

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017352.D
 Acq On : 06 Jul 2020 15:17
 Operator : SY/MD
 Sample : L3154-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4308

Quant Time: Jul 07 03:05:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	174978	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167909	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82565	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44015	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	37849	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	65489	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.93	46	125406	46.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.70%
24) Chloroform-d	4.38	84	104866	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	59514	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.08	84	183541	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
36) 1,2-Dichloropropane-d6	6.10	67	54519	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.34	98	166254	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
45) trans-1,3-Dichloropropene-	7.64	79	21045	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
48) 2-Hexanone-d5	8.11	63	84097	40.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.28%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39811	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	72812	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

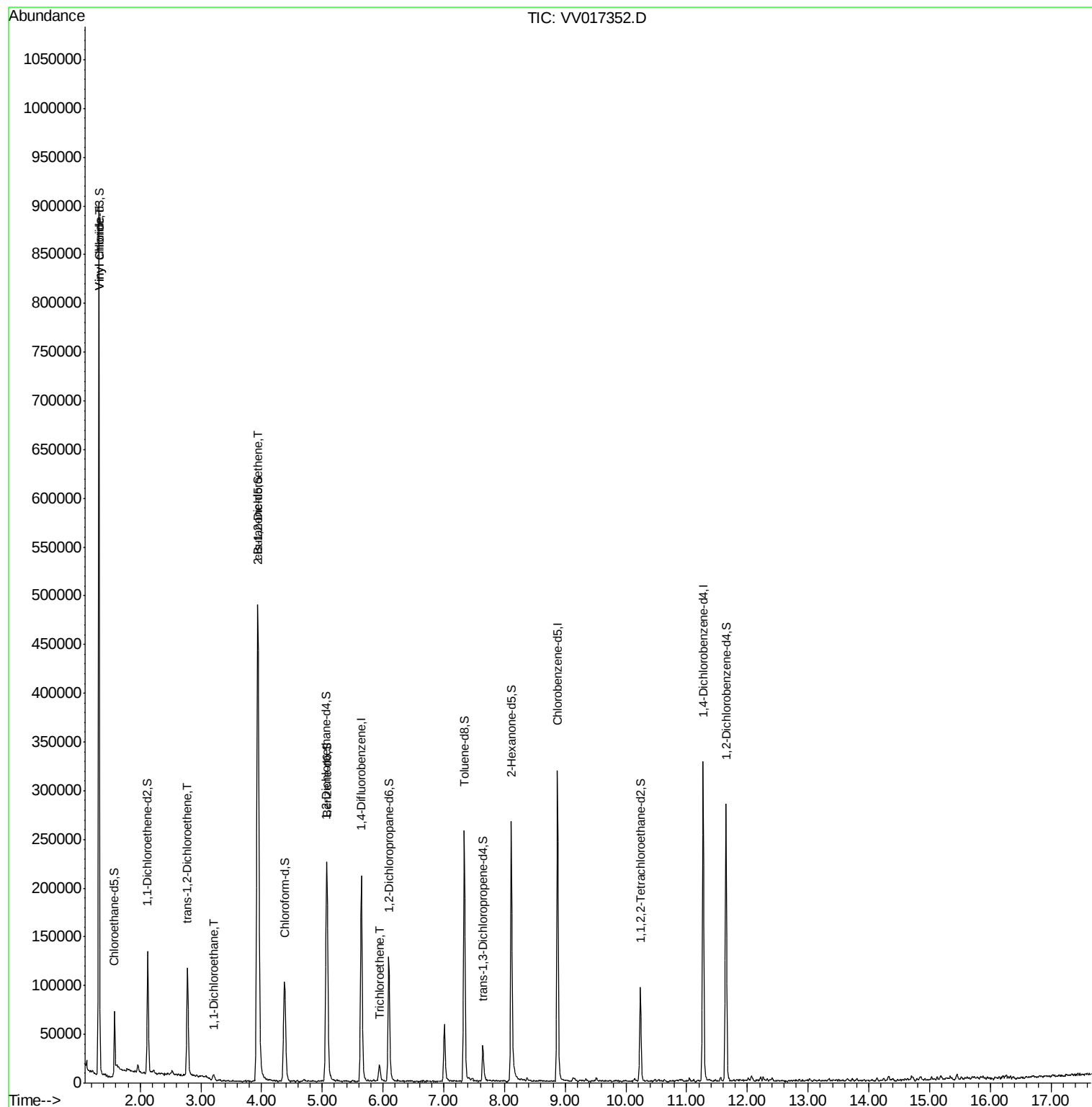
					Ovalue
5) Vinyl chloride	1.32	62	503370	43.840	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	38876	4.369	ug/L 98
19) 1,1-Dichloroethane	3.20	63	5389	0.270	ug/L 93
22) cis-1,2-Dichloroethene	3.94	96	239032	19.642	ug/L 99
34) Trichloroethene	5.95	95	5915	0.459	ug/L 96

