

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017424.D
 Acq On : 10 Jul 2020 01:43
 Operator : SY/MD
 Sample : L3253-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A37

Quant Time: Jul 10 05:52:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 10 05:13:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	281873	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	263991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	128678	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58043	39.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.10%
7) Chloroethane-d5	1.58	69	43359	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.12%
11) 1,1-Dichloroethene-d2	2.12	63	97835	29.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.90%#
21) 2-Butanone-d5	3.91	46	88374	88.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.17%
24) Chloroform-d	4.38	84	140491	41.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.78%
26) 1,2-Dichloroethane-d4	5.06	65	104923	45.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.08%
32) Benzene-d6	5.08	84	254577	44.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.28%
36) 1,2-Dichloropropane-d6	6.09	67	74428	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.64%
41) Toluene-d8	7.34	98	234852	42.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.68%
43) trans-1,3-Dichloropropene-	7.64	79	40449	42.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.64%
47) 2-Hexanone-d5	8.11	63	59267	87.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98428	42.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	99713	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%

Target Compounds

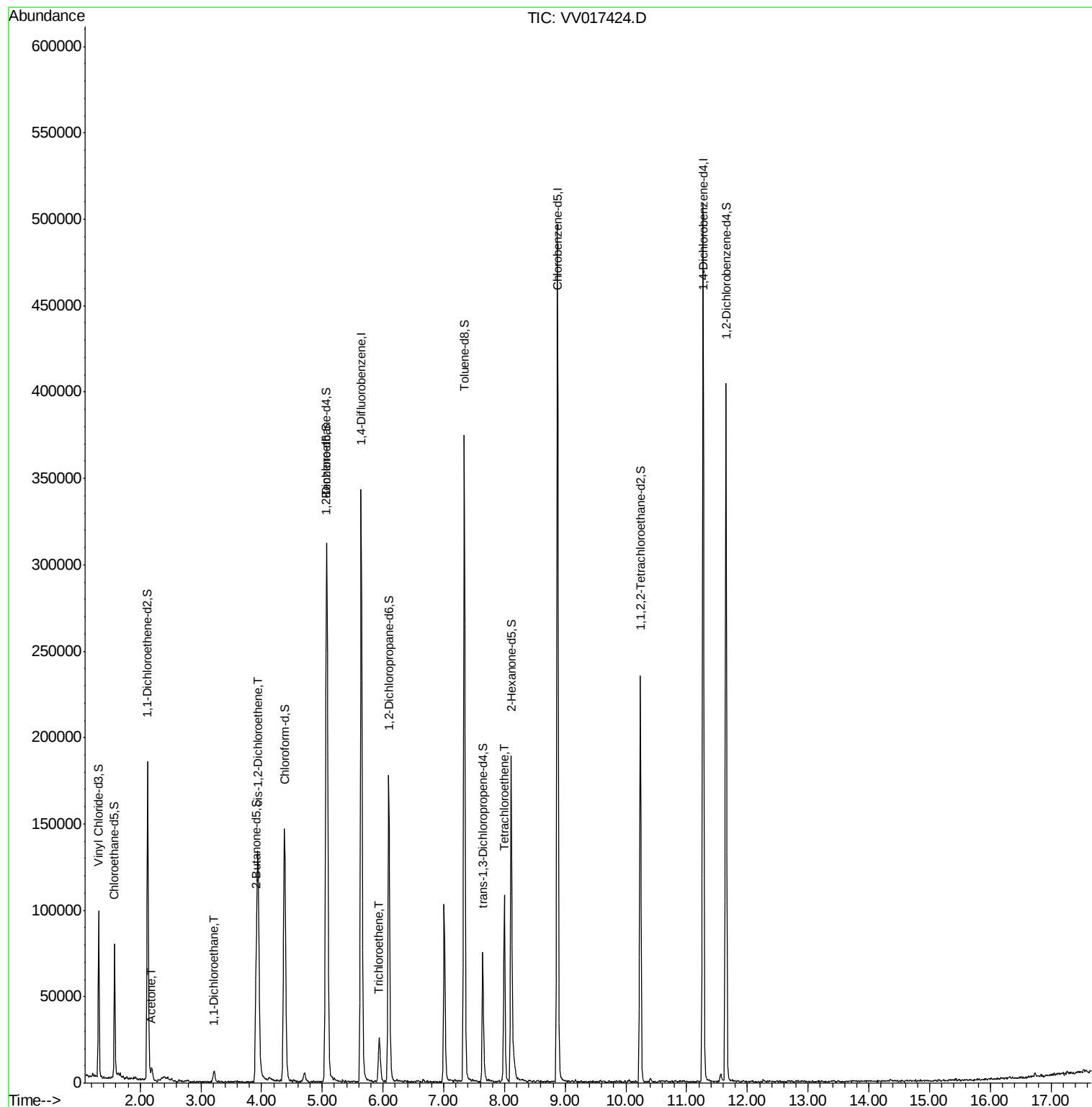
					Ovalue
13) Acetone	2.19	43	8904	6.526	ug/L 96
19) 1,1-Dichloroethane	3.22	63	6015	1.777	ug/L # 92
20) cis-1,2-Dichloroethene	3.94	96	65173	33.038	ug/L 99
34) Trichloroethene	5.94	95	6219	3.002	ug/L 93
46) Tetrachloroethene	8.00	164	22940	13.187	ug/L 96

