

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102218\
 Data File : VU027742.D
 Acq On : 22 Oct 2018 14:54
 Operator : MD/SY
 Sample : J5589-07RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T28RE

Quant Time: Oct 23 08:59:32 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	109937	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	101687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46103	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38257	44.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.44%
7) Chloroethane-d5	1.68	69	30039	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.22%
11) 1,1-Dichloroethene-d2	2.27	63	55002	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.40%
21) 2-Butanone-d5	4.18	46	71627	98.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.26%
24) Chloroform-d	4.65	84	71041	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	51540	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
32) Benzene-d6	5.34	84	139009	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	50398	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.57	98	127272	47.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.28%
43) trans-1,3-Dichloropropene-	7.85	79	23868	47.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.08%
47) 2-Hexanone-d5	8.31	63	53044	100.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	64641	48.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	45181	47.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.68%

Target Compounds

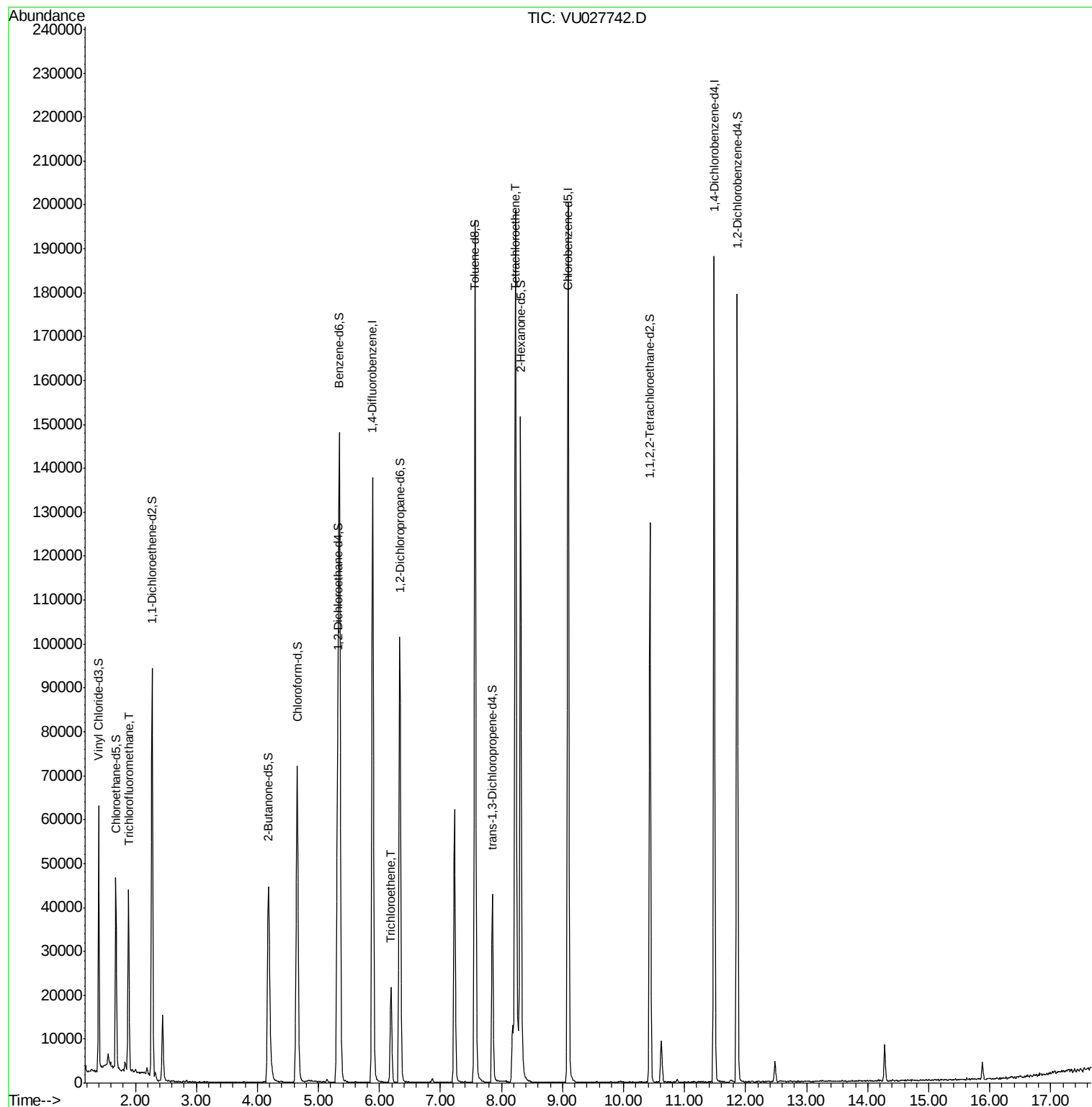
					Ovalue
9) Trichlorofluoromethane	1.89	101	24506	20.487 ug/L	99
34) Trichloroethene	6.19	95	7635	10.082 ug/L	96
46) Tetrachloroethene	8.23	164	41981	71.781 ug/L	95