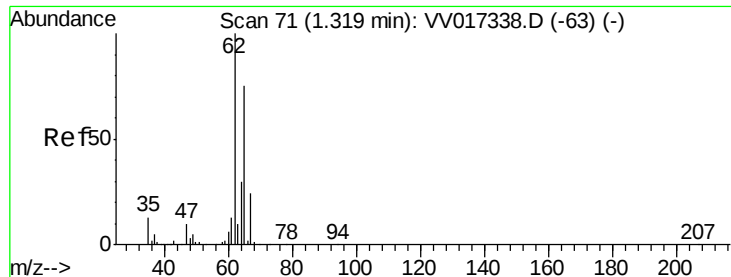
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 43.840 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017352.D

Acq: 06 Jul 2020 15:17

Instrument :

MSVOA_V

ClientSampled :

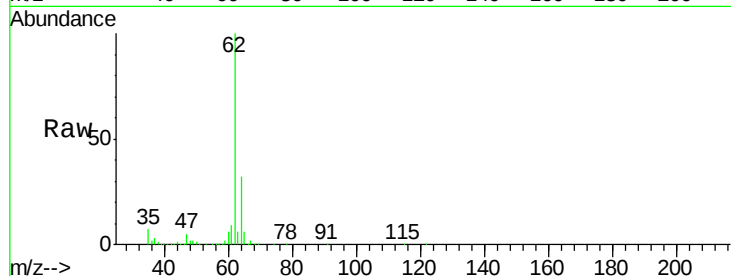
H4308

Tot Ion: 62 Resp: 503370

Ion Ratio Lower Upper

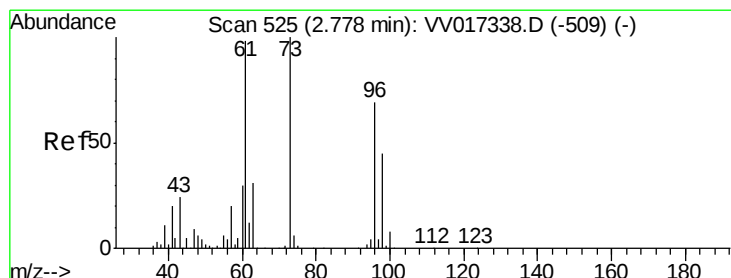
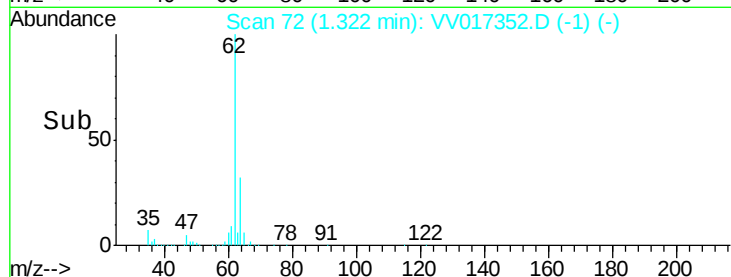
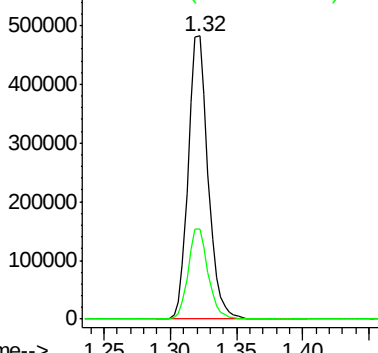
62 100

64 32.0 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 4.369 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV017352.D