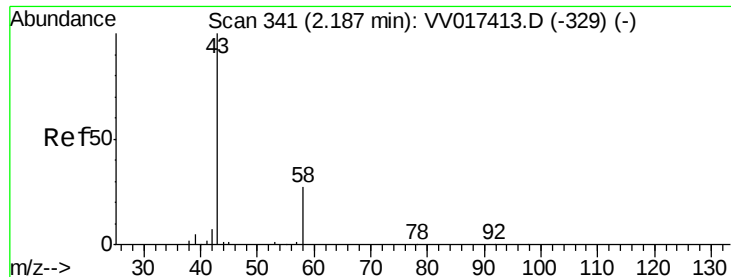
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 10 05:13:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.526 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017424.D

Acq: 10 Jul 2020 01:43

Instrument :

MSVOA_V

ClientSampleId :

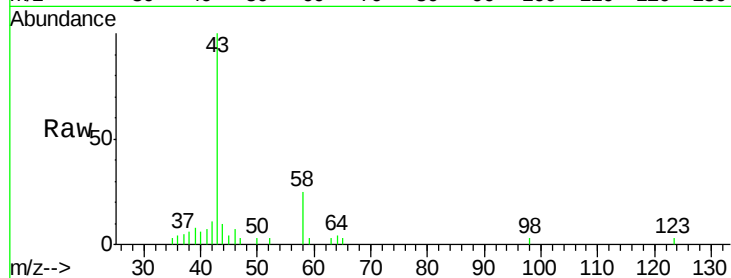
F4A37

Tot Ion: 43 Resp: 8904

Ion Ratio Lower Upper

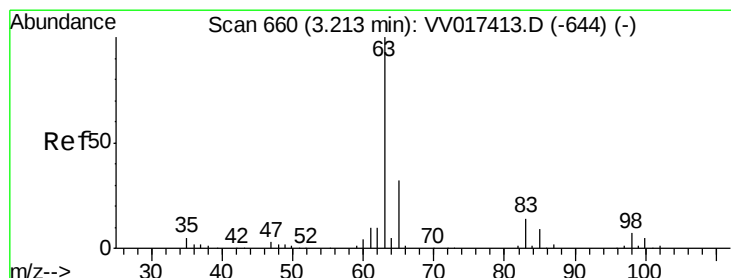
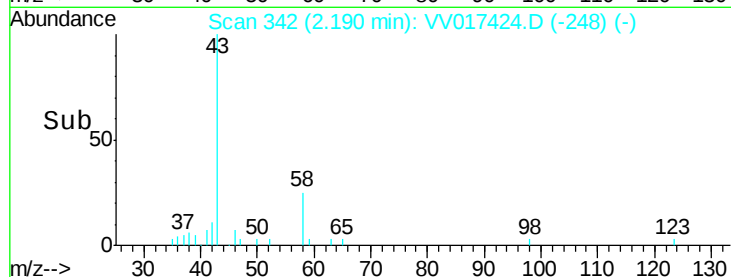
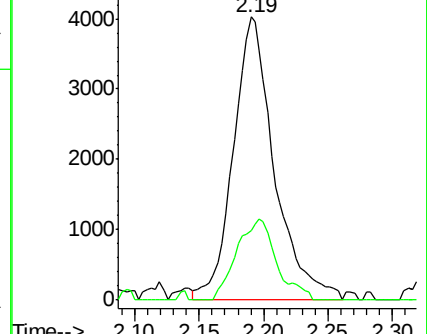
43 100

58 25.8 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: 1.777 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.01 min

