LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
Data File : VU027181.D
Acq On : 26 Sep 2018 16:37
Operator : MD/SY
Sample : J5049-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-41-SEP18

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_U\METHOD\82U092218W.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	1.402	62	71	86	rBV	1106034	1167129	100.00%	16.328%
2	1.472	87	93	103	rBV	67759	74776	6.41%	1.046%
3	2.283	339	345	350	rBV	12914	17106	1.47%	0.239%
4	2.324	350	358	367	rVV	75454	115956	9.94%	1.622%
5	2.379	367	375	387	rVV	106473	169713	14.54%	2.374%
6	2.447	387	396	412	rVB	57258	98852	8.47%	1.383%
7	2.987	554	564	577	rVB	11632	20927	1.79%	0.293%
8	4.228	925	950	993	rBV2	309541	1019374	87.34%	14.261%
9	4.575	1048	1058	1073	rBV4	5453	12509	1.07%	0.175%
10	4.887	1139	1155	1170	rBV2	97756	215972	18.50%	3.021%
11	4.987	1171	1186	1210	rVB	131404	288066	24.68%	4.030%
12	5.311	1273	1287	1307	rBV	123359	261460	22.40%	3.658%
13	5.890	1451	1467	1485	rBV	201584	395390	33.88%	5.531%
14	6.189	1543	1560	1577	rBV	278855	540729	46.33%	7.565%
15	6.424	1620	1633	1658	rBV2	33970	71903	6.16%	1.006%
16	6.536	1658	1668	1675	rVV4	7977	15777	1.35%	0.221%
17	6.581	1675	1682	1697	rVB	7896	15946	1.37%	0.223%
18	7.466	1943	1957	1968	rBV	16720	30224	2.59%	0.423%
19	7.569	1975	1989	2007	rBV	386255	680523	58.31%	9.520%
20	8.186	2162	2181	2183	rBV2	7764	12055	1.03%	0.169%
21	8.228	2183	2194	2227	rVB	215164	392899	33.66%	5.497%
22	8.369	2227	2238	2255	rBV	15598	28228	2.42%	0.395%
23	9.093	2451	2463	2484	rBV	288024	484959	41.55%	6.785%
24	9.922	2710	2721	2735	rBV	39941	64191	5.50%	0.898%
25	10.311	2830	2842	2862	rBV	257939	413081	35.39%	5.779%
26	11.157	3094	3105	3122	rBV3	22178	35470	3.04%	0.496%
27	11.260	3128	3137	3153	rBV4	9204	18553	1.59%	0.260%
28	11.485	3194	3207	3223	rBV	306703	486266	41.66%	6.803%

