

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092118\
 Data File : VV007694.D
 Acq On : 21 Sep 2018 13:10
 Operator : SY/MD
 Sample : J4990-16
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T18

Quant Time: Sep 22 00:12:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 03:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	98824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49955	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17290	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.59	69	19332	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.13	63	32504	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.96	46	55861	53.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	4.41	84	46828	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	24945	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	87290	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	26710	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.36	98	84562	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	9117	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	39534	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22114	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	39881	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

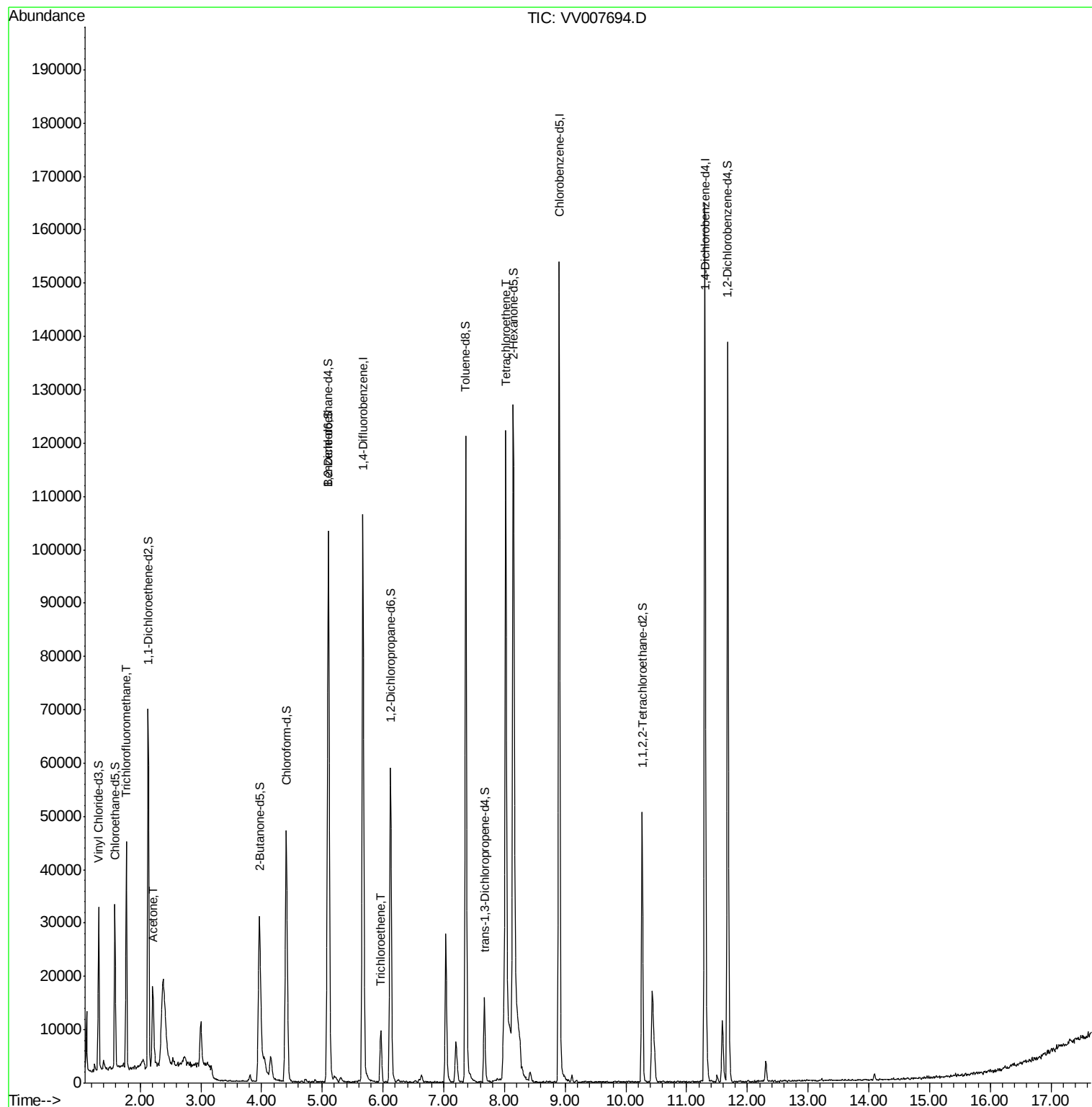
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	23545	1.568	ug/L	96
13) Acetone	2.21	43	19723	19.760	ug/L	100
34) Trichloroethene	5.96	95	3480	0.489	ug/L	93
47) Tetrachloroethene	8.02	164	27585	3.946	ug/L	95

