

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017375.D
 Acq On : 07 Jul 2020 13:50
 Operator : SY/MD
 Sample : L3154-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4308

Quant Time: Jul 08 02:56:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161576	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157985	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79121	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43881	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.58	69	34064	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.13	63	66785	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.92	46	102596	41.51	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.02%
24) Chloroform-d	4.38	84	94860	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.06	65	52397	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.08	84	170301	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.10	67	47039	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.34	98	152951	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
45) trans-1,3-Dichloropropene-	7.65	79	20783	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.11	63	69056	35.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34766	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	64194	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

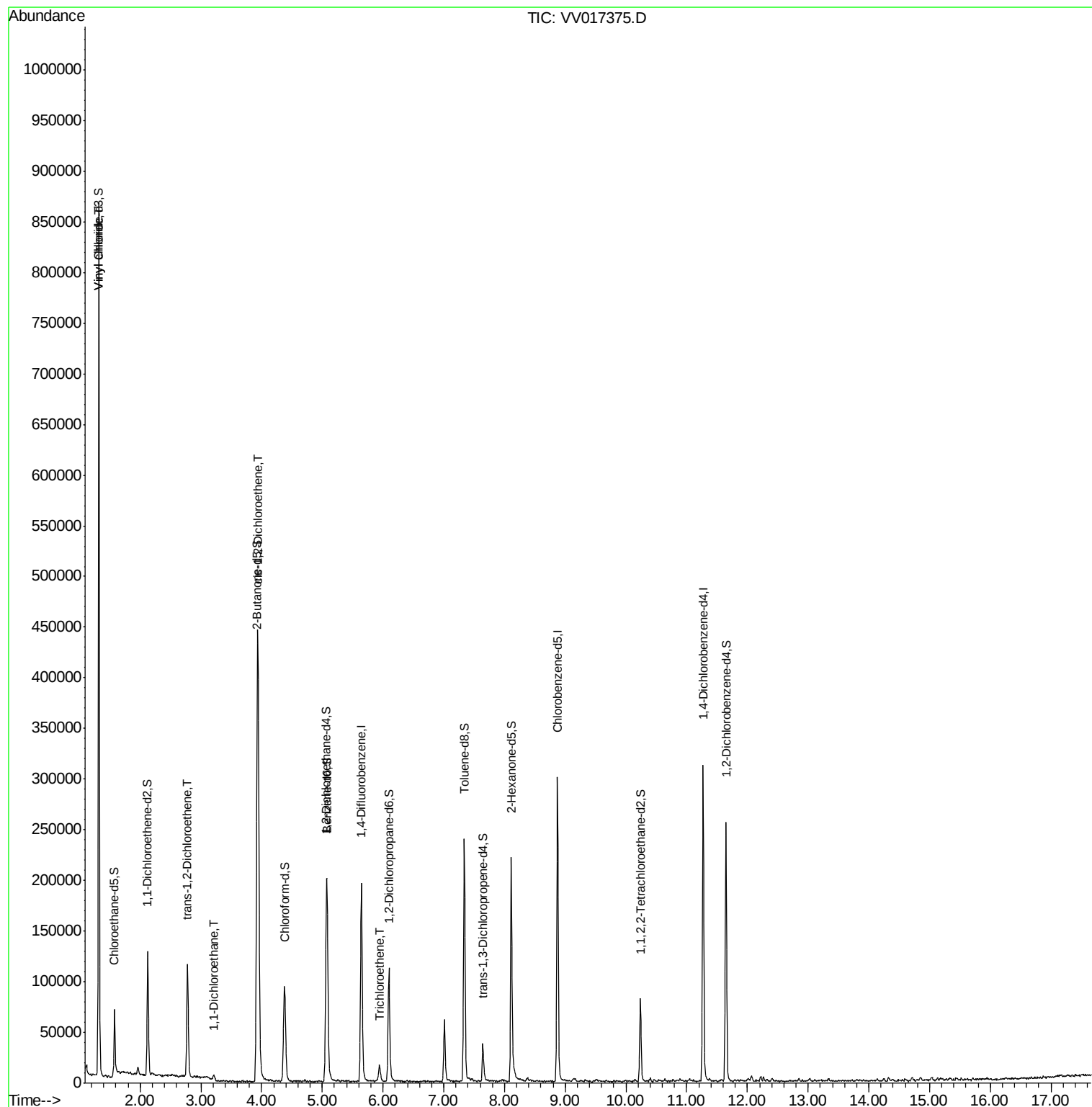
					Ovalue
5) Vinyl chloride	1.32	62	480102	45.282	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	39611	4.820	ug/L 97
19) 1,1-Dichloroethane	3.22	63	5239	0.284	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	227019	20.203	ug/L 99
34) Trichloroethene	5.94	95	4952	0.409	ug/L 94