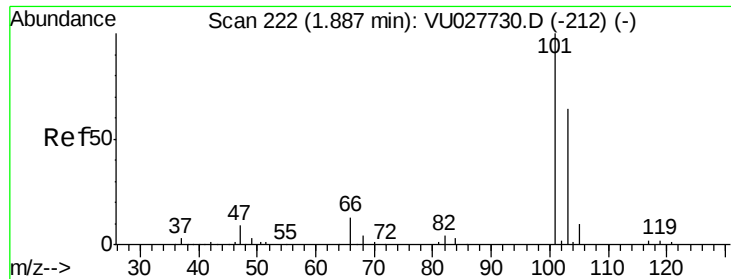
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102218\
Data File : VU027742.D
Acq On : 22 Oct 2018 14:54
Operator : MD/SY
Sample : J5589-07RE
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T28RE

Quant Time: Oct 23 08:59:32 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



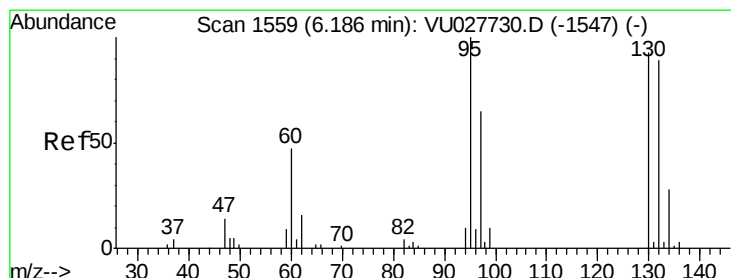
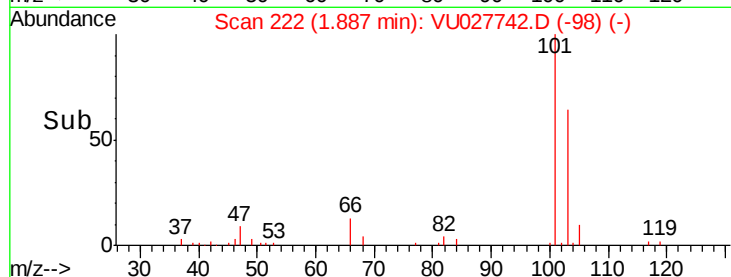
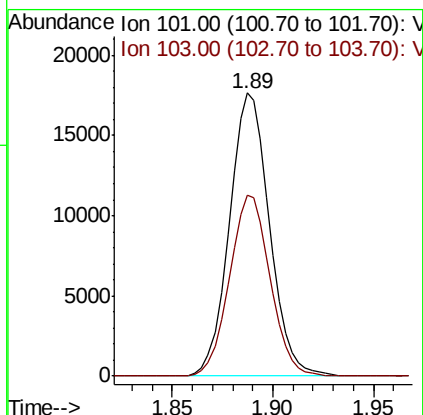
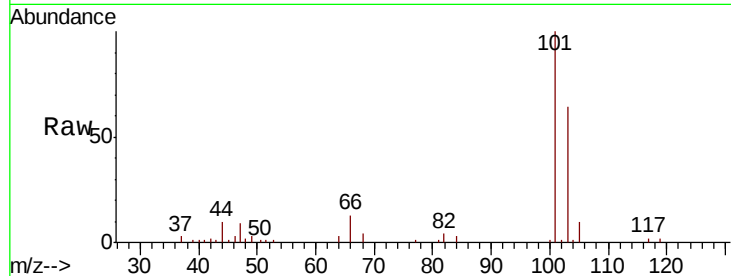


