

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102218\
 Data File : VU027735.D
 Acq On : 22 Oct 2018 12:12
 Operator : MD/SY
 Sample : J5589-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T22

Quant Time: Oct 23 08:16:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 23 08:01:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	100275	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	93496	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41437	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44047	56.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.92%
7) Chloroethane-d5	1.68	69	34304	57.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.22%
11) 1,1-Dichloroethene-d2	2.27	63	62534	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.00%
21) 2-Butanone-d5	4.18	46	76282	114.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.73%
24) Chloroform-d	4.65	84	77192	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.08%
26) 1,2-Dichloroethane-d4	5.31	65	56228	57.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.78%
32) Benzene-d6	5.34	84	154830	58.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.30%
36) 1,2-Dichloropropane-d6	6.33	67	55629	58.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.04%
41) Toluene-d8	7.57	98	142458	58.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.00%
43) trans-1,3-Dichloropropene-	7.85	79	26237	56.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.66%
47) 2-Hexanone-d5	8.31	63	57129	117.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.44%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69699	56.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	50322	59.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.58%

Target Compounds

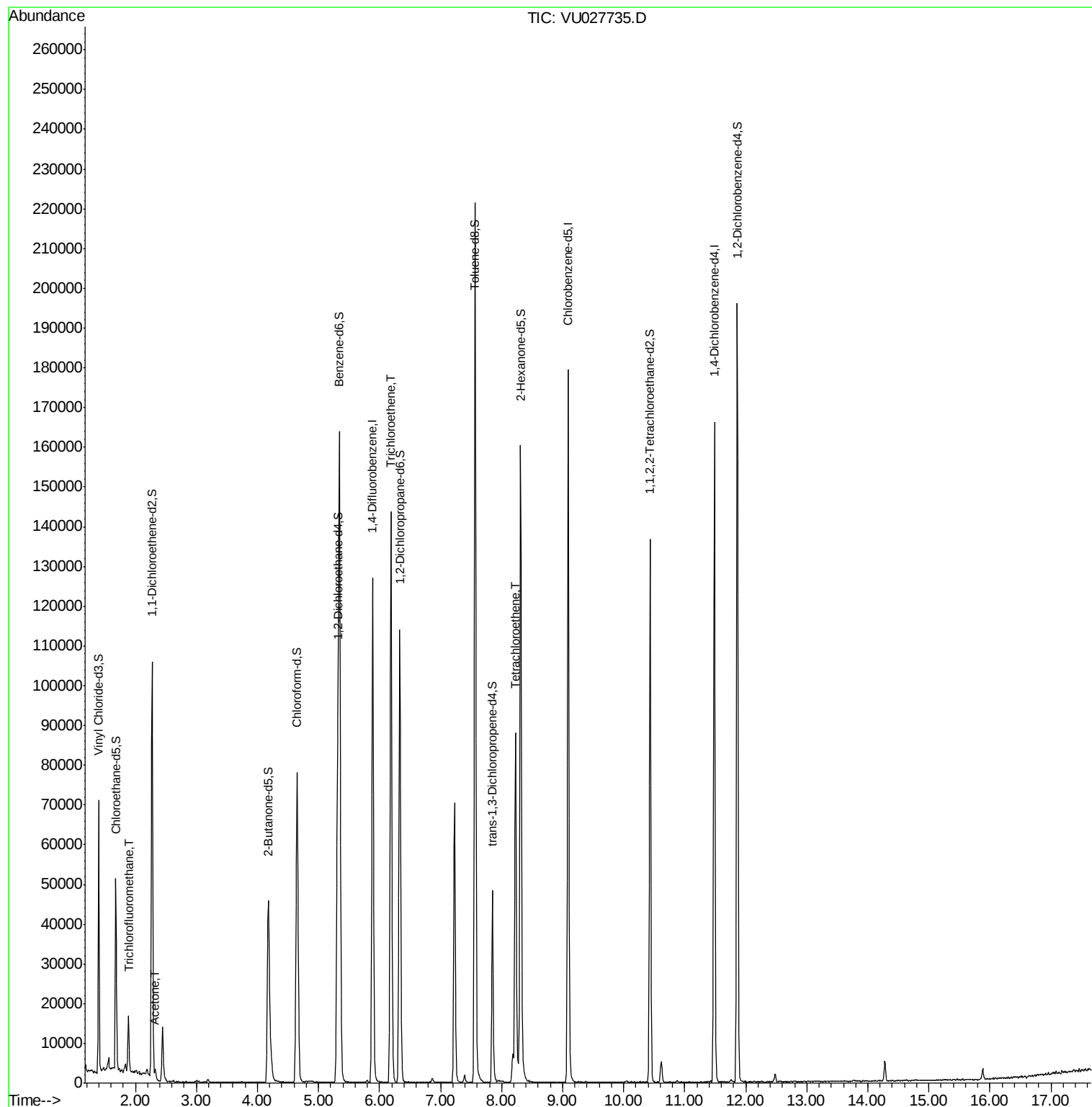
					Ovalue
9) Trichlorofluoromethane	1.89	101	7978	7.312 ug/L	99
13) Acetone	2.32	43	2430	5.247 ug/L	89
34) Trichloroethene	6.19	95	50716	72.835 ug/L	97
46) Tetrachloroethene	8.23	164	18837	35.030 ug/L	99