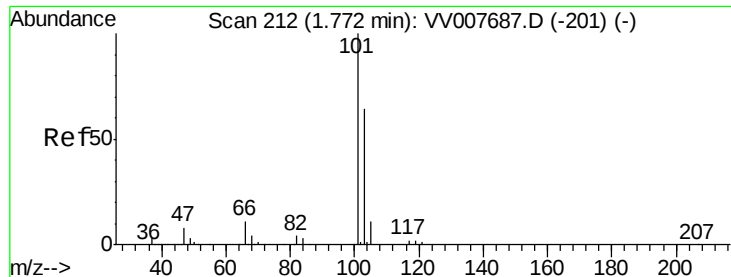
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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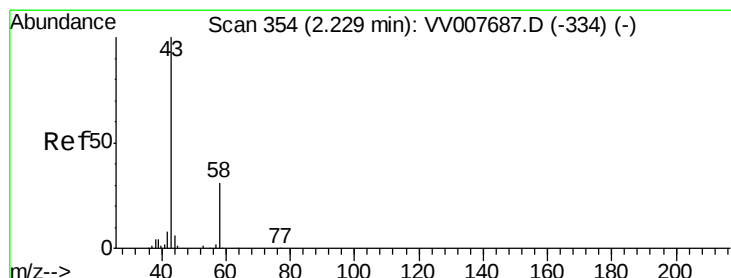
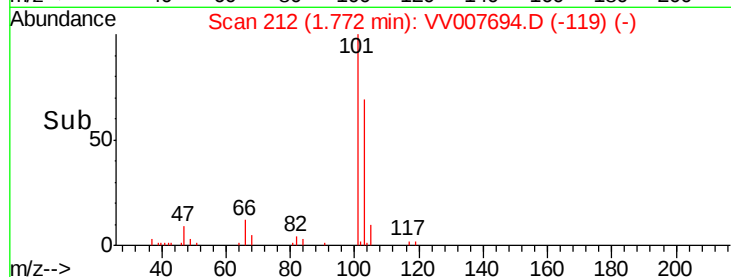
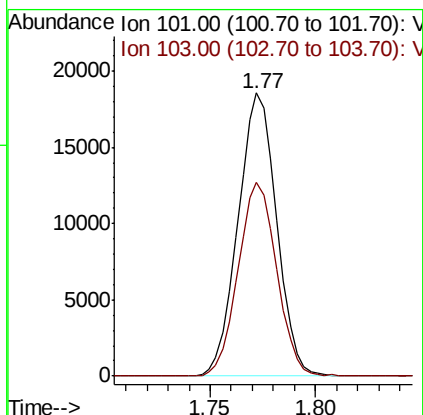
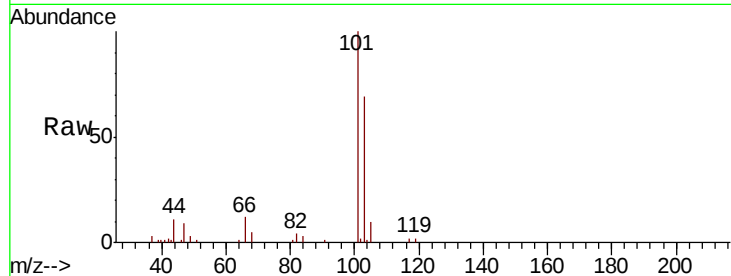




