

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007814.D
 Acq On : 24 Sep 2018 14:18
 Operator : SY/MD
 Sample : J5010-05
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T11

Quant Time: Sep 25 02:55:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 25 02:11:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192886	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190926	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41899	39.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.94%
7) Chloroethane-d5	1.59	69	44359	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.12%
11) 1,1-Dichloroethene-d2	2.14	63	85945	34.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.54%
21) 2-Butanone-d5	3.95	46	65981	95.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.30%
24) Chloroform-d	4.41	84	99147	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.34%
26) 1,2-Dichloroethane-d4	5.09	65	68818	48.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.14%
32) Benzene-d6	5.11	84	198758	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
36) 1,2-Dichloropropane-d6	6.13	67	60972	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.10%
41) Toluene-d8	7.36	98	204662	44.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.26%
43) trans-1,3-Dichloropropene-	7.67	79	27743	42.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.92%
47) 2-Hexanone-d5	8.14	63	50448	88.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90860	44.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.82%
64) 1,2-Dichlorobenzene-d4	11.68	152	97317	46.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.80%

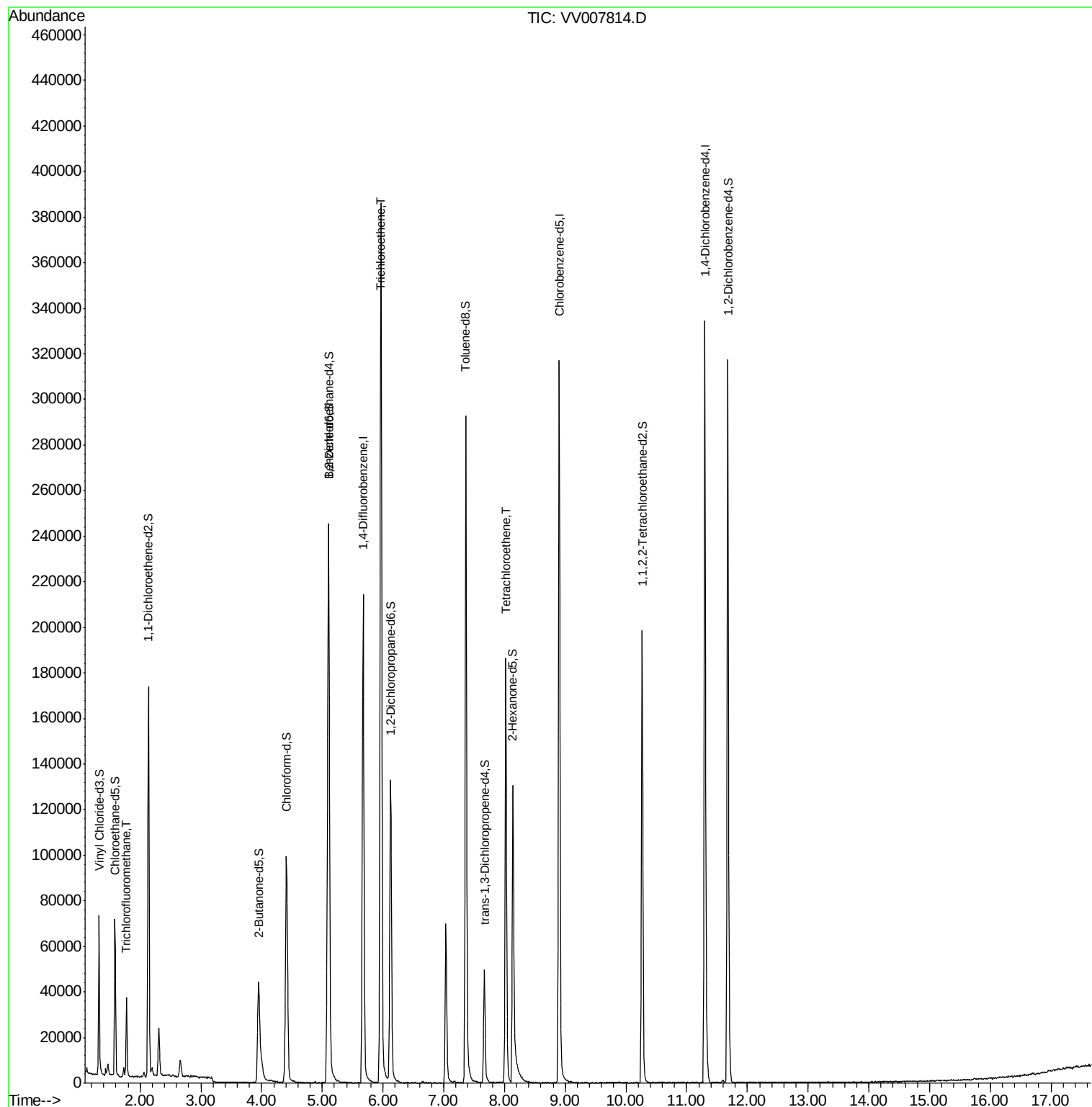
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.78	101	19389	7.541	ug/L 99
34) Trichloroethene	5.96	95	129450	95.709	ug/L 99
46) Tetrachloroethene	8.02	164	44110	31.865	ug/L 99