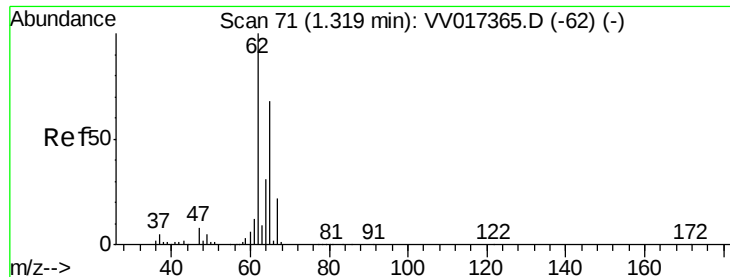
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 45.282 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017375.D

Acq: 07 Jul 2020 13:50

Instrument :

MSVOA_V

ClientSampleId :

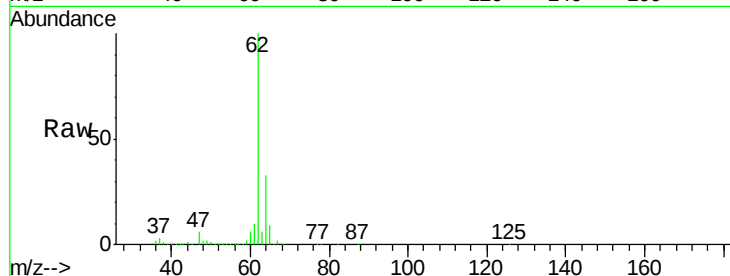
H4308

Tot Ion: 62 Resp: 480102

Ion Ratio Lower Upper

62 100

64 32.6 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

500000

400000

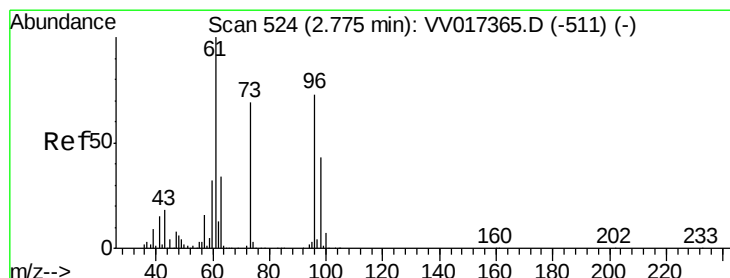
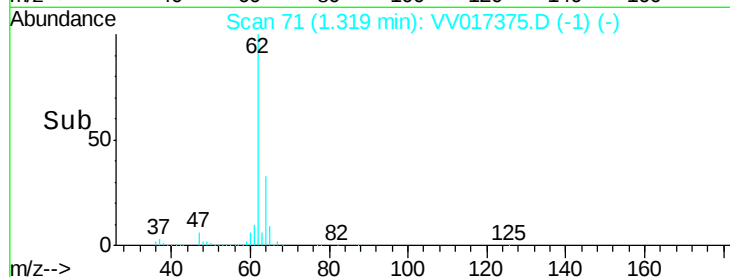
300000

