LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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	1.404	37	41	47	rBV	103699	104657	2.21%	0.250%
2	1.782	98	103	118	rVB	790978	1167596	24.66%	2.784%
3	1.995	133	138	150	rBV	328302	497421	10.51%	1.186%
4	2.117	153	158	165	rVV	49640	71747	1.52%	0.171%
5	2.263	178	182	189	rVB	35565	55457	1.17%	0.132%
6	2.446	208	212	219	rVB	52835	84422	1.78%	0.201%
7	2.617	235	240	252	rVB	47713	88114	1.86%	0.210%
8	2.842	269	277	280	rBV2	79108	177851	3.76%	0.424%
9	2.885	280	284	287	rVV	173090	337883	7.14%	0.806%
10	2.928	287	291	303	rVB	252958	534437	11.29%	1.274%
11	3.166	321	330	342	rBV	162906	368924	7.79%	0.880%
12	3.513	379	387	397	rBV	44072	104437	2.21%	0.249%
13	4.397	520	532	545	rVB	337898	997864	21.08%	2.379%
14	4.702	572	582	589	rBV2	25615	73269	1.55%	0.175%
15	5.500	700	713	719	rBV	155116	457930	9.67%	1.092%
16	5.574	719	725	732	rVV2	172472	518154	10.94%	1.235%
17	5.665	732	740	770	rVB	210150	692139	14.62%	1.650%
18	5.933	773	784	796	rVB6	24900	86402	1.83%	0.206%
19	6.067	796	806	814	rBV2	167713	436065	9.21%	1.040%
20	6.141	814	818	827	rVB	38769	89861	1.90%	0.214%
21	6.256	829	837	840	rBV3	25527	65590	1.39%	0.156%
22	6.354	848	853	861	rVB4	32818	85831	1.81%	0.205%
23	6.452	861	869	882	rVB2	23149	69552	1.47%	0.166%
24	6.860	926	936	959	rBV	316251	806266	17.03%	1.922%
25	7.457	1022	1034	1045	rBV2	85914	234447	4.95%	0.559%
26	8.719	1234	1241	1247	rBV	723389	1182471	24.98%	2.819%
27	8.787	1247	1252	1259	rVB	291119	452079	9.55%	1.078%
28	10.116	1459	1470	1480	rBV	677060	964096	20.36%	2.299%
29	10.256	1487	1493	1504	rBV	3391998	4684760	98.95%	11.169%
30	10.359	1504	1510	1531	rVB	3477908	4734274	100.00%	11.287%
31	10.701	1560	1566	1585	rVB	2650592	3407359	71.97%	8.124%
32	11.018	1612	1618	1626	rBV	264867	346499	7.32%	0.826%
33	11.140	1632	1638	1651	rBV	732003	938918	19.83%	2.239%
34	11.359	1669	1674	1681	rBV	535084	663765	14.02%	1.583%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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	11.432	1681	1686	1694	rVV	1172126	1980610	41.84%	4.722%
36	11.506	1694	1698	1705	rVB	337862	408379	8.63%	0.974%
37	11.670	1719	1725	1737	rBV	1000937	1224597	25.87%	2.920%
38	11.810	1742	1748	1761	rVB	2442002	3020807	63.81%	7.202%
39	12.024	1778	1783	1787	rBV	47504	61924	1.31%	0.148%
40	12.079	1787	1792	1798	rVV	923407	1131107	23.89%	2.697%
41	12.146	1798	1803	1809	rVB	700415	870031	18.38%	2.074%
42	12.298	1821	1828	1836	rBV2	1097211	1523870	32.19%	3.633%
43	12.371	1836	1840	1849	rVB2	164600	256259	5.41%	0.611%
44	12.463	1850	1855	1860	rBV2	48606	70228	1.48%	0.167%
45	12.518	1860	1864	1870	rVB	59437	74433	1.57%	0.177%
46	12.585	1870	1875	1878	rBV	170002	234895	4.96%	0.560%
47	12.670	1884	1889	1892	rBV	263293	323330	6.83%	0.771%
48	12.700	1892	1894	1898	rVV	125509	134955	2.85%	0.322%
49	12.755	1898	1903	1911	rVV	387035	501199	10.59%	1.195%
50	12.853	1911	1919	1924	rVV	111045	245905	5.19%	0.586%
51	12.902	1924	1927	1932	rVB2	54494	72863	1.54%	0.174%
52	12.975	1932	1939	1942	rBV	164177	212223	4.48%	0.506%
53	13.017	1942	1946	1952	rVB2	167299	229171	4.84%	0.546%
54	13.225	1976	1980	1985	rVB	232478	267543	5.65%	0.638%
55	13.347	1996	2000	2006	rVB2	485688	650189	13.73%	1.550%
56	13.481	2018	2022	2031	rVB	65877	89726	1.90%	0.214%
57	13.603	2038	2042	2045	rBV	41738	56808	1.20%	0.135%
58	13.639	2045	2048	2055	rVV5	41295	82140	1.74%	0.196%
59	13.719	2059	2061	2066	rVB2	45422	56417	1.19%	0.135%
60	13.773	2066	2070	2074	rVB	63503	81314	1.72%	0.194%
61	13.834	2074	2080	2084	rBV	1483037	1792246	37.86%	4.273%
62	13.877	2084	2087	2091	rVV	117999	153630	3.25%	0.366%
63	13.926	2091	2095	2100	rVB	117858	152202	3.21%	0.363%
64	14.694	2217	2221	2226	rVB	132220	154554	3.26%	0.368%
65	14.840	2240	2245	2253	rVB	189555	249534	5.27%	0.595%

