

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090818\
 Data File : VU026622.D
 Acq On : 07 Sep 2018 16:27
 Operator : MD/SY
 Sample : J4750-08DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SY8DL

Quant Time: Sep 08 01:49:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 08 01:21:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156445	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	146062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	59084	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47600	49.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.22%
7) Chloroethane-d5	1.68	69	44137	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.84%
11) 1,1-Dichloroethene-d2	2.27	63	71109	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	4.18	46	89085	118.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.42%
24) Chloroform-d	4.65	84	92534	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.08%
26) 1,2-Dichloroethane-d4	5.31	65	63968	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.96%
32) Benzene-d6	5.34	84	181598	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.88%
36) 1,2-Dichloropropane-d6	6.33	67	65448	56.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.18%
41) Toluene-d8	7.57	98	158224	48.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.38%
43) trans-1,3-Dichloropropene-	7.85	79	26800	50.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.50%
47) 2-Hexanone-d5	8.31	63	62208	117.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90405	53.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	61293	57.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.36%

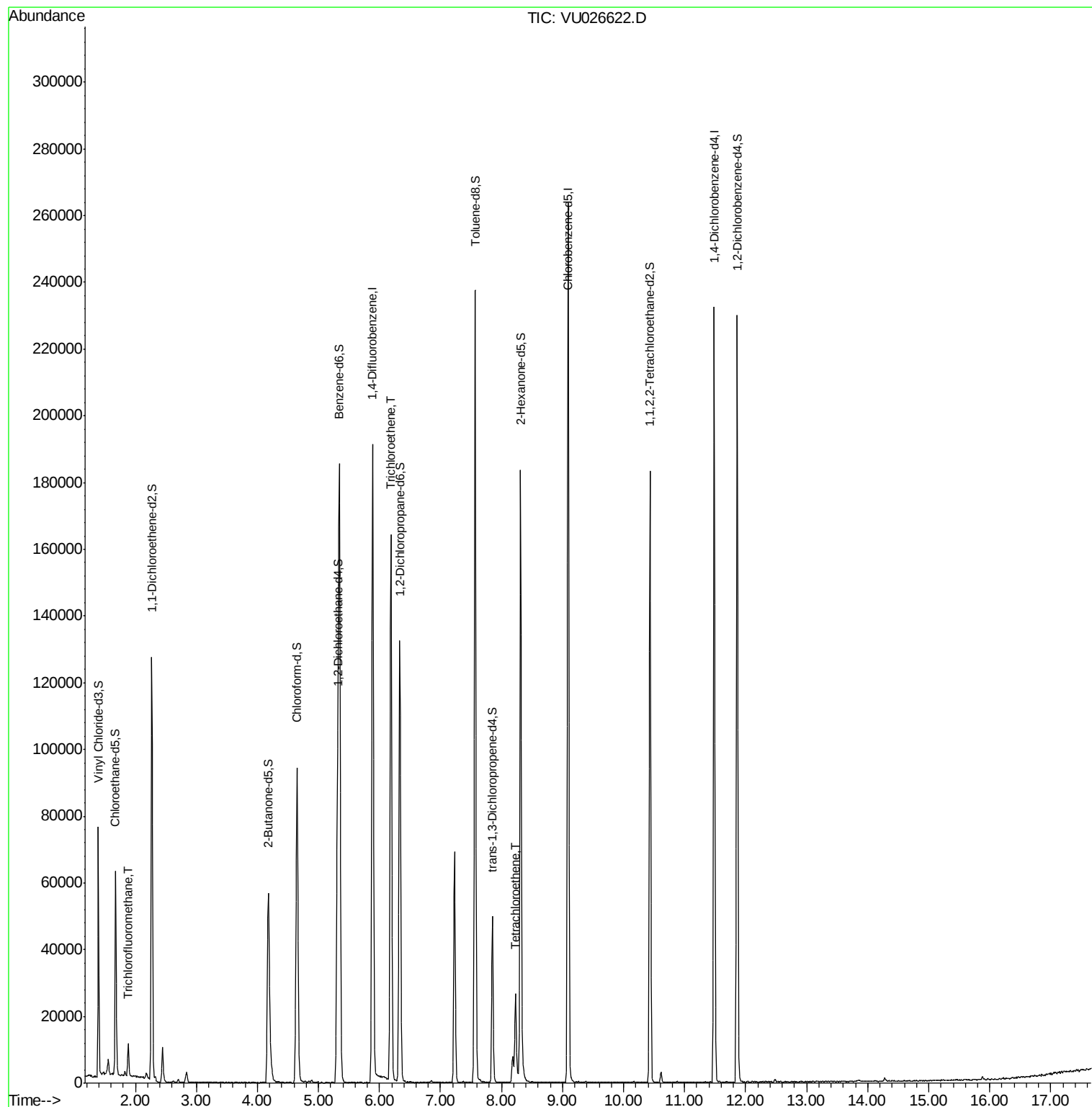
Target Compounds						Ovalue
9) Trichlorofluoromethane	1.88	101	5218	2.51	ug/L	96
34) Trichloroethene	6.19	95	55268	52.62	ug/L	96
46) Tetrachloroethene	8.23	164	5460	6.36	ug/L	92

