LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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	94	rBV	1074817	1442191	11.39%	3.416%
2	1.788	192	197	207	rVB	135975	190803	1.51%	0.452%
3	1.995	227	231	242	rVB	97696	143525	1.13%	0.340%
4	2.885	373	377	381	rVV	106827	224594	1.77%	0.532%
5	2.928	381	384	396	rVB	81334	152983	1.21%	0.362%
6	3.166	415	423	437	rVB	140994	322693	2.55%	0.764%
7	4.397	616	625	638	rVB	122322	359449	2.84%	0.851%
8	5.507	793	807	813	rBV	210583	623975	4.93%	1.478%
9	5.574	813	818	825	rVB	110162	276440	2.18%	0.655%
10	5.665	825	833	839	rBV	282639	731313	5.78%	1.732%
11	5.928	862	876	889	rBV5	62768	216063	1.71%	0.512%
12	6.068	889	899	917	rVV	226856	588694	4.65%	1.394%
13	6.257	918	930	936	rVV2	47052	153097	1.21%	0.363%
14	6.348	936	945	955	rVV	256514	780268	6.16%	1.848%
15	6.860	1019	1029	1046	rBV	468470	1120303	8.85%	2.654%
16	7.464	1116	1128	1139	rBV	266954	632178	4.99%	1.497%
17	8.055	1214	1225	1235	rVB	270885	559650	4.42%	1.326%
18	8.177	1235	1245	1253	rBV	453167	878451	6.94%	2.081%
19	8.714	1328	1333	1344	rVB	1171876	1899650	15.01%	4.500%
20	9.043	1381	1387	1394	rVB	96655	158577	1.25%	0.376%
21	10.116	1557	1563	1569	rBV	1042809	1352607	10.68%	3.204%
22	10.256	1579	1586	1594	rBV	2511169	3340256	26.38%	7.912%
23	10.360	1595	1603	1610	rBV	9586558	12659718	100.00%	29.986%
24	10.701	1654	1659	1671	rVB	2399299	3002677	23.72%	7.112%
25	11.018	1707	1711	1717	rBV	195008	243598	1.92%	0.577%
26	11.140	1725	1731	1736	rBV	1048924	1302199	10.29%	3.084%
27	11.360	1762	1767	1772	rBV	155395	200466	1.58%	0.475%
28	11.439	1775	1780	1781	rVV	208304	269878	2.13%	0.639%
29	11.457	1781	1783	1787	rVV	244809	258601	2.04%	0.613%
30	11.506	1787	1791	1798	rVB	247975	305316	2.41%	0.723%
31	11.670	1813	1818	1826	rBV	342651	434493	3.43%	1.029%
32	11.811	1836	1841	1846	rBV	1135919	1394341	11.01%	3.303%
33	11.945	1861	1863	1872	rVB	113925	149579	1.18%	0.354%
34	12.079	1880	1885	1891	rVV	1343139	1643942	12.99%	3.894%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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	12.146	1891	1896	1904	rVB	146495	179336	1.42%	0.425%
36	12.298	1916	1921	1929	rVV2	470239	671850	5.31%	1.591%
37	12.372	1929	1933	1943	rVB3	152497	232698	1.84%	0.551%
38	12.609	1970	1972	1977	rVV	142812	172382	1.36%	0.408%
39	12.670	1978	1982	1985	rVB	125118	139999	1.11%	0.332%
40	12.762	1993	1997	2004	rBV4	54753	132712	1.05%	0.314%
41	12.981	2026	2033	2036	rVV	143259	204081	1.61%	0.483%
42	13.018	2036	2039	2046	rVB	140657	176035	1.39%	0.417%
43	13.347	2089	2093	2098	rBV2	203933	315019	2.49%	0.746%
44	13.835	2166	2173	2181	rBV	1039669	1365080	10.78%	3.233%
45	14.286	2241	2247	2252	rVB2	88696	172714	1.36%	0.409%
46	14.542	2284	2289	2297	rBV2	101462	153349	1.21%	0.363%
47	15.554	2450	2455	2468	rVB	70860	139899	1.11%	0.331%
48	15.688	2472	2477	2481	rVV	80906	150451	1.19%	0.356%