#9
 Trichlorofluoromethane
 Concen: 1.568 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV007694.D
 Acq: 21 Sep 2018 13:10

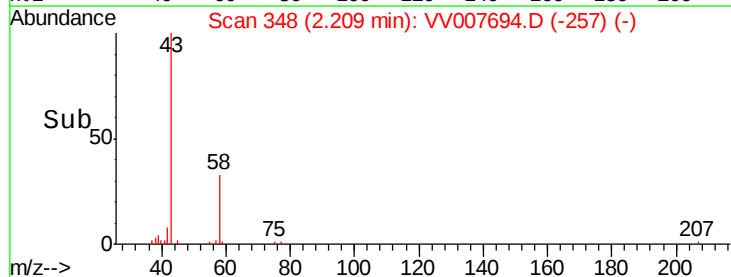
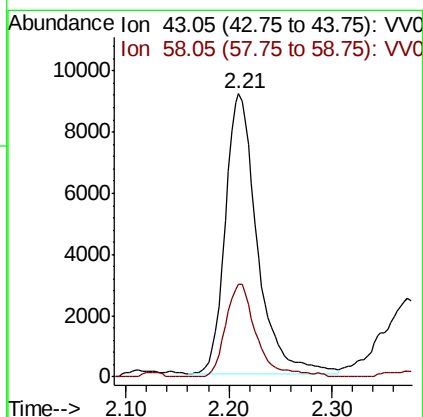
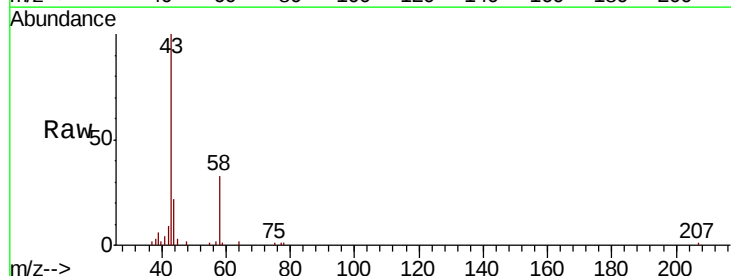
Instrument :
 MSVOA_V
 ClientSampleId :
 COT18

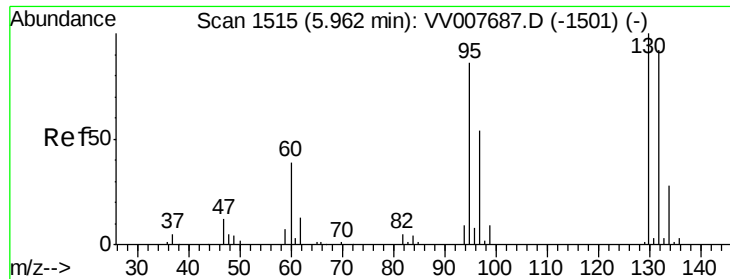
Tot Ion:101 Resp: 23545
 Ion Ratio Lower Upper
 101 100
 103 68.4 51.9 77.9



#13
 Acetone
 Concen: 19.760 ug/L
 RT: 2.21 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VV007694.D
 Acq: 21 Sep 2018 13:10

Tgt Ion: 43 Resp: 19723
 Ion Ratio Lower Upper
 43 100
 58 31.8 0.0 63.6





#34

Trichloroethene

Concen: 0.489 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007694.D

Acq: 21 Sep 2018 13:10

Instrument :

MSVOA_V

ClientSampleId :

