

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025835.D
 Acq On : 03 Aug 2018 21:54
 Operator : MD/SY
 Sample : J4340-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F75

Quant Time: Aug 04 00:57:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	312804	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	292527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80560	45.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.22%
7) Chloroethane-d5	1.68	69	68675	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.24%
11) 1,1-Dichloroethene-d2	2.27	63	129793	34.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.82%
21) 2-Butanone-d5	4.18	46	142083	103.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.06%
24) Chloroform-d	4.65	84	183400	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
26) 1,2-Dichloroethane-d4	5.31	65	126277	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
32) Benzene-d6	5.35	84	352541	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.34	67	115483	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.54%
41) Toluene-d8	7.57	98	317345	44.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.22%
43) trans-1,3-Dichloropropene-	7.85	79	55519	44.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.92%
47) 2-Hexanone-d5	8.31	63	102222	100.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.99%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153434	45.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	123403	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%

Target Compounds

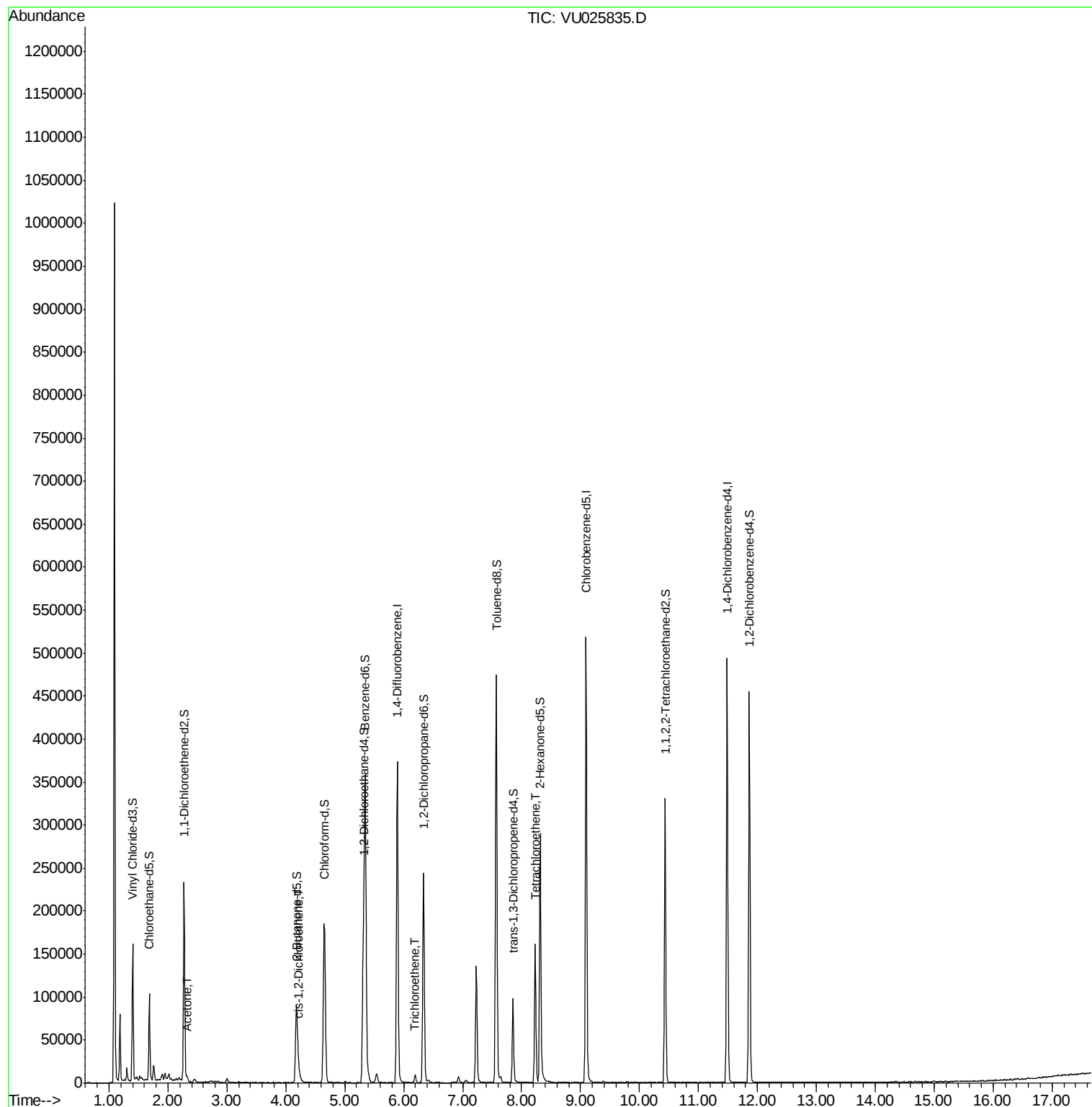
					Ovalue
13) Acetone	2.32	43	5758	3.56	ug/L 94
20) cis-1,2-Dichloroethene	4.23	96	2765	1.21	ug/L 95
34) Trichloroethene	6.19	95	3421	1.53	ug/L 81
46) Tetrachloroethene	8.23	164	36348	18.80	ug/L 98

