

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017402.D
 Acq On : 09 Jul 2020 16:49
 Operator : SY/MD
 Sample : L3254-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A51

Quant Time: Jul 10 04:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 04:00:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	222612	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	209247	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	104558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55719	48.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.16%
7) Chloroethane-d5	1.58	69	40403	49.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.26%
11) 1,1-Dichloroethene-d2	2.12	63	93501	35.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	3.90	46	82893	104.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.38	84	130585	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
26) 1,2-Dichloroethane-d4	5.06	65	94053	51.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.24%
32) Benzene-d6	5.08	84	233731	51.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.42%
36) 1,2-Dichloropropane-d6	6.09	67	66985	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.34	98	216214	49.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.50%
43) trans-1,3-Dichloropropene-	7.64	79	37490	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.96%
47) 2-Hexanone-d5	8.11	63	52810	98.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	91647	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	93895	53.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.42%

Target Compounds

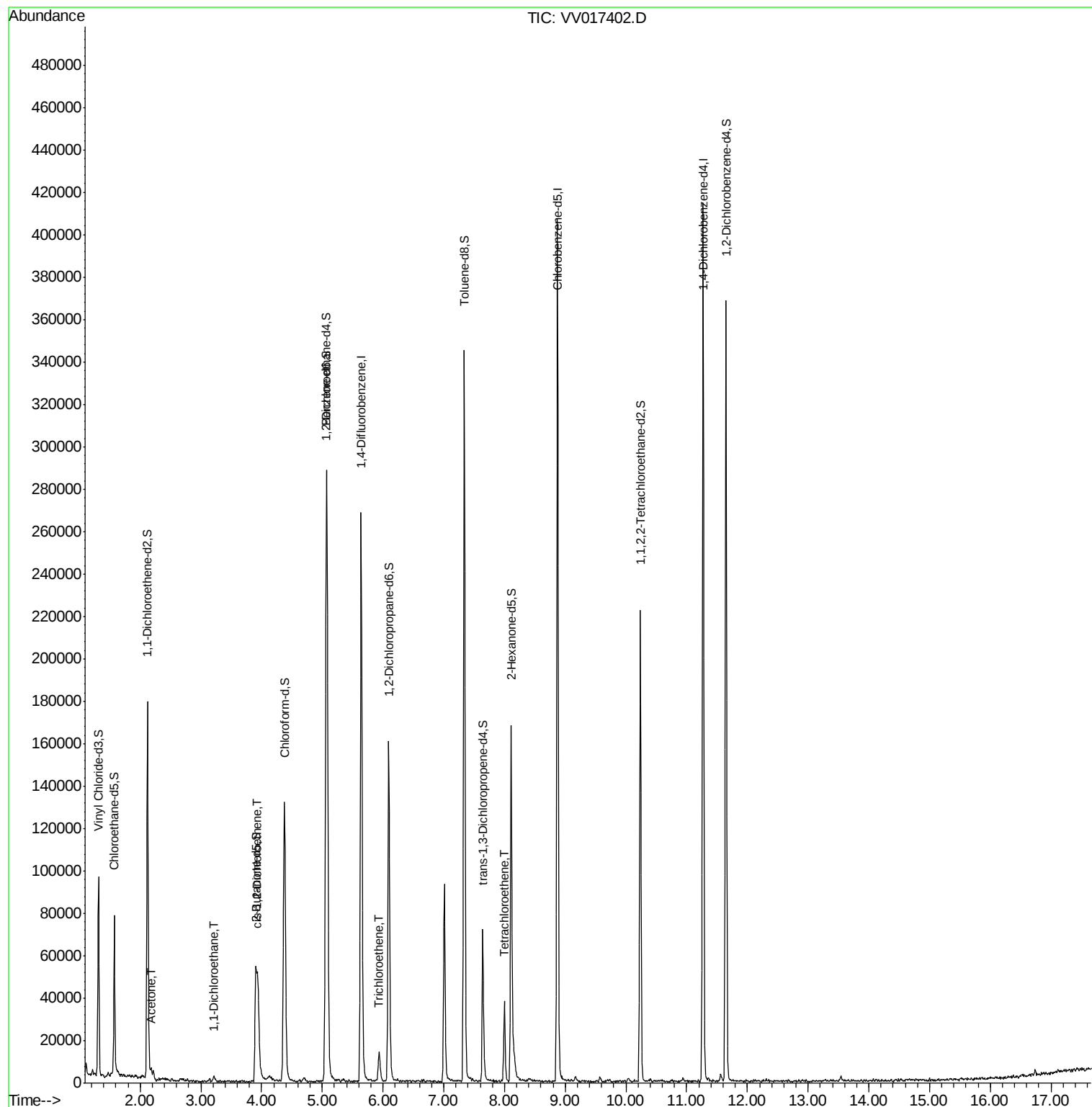
					Ovalue
13) Acetone	2.19	43	5775	5.360 ug/L	99
19) 1,1-Dichloroethane	3.22	63	2197	0.822 ug/L	95
20) cis-1,2-Dichloroethene	3.94	96	19692	12.640 ug/L	96
34) Trichloroethene	5.94	95	2516	1.532 ug/L	91
46) Tetrachloroethene	8.00	164	8261	5.991 ug/L	90

