

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017348.D
 Acq On : 06 Jul 2020 13:41
 Operator : SY/MD
 Sample : L3154-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4271

Quant Time: Jul 07 02:24:03 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	162120	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158384	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	77734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41195	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.58	69	35203	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.13	63	61492	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.93	46	118683	47.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.72%
24) Chloroform-d	4.38	84	98072	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	56620	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.08	84	174130	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.10	67	52778	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.34	98	149817	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
45) trans-1,3-Dichloropropene-	7.65	79	18437	3.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.00%
48) 2-Hexanone-d5	8.11	63	79639	40.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38851	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	66414	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

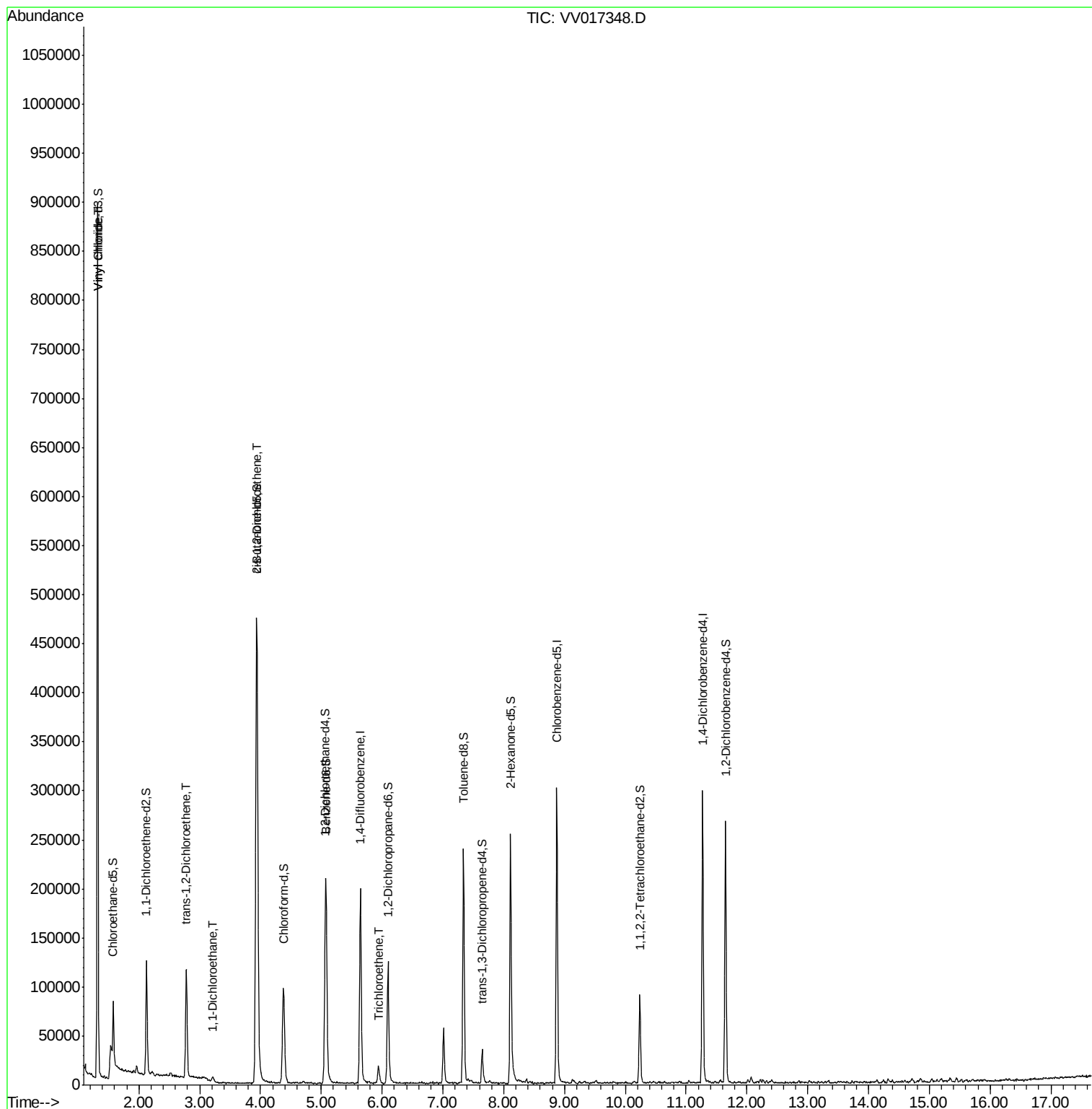
					Ovalue
5) Vinyl chloride	1.32	62	492531	46.298 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	38396	4.657 ug/L	96
19) 1,1-Dichloroethane	3.22	63	5172	0.279 ug/L #	88
22) cis-1,2-Dichloroethene	3.94	96	234812	20.826 ug/L	98
34) Trichloroethene	5.94	95	5951	0.490 ug/L	94

