

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091718\
 Data File : VU026835.D
 Acq On : 17 Sep 2018 20:55
 Operator : MD/SY
 Sample : J4890-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SZ3

Quant Time: Sep 18 02:00:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 18 01:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	245293	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	236961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95371	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85793	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.56%
7) Chloroethane-d5	1.68	69	76661	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.72%
11) 1,1-Dichloroethene-d2	2.27	63	124781	36.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.68%
21) 2-Butanone-d5	4.18	46	131581	109.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.27%
24) Chloroform-d	4.65	84	162922	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.31	65	106042	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
32) Benzene-d6	5.34	84	330976	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
36) 1,2-Dichloropropane-d6	6.33	67	109831	51.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.66%
41) Toluene-d8	7.57	98	281824	46.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.94%
43) trans-1,3-Dichloropropene-	7.85	79	45250	47.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.74%
47) 2-Hexanone-d5	8.31	63	92262	109.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	145732	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	108334	54.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

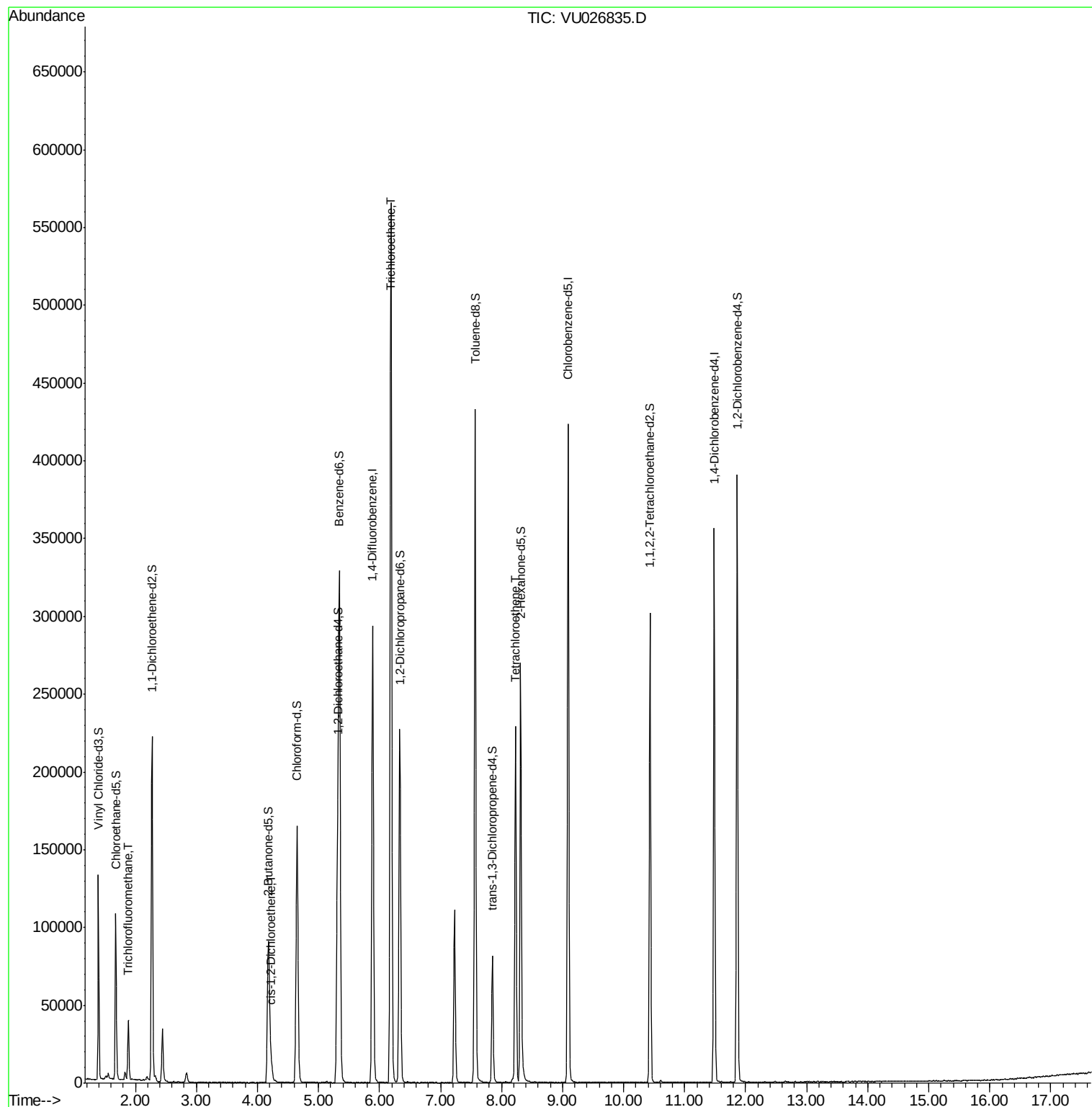
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	21927	7.67	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	3905	2.03	ug/L	95
34) Trichloroethene	6.19	95	190676	108.16	ug/L	99
46) Tetrachloroethene	8.23	164	53763	34.40	ug/L	99