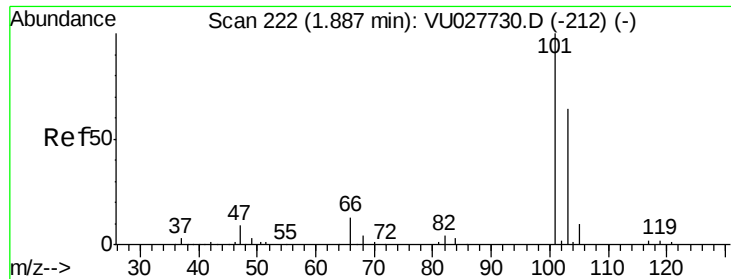
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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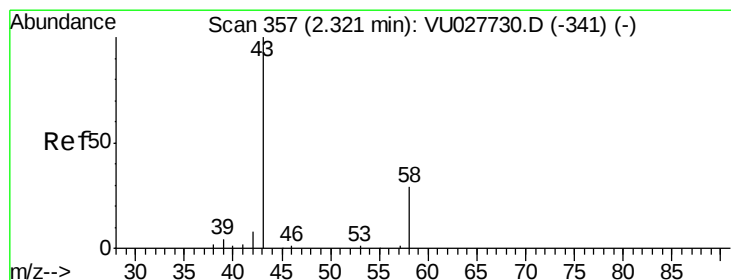
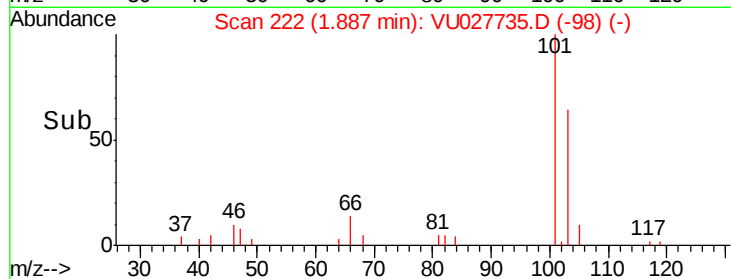
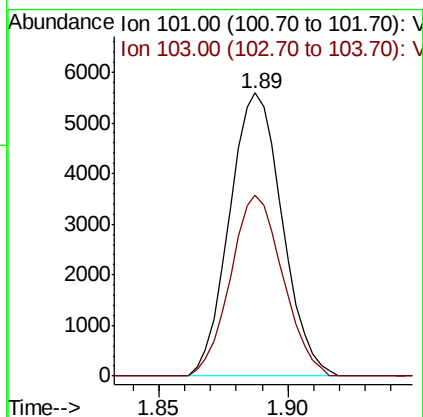
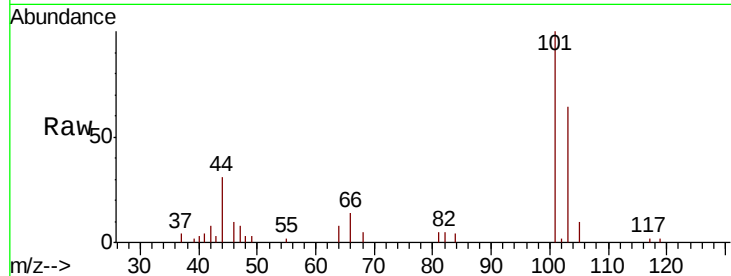