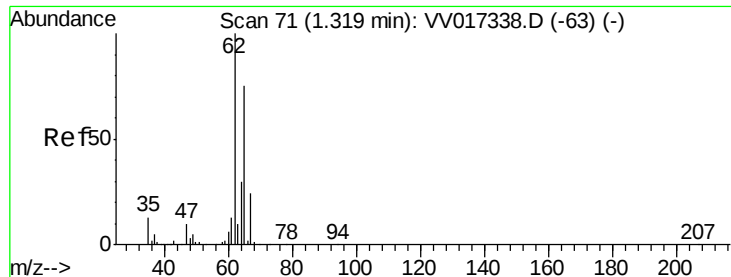
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 46.298 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017348.D

Acq: 06 Jul 2020 13:41

Instrument :

MSVOA_V

ClientSampleId :

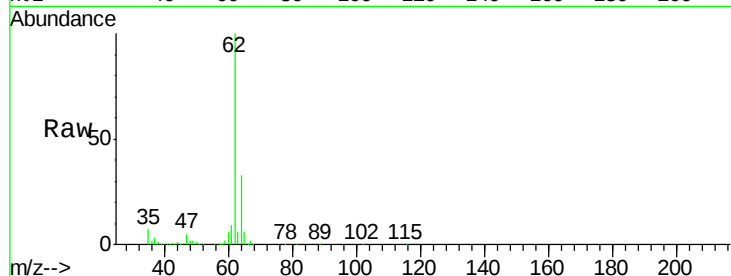
H4271

Tot Ion: 62 Resp: 492531

Ion Ratio Lower Upper

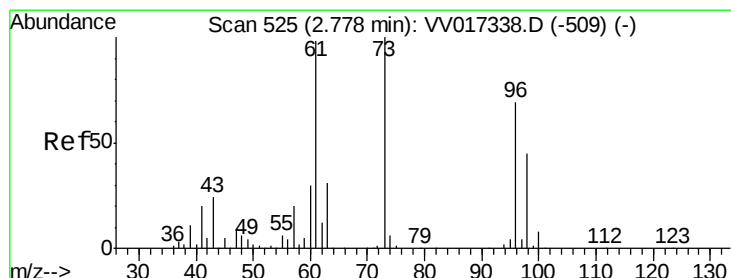
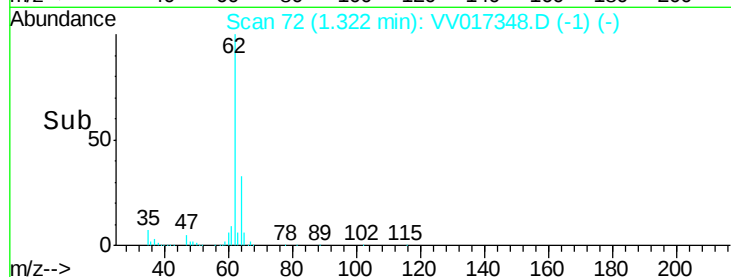
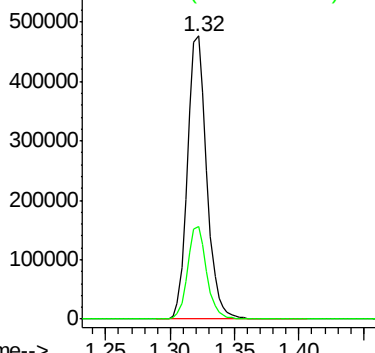
62 100

64 32.8 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: 4.657 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017348.D