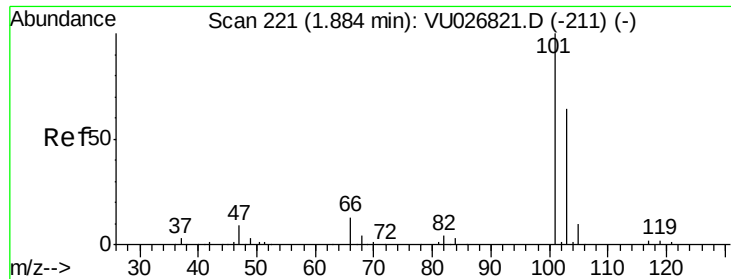
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091718\
Data File : VU026835.D
Acq On : 17 Sep 2018 20:55
Operator : MD/SY
Sample : J4890-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SZ3

Quant Time: Sep 18 02:00:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration



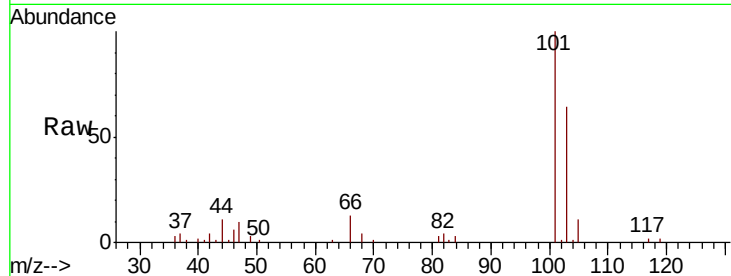


#9

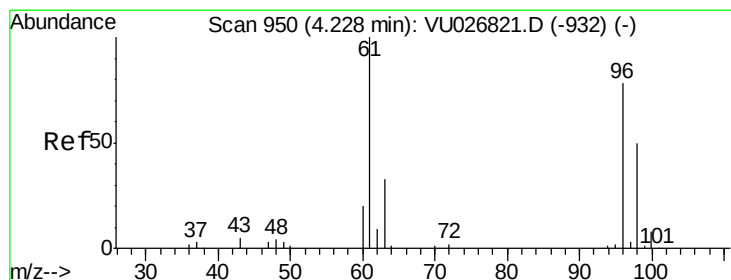
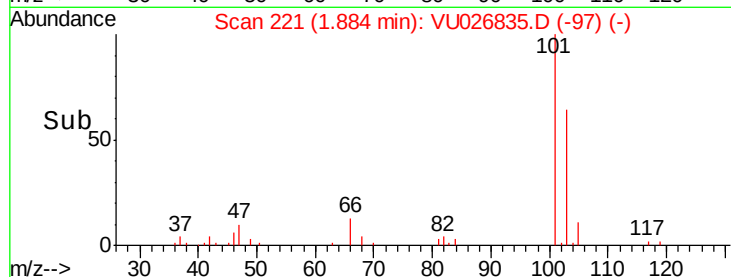
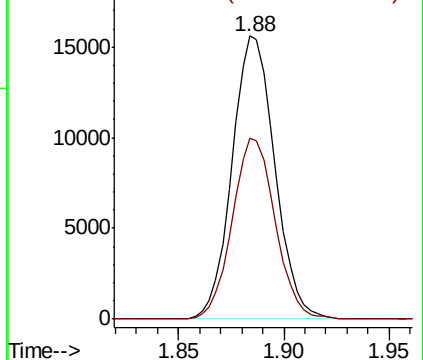
Trichlorofluoromethane
Concen: 7.67 ug/L
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU026835.D
Acq: 17 Sep 2018 20:55