Sum of corrected areas: 42218173

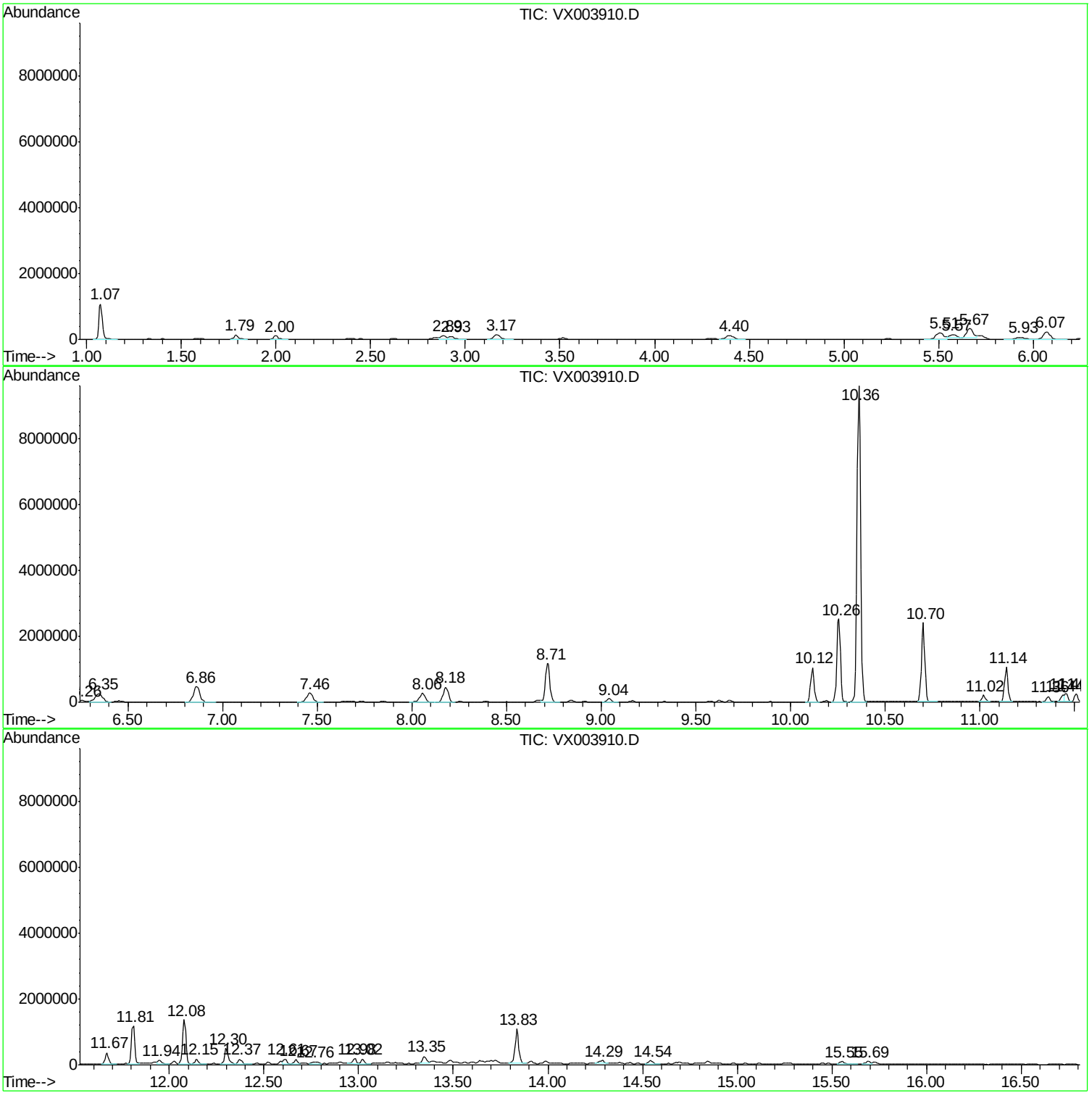
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

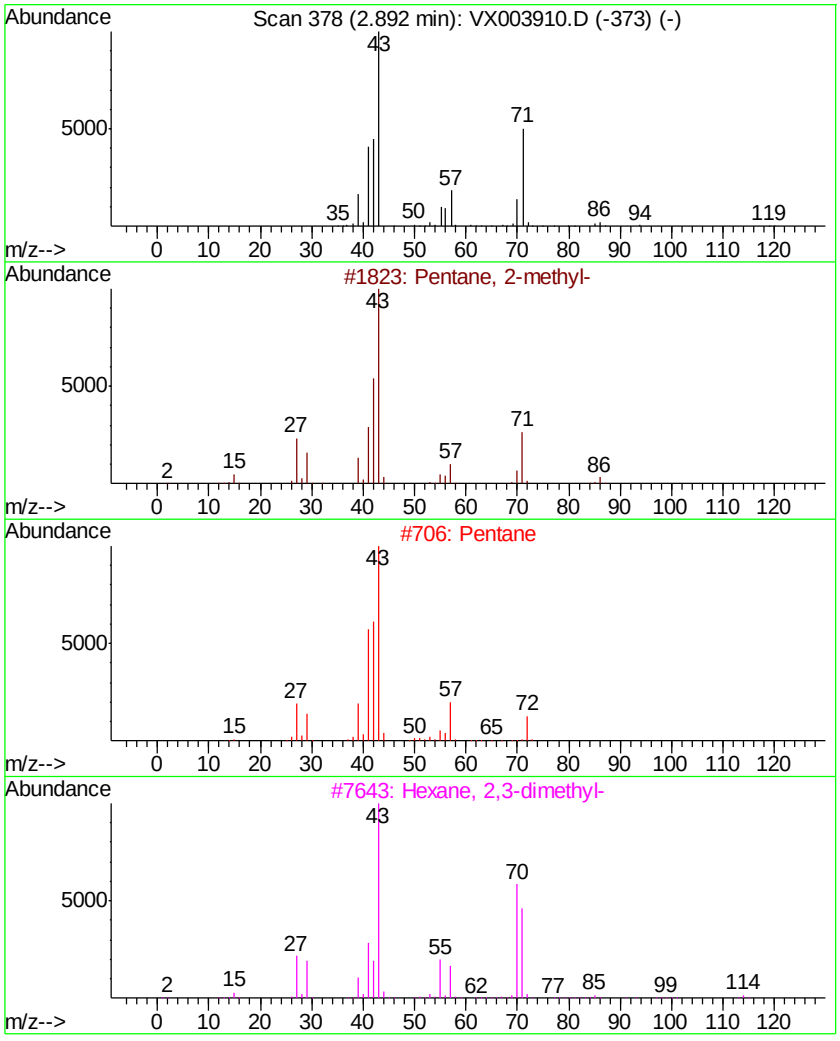
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

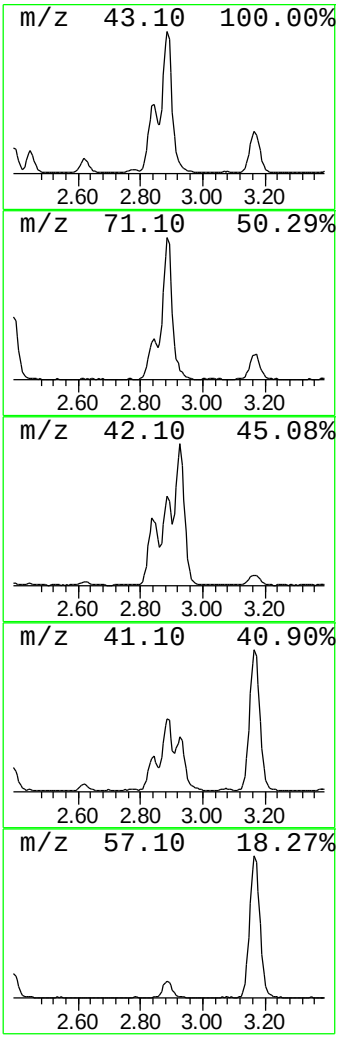
****

Peak Number 2 Pentane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	15.36 ug/l	224594	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
2	Pentane	72	C5H12	000109-66-0	43
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40
4	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	38
5	Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