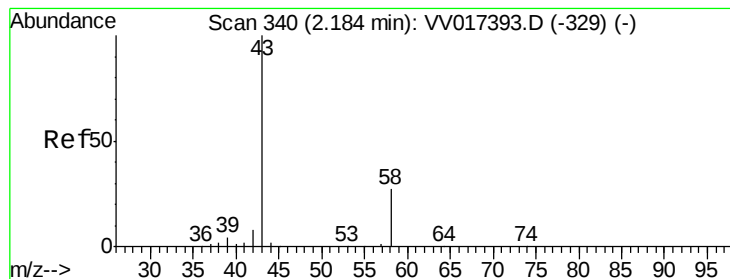
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.360 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017402.D

Acq: 09 Jul 2020 16:49

Instrument :

MSVOA_V

ClientSampled :

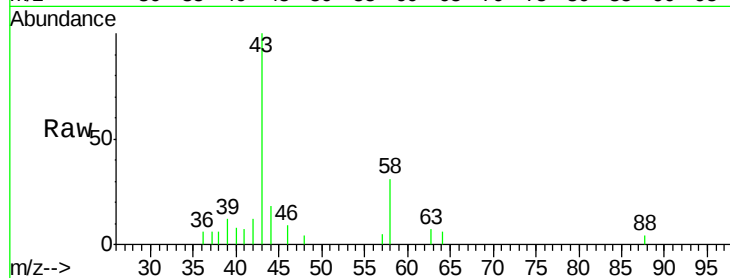
F4A51

Tot Ion: 43 Resp: 5775

Ion Ratio Lower Upper

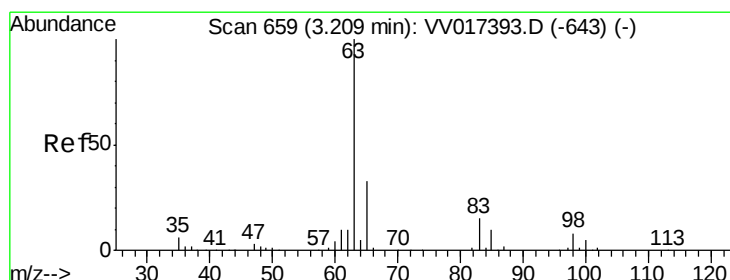
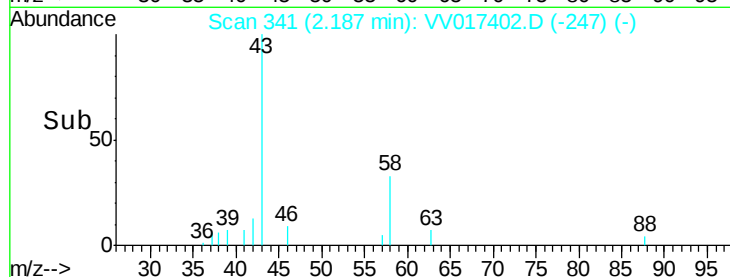
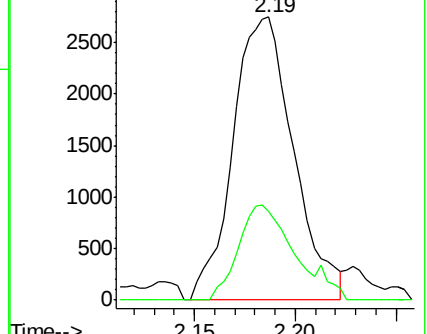