Instrument :
MSVOA_U
ClientSampleId :
C0SZ3

Tot Ion:101 Resp: 21927
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9



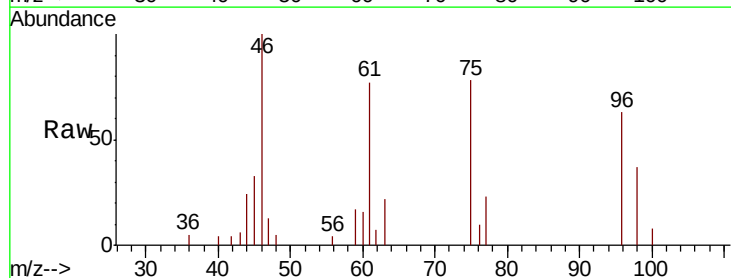
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



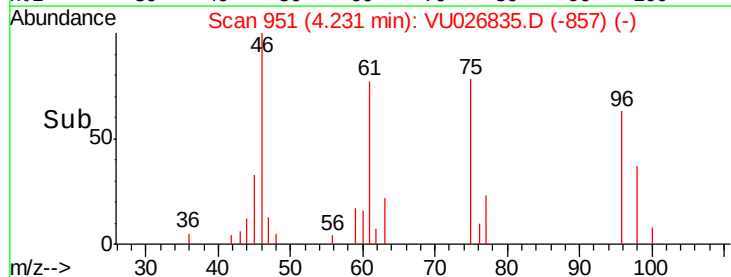
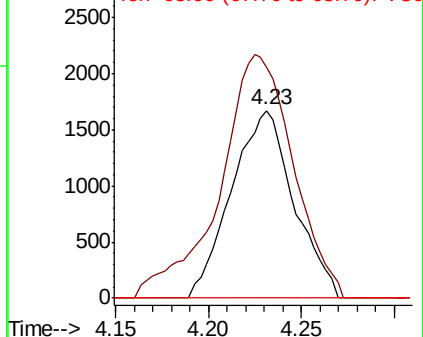
#20

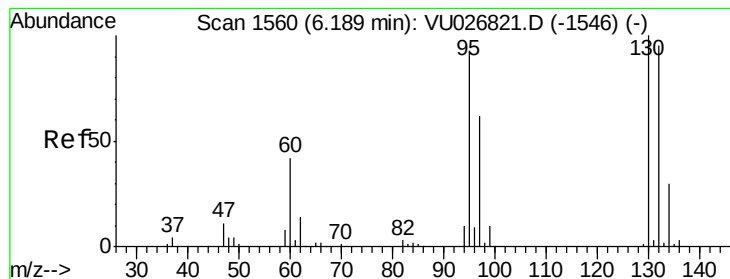
cis-1,2-Dichloroethene
Concen: 2.03 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU026835.D
Acq: 17 Sep 2018 20:55