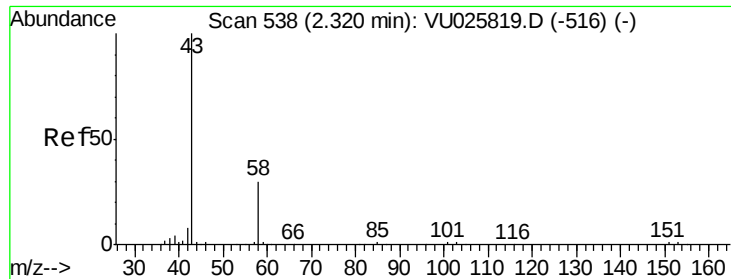
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.56 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025835.D

Acq: 03 Aug 2018 21:54

Instrument :

MSVOA_U

ClientSampleId :

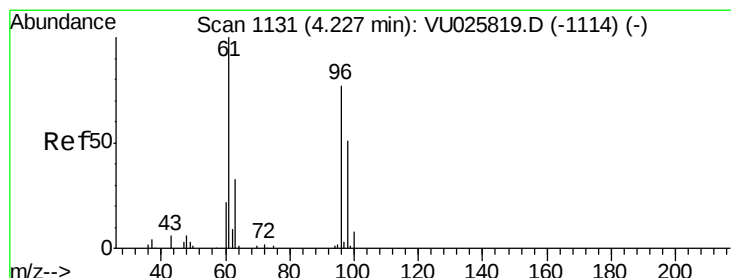
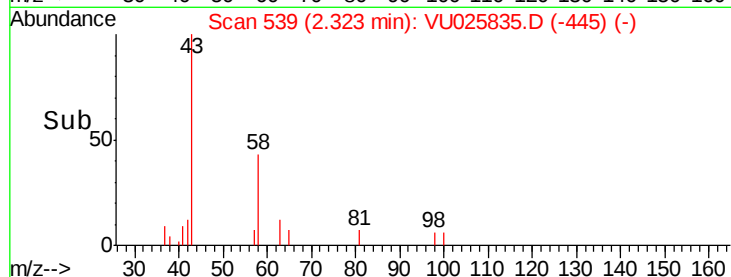
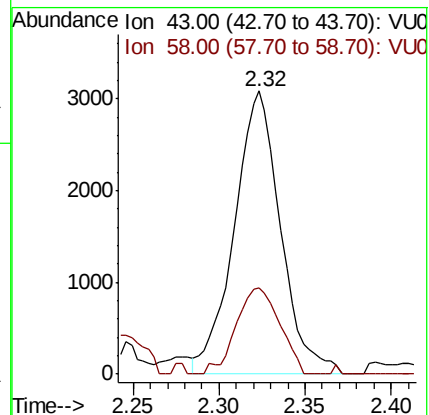
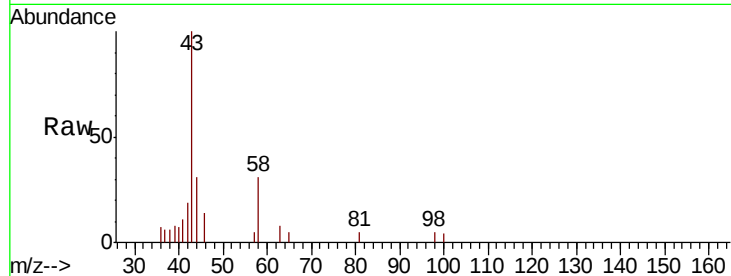
E5F75