43 100

58 28.6 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#19

1,1-Dichloroethane

Concen: 0.822 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017402.D

Acq: 09 Jul 2020 16:49

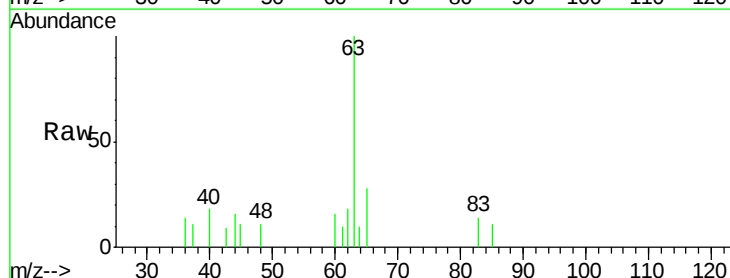
Tgt Ion: 63 Resp: 2197

Ion Ratio Lower Upper

63 100

65 27.8 22.1 41.1

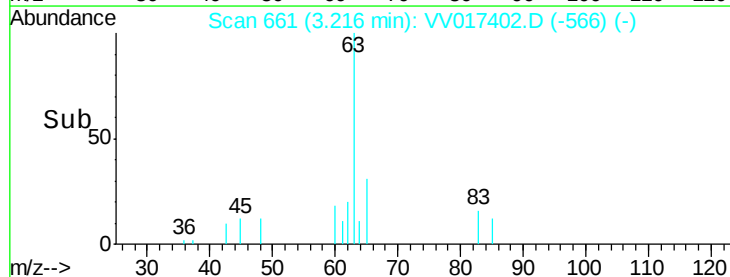
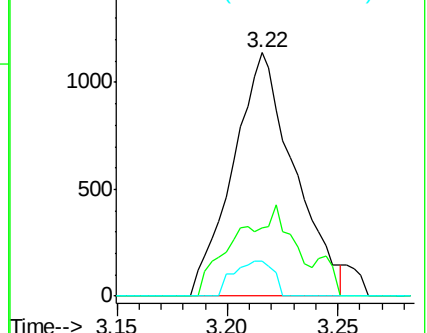
83 14.3 10.1 18.9

