

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008310.D
 Acq On : 16 Oct 2018 21:58
 Operator : SY/MD
 Sample : J5406-02DL 20X
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH5

Quant Time: Oct 17 05:40:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91594	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	80724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23640	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	19418	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	35566	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.98	46	85791	49.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.84%
24) Chloroform-d	4.41	84	51753	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.09	65	27299	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.10	84	111225	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	36505	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	98313	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.67	79	14001	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	51746	45.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20546	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	30065	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

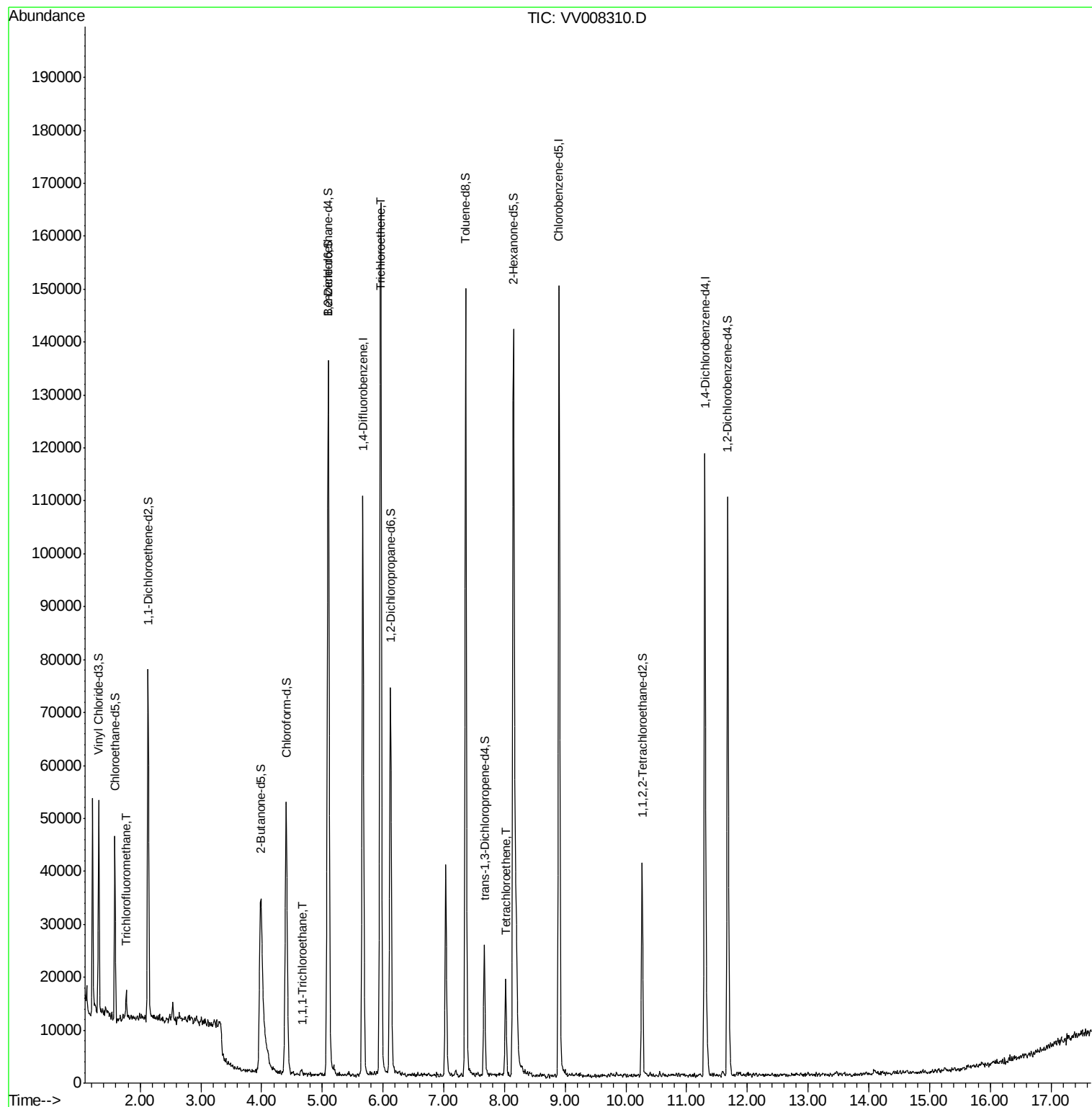
					Ovalue
9) Trichlorofluoromethane	1.77	101	2028	0.245 ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	947	0.094 ug/L	96
34) Trichloroethene	5.96	95	56413	7.483 ug/L	97
47) Tetrachloroethene	8.02	164	3955	0.837 ug/L	94