Acq: 06 Jul 2020 15:17

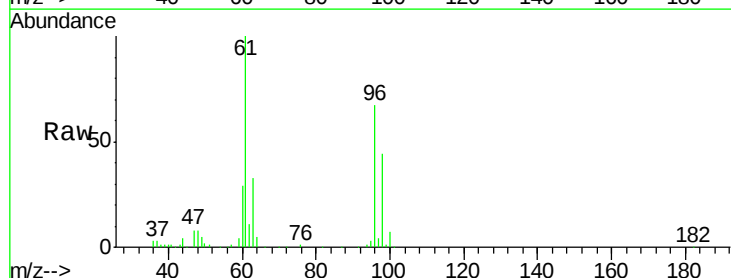
Tgt Ion: 96 Resp: 38876

Ion Ratio Lower Upper

96 100

61 148.8 102.3 189.9

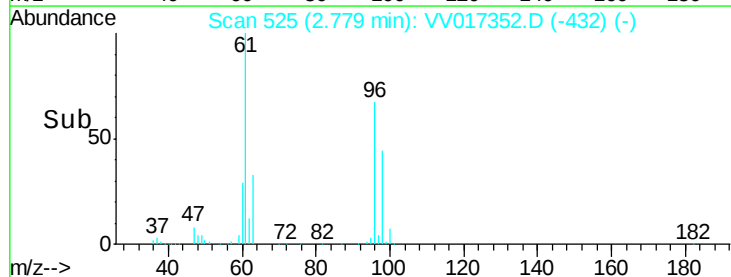
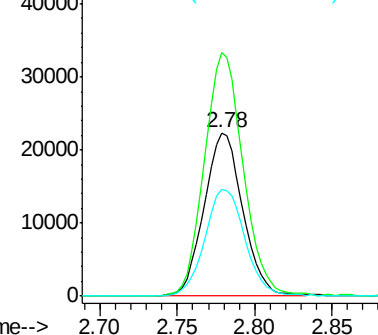
98 65.2 44.7 82.9

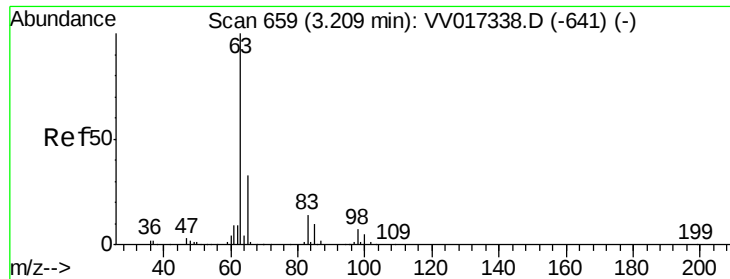


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

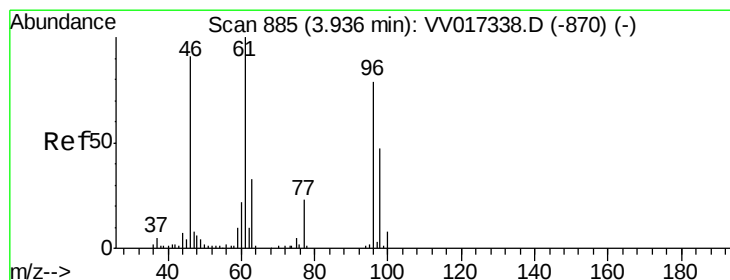
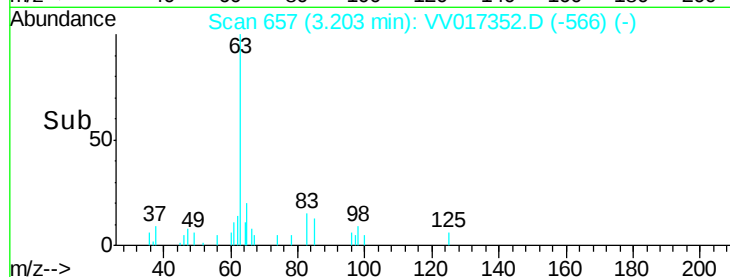
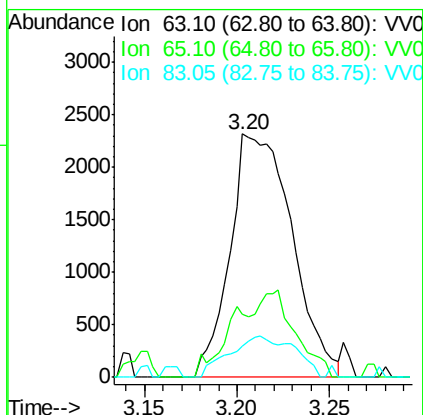
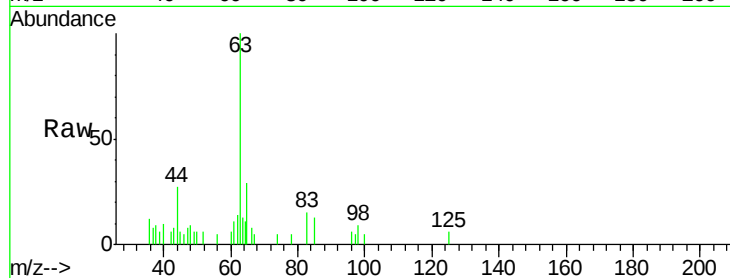




#19
 1,1-Dichloroethane
 Concen: 0.270 ug/L
 RT: 3.20 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VV017352.D
 Acq: 06 Jul 2020 15:17

