

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102218\
 Data File : VU027738.D
 Acq On : 22 Oct 2018 13:21
 Operator : MD/SY
 Sample : J5589-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T28

Quant Time: Oct 23 08:59:47 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	93438	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	85492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37686	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41478	57.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.10%
7) Chloroethane-d5	1.68	69	32101	57.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.70%
11) 1,1-Dichloroethene-d2	2.27	63	58424	44.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.24%
21) 2-Butanone-d5	4.18	46	76636	123.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.70%
24) Chloroform-d	4.65	84	76378	58.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.88%
26) 1,2-Dichloroethane-d4	5.31	65	54360	60.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.14%
32) Benzene-d6	5.34	84	148671	61.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.12%
36) 1,2-Dichloropropane-d6	6.33	67	53360	61.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	122.78%#
41) Toluene-d8	7.57	98	133571	59.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.94%
43) trans-1,3-Dichloropropene-	7.85	79	25279	59.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	119.78%
47) 2-Hexanone-d5	8.31	63	56417	126.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66523	59.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	47645	61.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.44%#

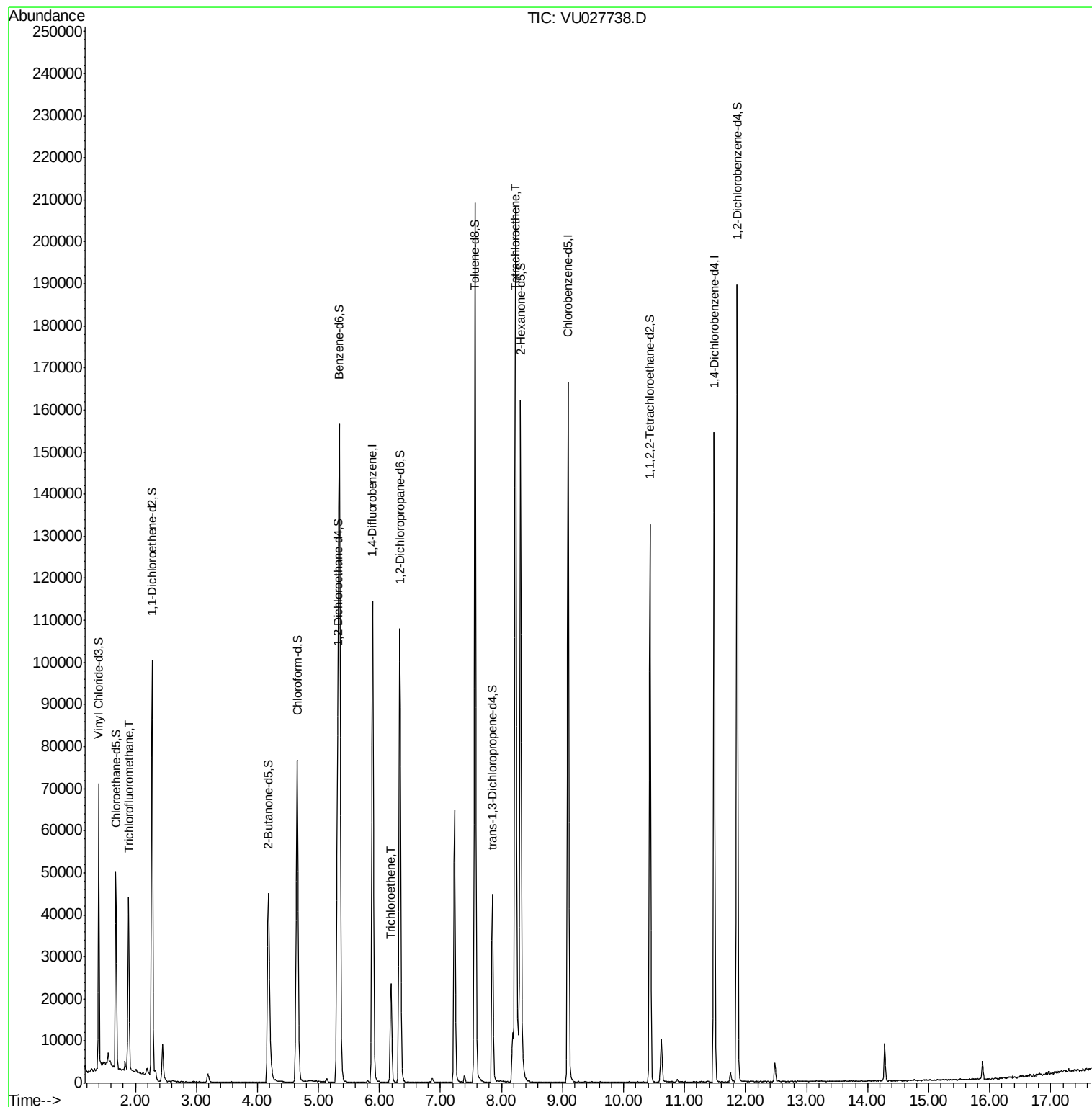
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.89	101	25175	24.762 ug/L	99
34) Trichloroethene	6.19	95	8647	13.581 ug/L	98
46) Tetrachloroethene	8.23	164	43509	88.486 ug/L	95