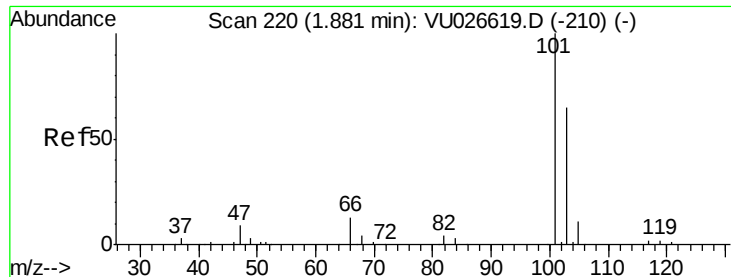
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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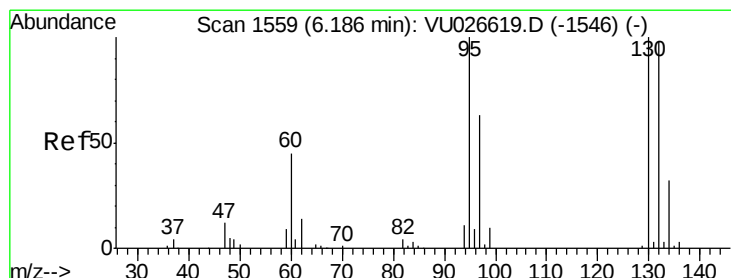
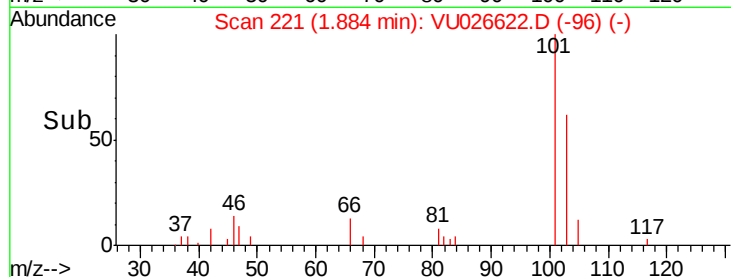
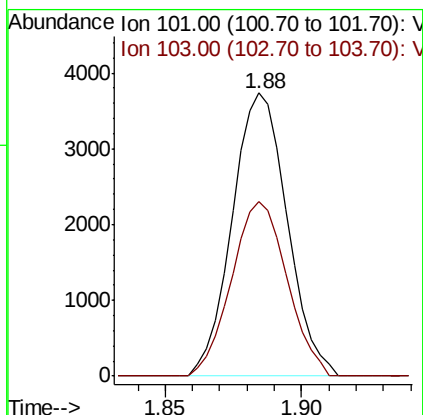
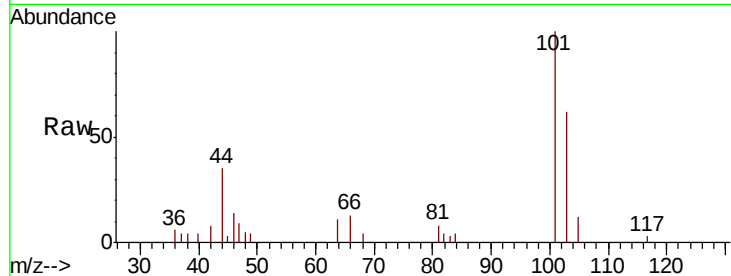


#9

Trichlorofluoromethane
 Concen: 2.51 ug/L
 RT: 1.88 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VU026622.D
 Acq: 07 Sep 2018 16:27