#9

Trichlorofluoromethane
 Concen: 7.312 ug/L
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU027735.D
 Acq: 22 Oct 2018 12:12

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T22

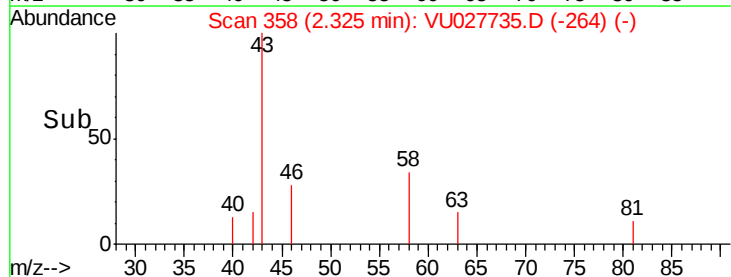
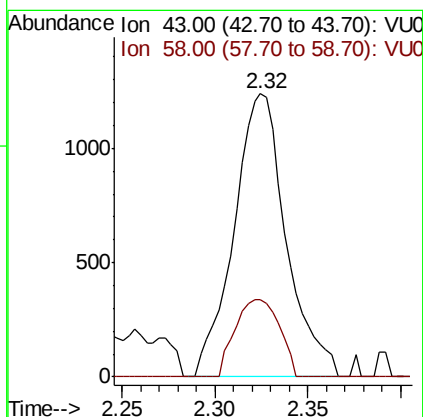
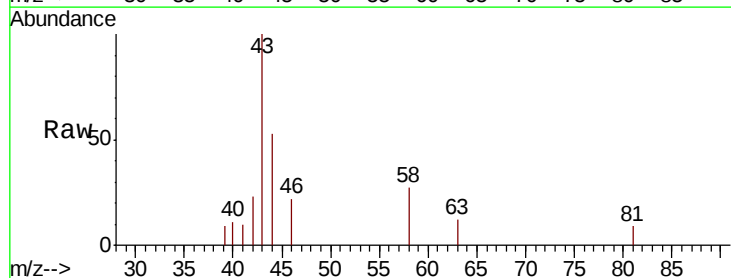
Tot Ion:101 Resp: 7978
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.0 76.4

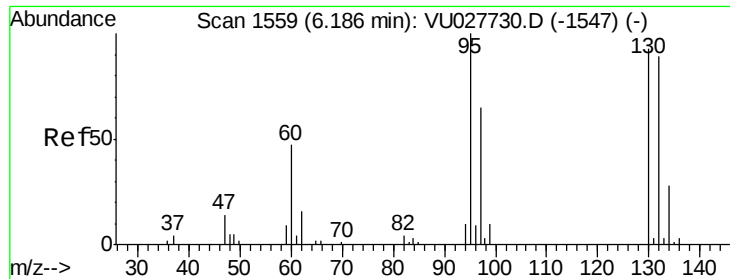


#13

Acetone
 Concen: 5.247 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027735.D
 Acq: 22 Oct 2018 12:12

Tgt Ion: 43 Resp: 2430
 Ion Ratio Lower Upper
 43 100
 58 23.0 0.0 57.4





#34

Trichloroethene

Concen: 72.835 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU027735.D

Acq: 22 Oct 2018 12:12

Instrument :

MSVOA_U

ClientSampleId :