Sum of corrected areas: 41943626

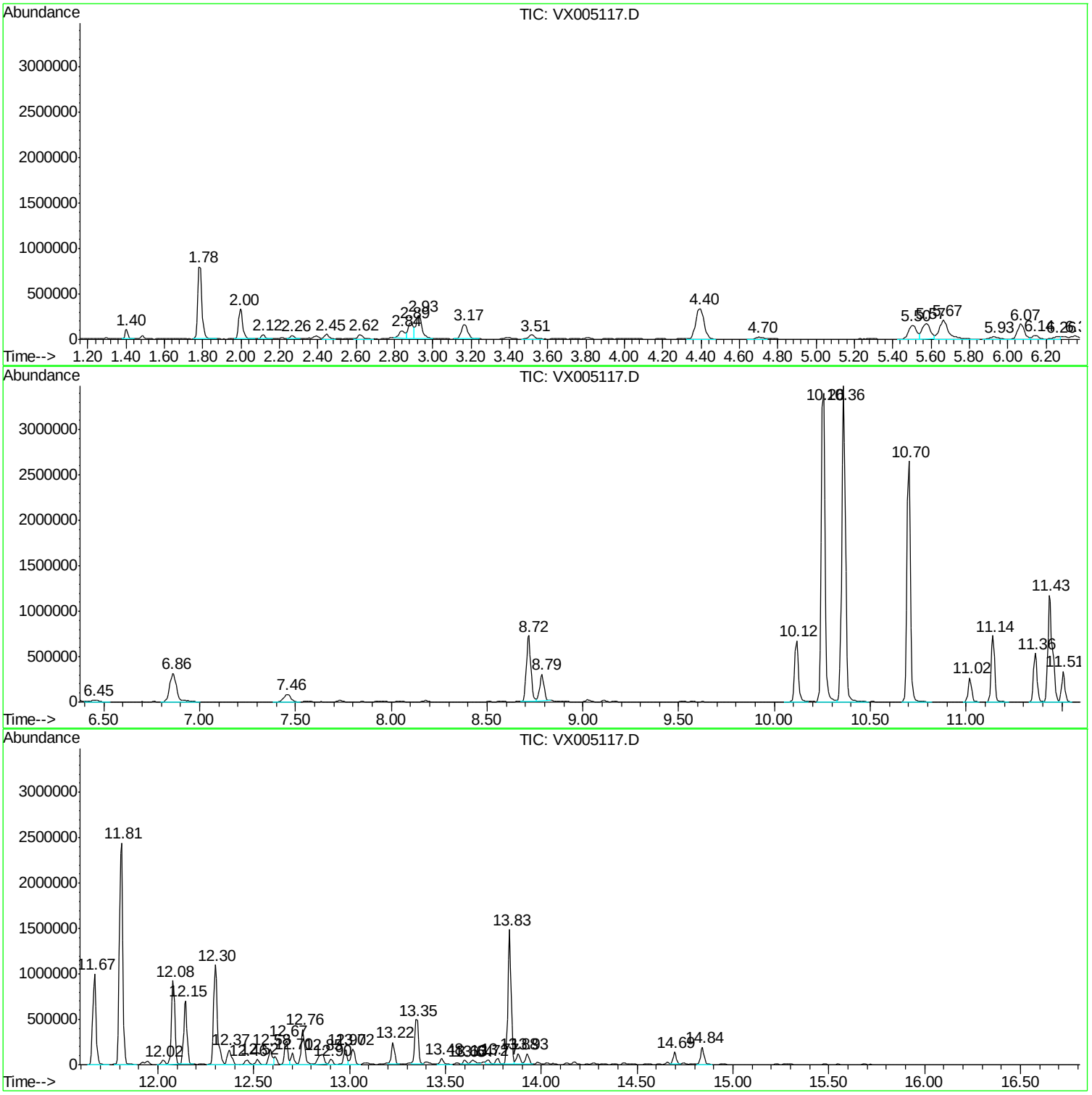
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-8

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 : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

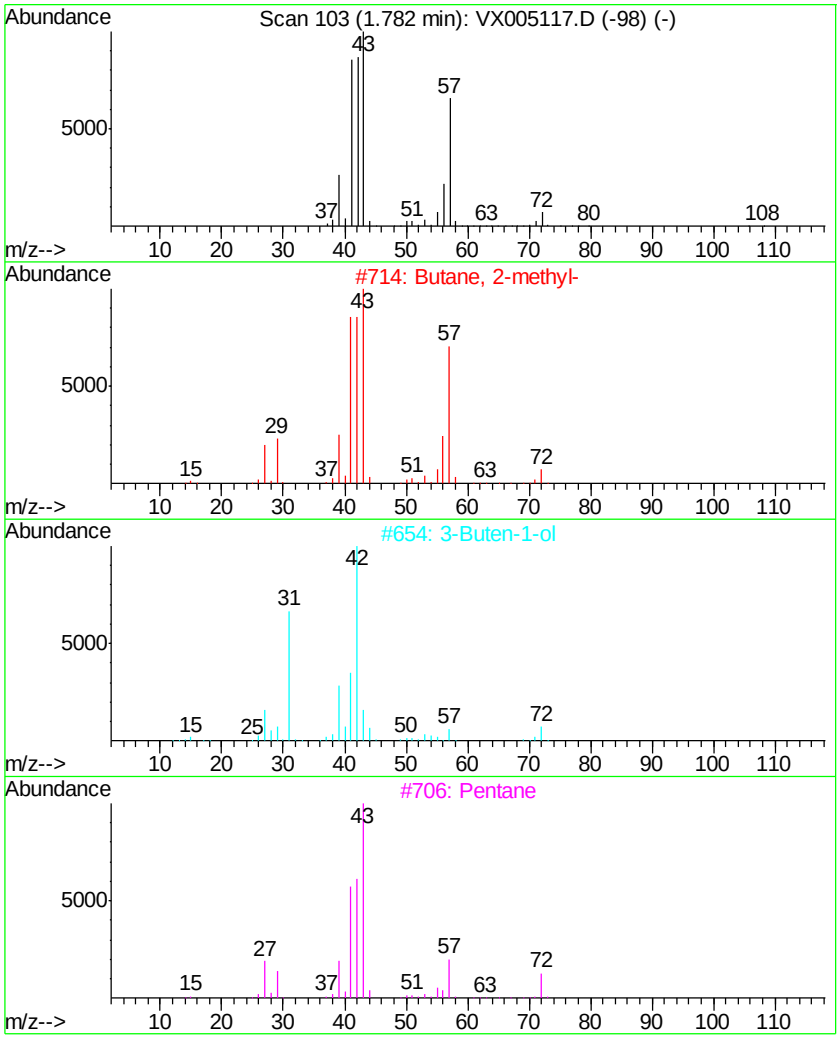
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