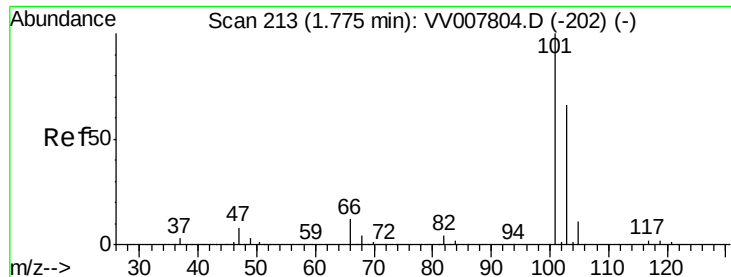
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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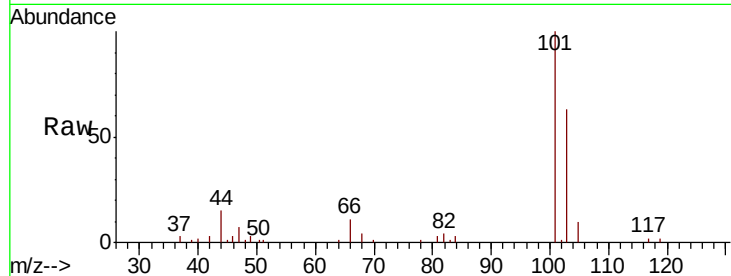


#9

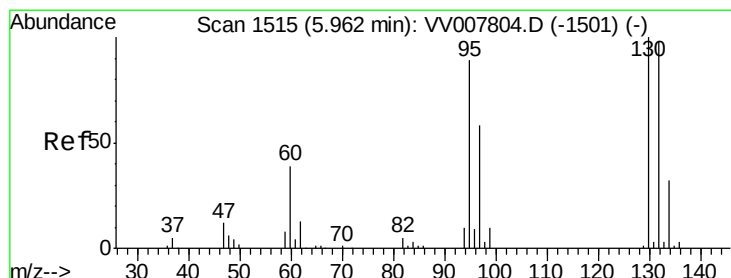
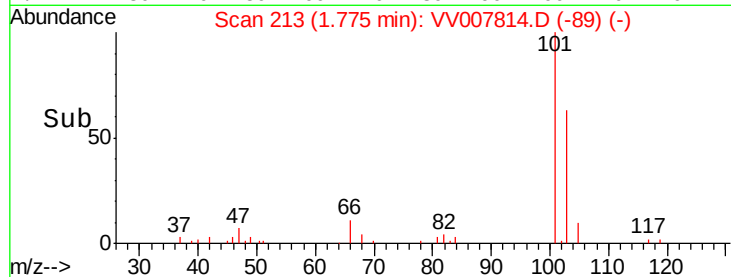
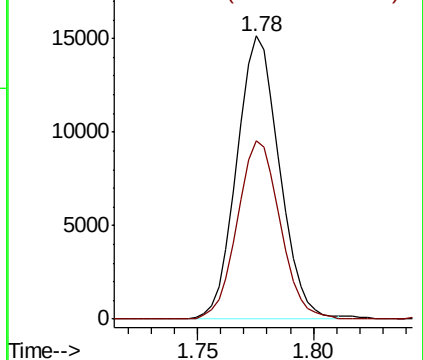
Trichlorofluoromethane
 Concen: 7.541 ug/L
 RT: 1.78 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: VV007814.D
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Instrument :
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Tot Ion:101 Resp: 19389
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.2



