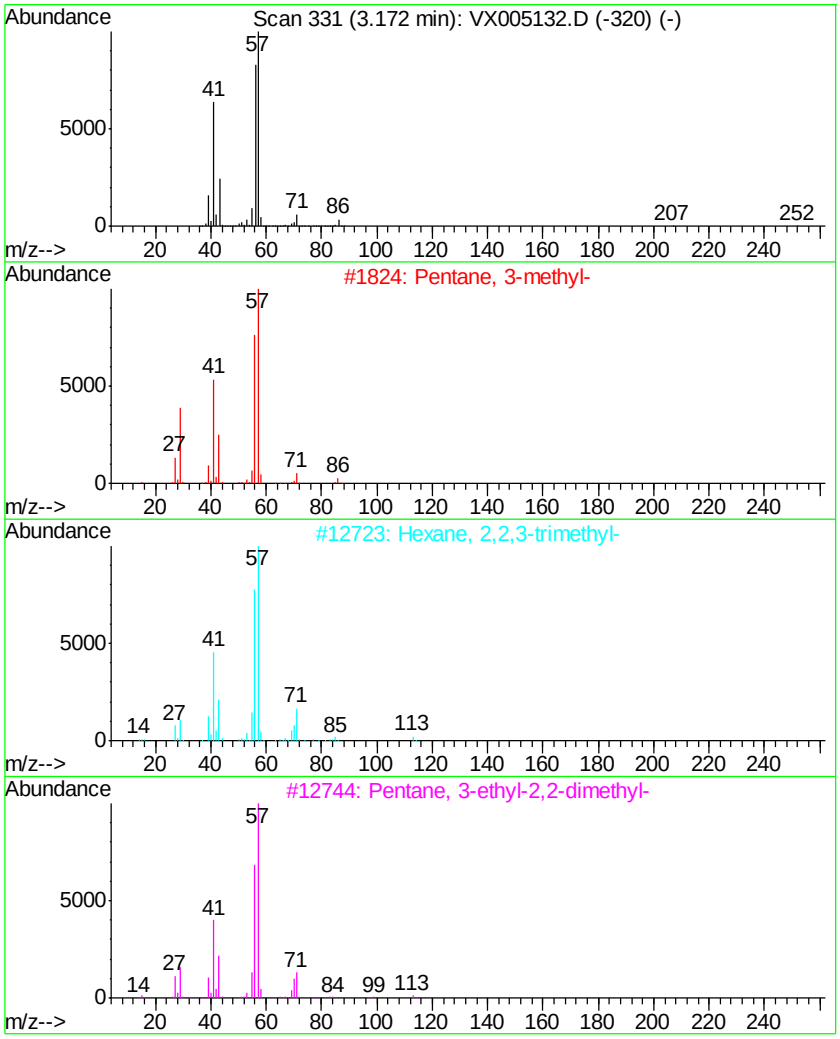
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

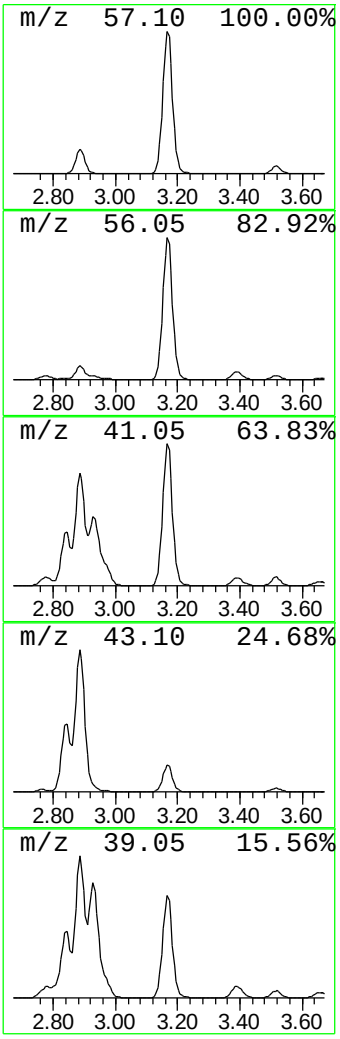
****

Peak Number 7 Pentane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	426.04 ug/l	5428210	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	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