Sum of corrected areas: 7148034

LSC Report - Integrated Chromatogram

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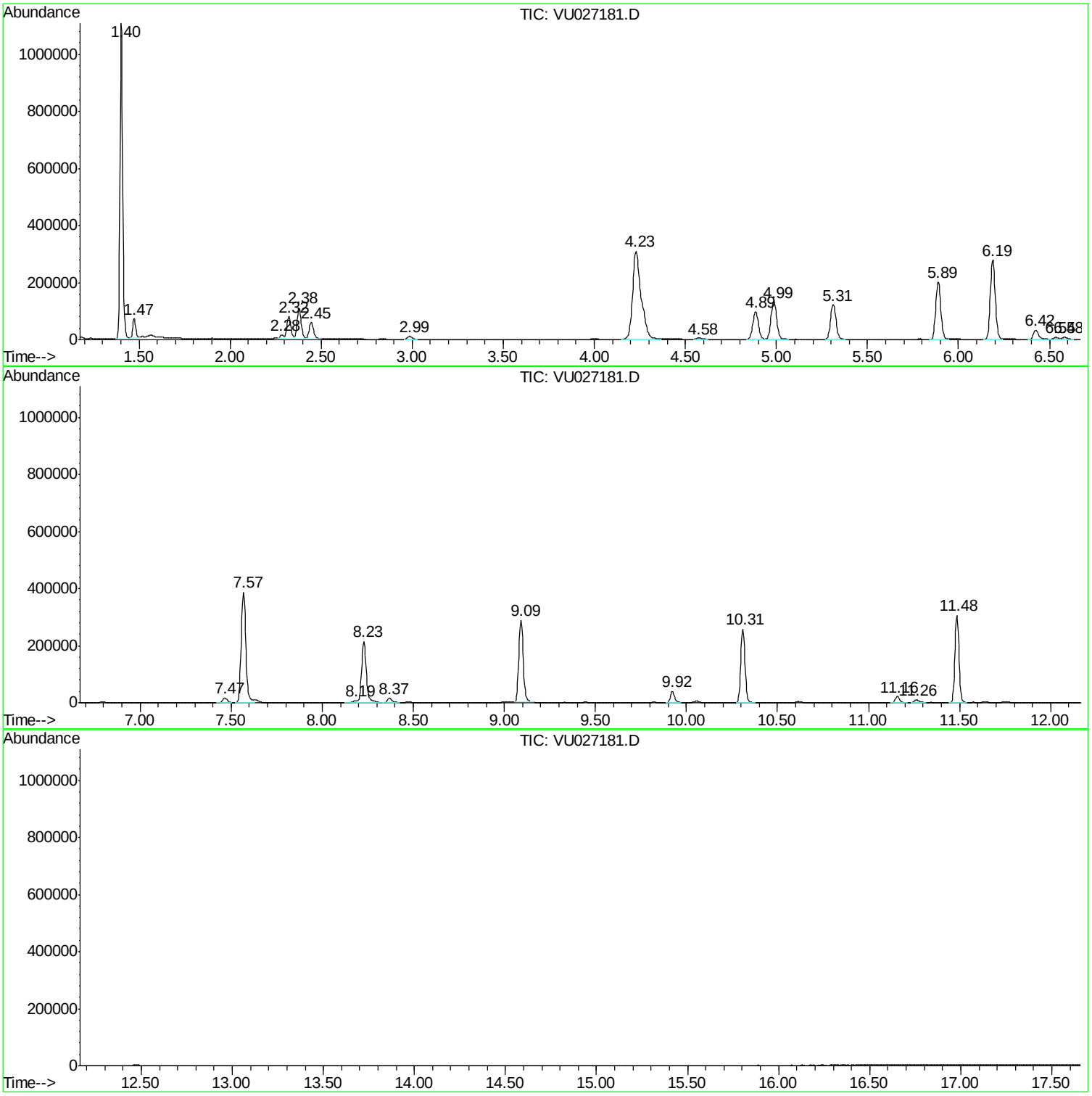
Instrument : MSVOA_U
ClientSampleId : MW-41-SEP18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