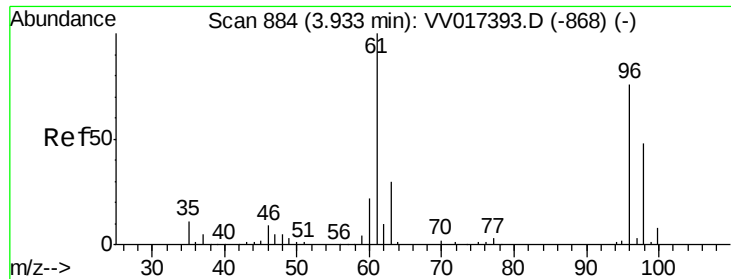


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



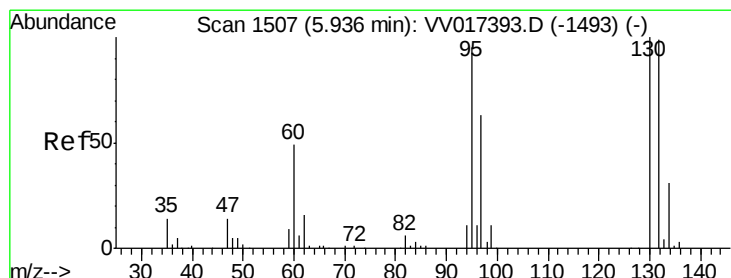
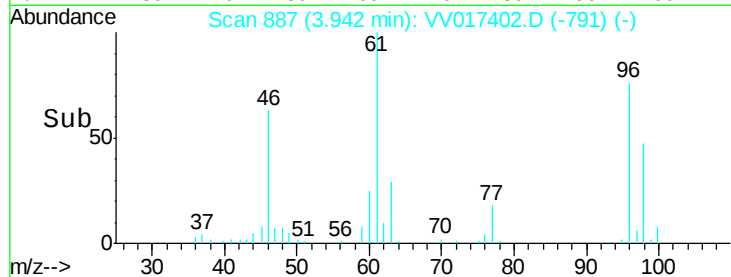
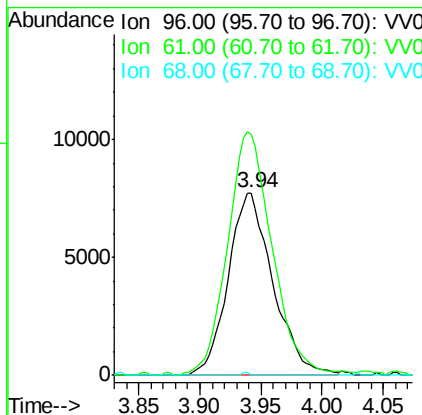
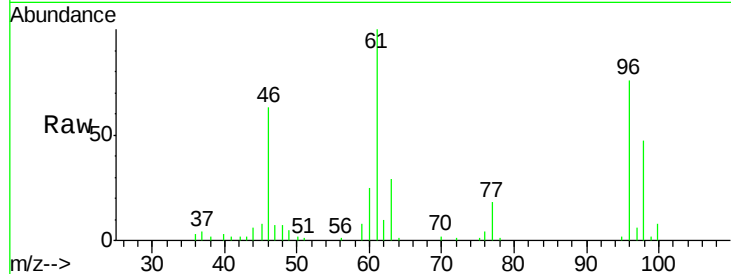


#20

cis-1,2-Dichloroethene
 Concen: 12.640 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017402.D
 Acq: 09 Jul 2020 16:49

