

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102218\
 Data File : VU027737.D
 Acq On : 22 Oct 2018 12:58
 Operator : MD/SY
 Sample : J5589-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T29

Quant Time: Oct 23 08:28:16 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	114866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	106707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45767	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41217	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.24%
7) Chloroethane-d5	1.68	69	31946	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.86%
11) 1,1-Dichloroethene-d2	2.27	63	58463	36.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.64%
21) 2-Butanone-d5	4.18	46	76022	99.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.81%
24) Chloroform-d	4.65	84	74301	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
26) 1,2-Dichloroethane-d4	5.31	65	53277	47.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.78%
32) Benzene-d6	5.34	84	147030	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.76%
36) 1,2-Dichloropropane-d6	6.33	67	52716	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.18%
41) Toluene-d8	7.57	98	135837	48.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.92%
43) trans-1,3-Dichloropropene-	7.85	79	25324	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.14%
47) 2-Hexanone-d5	8.31	63	55110	99.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66987	47.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	47663	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%

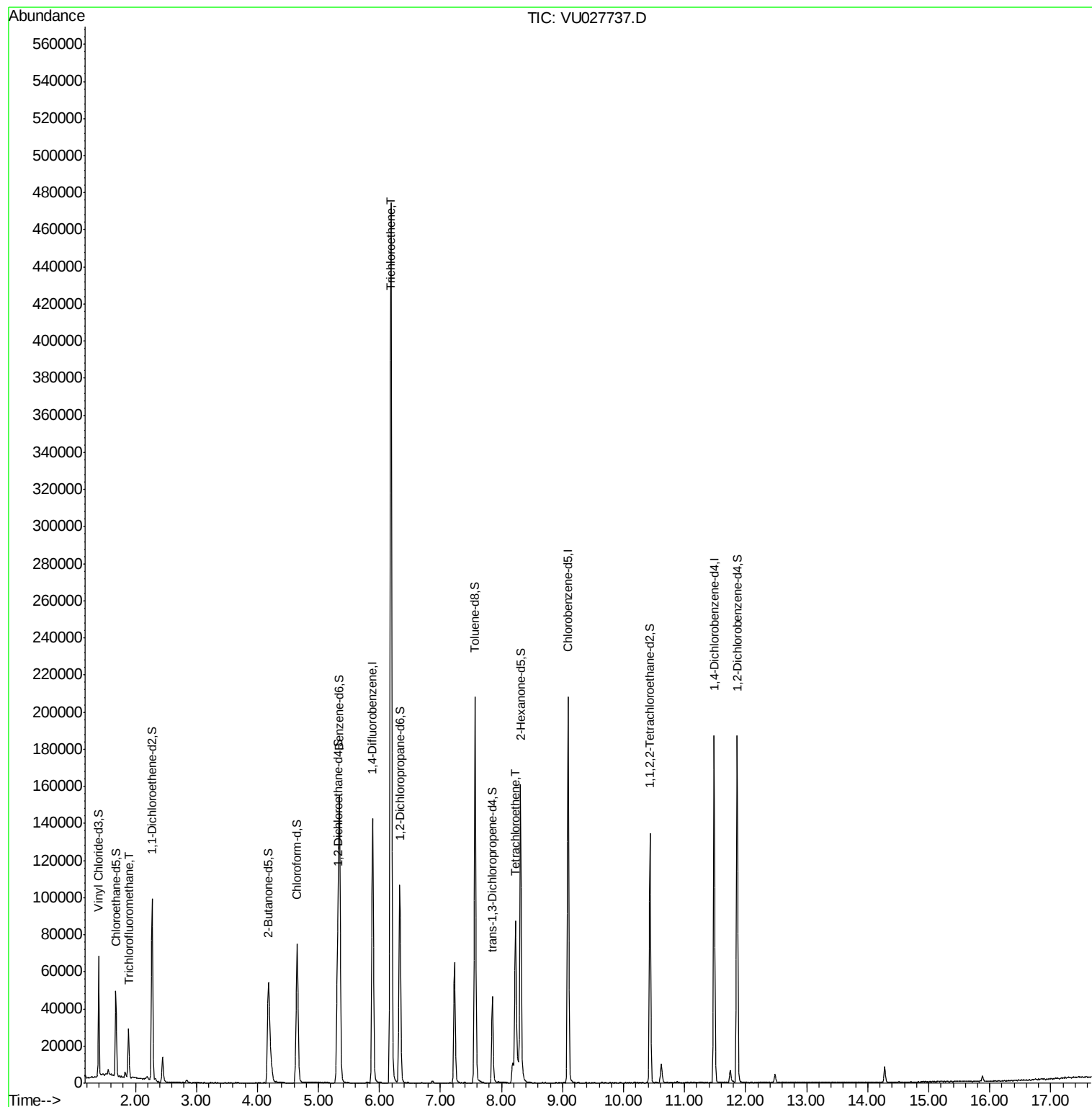
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.89	101	15193	12.156	ug/L 100
34) Trichloroethene	6.19	95	168608	212.166	ug/L 99
46) Tetrachloroethene	8.23	164	17456	28.443	ug/L 94