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

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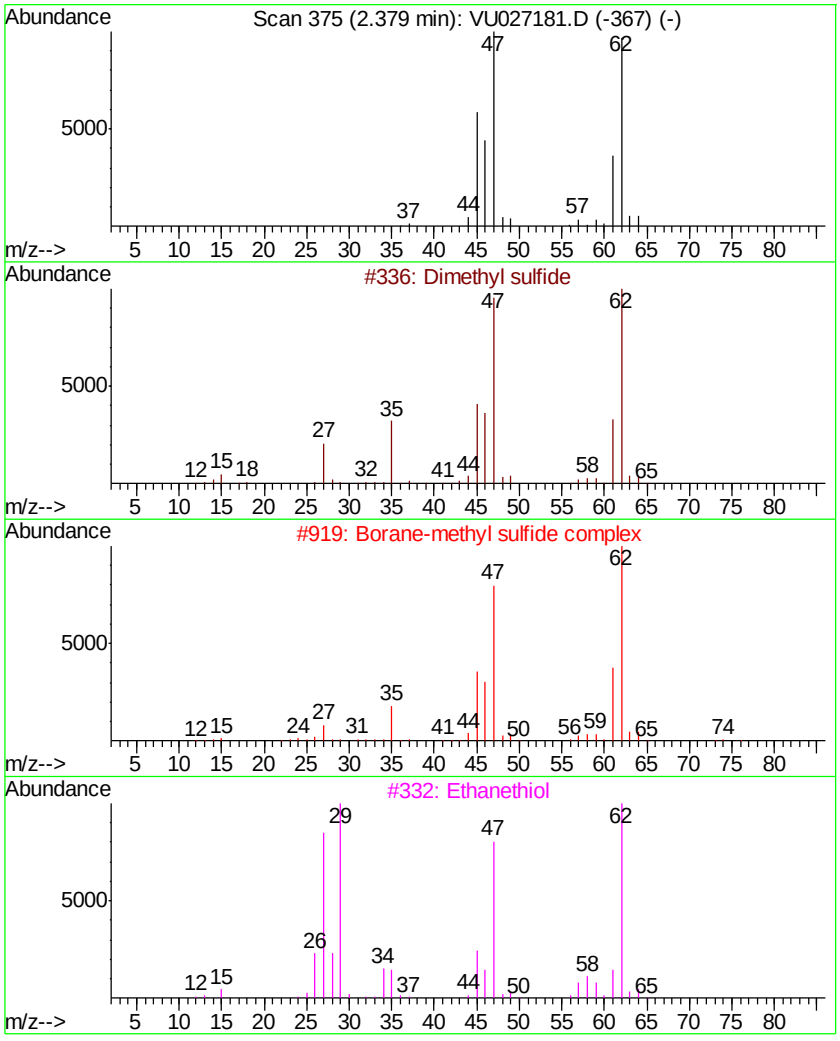
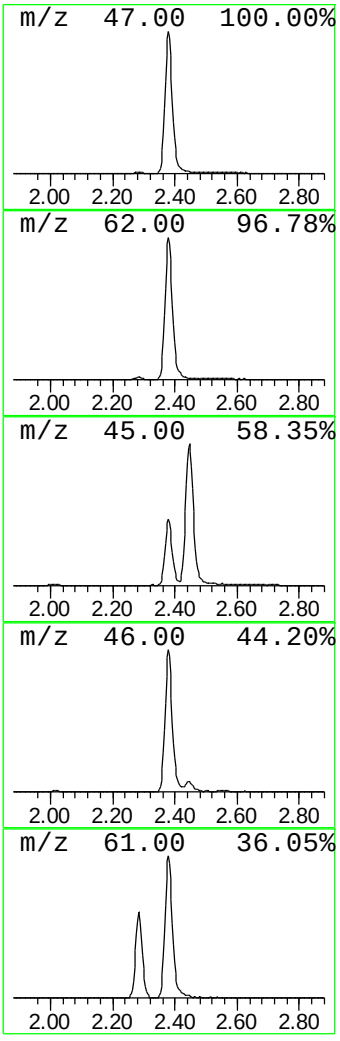
Peak Number 2 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.38	29.46 ug/l	169713	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83
3	Ethanethiol	62	C2H6S	000075-08-1	72
4	Ethene, chloro-	62	C2H3Cl	000075-01-4	7
5	Boric acid	62	BH3O3	010043-35-3	5





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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-41-SEP18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260