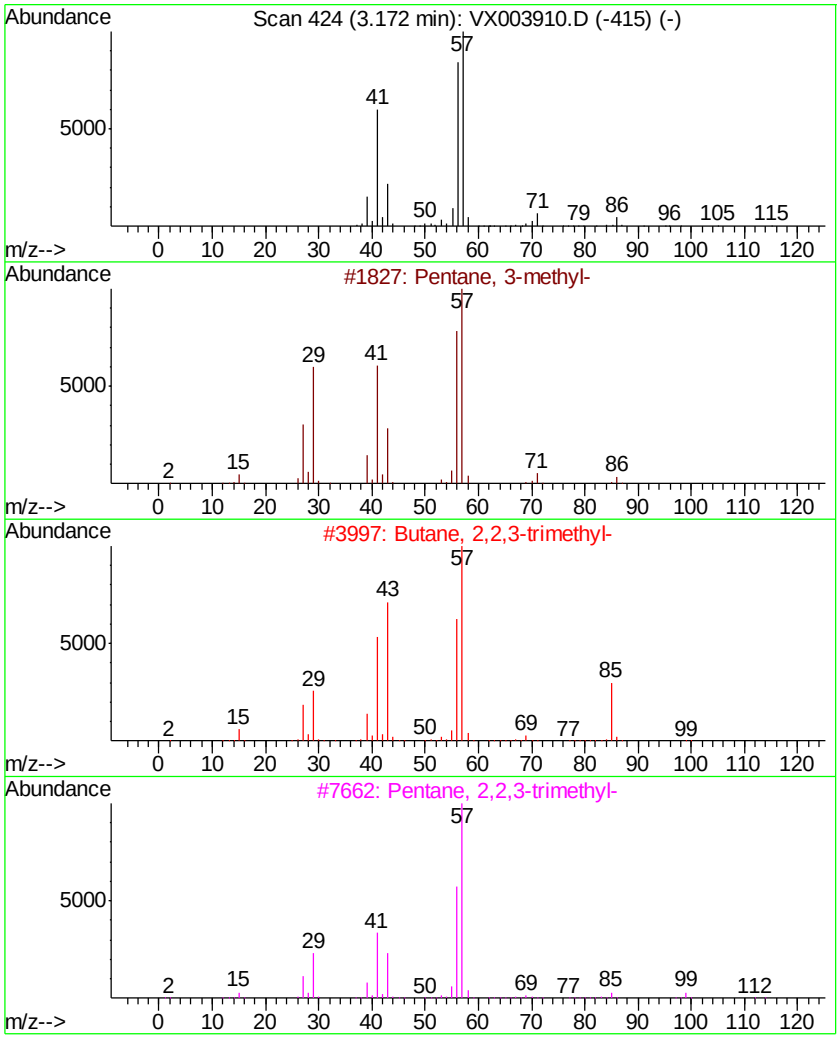
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

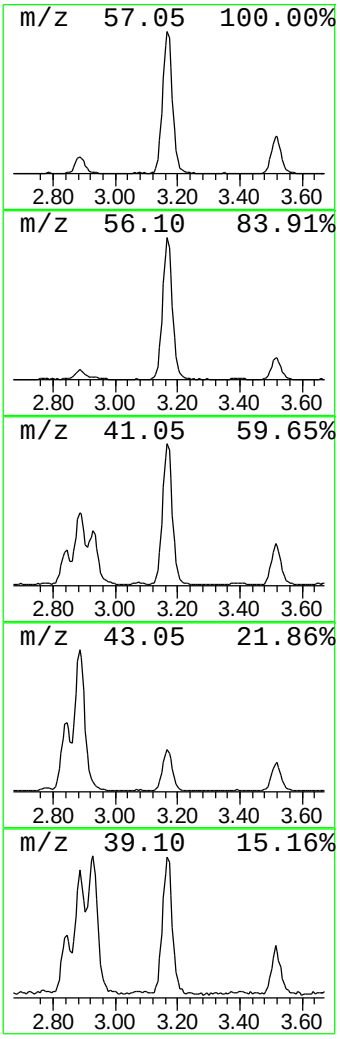
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	22.06 ug/l	322693	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	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	72
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	n-Hexane	86	C6H14	000110-54-3	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