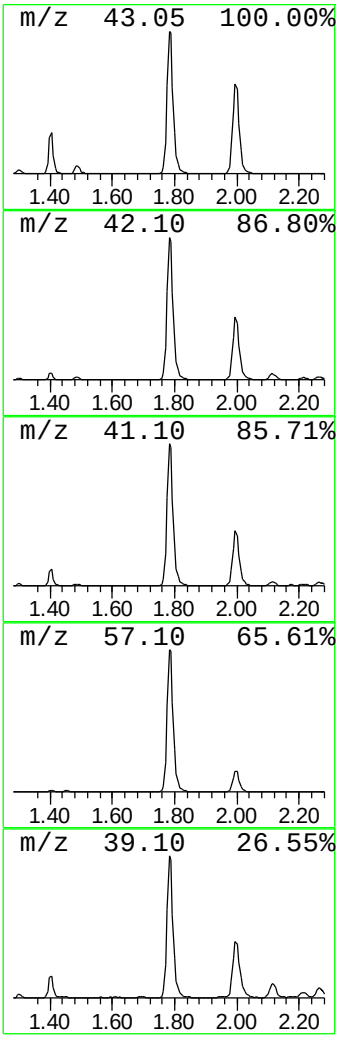
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.78	84.35 ug/l	1167600	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	45
4	1-Butene	56	C4H8	000106-98-9	9
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

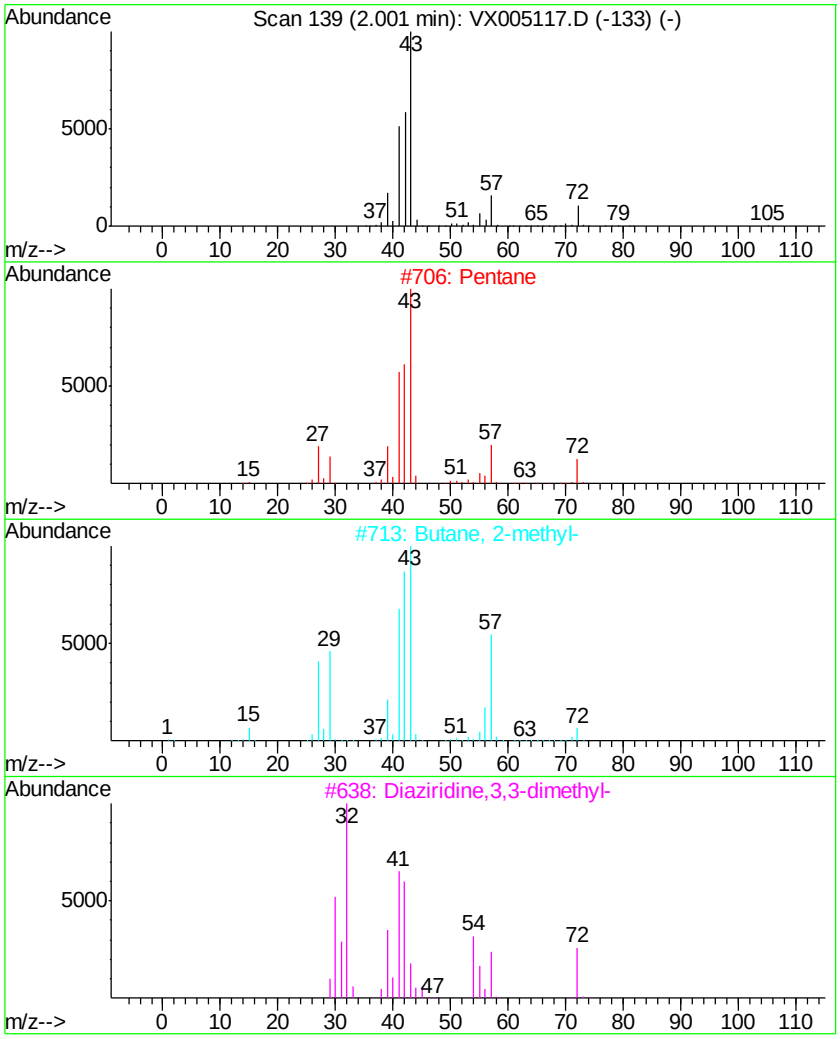
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

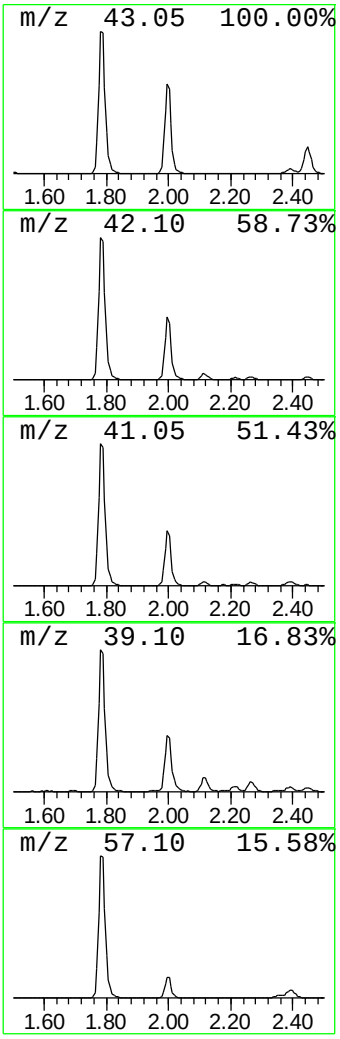
****

Peak Number 2 Pentane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	35.93 ug/l	497421	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	25
3	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	16
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	9
5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