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

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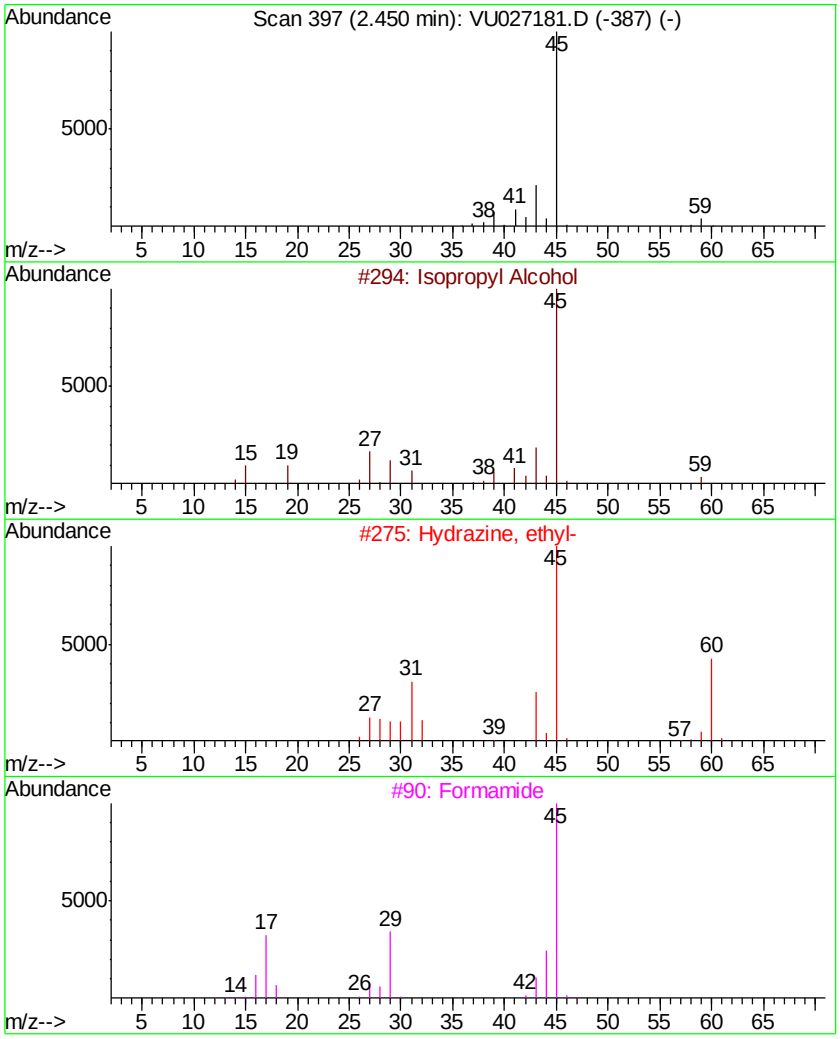
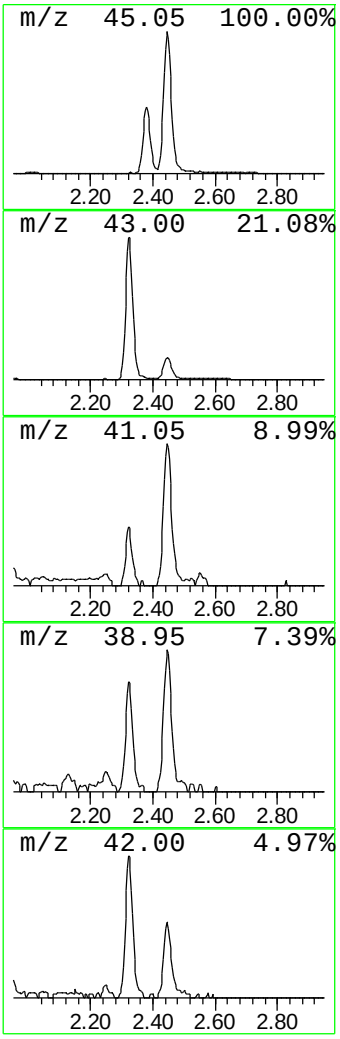
Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	17.16 ug/l	98852	Pentafluorobenzene	4.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
2	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	4
3	Formamide	45	CH3NO	000075-12-7	4
4	Methane, nitroso-	45	CH3NO	000865-40-7	3
5	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	2





Library Search Compound Report

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ClientSampleId : MW-41-SEP18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260