C0T22

Tot Ion: 95 Resp: 50716

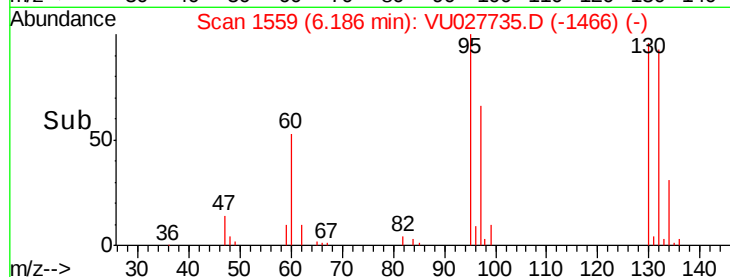
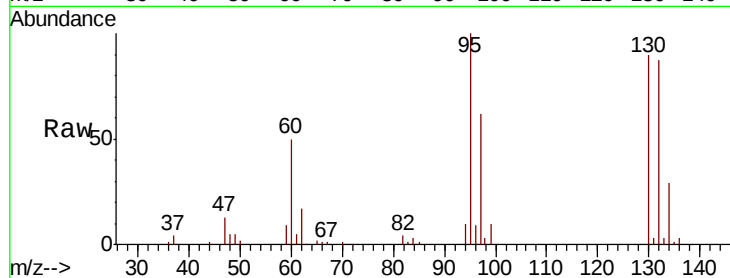
Ion Ratio Lower Upper

95 100

97 62.2 45.8 85.2

132 86.8 62.1 115.3

130 90.4 65.0 120.6



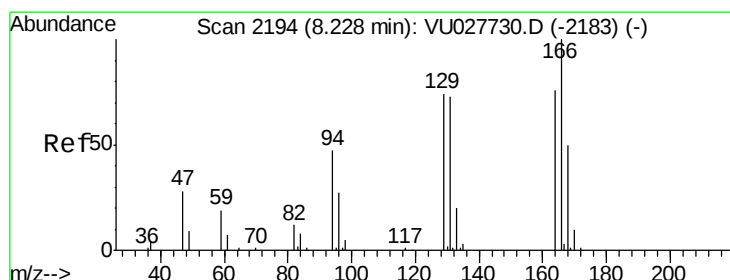
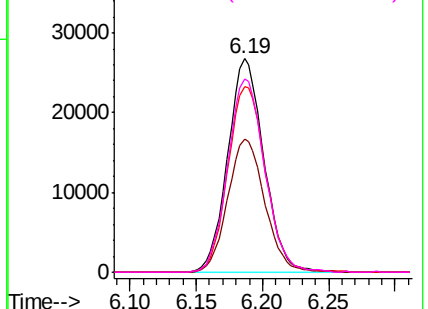
Abundance

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: 35.030 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027735.D

Acq: 22 Oct 2018 12:12

Tgt Ion:164 Resp: 18837

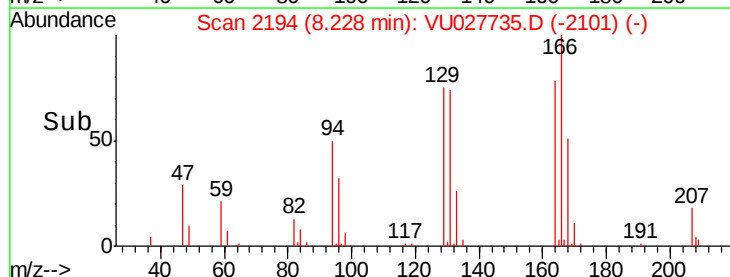
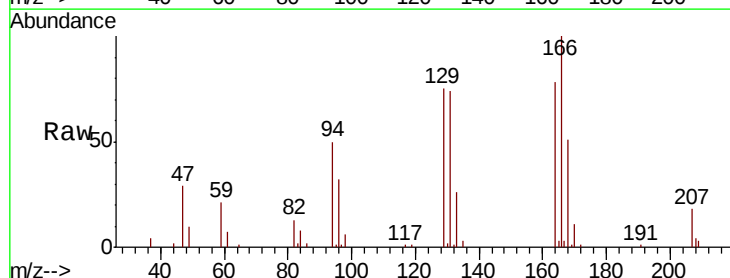
Ion Ratio Lower Upper

164 100

129 96.7 68.5 127.3

131 95.7 67.1 124.5

166 128.9 92.2 171.2



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