Tgt Ion: 96 Resp: 3905
Ion Ratio Lower Upper
96 100
61 123.0 90.2 167.4
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 108.16 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU026835.D

Acq: 17 Sep 2018 20:55

Instrument :

MSVOA_U

ClientSampleId :

C05Z3

Tot Ion: 95 Resp: 190676

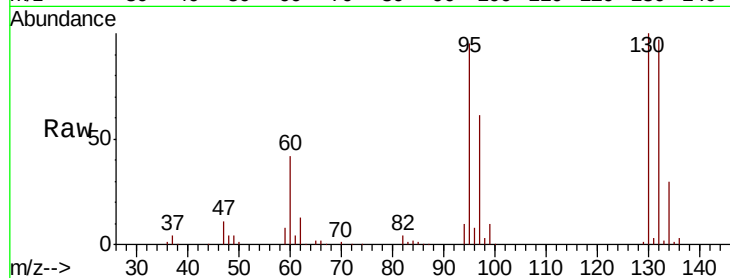
Ion Ratio Lower Upper

95 100

97 64.2 46.3 85.9

132 102.2 71.7 133.1

130 105.4 75.3 139.8

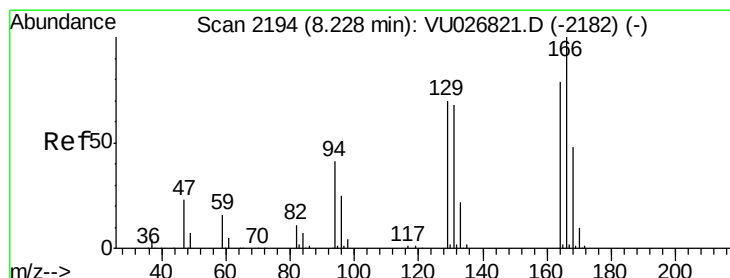
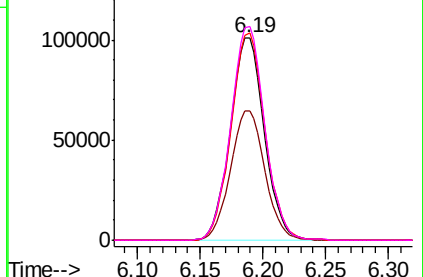
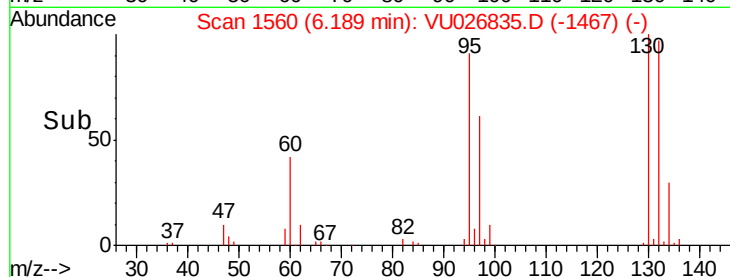


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 34.40 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU026835.D

Acq: 17 Sep 2018 20:55

Tgt Ion:164 Resp: 53763

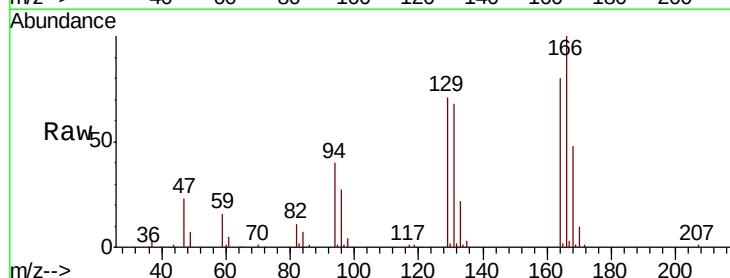
Ion Ratio Lower Upper

164 100

129 88.9 62.2 115.4

131 84.6 60.5 112.5

166 124.9 89.0 165.2



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