Instrument :
 MSVOA_V
 ClientSampled :
 F4A51

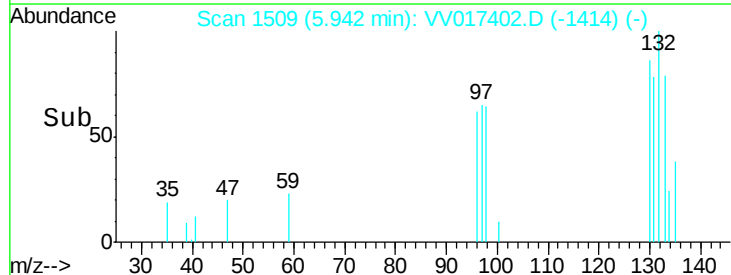
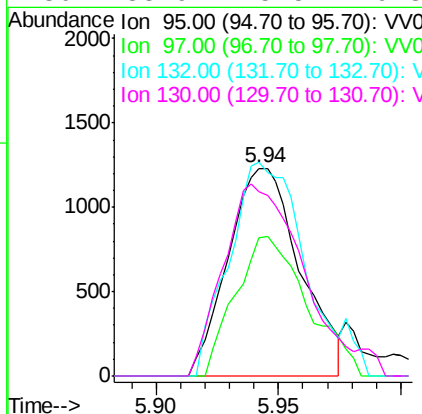
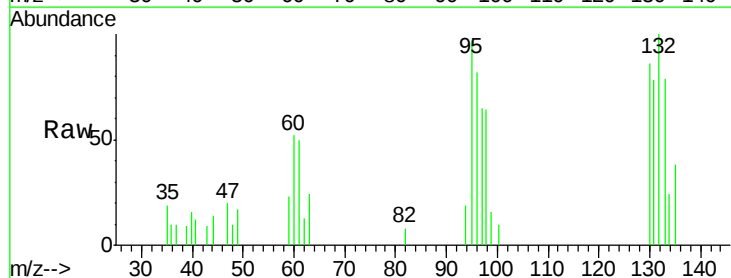
Tot Ion: 96 Resp: 19692
 Ion Ratio Lower Upper
 96 100
 61 132.1 88.9 165.1
 68 0.0 0.0 0.0

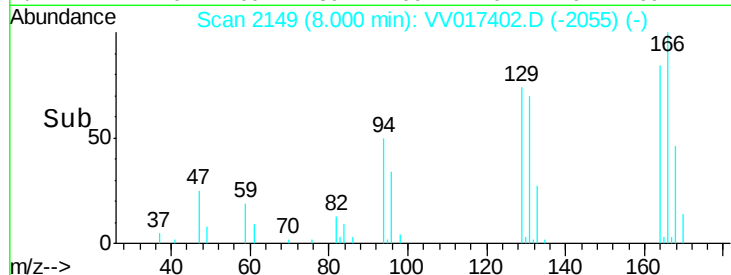
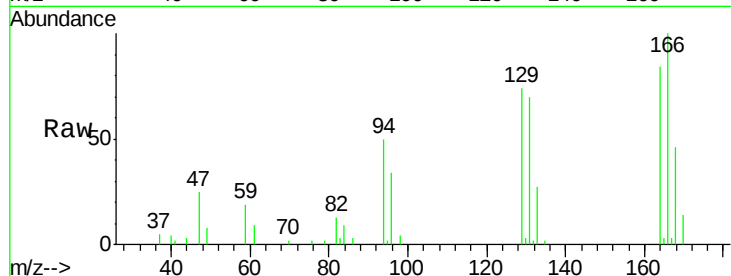
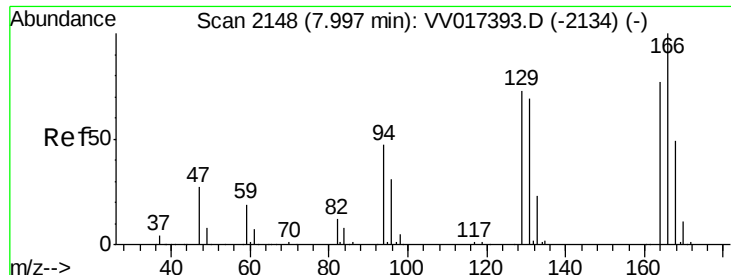


#34

Trichloroethene
 Concen: 1.532 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017402.D
 Acq: 09 Jul 2020 16:49

Tgt Ion: 95 Resp: 2516
 Ion Ratio Lower Upper
 95 100
 97 66.6 45.6 84.6
 132 102.9 74.1 137.5
 130 88.9 75.5 140.3





#46

Tetrachloroethene

Concen: 5.991 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV017402.D

Acq: 09 Jul 2020 16:49

Instrument :

MSVOA_V

ClientSampleId :

F4A51

Tot Ion:164 Resp: 8261

Ion Ratio Lower Upper

164 100

129 88.6 66.6 123.8

131 83.3 65.5 121.7

166 119.7 93.9 174.5

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