200000

100000

0

Time--> 1.25 1.30 1.35 1.40



#18

trans-1,2-Dichloroethene

Concen: 4.820 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

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Acq: 07 Jul 2020 13:50

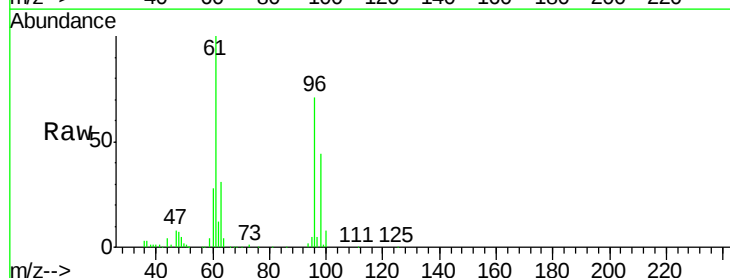
Tgt Ion: 96 Resp: 39611

Ion Ratio Lower Upper

96 100

61 141.3 102.3 189.9

98 62.0 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

40000

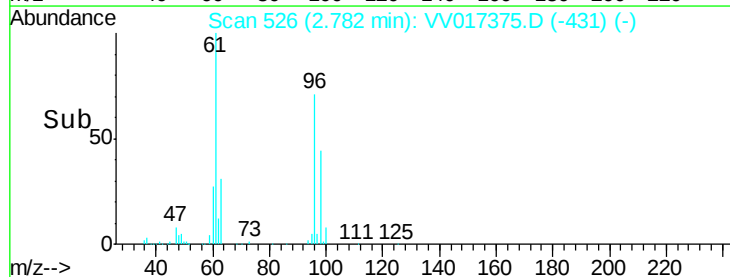
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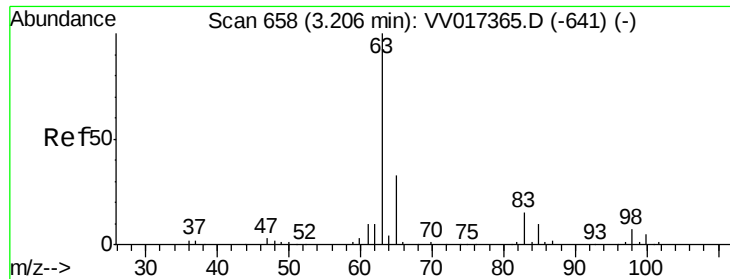
20000

10000

0

Time--> 2.70 2.75 2.80 2.85

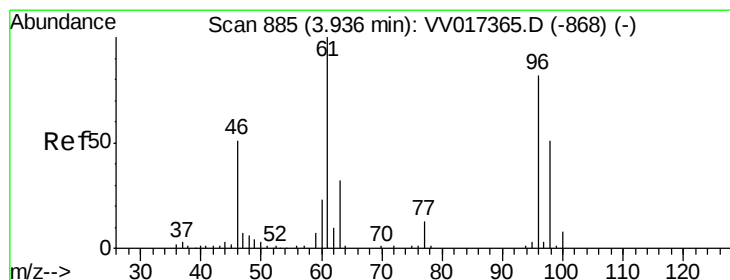
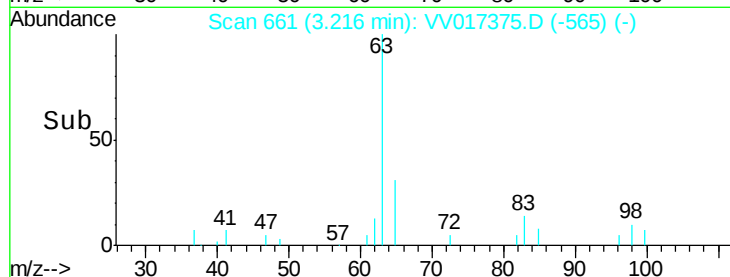
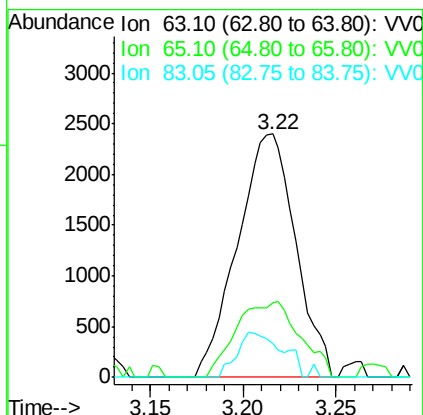
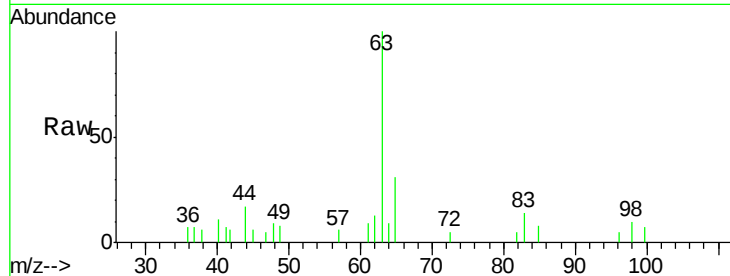




