

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018989.D
 Acq On : 20 Oct 2020 01:09
 Operator : SY/MD
 Sample : L4430-02 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1

Quant Time: Oct 20 04:13:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294370	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293860	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136198	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95086	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.48%
7) Chloroethane-d5	1.58	69	84896	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.44%
11) 1,1-Dichloroethene-d2	2.12	63	153764	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.90	46	173752	102.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.87%
24) Chloroform-d	4.37	84	199831	45.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.06	65	138746	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.07	84	373879	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.16%
36) 1,2-Dichloropropane-d6	6.09	67	122937	44.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.64%
41) Toluene-d8	7.34	98	323630	42.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.10%
43) trans-1,3-Dichloropropene-	7.64	79	55221	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
47) 2-Hexanone-d5	8.11	63	83009	81.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129744	40.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	135045	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%

Target Compounds

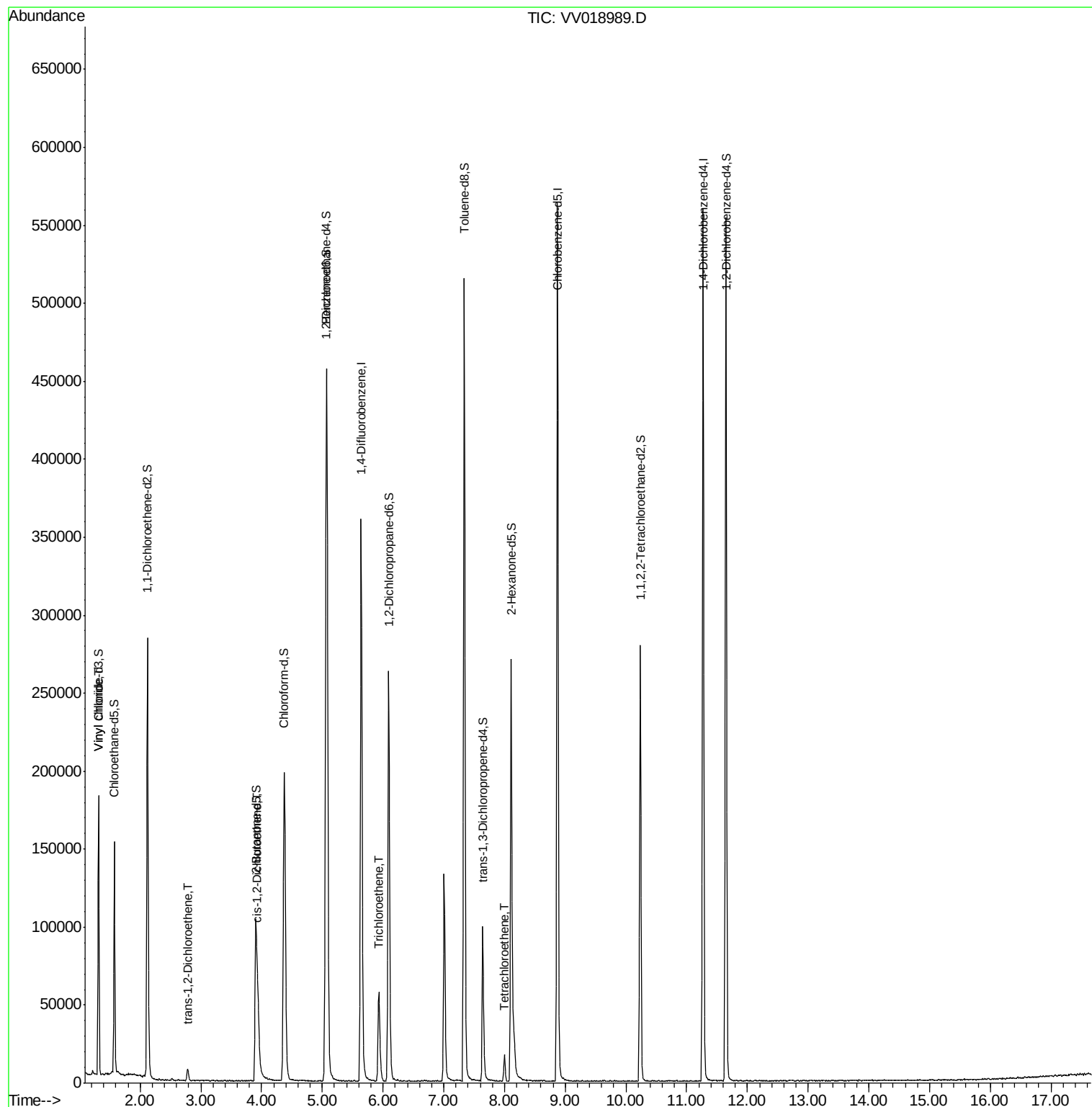
					Ovalue
5) Vinyl chloride	1.32	62	18257	6.571 ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	2672	1.244 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	15943	7.002 ug/L	87
34) Trichloroethene	5.94	95	7910	3.045 ug/L	87
46) Tetrachloroethene	8.00	164	3961	2.164 ug/L	87