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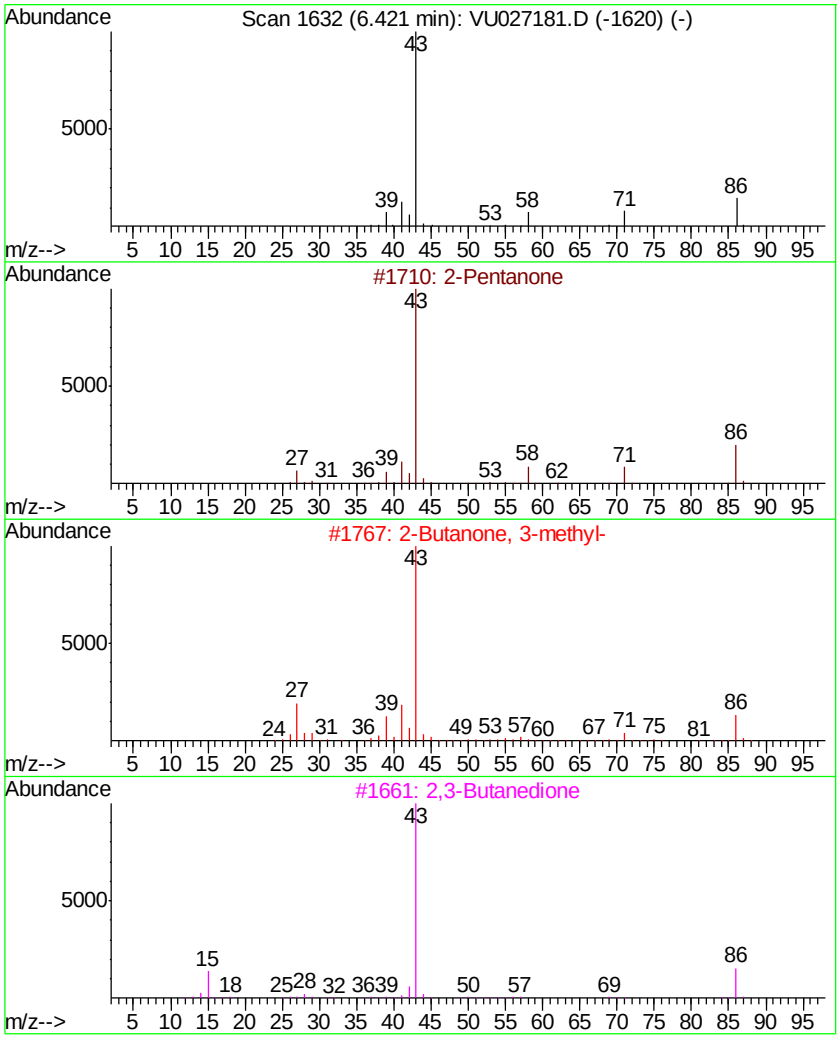
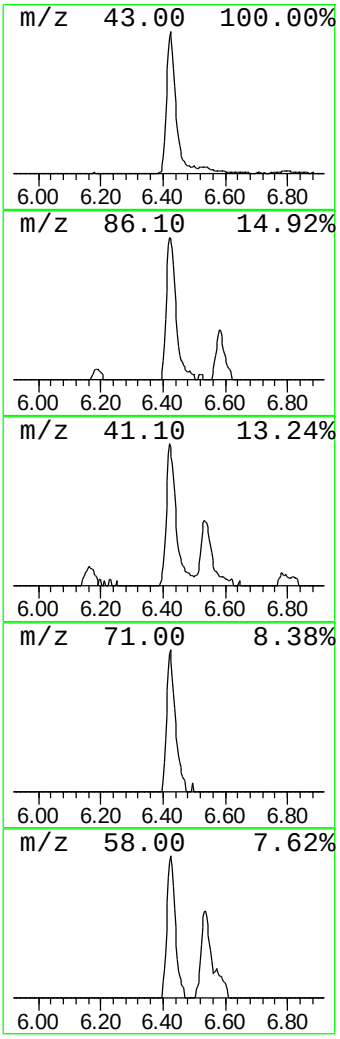
Peak Number 4 2-Pentanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	9.09 ug/l	71903	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	86
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
3	2,3-Butanedione	86	C4H6O2	000431-03-8	40
4	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	9
5	2-Propanone, methylhydrazone	86	C4H10N2	005771-02-8	9





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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MW-41-SEP18