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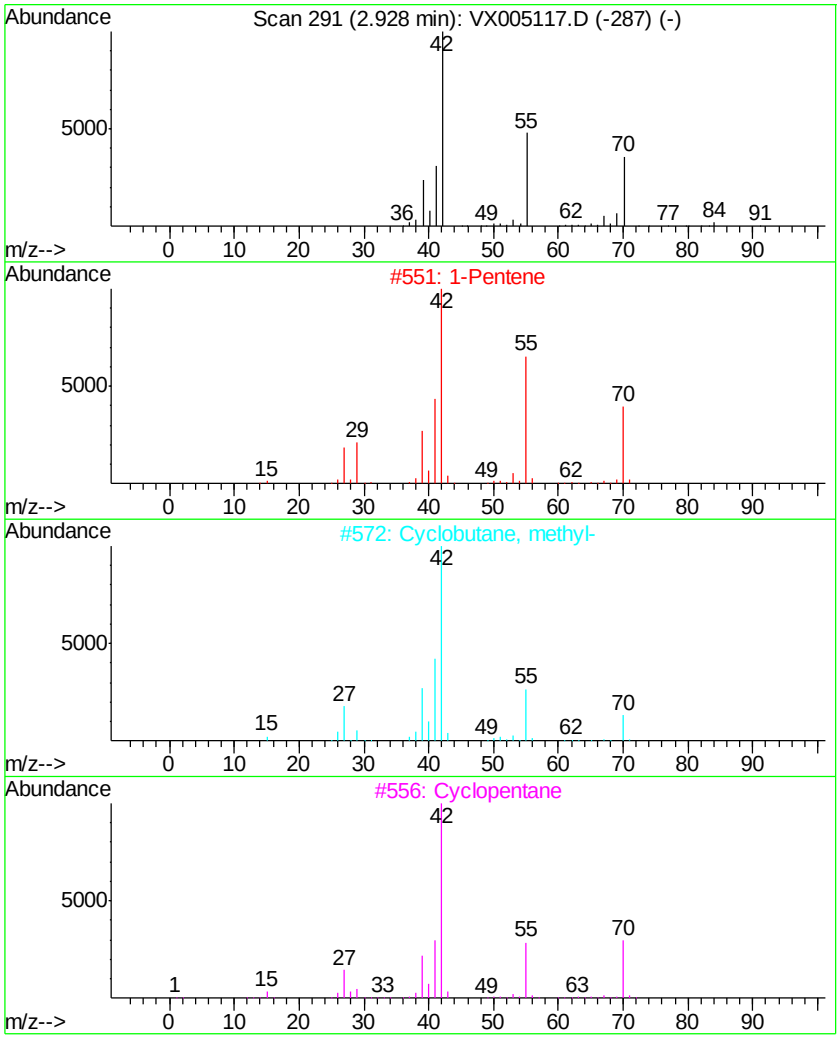
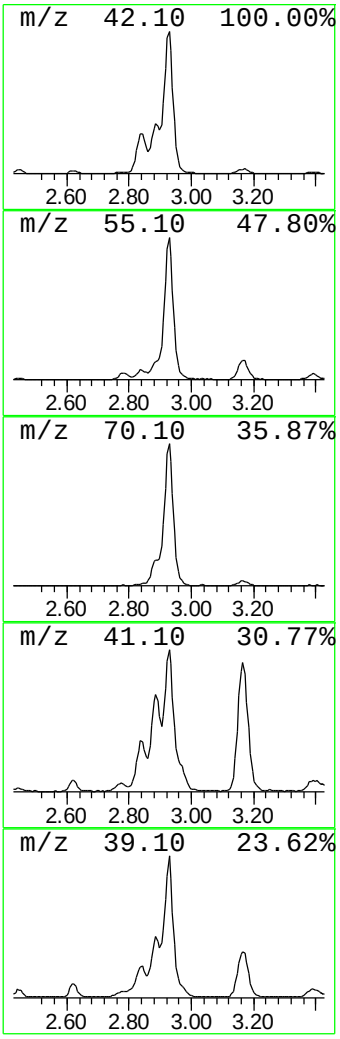
Peak Number 3 1-Pentene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	38.61 ug/l	534437	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
3	Cyclopentane	70	C5H10	000287-92-3	72
4	Cyclobutanone	70	C4H6O	001191-95-3	9
5	n-Propyl chloride	78	C3H7Cl	000540-54-5	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

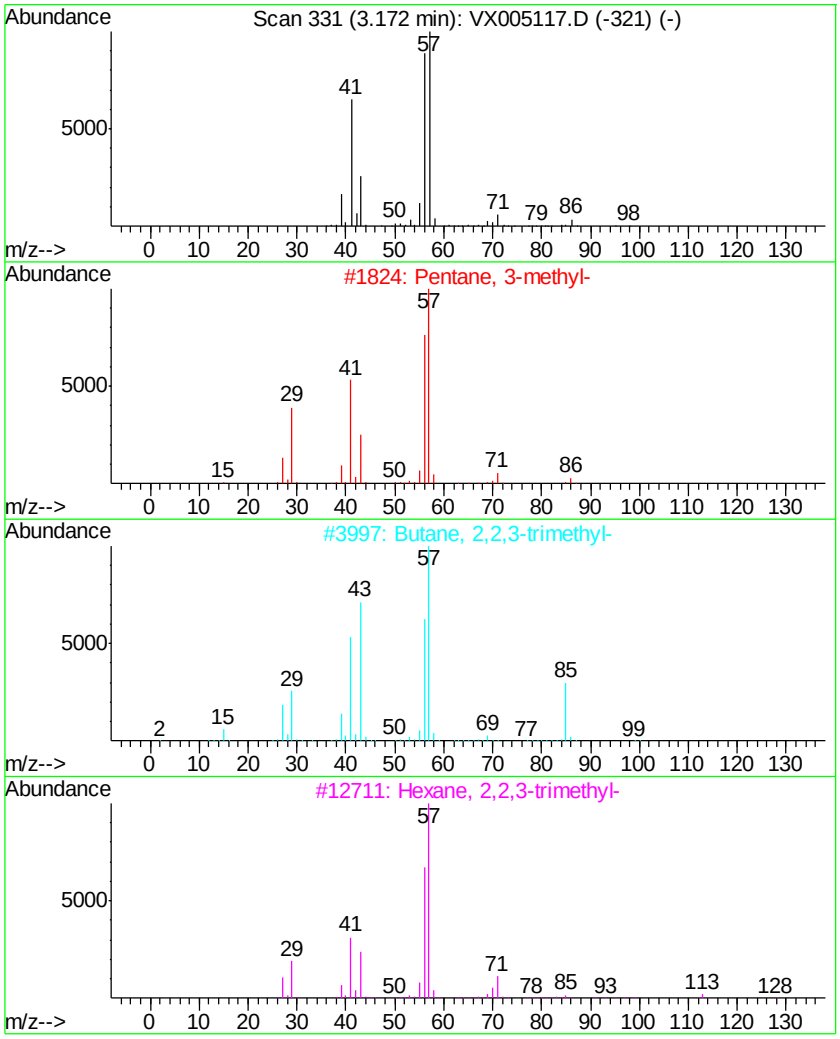
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