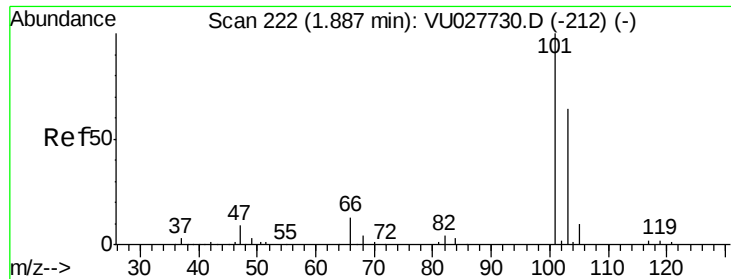
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102218\
Data File : VU027737.D
Acq On : 22 Oct 2018 12:58
Operator : MD/SY
Sample : J5589-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T29

Quant Time: Oct 23 08:28:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 08:01:28 2018
Response via : Initial Calibration



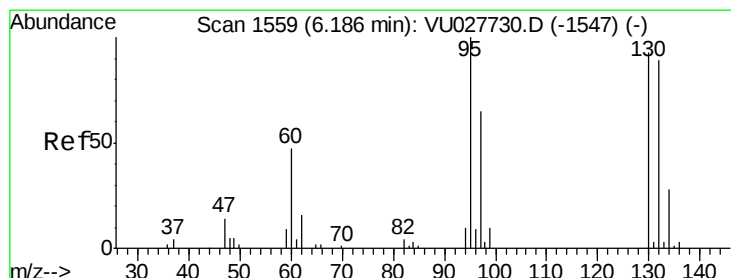
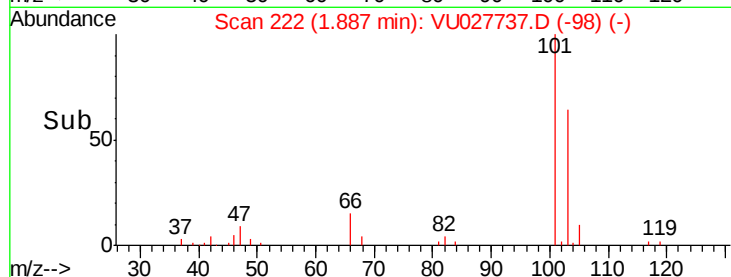
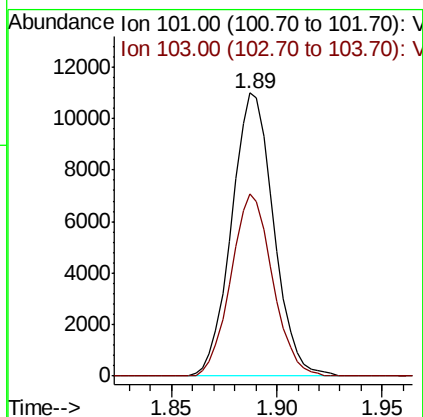
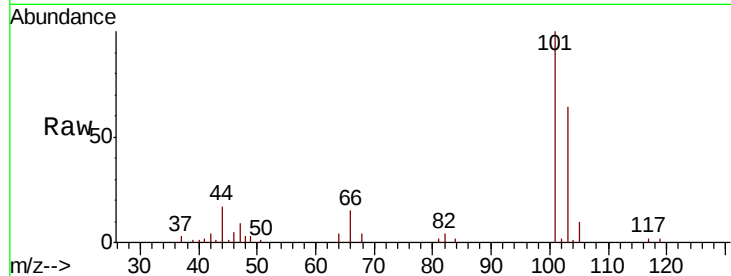