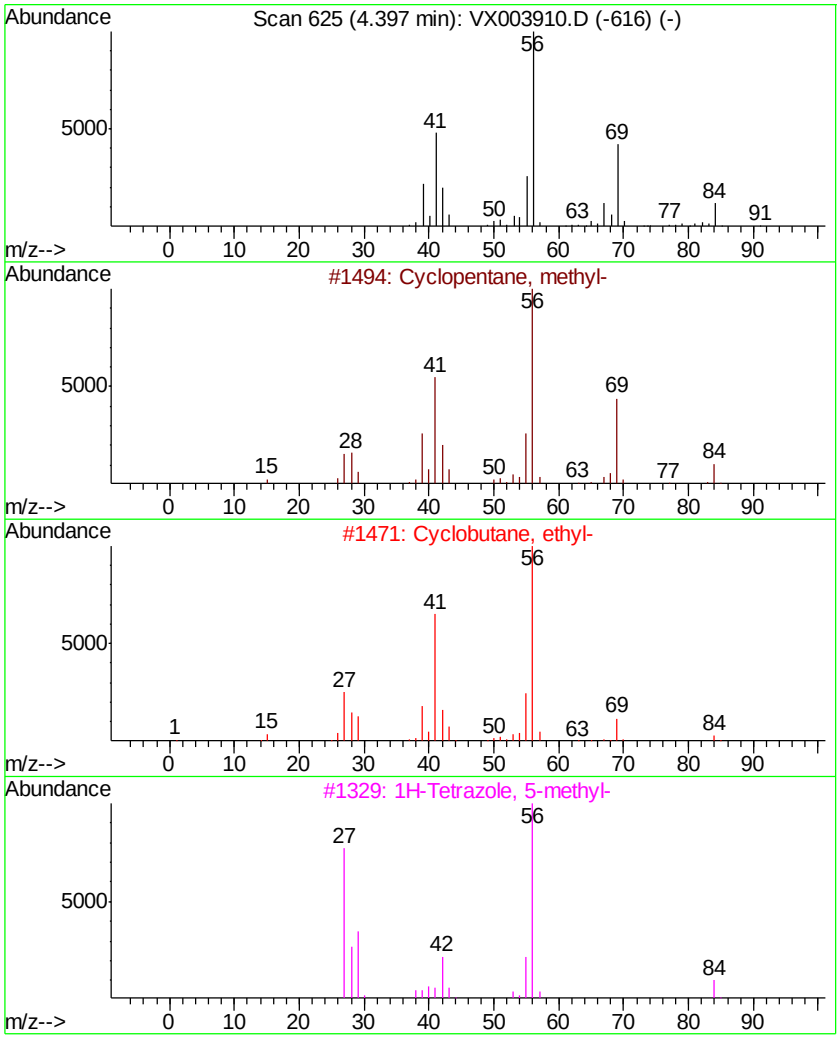
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

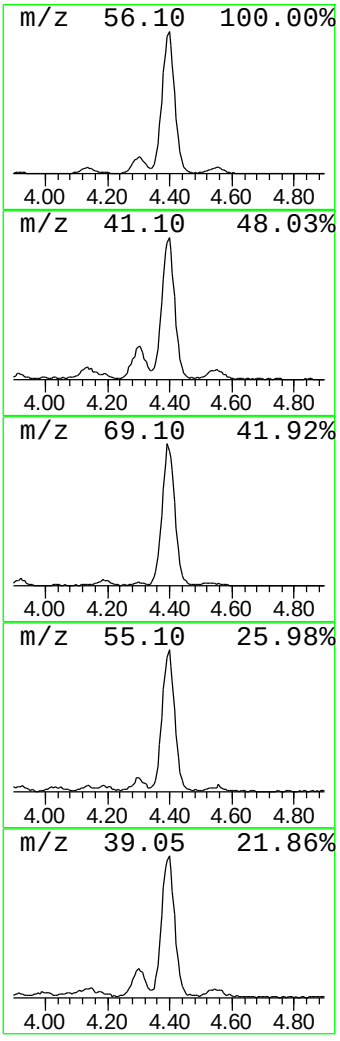
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	24.58 ug/l	359449	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	53
5	Cyclobutane, butyl-	112	C8H16	013152-44-8	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

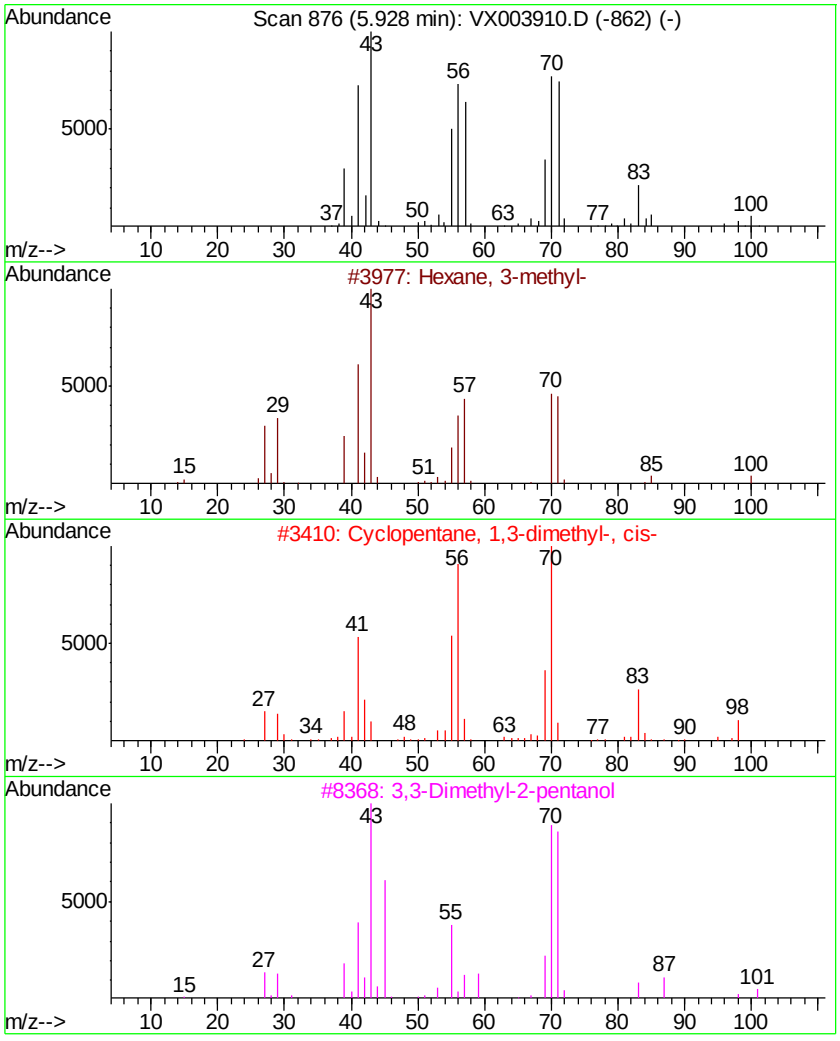
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