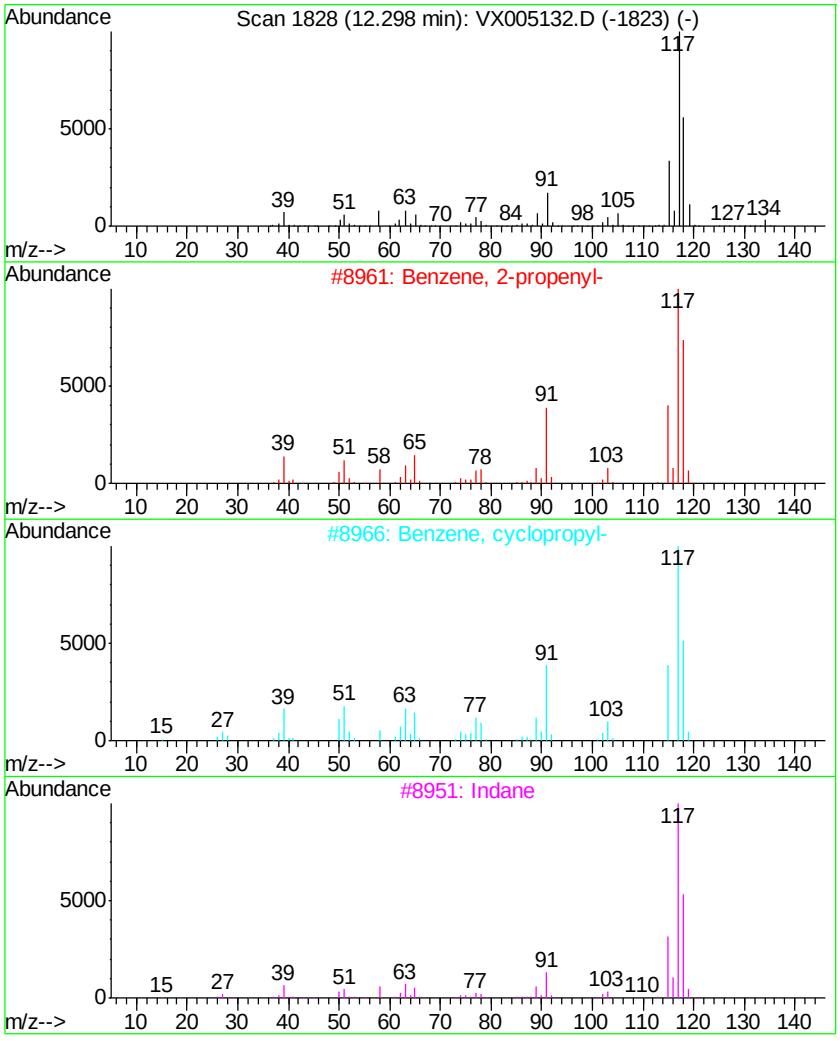
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

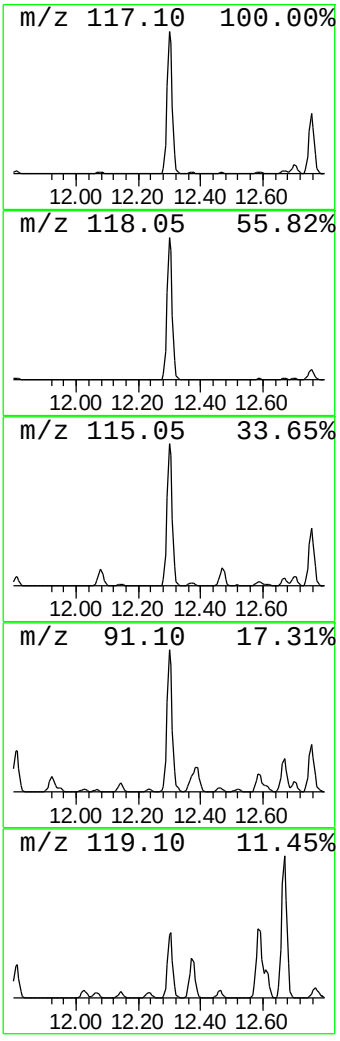
****

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	411.25 ug/l	9228080	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Indane	118	C9H10	000496-11-7	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