Acq: 06 Jul 2020 13:41

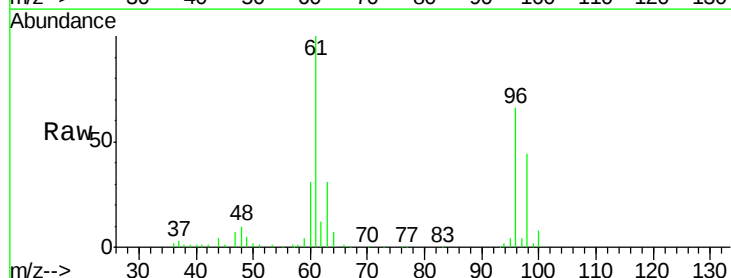
Tgt Ion: 96 Resp: 38396

Ion Ratio Lower Upper

96 100

61 151.3 102.3 189.9

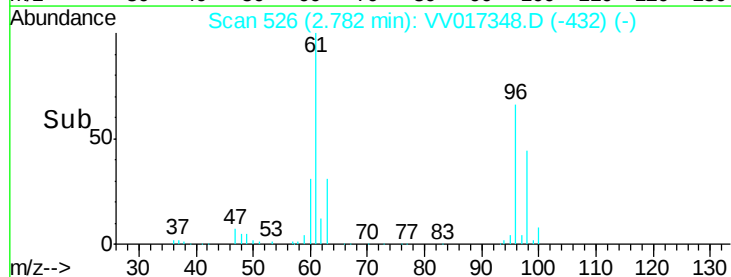
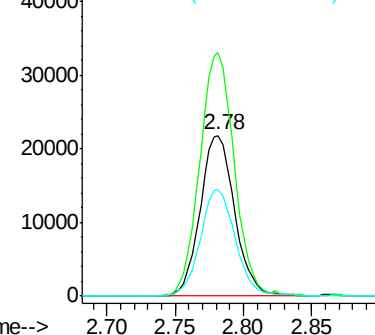
98 66.1 44.7 82.9

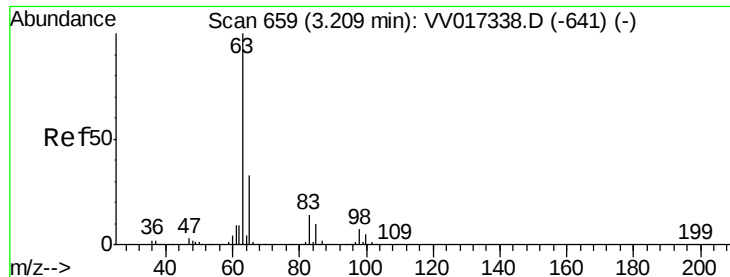


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

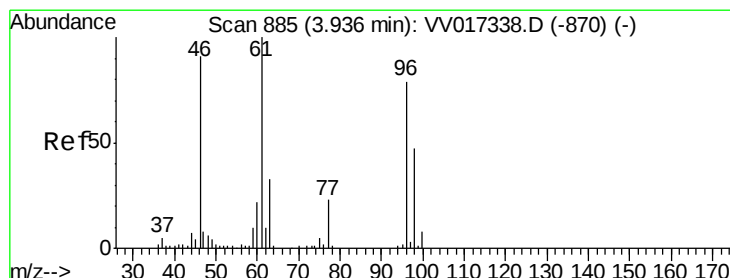
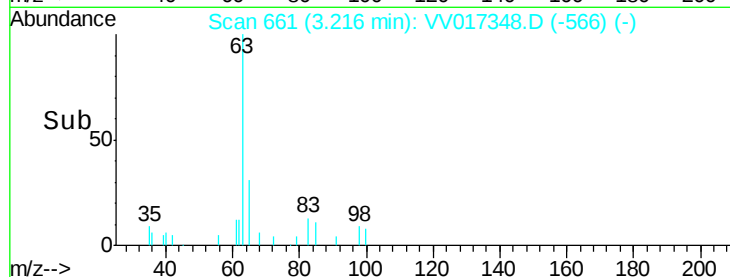
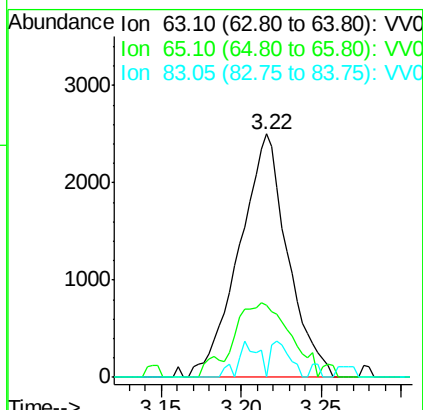
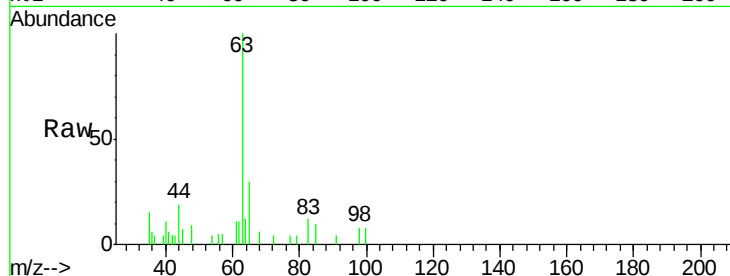




#19
 1,1-Dichloroethane
 Concen: 0.279 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV017348.D
 Acq: 06 Jul 2020 13:41