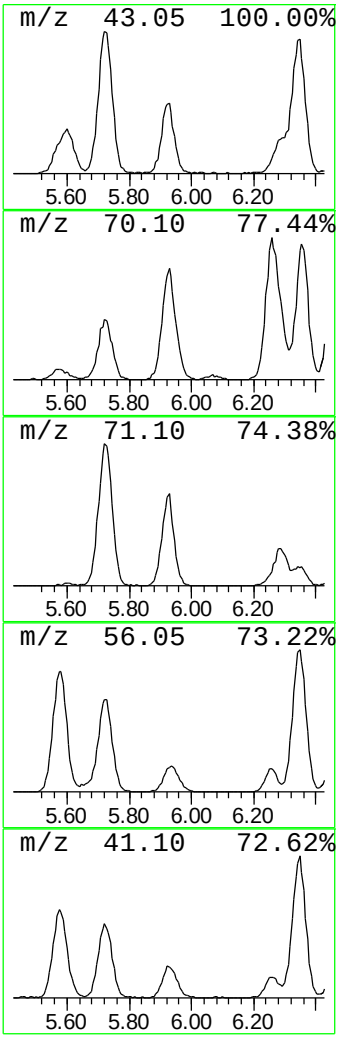
****

Peak Number 5 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	14.77 ug/l	216063	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	50
3	3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	47
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	47
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

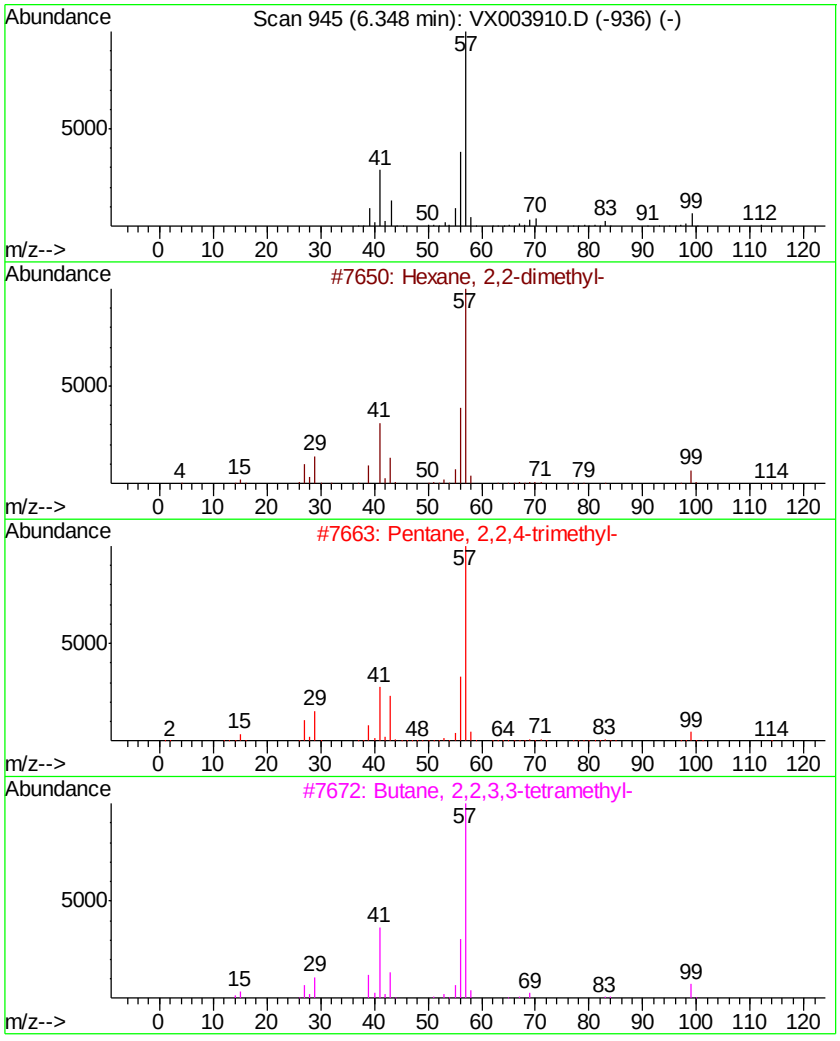
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

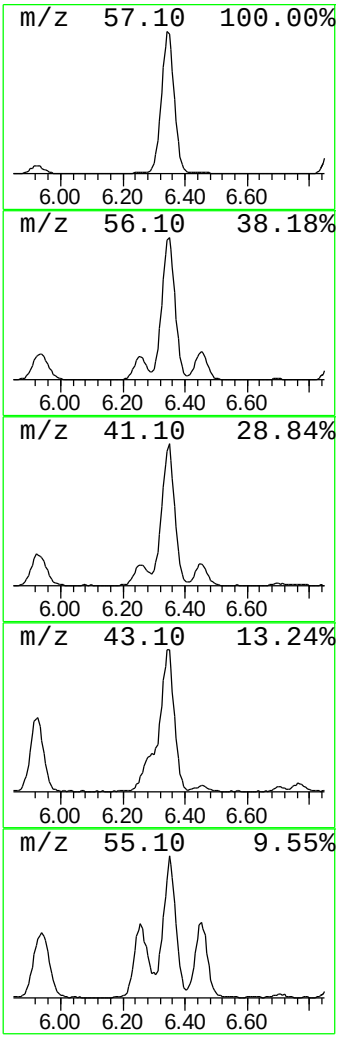
****

Peak Number 6 Hexane, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	34.82 ug/l	780268	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	50
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