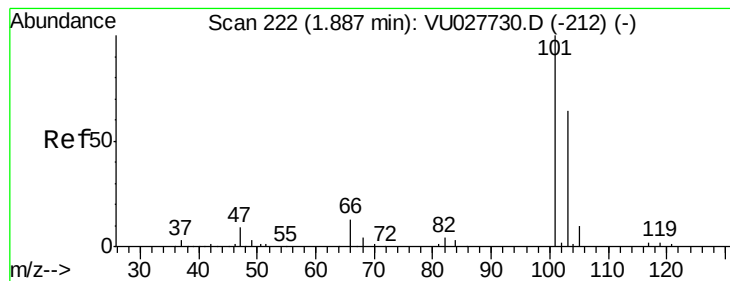
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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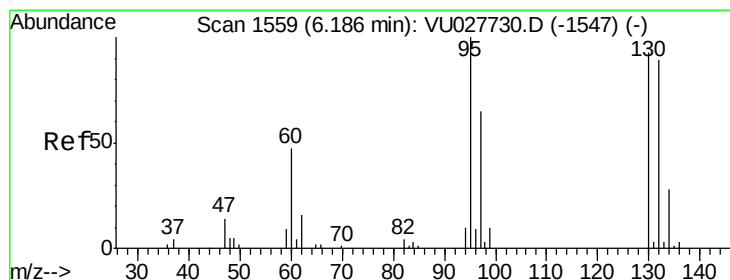
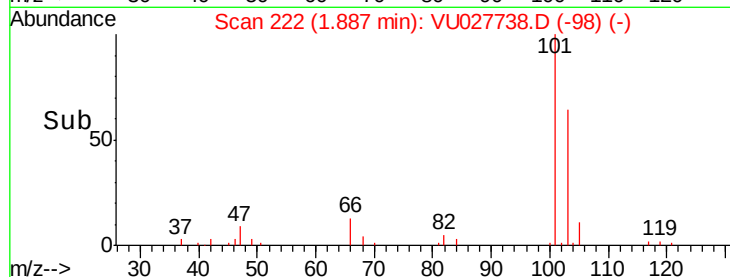
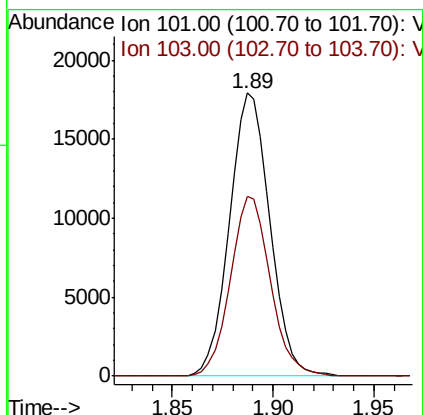
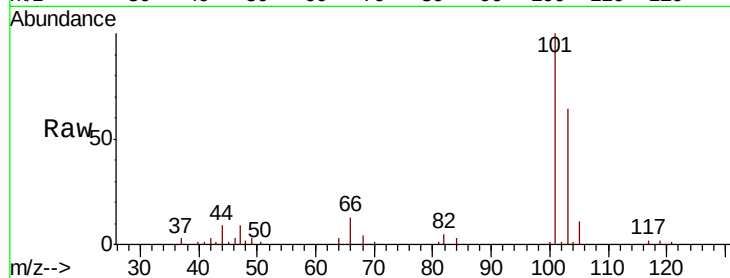