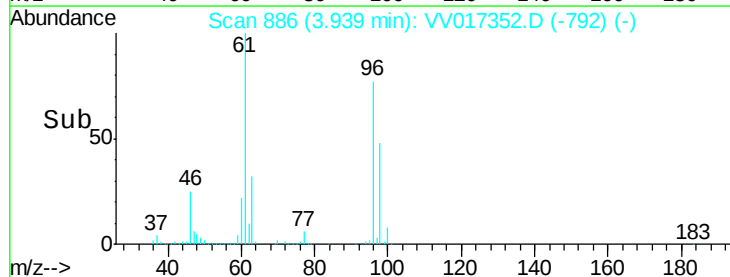
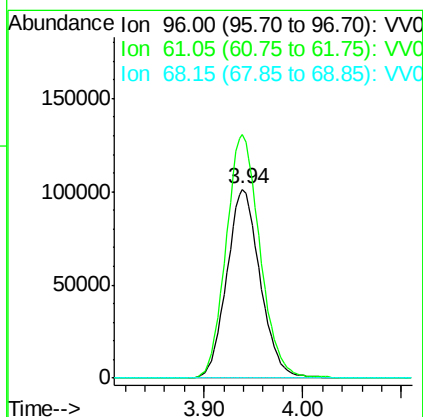
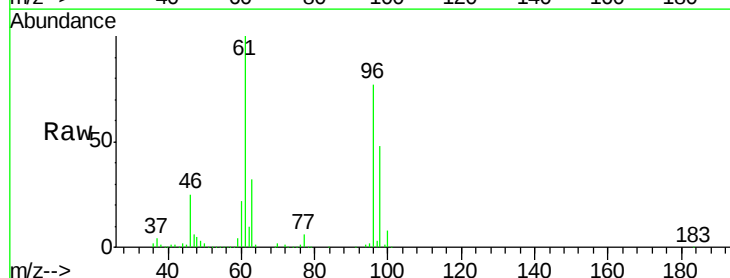
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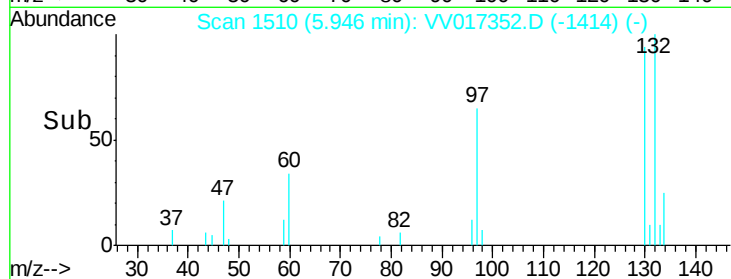
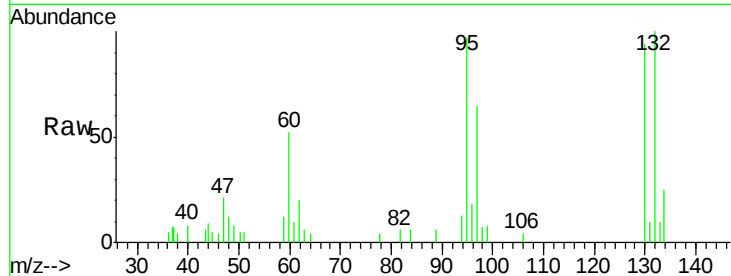
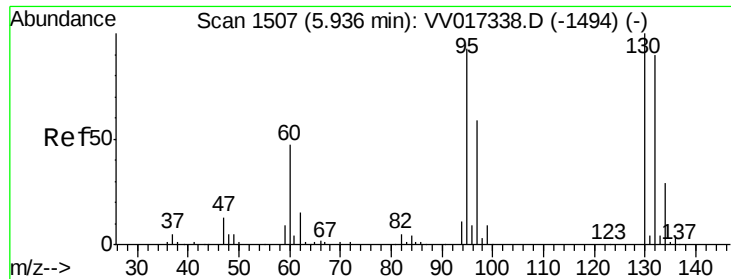
Tot Ion	Ratio	Lower	Upper
63	100		
65	26.0	21.8	40.4
83	12.9	9.7	17.9



#22
 cis-1,2-Dichloroethene
 Concen: 19.642 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017352.D
 Acq: 06 Jul 2020 15:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	129.1	91.0	169.0
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 0.459 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV017352.D

Acq: 06 Jul 2020 15:17

Instrument :

MSVOA_V

ClientSampleId :

H4308

Tot Ion: 95 Resp: 5915

Ion Ratio Lower Upper

95 100

97 66.7 45.3 84.1

132 103.3 68.8 127.8

130 96.8 70.2 130.4

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