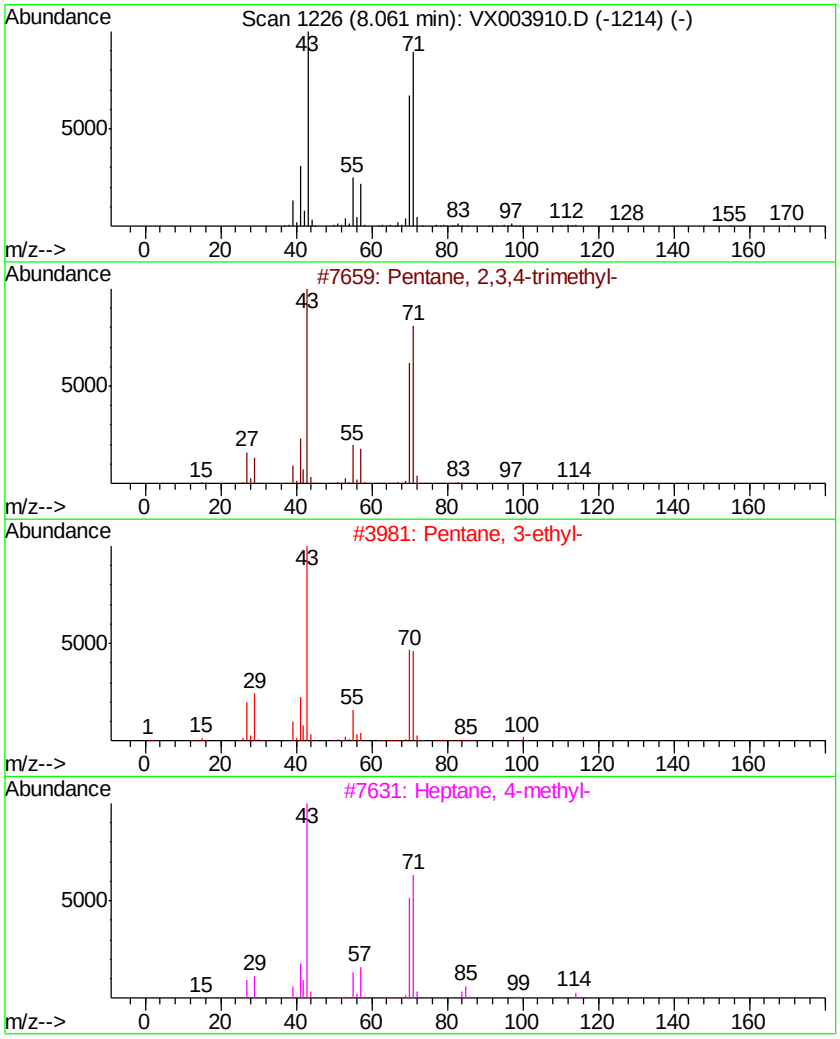
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

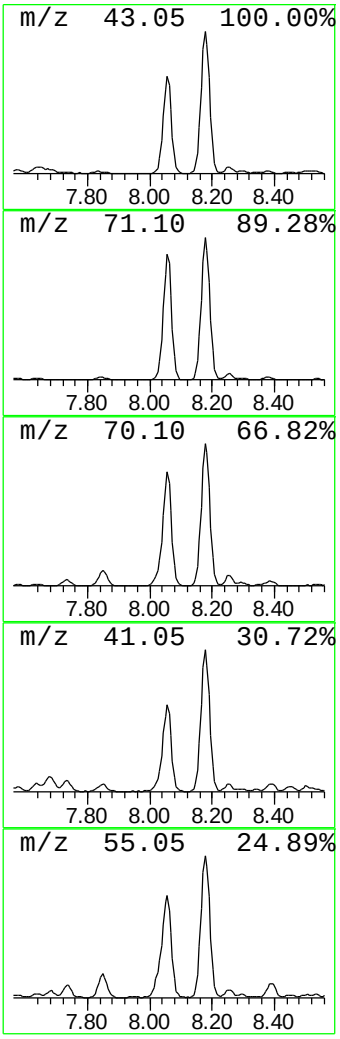
****

Peak Number 7 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	24.98 ug/l	559650	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Hexanoic acid, 1,1-dimethylpropy...	186	C11H22O2	116423-69-9	83
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	78





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Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

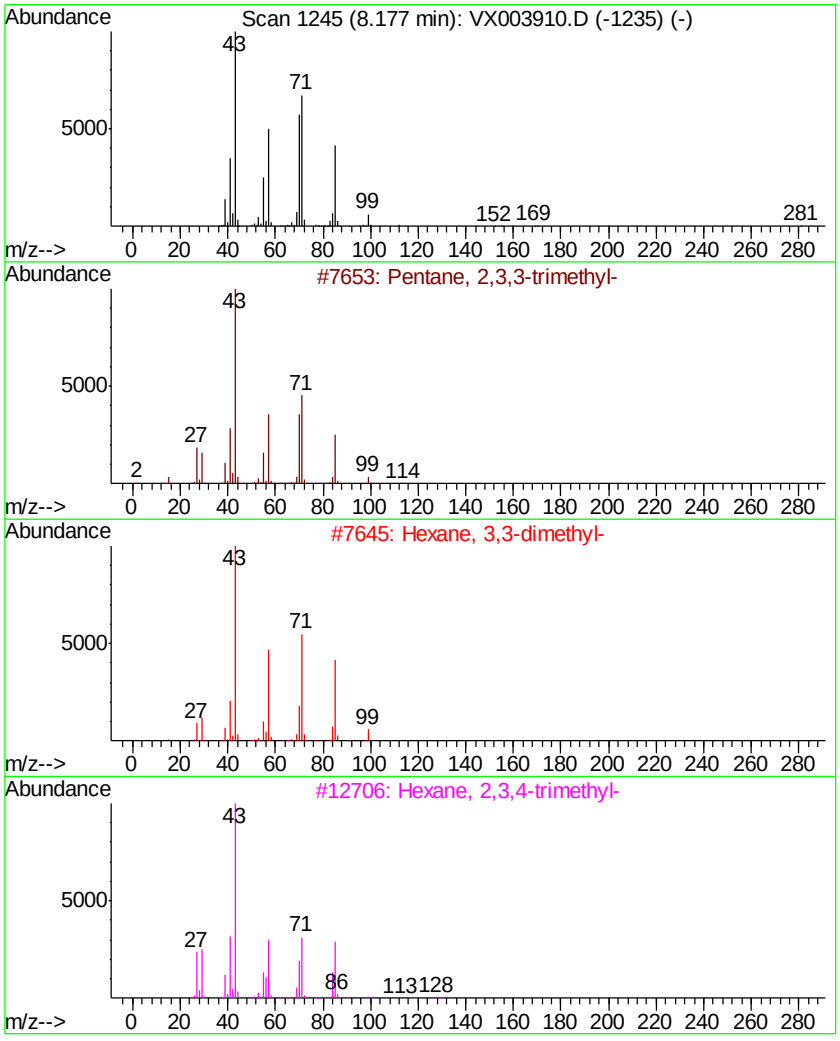
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