Lab File: VV017424.D

Acq: 10 Jul 2020 01:43

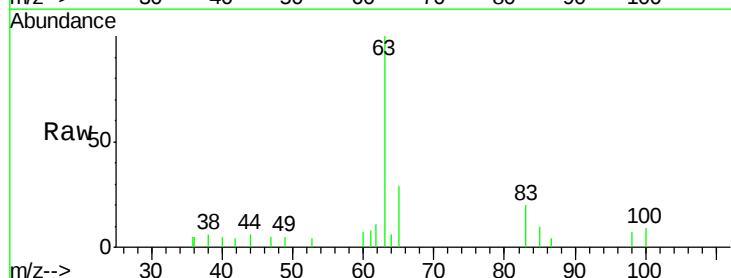
Tgt Ion: 63 Resp: 6015

Ion Ratio Lower Upper

63 100

65 28.7 22.1 41.1

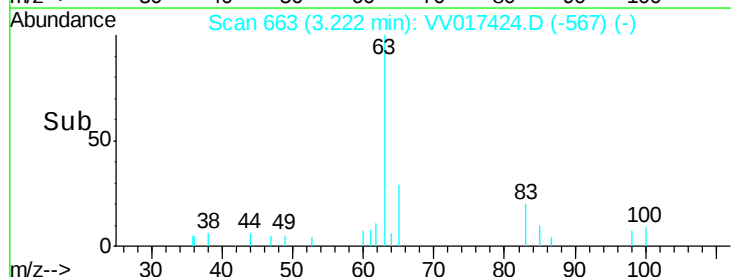
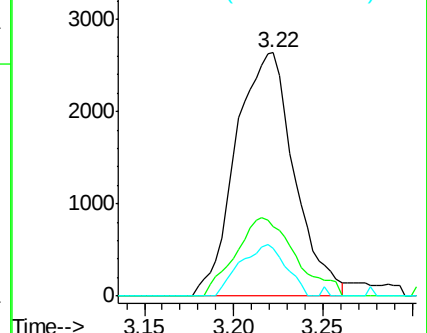
83 19.8 10.1 18.9#

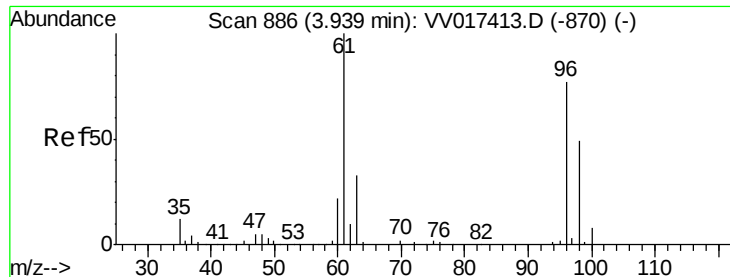


Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



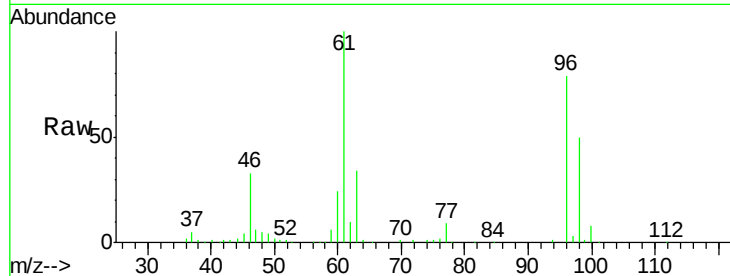


#20

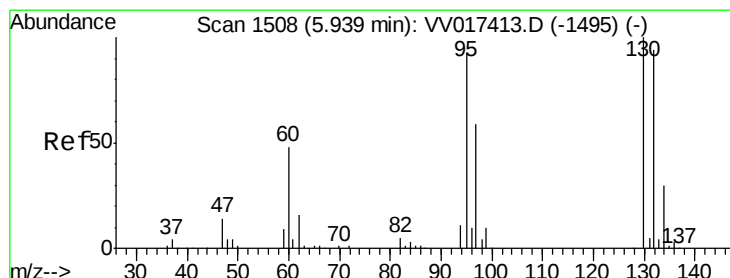
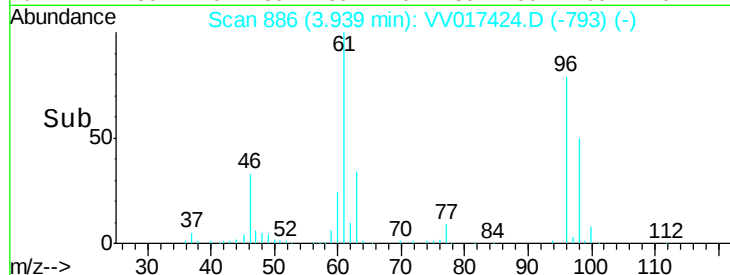
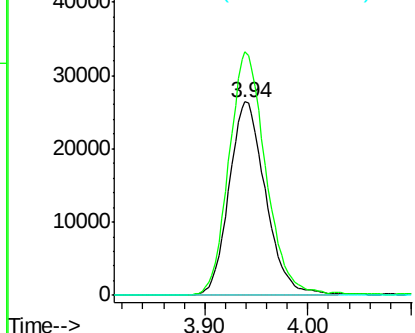
cis-1,2-Dichloroethene
Concen: 33.038 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV017424.D
Acq: 10 Jul 2020 01:43