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260

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

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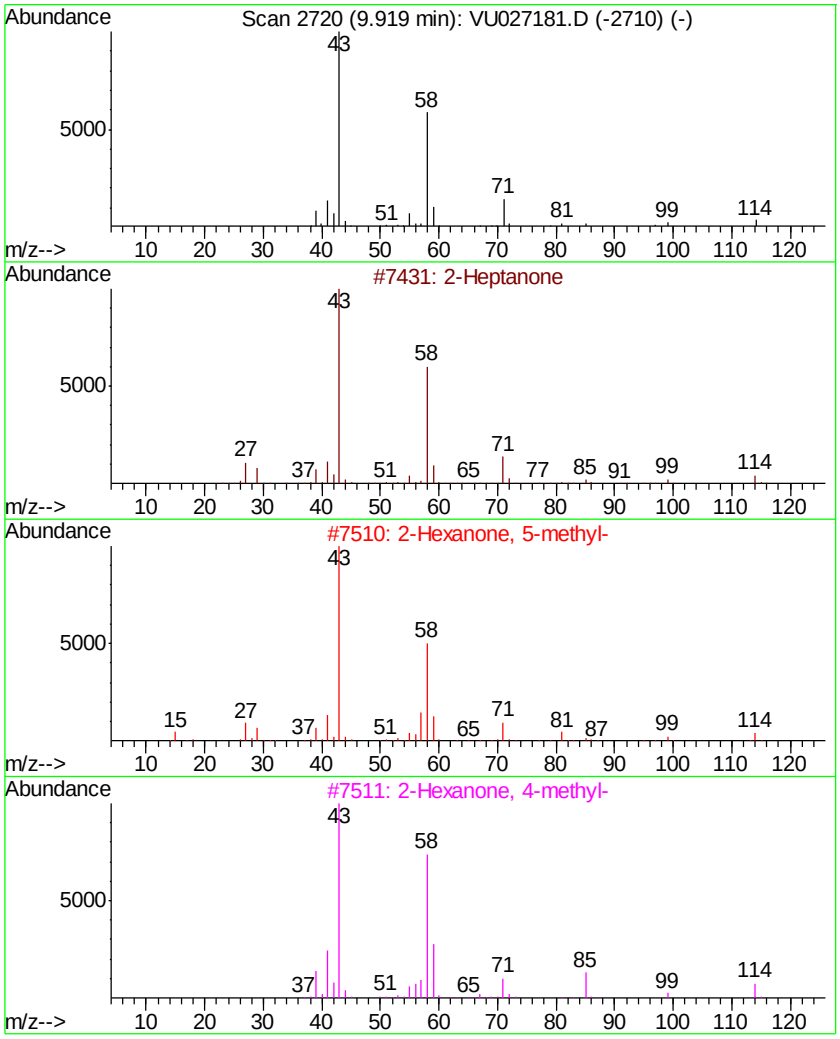
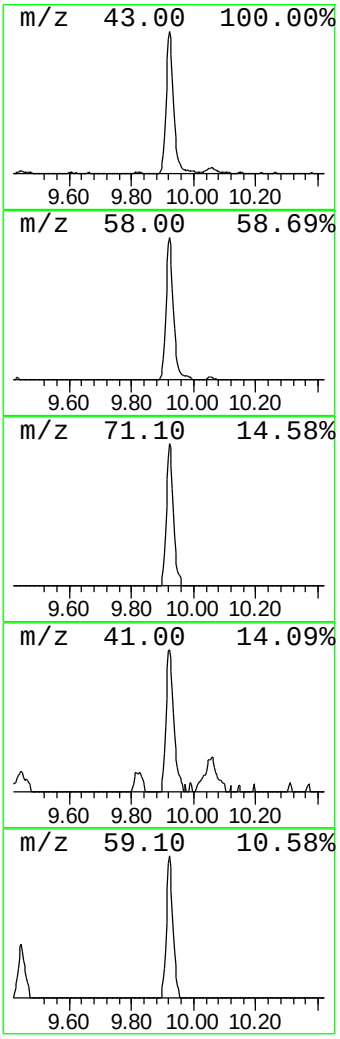
Peak Number 5 2-Heptanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.62 ug/l	64191	Chlorobenzene-d5	9.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	91
2	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	90
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	53
4	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	47
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	45





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl sulfide	2.38	29.5	ug/l	169713	1	4.99	288066	50.0
Isopropyl Alcohol	2.45	17.2	ug/l	98852	1	4.99	288066	50.0
2-Pentanone	6.42	9.1	ug/l	71903	2	5.89	395390	50.0
2-Heptanone	9.92	6.6	ug/l	64191	3	9.09	484959	50.0