#9

Trichlorofluoromethane
 Concen: 24.762 ug/L
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU027738.D
 Acq: 22 Oct 2018 13:21

Instrument :
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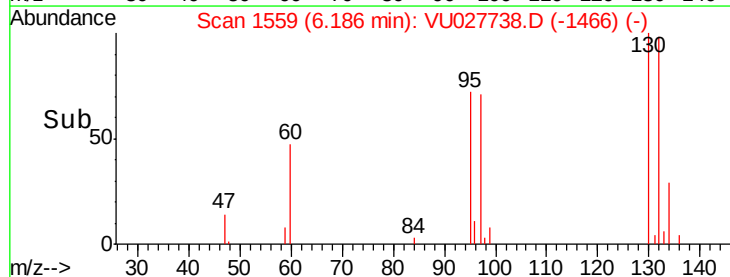
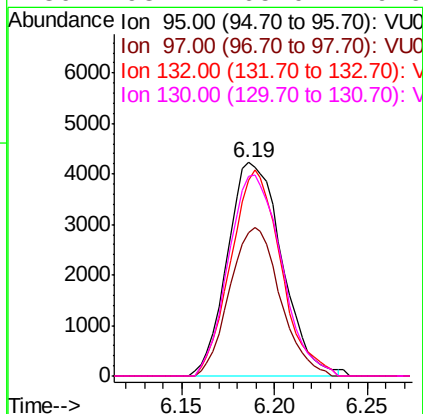
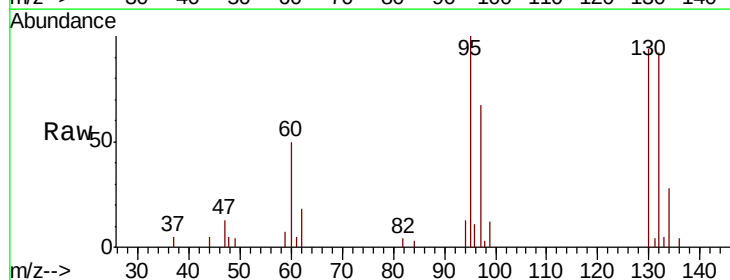
Tot Ion:101 Resp: 25175
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.0 76.4

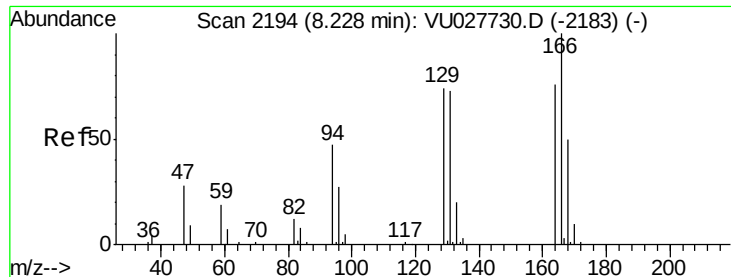


#34

Trichloroethene
 Concen: 13.581 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU027738.D
 Acq: 22 Oct 2018 13:21

Tgt Ion: 95 Resp: 8647
 Ion Ratio Lower Upper
 95 100
 97 66.9 45.8 85.2
 132 91.9 62.1 115.3
 130 93.7 65.0 120.6





#46

Tetrachloroethene

Concen: 88.486 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027738.D

Acq: 22 Oct 2018 13:21

Instrument :
MSVOA_U
ClientSampleId :
C0T28

Tot Ion:164 Resp: 43509

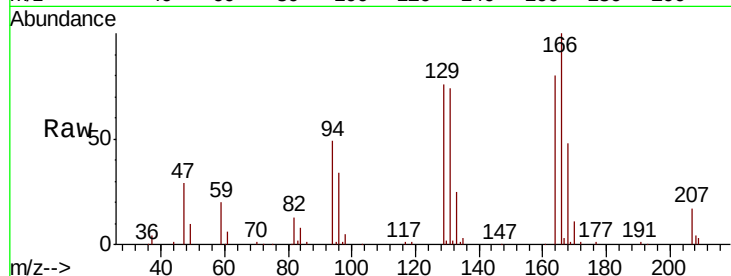
Ion Ratio Lower Upper

164 100

129 94.2 68.5 127.3

131 92.1 67.1 124.5

166 124.6 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