#19
 1,1-Dichloroethane
 Concen: 0.284 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV017375.D
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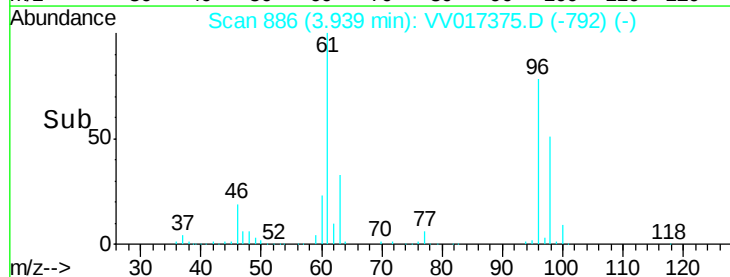
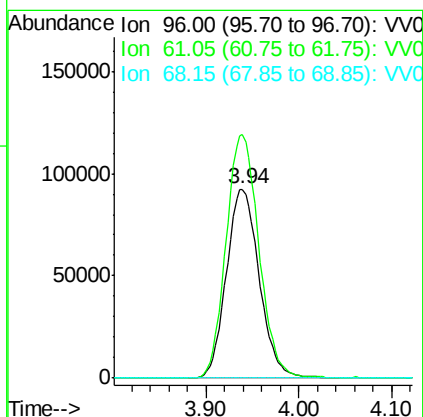
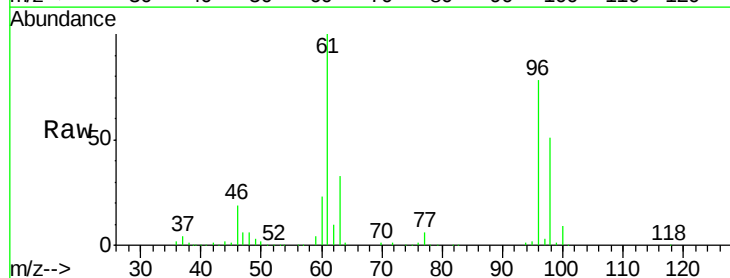
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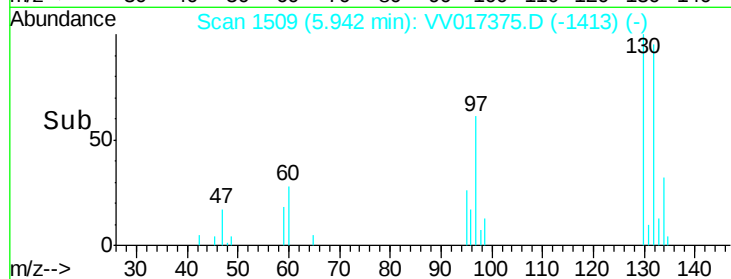
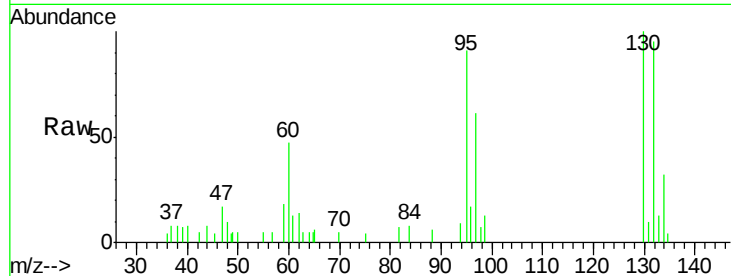
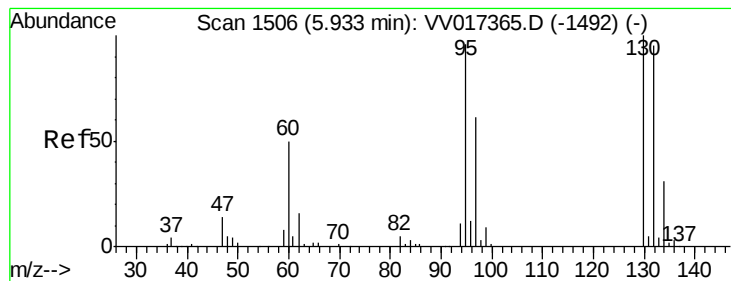
Tot Ion:	63	Resp:	5239
Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.8	40.4
83	13.6	9.7	17.9



#22
 cis-1,2-Dichloroethene
 Concen: 20.203 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017375.D
 Acq: 07 Jul 2020 13:50

Tgt Ion:	96	Resp:	227019
Ion	Ratio	Lower	Upper
96	100		
61	129.0	91.0	169.0
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 0.409 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017375.D

Acq: 07 Jul 2020 13:50

Instrument :

MSVOA_V

ClientSampleId :

H4308

Tot Ion: 95 Resp: 4952

Ion Ratio Lower Upper

95 100

97 66.6 45.3 84.1

132 104.1 68.8 127.8

130 110.0 70.2 130.4