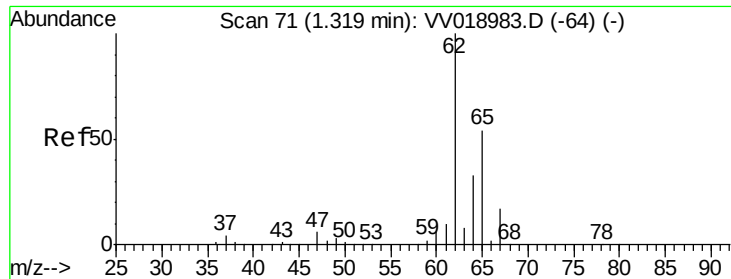
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 6.571 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018989.D

Acq: 20 Oct 2020 01:09

Instrument :

MSVOA_V

ClientSampled :

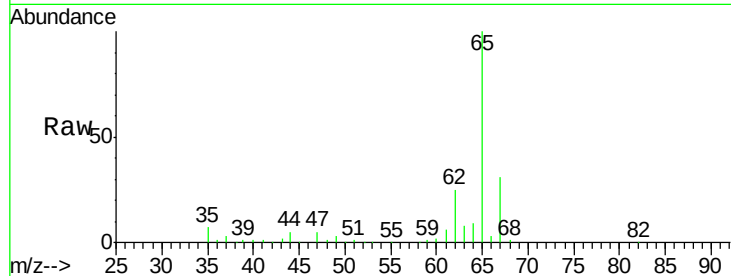
C0AB1

Tot Ion: 62 Resp: 18257

Ion Ratio Lower Upper

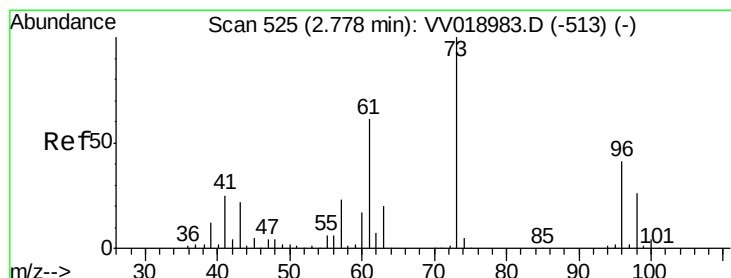
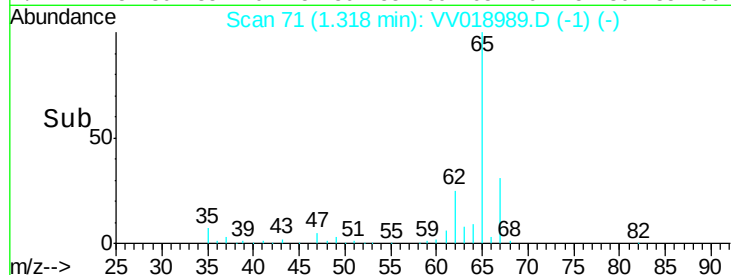
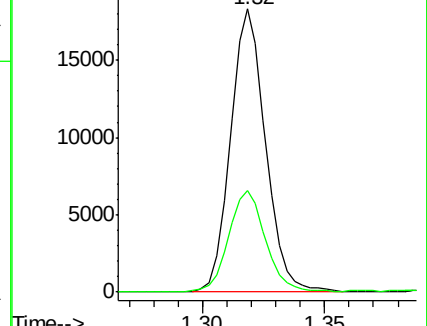
62 100

64 35.8 23.2 43.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 1.244 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018989.D