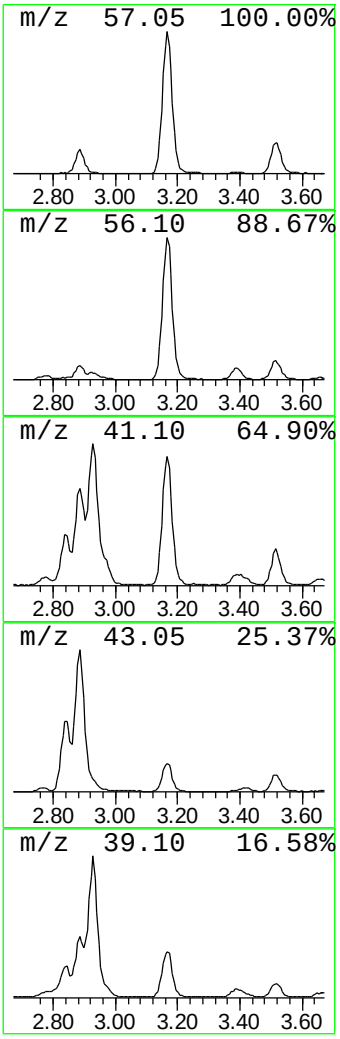
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	26.65 ug/l	368924	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
4	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	64
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

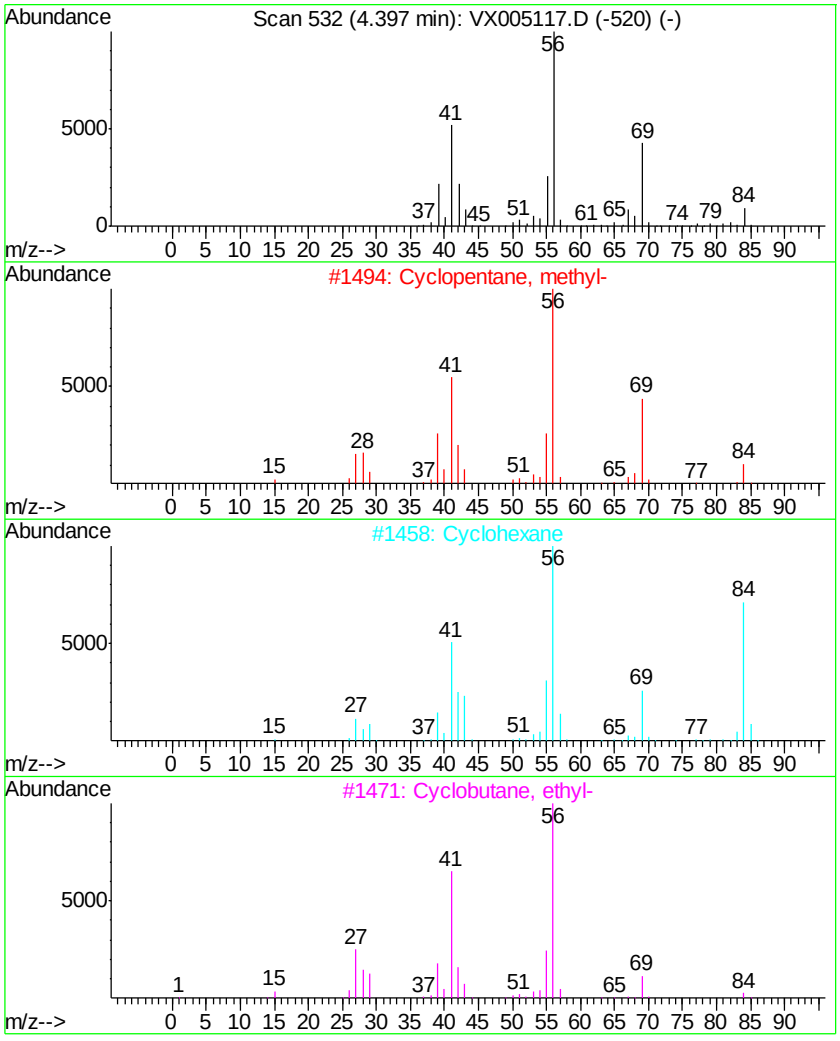
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

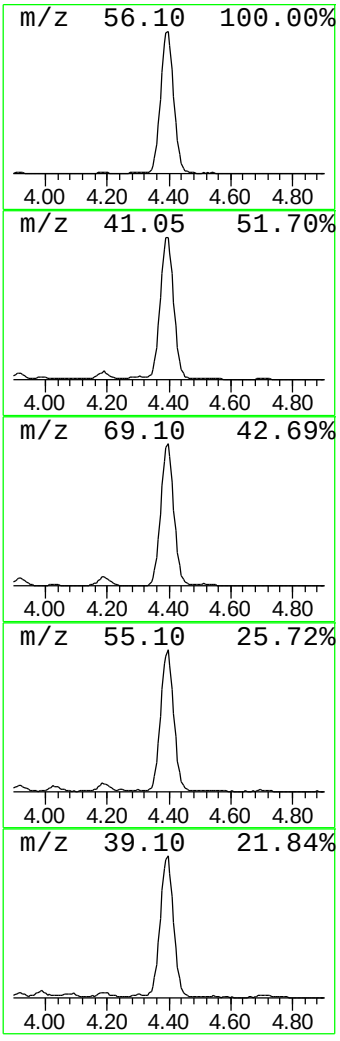
****

Peak Number 5 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	72.09 ug/l	997864	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclohexane	84	C6H12	000110-82-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