Tot Ion: 43 Resp: 5758

Ion Ratio Lower Upper

43 100

58 27.6 0.0 61.2



#20

cis-1,2-Dichloroethene

Concen: 1.21 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU025835.D

Acq: 03 Aug 2018 21:54

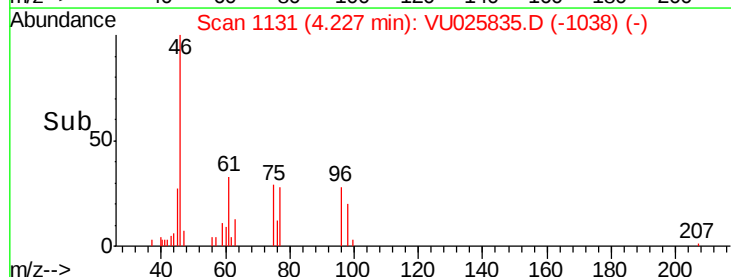
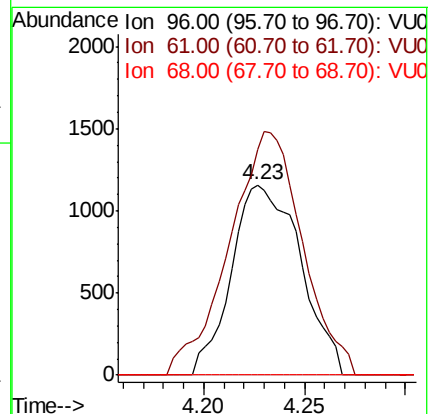
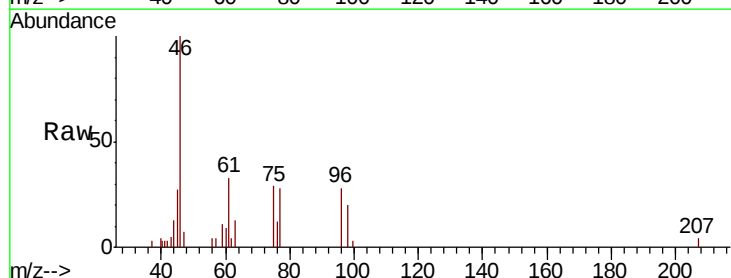
Tgt Ion: 96 Resp: 2765

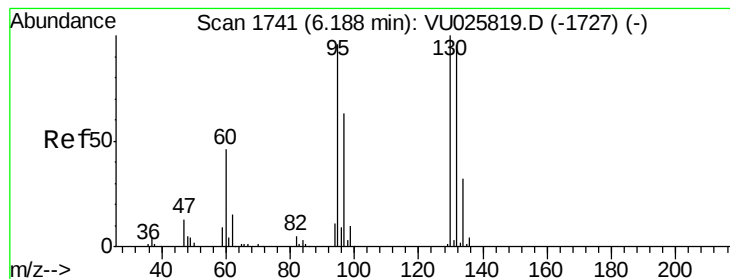
Ion Ratio Lower Upper

96 100

61 118.6 87.4 162.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.53 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025835.D