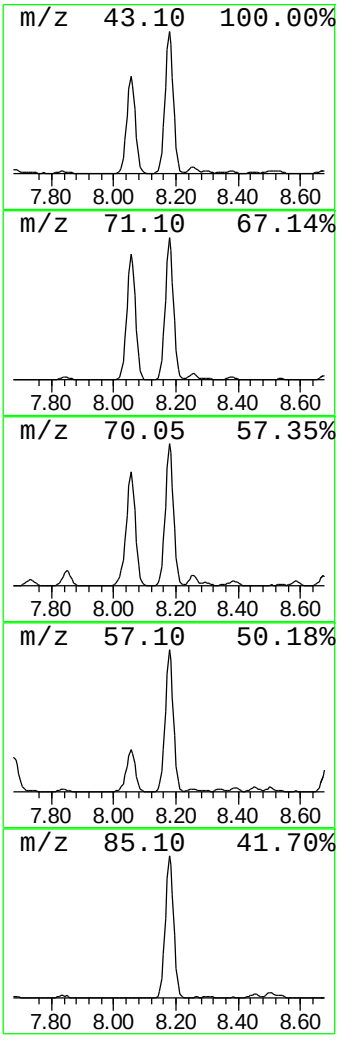
****

Peak Number 8 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	39.21 ug/l	878451	1,4-Difluorobenzene	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	53
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

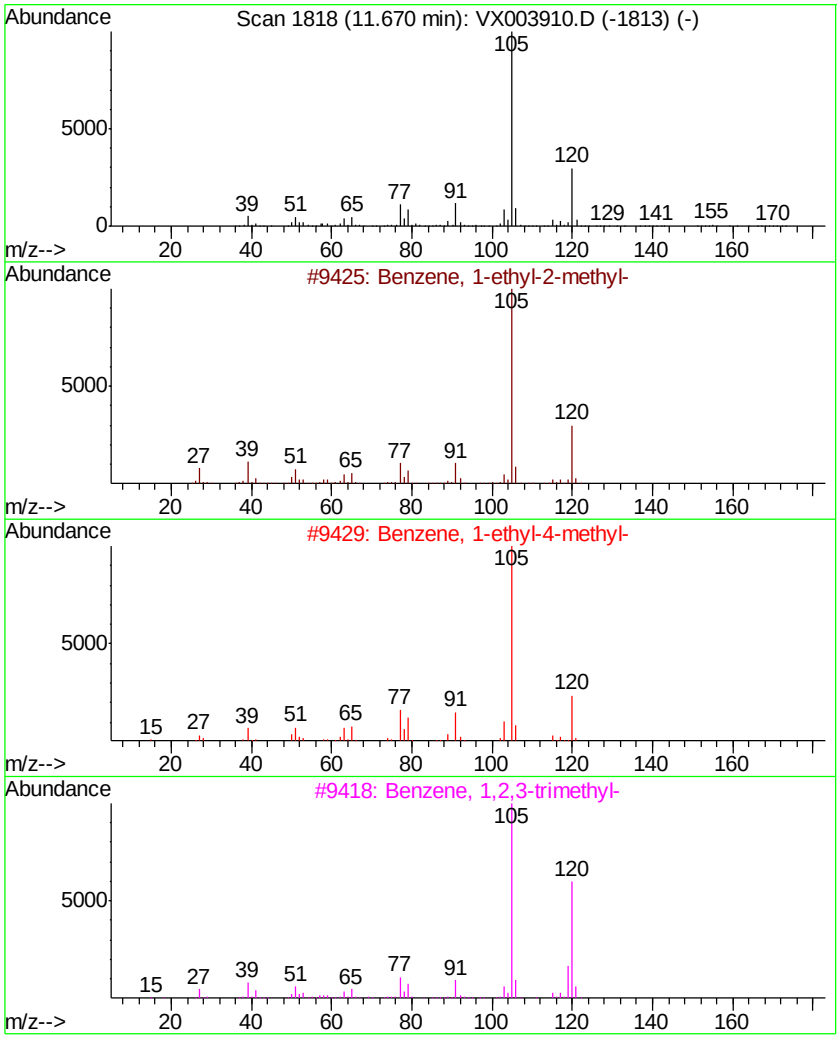
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

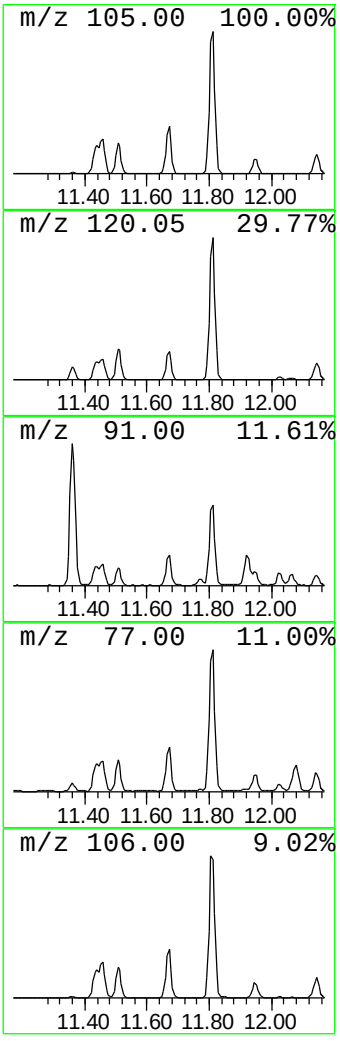
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	13.22 ug/l	434493	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-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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