COT18

Tot Ion: 95 Resp: 3480

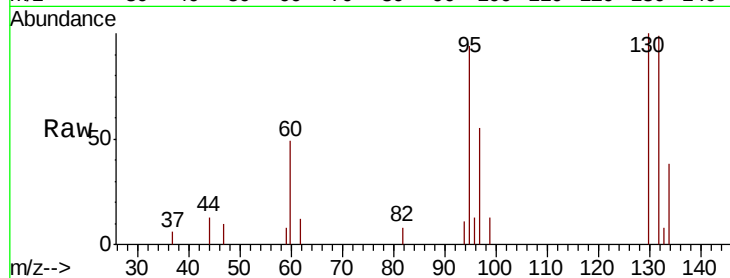
Ion Ratio Lower Upper

95 100

97 58.5 45.1 83.9

132 104.5 78.2 145.2

130 105.9 78.8 146.3



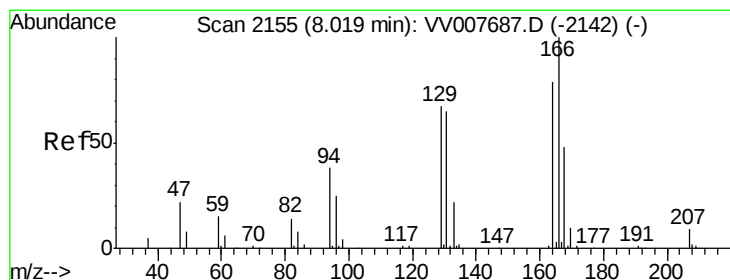
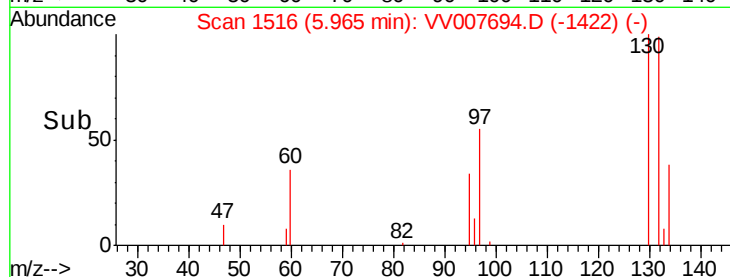
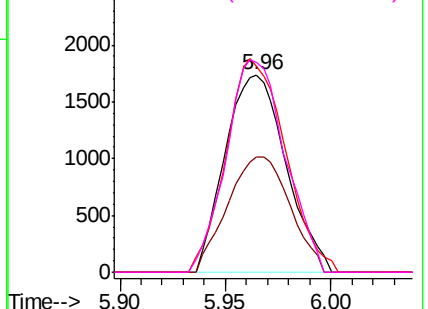
Abundance

Ion 95.00 (94.70 to 95.70): VV007687.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007687.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007687.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007687.D (-1501) (-)



#47

Tetrachloroethene

Concen: 3.946 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007694.D

Acq: 21 Sep 2018 13:10

Tgt Ion: 164 Resp: 27585

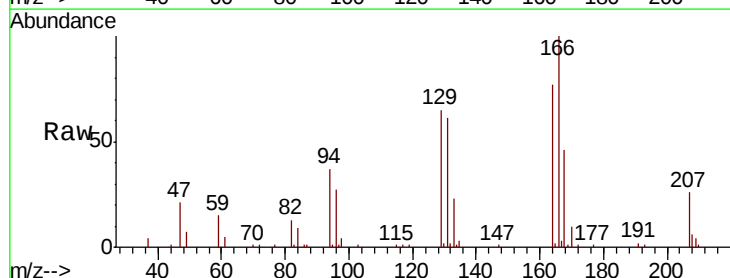
Ion Ratio Lower Upper

164 100

129 84.2 61.5 114.3

131 79.1 60.9 113.1

166 129.5 88.8 165.0



Abundance

Ion 163.90 (163.60 to 164.60): VV007687.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV007687.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV007687.D (-2142) (-)

Ion 165.90 (165.60 to 166.60): VV007687.D (-2142) (-)