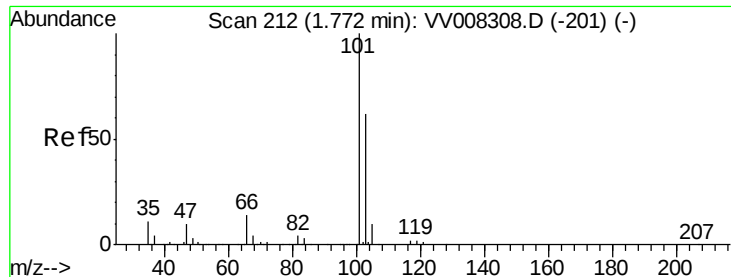
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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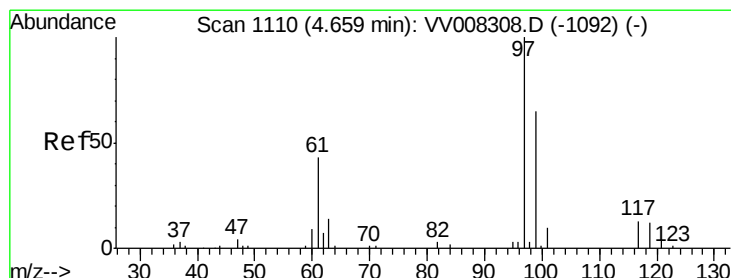
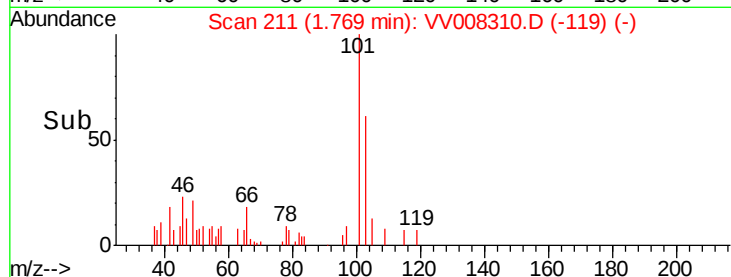
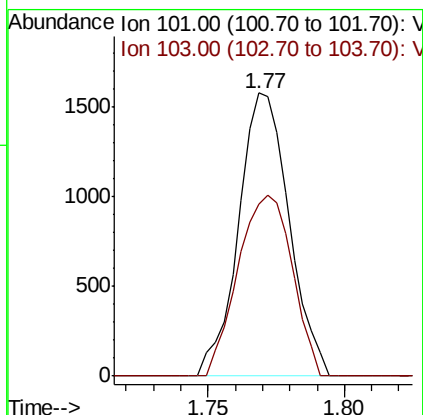
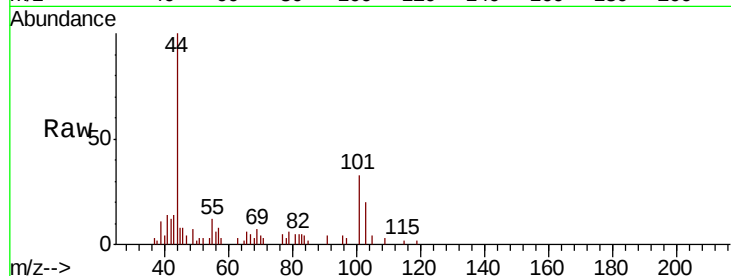


#9

Trichlorofluoromethane
Concen: 0.245 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV008310.D
Acq: 16 Oct 2018 21:58

Instrument :
MSVOA_V
ClientSampleId :
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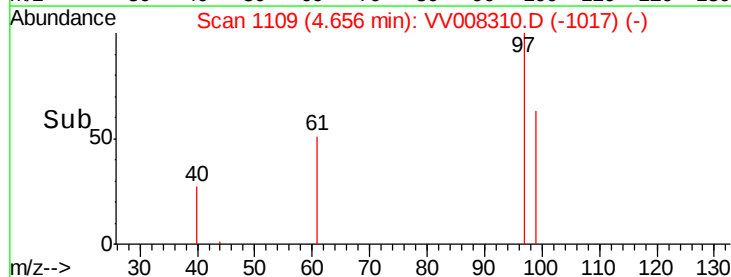
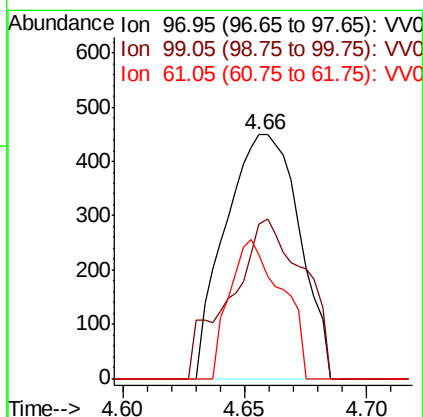
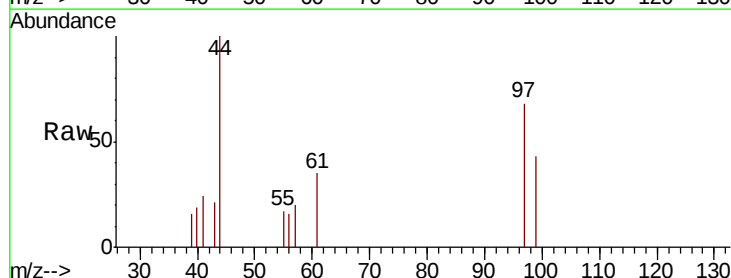
Tot Ion:101 Resp: 2028
Ion Ratio Lower Upper
101 100
103 68.6 51.8 77.6