Instrument :
MSVOA_V
ClientSampleId :
F4A37

Tot Ion: 96 Resp: 65173
Ion Ratio Lower Upper
96 100
61 126.0 88.9 165.1
68 0.0 0.0 0.0



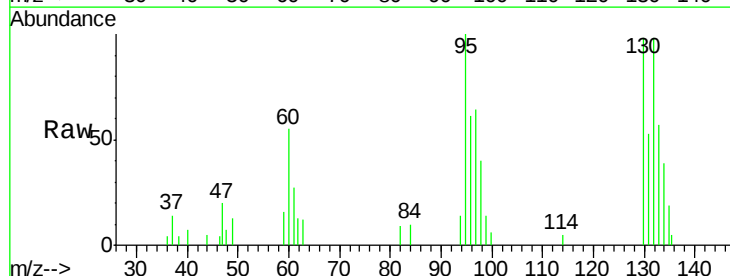
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



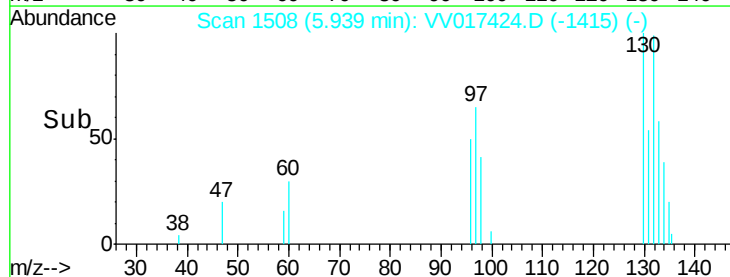
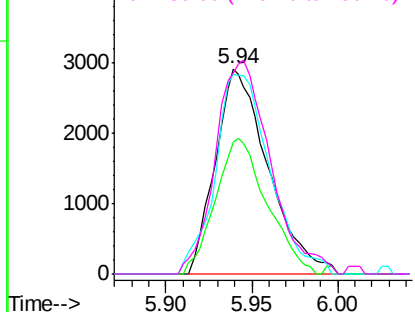
#34

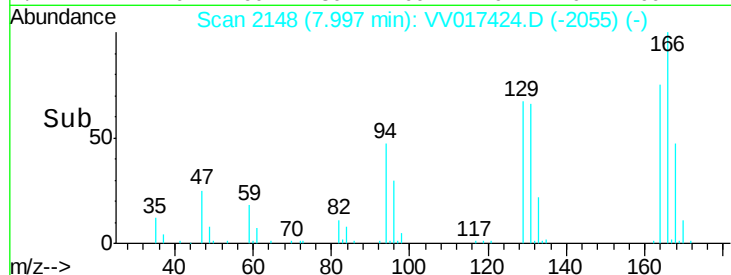
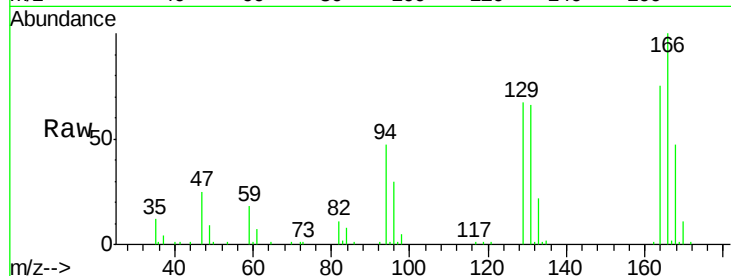
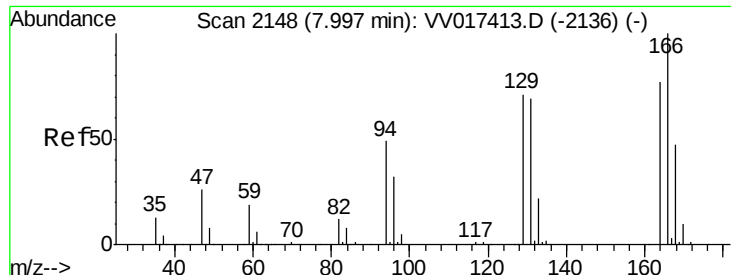
Trichloroethene
Concen: 3.002 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VV017424.D
Acq: 10 Jul 2020 01:43

Tgt Ion: 95 Resp: 6219
Ion Ratio Lower Upper
95 100
97 64.0 45.6 84.6
132 97.6 74.1 137.5
130 98.1 75.5 140.3



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 13.187 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017424.D

Acq: 10 Jul 2020 01:43

Instrument :

MSVOA_V

ClientSampleId :

F4A37

Tot Ion:164 Resp: 22940

Ion Ratio Lower Upper

164 100

129 89.7 66.6 123.8

131 87.5 65.5 121.7

166 133.2 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