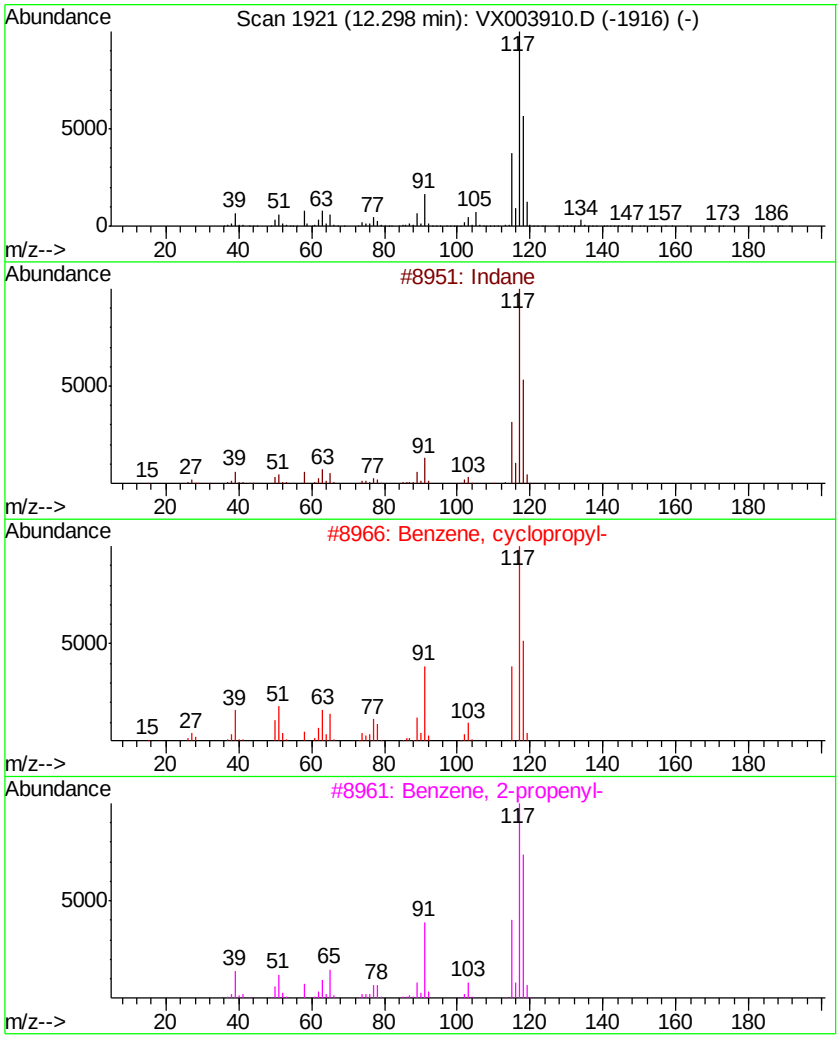
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

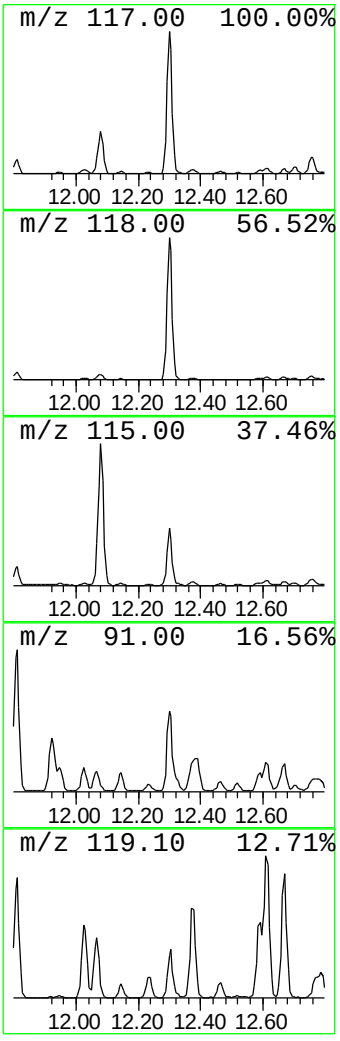
****

Peak Number 10 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	20.43 ug/l	671850	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, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080718\
Data File : VX003910.D
Acq On : 08 Aug 2018 05:51
Operator : JC/MD
Sample : J4344-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0534

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-methyl-	2.89	15.4	ug/l	224594	1	5.67	731313	50.0
Pentane, 3-methyl-	3.17	22.1	ug/l	322693	1	5.67	731313	50.0
Cyclopentane, met...	4.40	24.6	ug/l	359449	1	5.67	731313	50.0
Hexane, 3-methyl-	5.93	14.8	ug/l	216063	1	5.67	731313	50.0
Hexane, 2,2-dimet...	6.35	34.8	ug/l	780268	2	6.87	1120300	50.0
Pentane, 2,3,4-tr...	8.06	25.0	ug/l	559650	2	6.87	1120300	50.0
Pentane, 2,3,3-tr...	8.18	39.2	ug/l	878451	2	6.87	1120300	50.0
Benzene, 1-ethyl-...	11.67	13.2	ug/l	434493	4	12.08	1643940	50.0
Indane	12.30	20.4	ug/l	671850	4	12.08	1643940	50.0