Acq: 20 Oct 2020 01:09

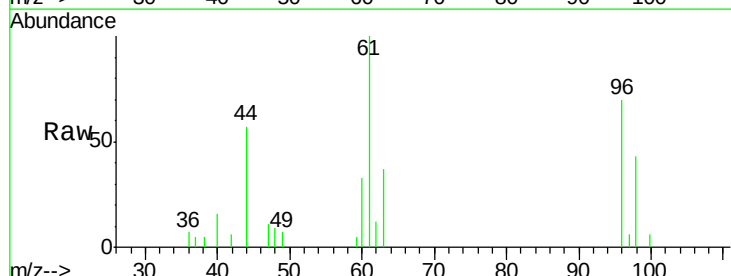
Tgt Ion: 96 Resp: 2672

Ion Ratio Lower Upper

96 100

61 142.7 102.8 190.8

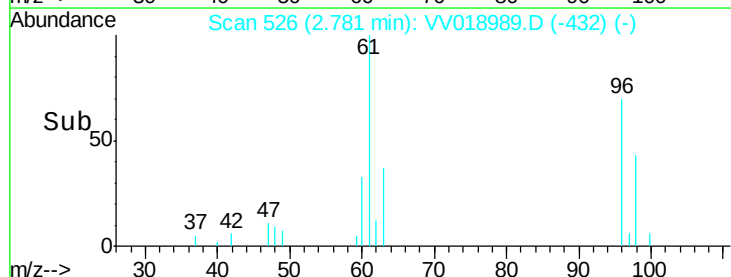
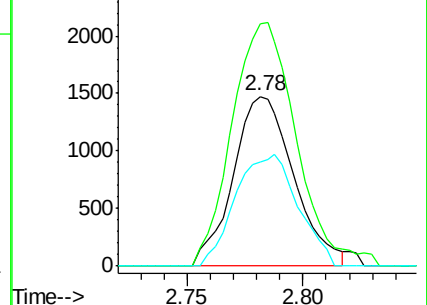
98 61.2 44.0 81.6

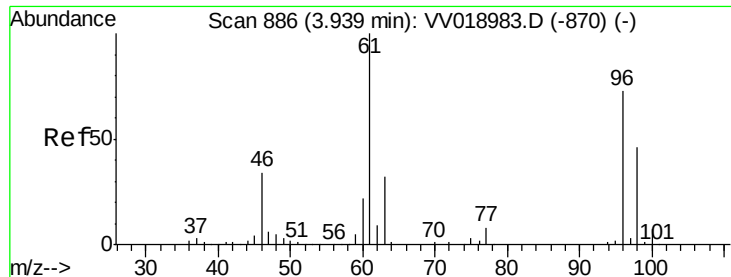


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

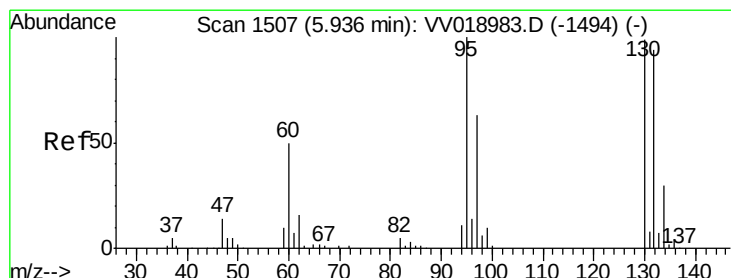
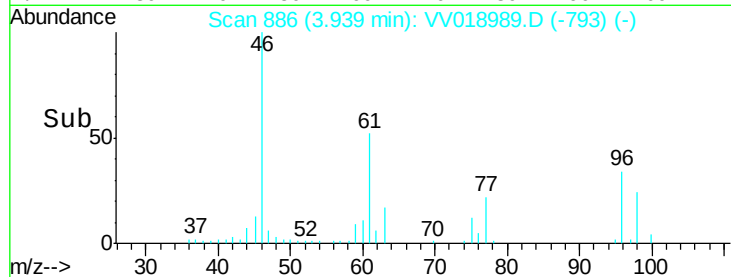
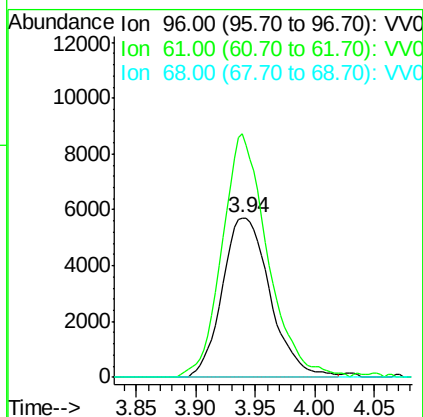
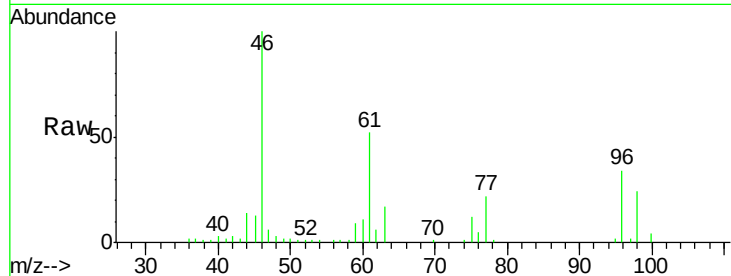




#20
 cis-1,2-Dichloroethene
 Concen: 7.002 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV018989.D
 Acq: 20 Oct 2020 01:09