Instrument :
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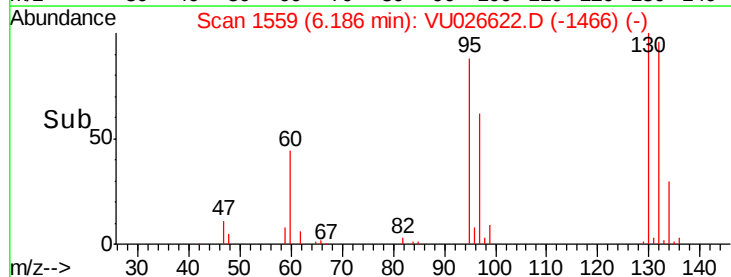
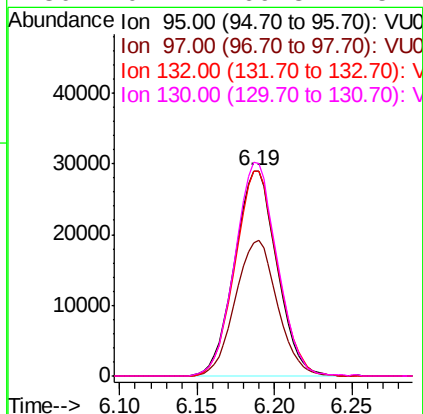
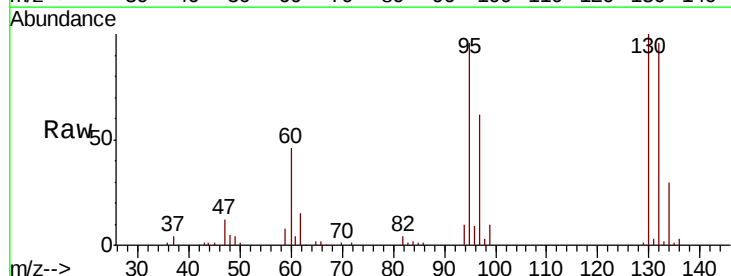
Tot Ion:101 Resp: 5218
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.7 79.1

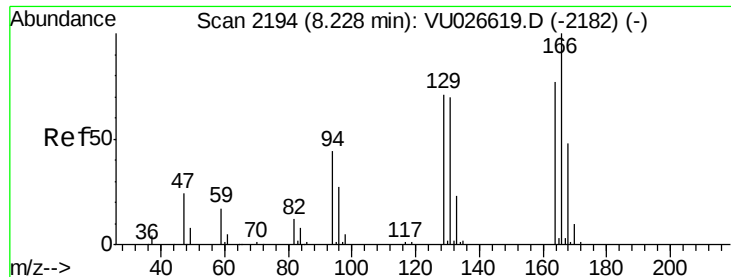


#34

Trichloroethene
 Concen: 52.62 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU026622.D
 Acq: 07 Sep 2018 16:27

Tgt Ion: 95 Resp: 55268
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.1 83.7
 132 100.1 67.5 125.3
 130 104.2 69.3 128.7





#46

Tetrachloroethene

Concen: 6.36 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU026622.D

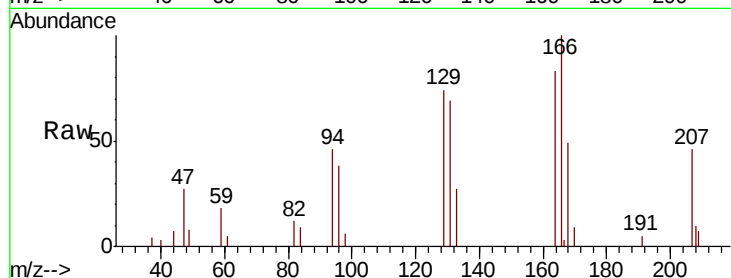
Acq: 07 Sep 2018 16:27

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Tot Ion:164 Resp: 5460

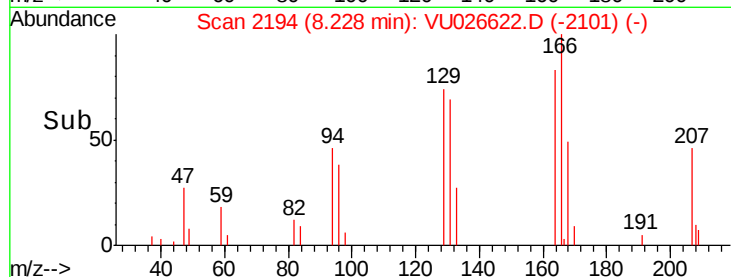
Ion Ratio Lower Upper

164 100

129 89.3 67.3 125.1

131 83.1 65.3 121.3

166 121.2 90.9 168.7



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