Acq: 03 Aug 2018 21:54

Instrument :

MSVOA_U

ClientSampleId :

E5F75

Tot Ion: 95 Resp: 3421

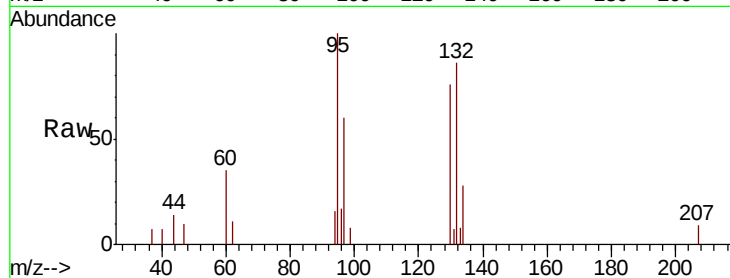
Ion Ratio Lower Upper

95 100

97 59.7 45.9 85.3

132 86.0 72.2 134.2

130 76.4 74.9 139.1

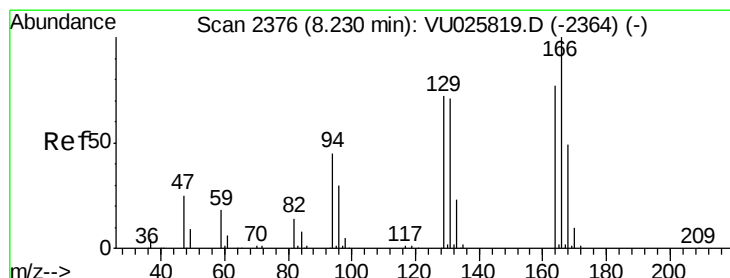
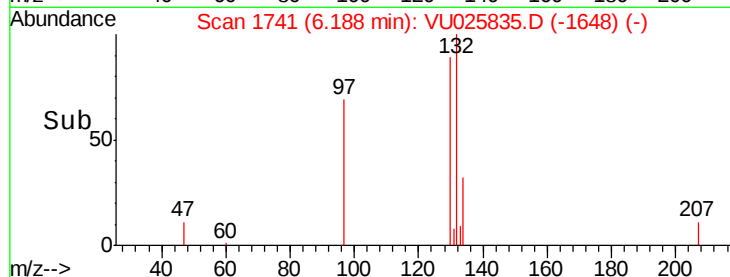
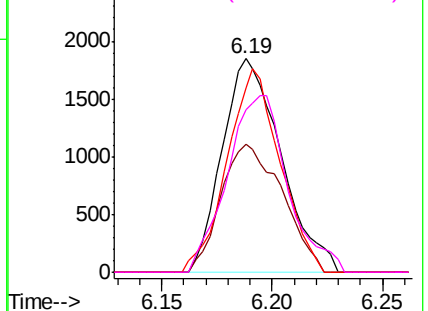


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 18.80 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025835.D

Acq: 03 Aug 2018 21:54

Tgt Ion:164 Resp: 36348

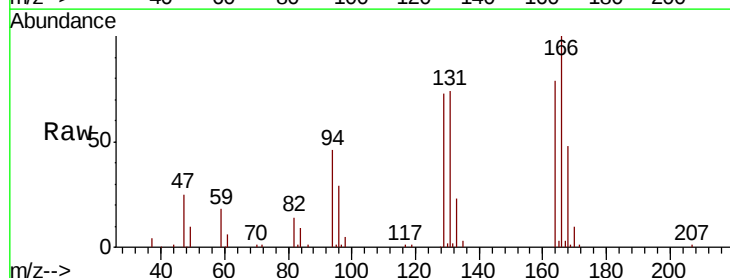
Ion Ratio Lower Upper

164 100

129 92.1 65.1 120.9

131 93.6 62.8 116.6

166 126.8 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