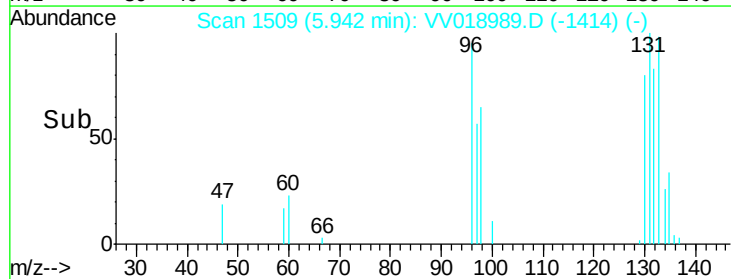
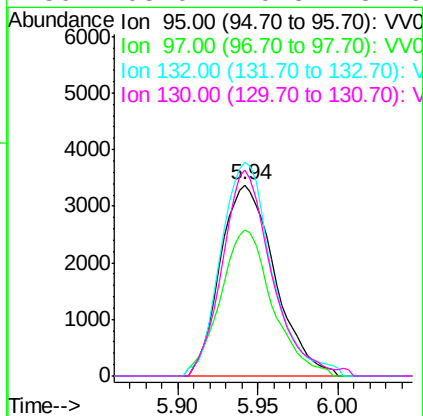
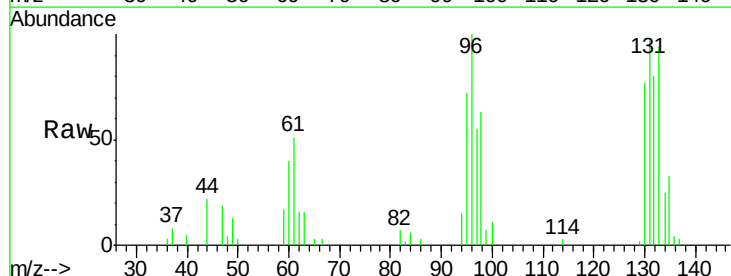
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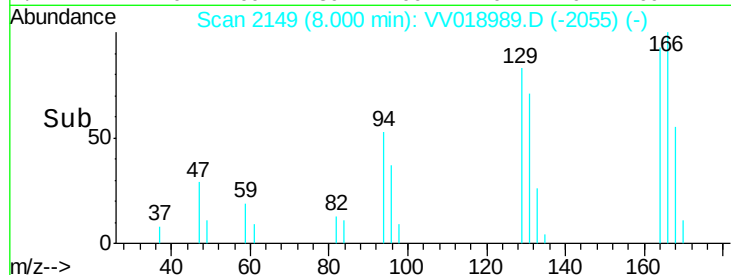
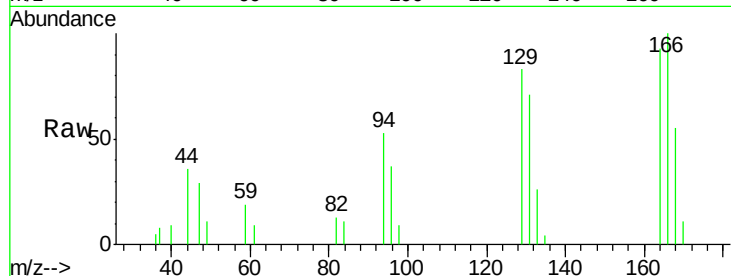
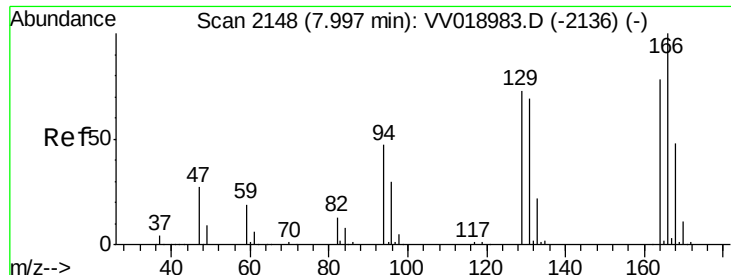
Tot Ion: 96 Resp: 15943
 Ion Ratio Lower Upper
 96 100
 61 152.6 96.1 178.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.045 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018989.D
 Acq: 20 Oct 2020 01:09

Tgt Ion: 95 Resp: 7910
 Ion Ratio Lower Upper
 95 100
 97 76.8 44.7 82.9
 132 111.9 67.0 124.4
 130 108.0 70.8 131.6





#46

Tetrachloroethene

Concen: 2.164 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018989.D

Acq: 20 Oct 2020 01:09

Instrument :

MSVOA_V

ClientSampleId :

C0AB1

Tot Ion:164 Resp: 3961

Ion Ratio Lower Upper

164 100

129 89.5 65.0 120.8

131 77.0 62.9 116.7

166 108.0 91.1 169.3

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