#9

Trichlorofluoromethane
 Concen: 12.156 ug/L
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU027737.D
 Acq: 22 Oct 2018 12:58

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T29

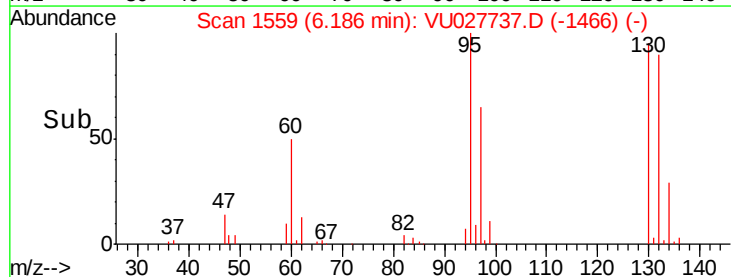
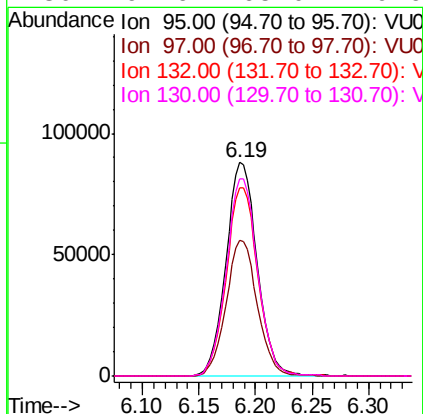
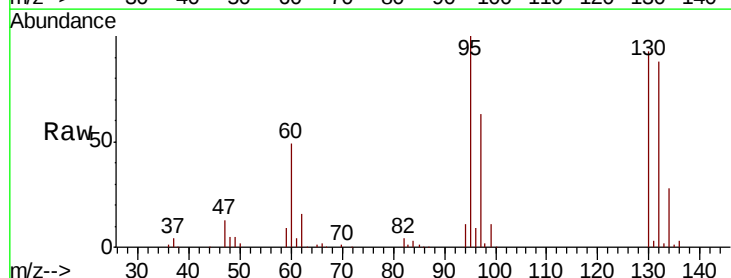
Tot Ion:101 Resp: 15193
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.0 76.4

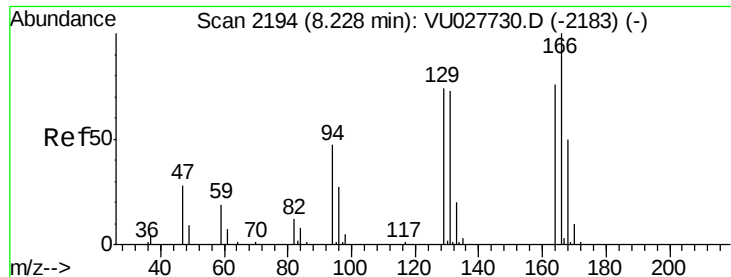


#34

Trichloroethene
 Concen: 212.166 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU027737.D
 Acq: 22 Oct 2018 12:58

Tgt Ion: 95 Resp: 168608
 Ion Ratio Lower Upper
 95 100
 97 63.4 45.8 85.2
 132 88.3 62.1 115.3
 130 92.6 65.0 120.6





#46

Tetrachloroethene

Concen: 28.443 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027737.D

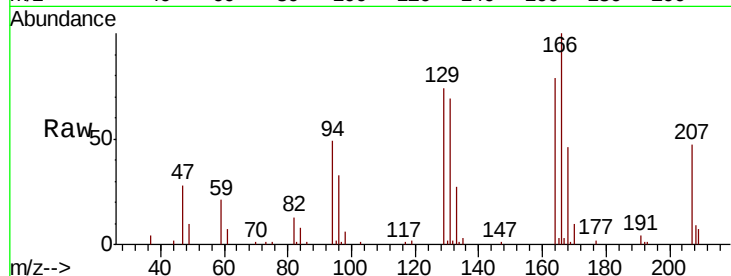
Acq: 22 Oct 2018 12:58

Instrument :

MSVOA_U

ClientSampleId :

C0T29



Tot Ion:164 Resp: 17456

Ion Ratio Lower Upper

164 100

129 93.1 68.5 127.3

131 86.7 67.1 124.5

166 126.4 92.2 171.2