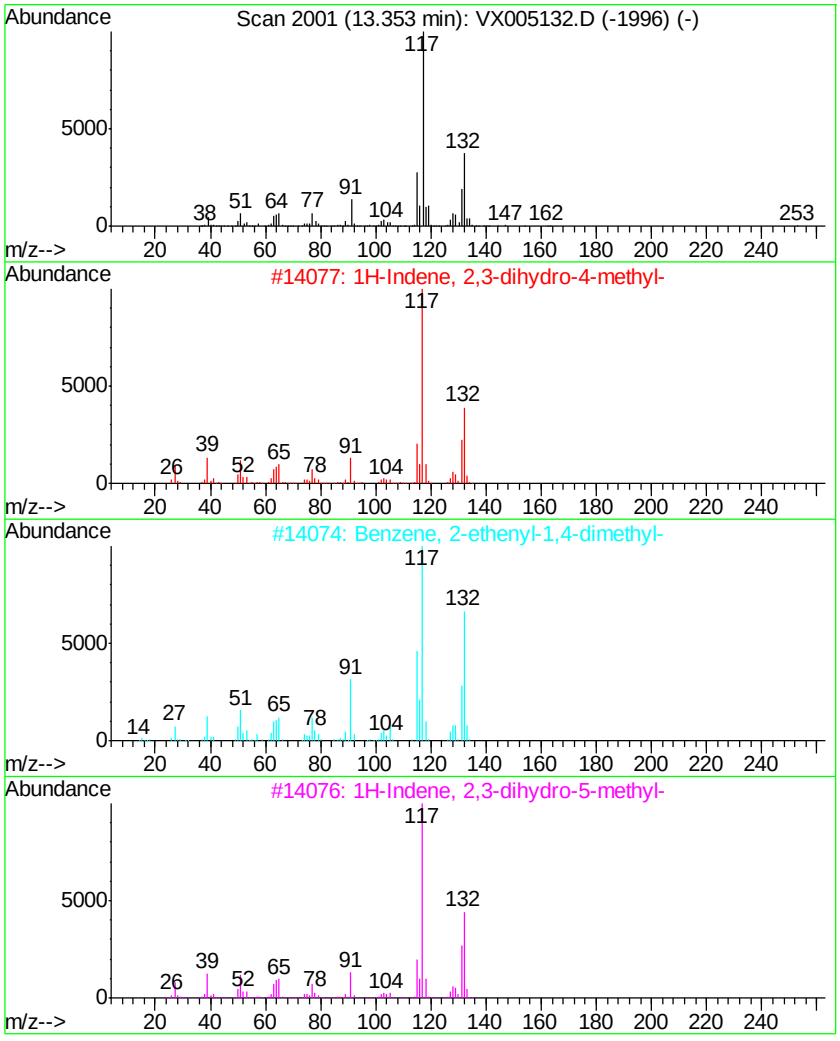
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260

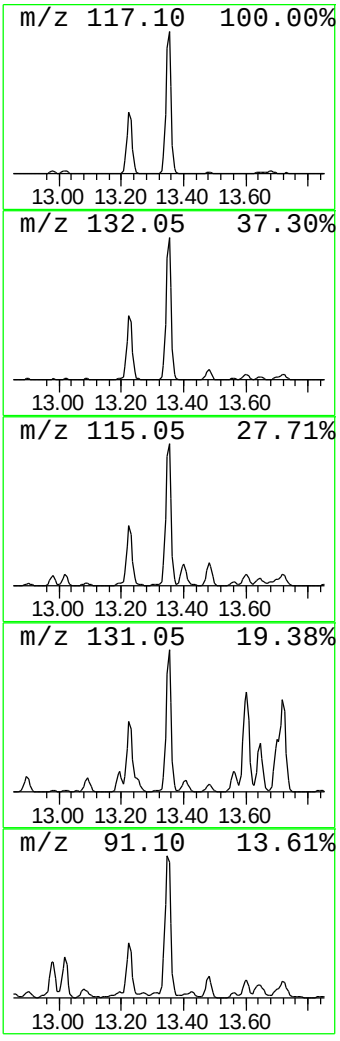
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	210.47 ug/l	4722750	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005132.D
Acq On : 08 Oct 2018 17:22
Operator : JC/MD
Sample : J5268-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.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	1.40	332.3	ug/l	4233360	1	5.67	637059	50.0
Butane, 2-methyl-	1.78	2558.1	ug/l	32593400	1	5.67	637059	50.0
Pentane	2.00	262.2	ug/l	3340940	1	5.67	637059	50.0
Butane, 2,3-dimet...	2.84	243.8	ug/l	3106060	1	5.67	637059	50.0
Pentane, 2-methyl-	2.89	461.6	ug/l	5881510	1	5.67	637059	50.0
Cyclobutane, methyl-	2.93	274.6	ug/l	3498710	1	5.67	637059	50.0
Pentane, 3-methyl-	3.17	426.0	ug/l	5428210	1	5.67	637059	50.0
Benzene, 2-propenyl-	12.30	411.3	ug/l	9228080	4	12.08	1121950	50.0
1H-Indene, 2,3-di...	13.35	210.5	ug/l	4722750	4	12.08	1121950	50.0