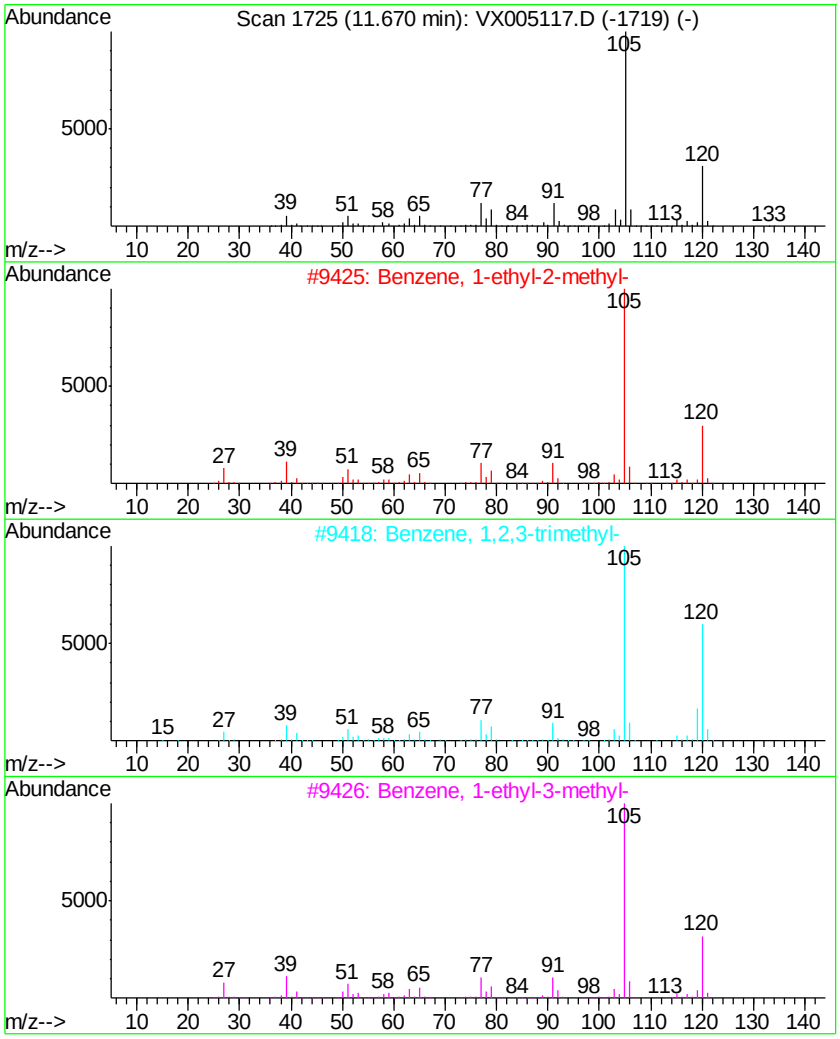
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

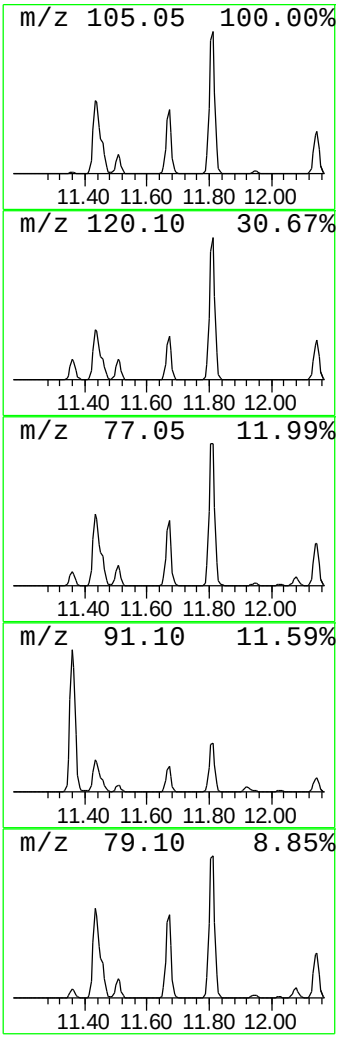
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	54.13 ug/l	1224600	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

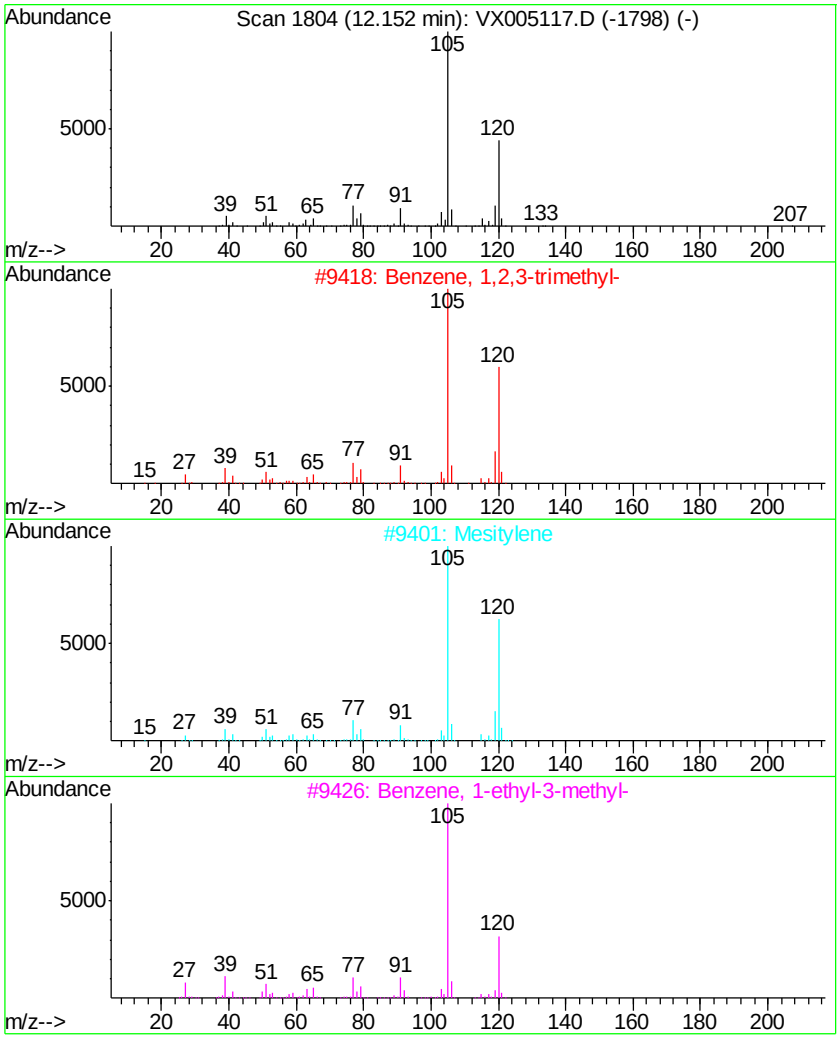
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