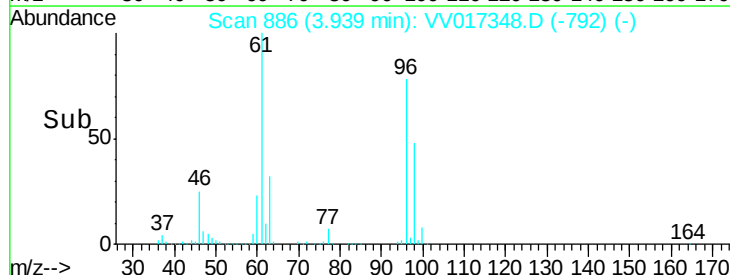
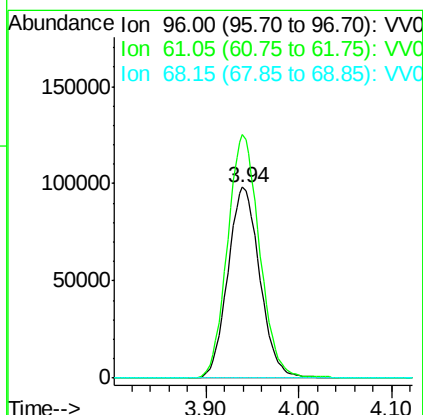
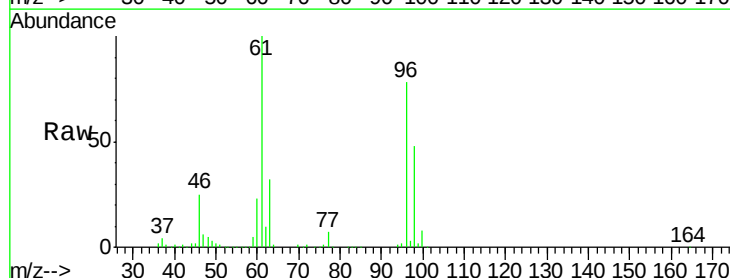
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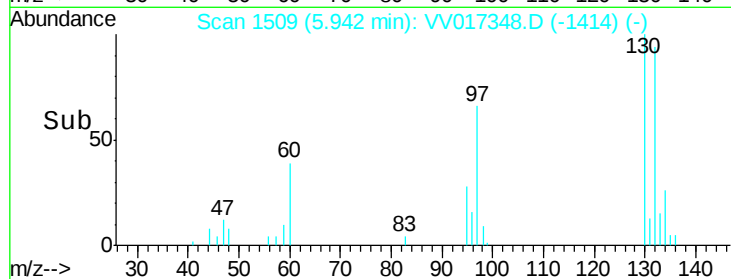
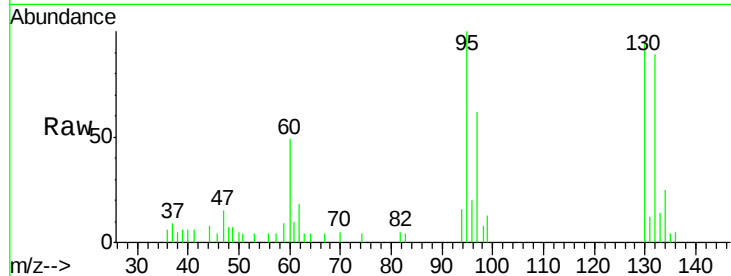
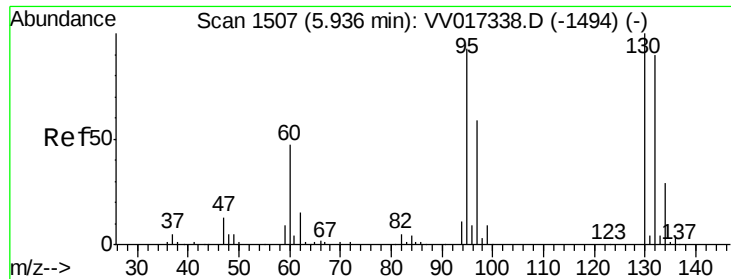
Tot Ion: 63 Resp: 5172
 Ion Ratio Lower Upper
 63 100
 65 29.5 21.8 40.4
 83 0.0 9.7 17.9#



#22
 cis-1,2-Dichloroethene
 Concen: 20.826 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017348.D
 Acq: 06 Jul 2020 13:41

Tgt Ion: 96 Resp: 234812
 Ion Ratio Lower Upper
 96 100
 61 127.7 91.0 169.0
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.490 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017348.D

Acq: 06 Jul 2020 13:41

Instrument :

MSVOA_V

ClientSampleId :

H4271

Tot Ion: 95 Resp: 5951

Ion Ratio Lower Upper

95 100

97 62.3 45.3 84.1

132 89.4 68.8 127.8

130 94.7 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