#9

Trichlorofluoromethane
 Concen: 20.487 ug/L
 RT: 1.89 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VU027742.D
 Acq: 22 Oct 2018 14:54

Instrument :
 MSVOA_U
 ClientSampleId :
 C0T28RE

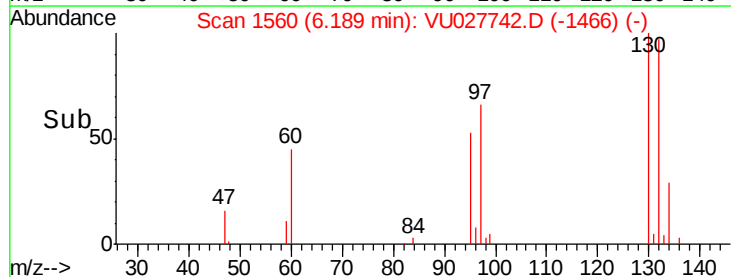
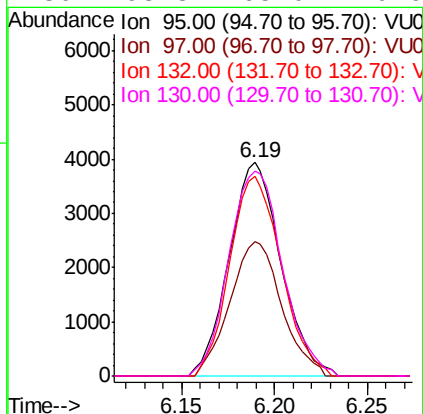
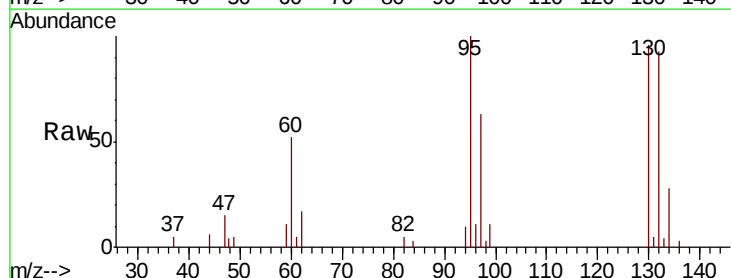
Tot Ion:101 Resp: 24506
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.0 76.4

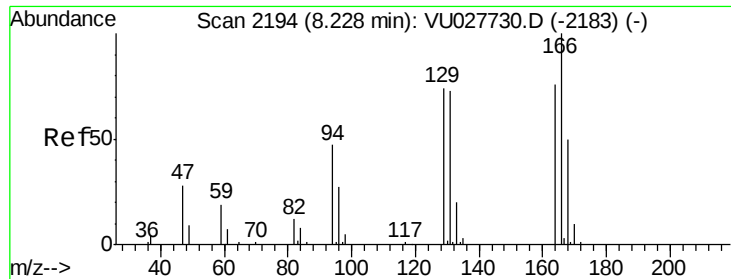


#34

Trichloroethene
 Concen: 10.082 ug/L
 RT: 6.19 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VU027742.D
 Acq: 22 Oct 2018 14:54

Tgt Ion: 95 Resp: 7635
 Ion Ratio Lower Upper
 95 100
 97 63.0 45.8 85.2
 132 93.4 62.1 115.3
 130 95.8 65.0 120.6





#46

Tetrachloroethene

Concen: 71.781 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027742.D

Acq: 22 Oct 2018 14:54

Instrument :

MSVOA_U

ClientSampleId :

C0T28RE

Tot Ion:164 Resp: 41981

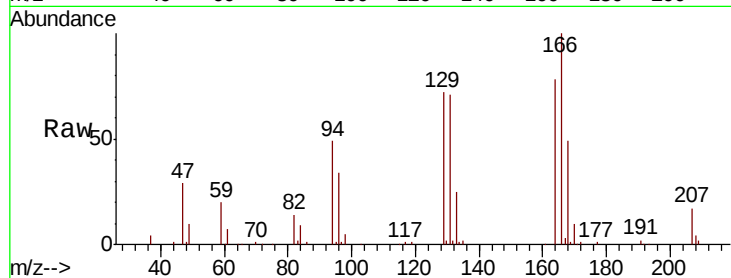
Ion Ratio Lower Upper

164 100

129 92.5 68.5 127.3

131 90.8 67.1 124.5

166 127.7 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