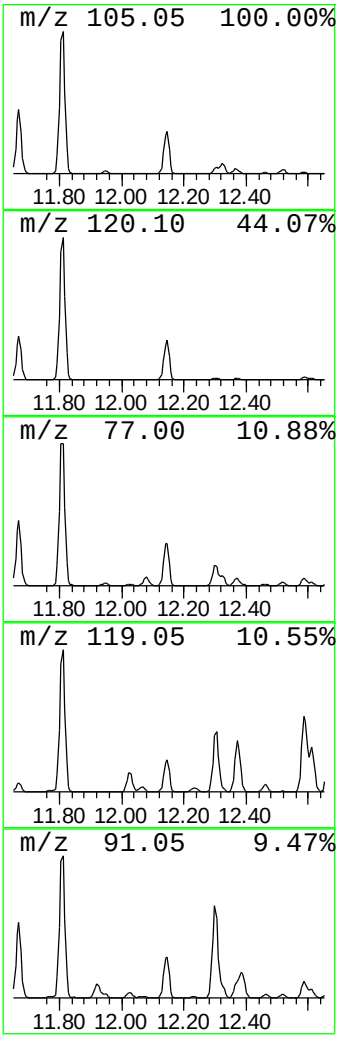
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	38.46 ug/l	870031	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-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	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

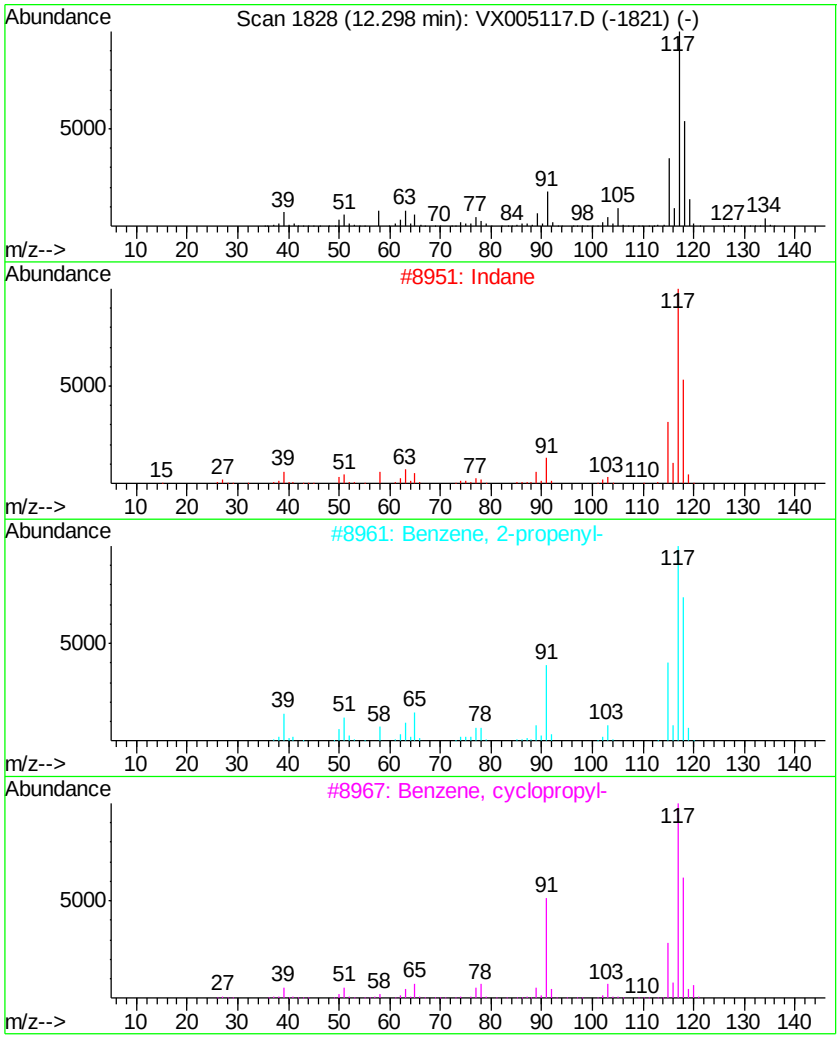
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