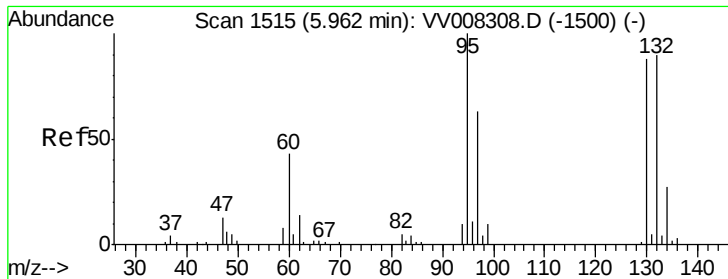


#29

1,1,1-Trichloroethane
Concen: 0.094 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VV008310.D
Acq: 16 Oct 2018 21:58

Tgt Ion: 97 Resp: 947
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 40.3 37.0 55.6





#34

Trichloroethene

Concen: 7.483 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VV008310.D

Acq: 16 Oct 2018 21:58

Instrument :

MSVOA_V

ClientSampleId :

C0AH5

Tot Ion: 95 Resp: 56413

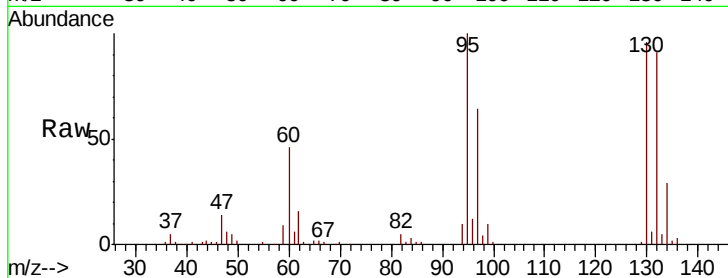
Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.4

132 90.6 60.4 112.2

130 96.5 65.5 121.7

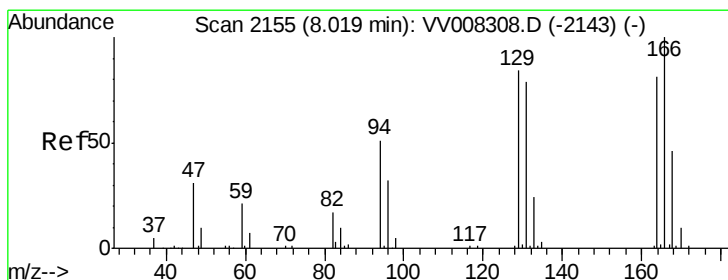
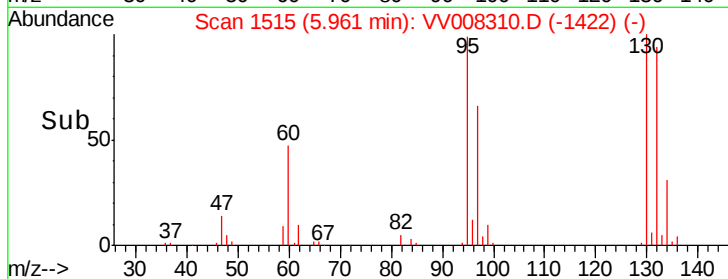
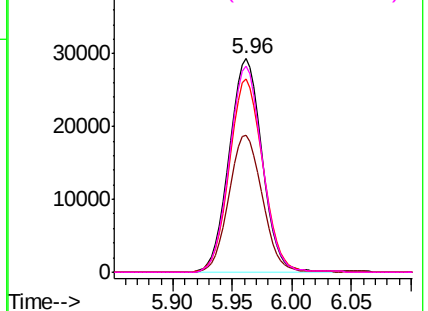


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.837 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008310.D

Acq: 16 Oct 2018 21:58

Tgt Ion:164 Resp: 3955

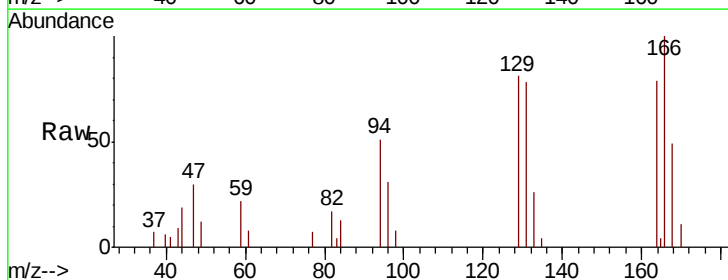
Ion Ratio Lower Upper

164 100

129 102.3 76.5 142.1

131 97.9 74.7 138.7

166 125.9 91.6 170.0



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