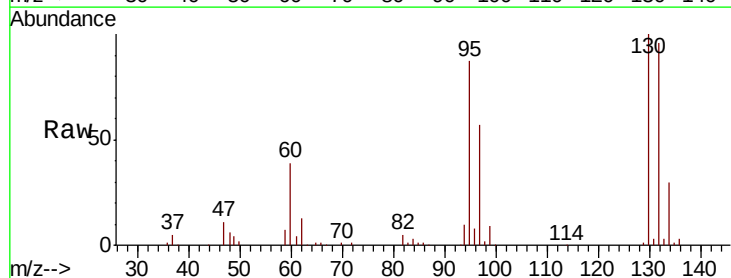
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



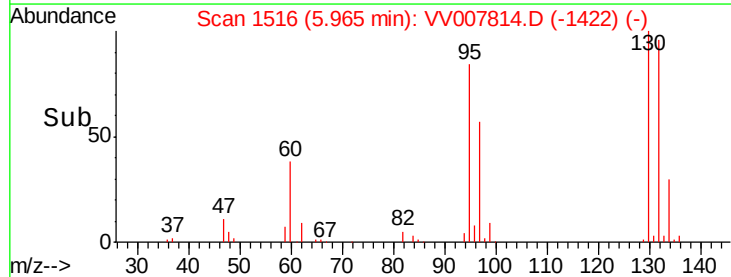
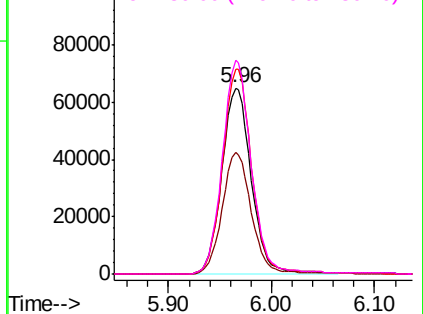
#34

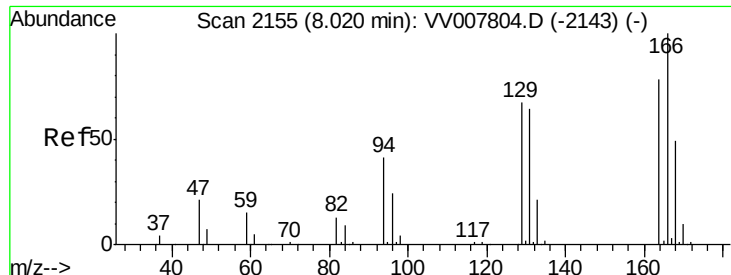
Trichloroethene
 Concen: 95.709 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007814.D
 Acq: 24 Sep 2018 14:18

Tgt Ion: 95 Resp: 129450
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.2 84.0
 132 110.0 77.7 144.3
 130 114.7 79.7 148.1



Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 31.865 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV007814.D

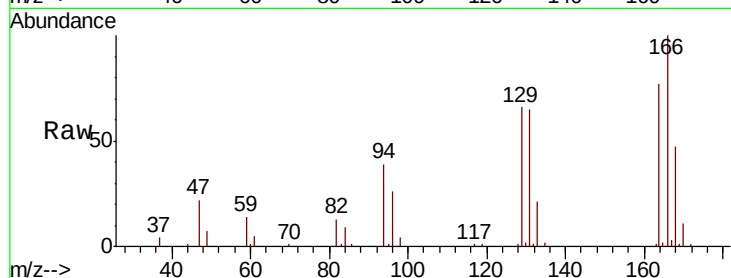
Acq: 24 Sep 2018 14:18

Instrument :

MSVOA_V

ClientSampleId :

C0T11



Tot Ion:164 Resp: 44110

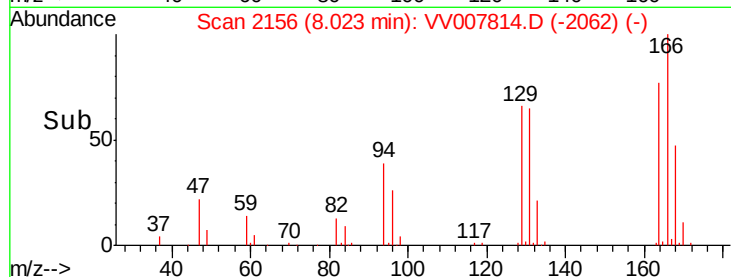
Ion Ratio Lower Upper

164 100

129 85.2 61.0 113.4

131 83.6 57.8 107.4

166 129.4 89.9 167.0



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