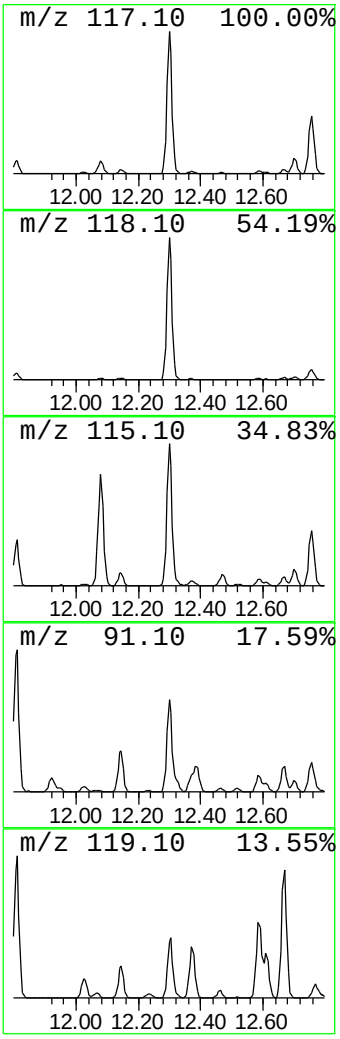
****

Peak Number 9 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	67.36 ug/l	1523870	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	68
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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

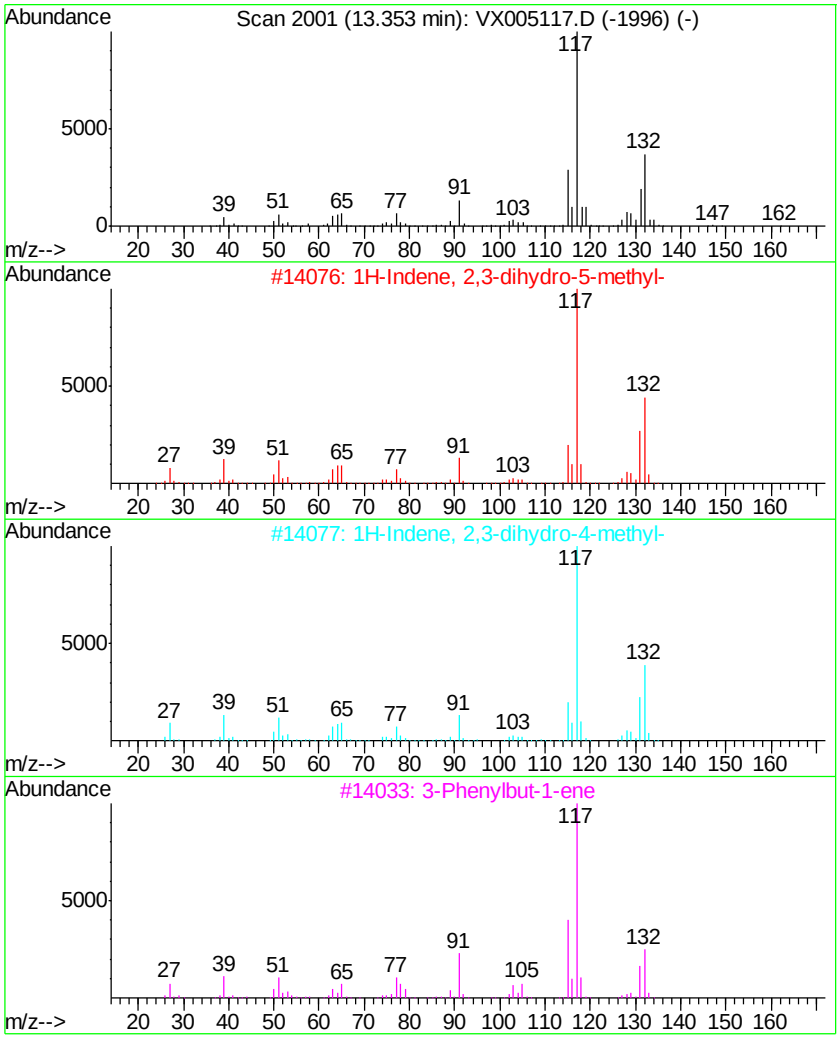
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

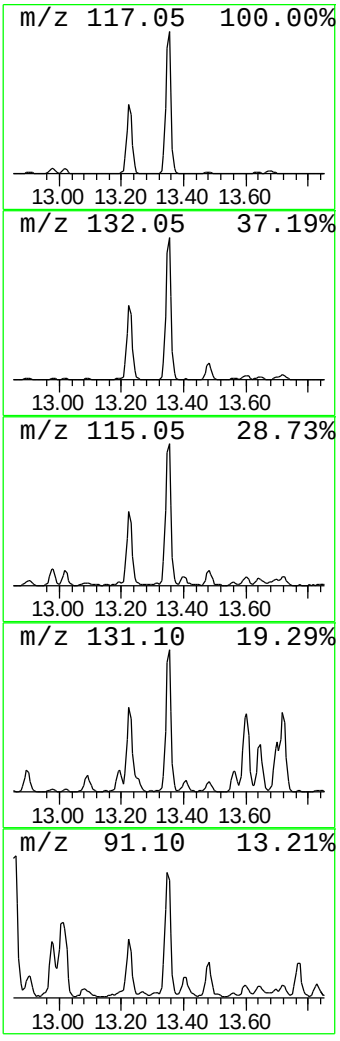
****

Peak Number 10 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	28.74 ug/l	650189	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
4	Indan, 1-methyl-	132	C10H12	000767-58-8	76
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
Data File : VX005117.D
Acq On : 08 Oct 2018 10:40
Operator : JC/MD
Sample : J5268-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-8

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, 2-methyl-	1.78	84.3	ug/l	1167600	1	5.67	692139	50.0
Pentane	2.00	35.9	ug/l	497421	1	5.67	692139	50.0
1-Pentene	2.93	38.6	ug/l	534437	1	5.67	692139	50.0
Pentane, 3-methyl-	3.17	26.6	ug/l	368924	1	5.67	692139	50.0
Cyclopentane, met...	4.40	72.1	ug/l	997864	1	5.67	692139	50.0
Benzene, 1-ethyl-...	11.67	54.1	ug/l	1224600	4	12.08	1131110	50.0
Benzene, 1,2,3-tr...	12.15	38.5	ug/l	870031	4	12.08	1131110	50.0
Indane	12.30	67.4	ug/l	1523870	4	12.08	1131110	50.0
1H-Indene, 2,3-di...	13.35	28.7	ug/l	650189	4	12.08	1131110	50.0