

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\
 Data File : VV010609.D
 Acq On : 01 May 2019 17:20
 Operator : SY/MD
 Sample : K2590-04
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X91

Quant Time: May 02 08:32:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 02 08:18:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	71488	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	71699	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23304	5.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.00%
7) Chloroethane-d5	1.56	69	18207	6.73	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	134.60%#
11) 1,1-Dichloroethene-d2	2.13	63	33148	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.93	46	59904	60.71	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.42%
24) Chloroform-d	4.40	84	47327	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	25412	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	98049	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	31316	5.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.00%
41) Toluene-d8	7.36	98	89985	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	9773	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.13	63	50595	64.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	21613	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	33488	5.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.00%

Target Compounds

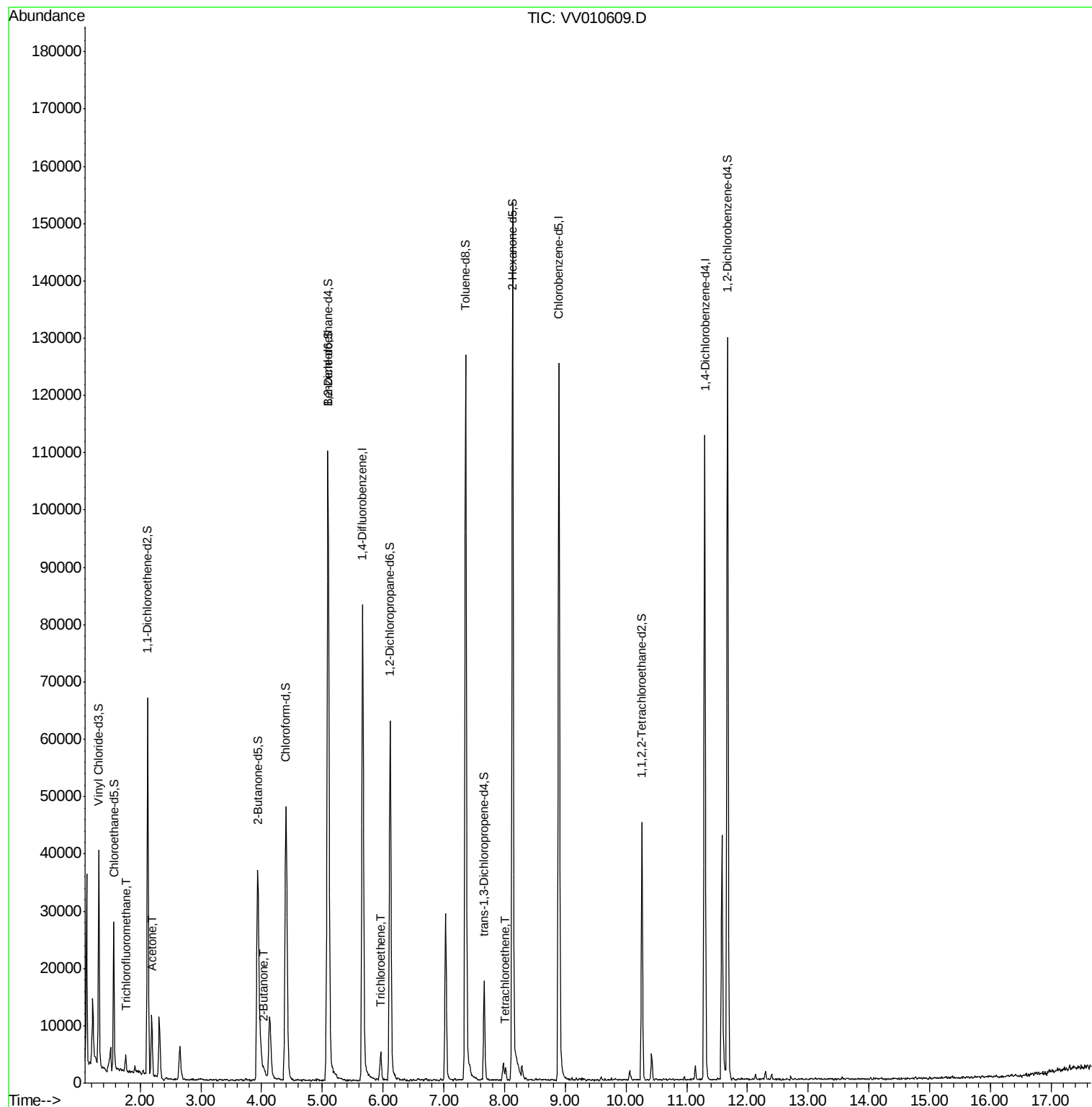
					Ovalue
9) Trichlorofluoromethane	1.76	101	1488	0.167 ug/L	93
13) Acetone	2.19	43	10102	17.243 ug/L	99
21) 2-Butanone	4.03	43	2568	2.579 ug/L #	69
34) Trichloroethene	5.96	95	1657	0.298 ug/L	95
47) Tetrachloroethene	8.01	164	538	0.123 ug/L	79

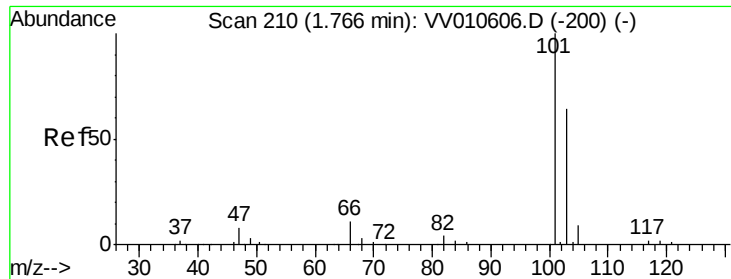
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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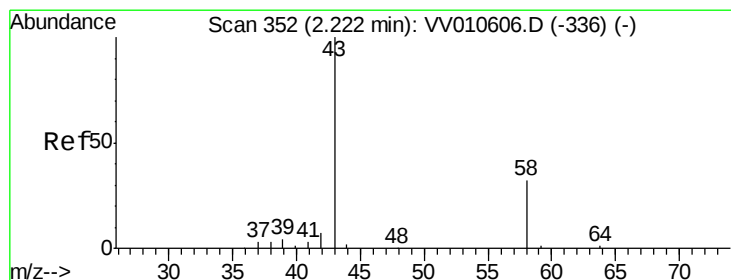
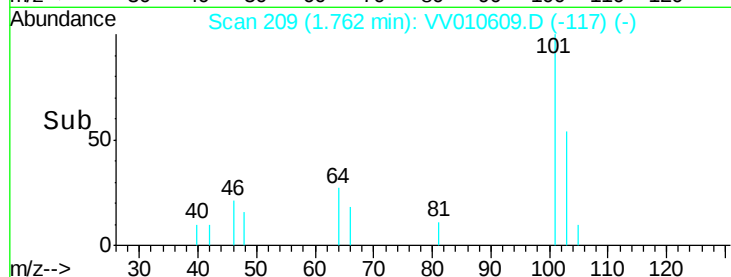
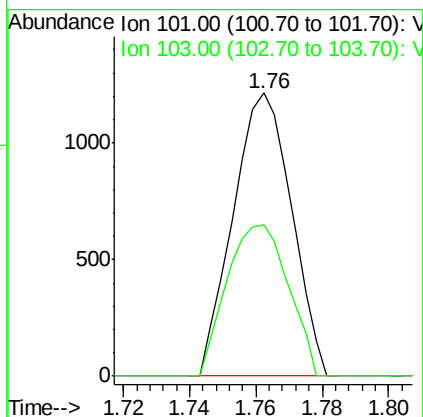
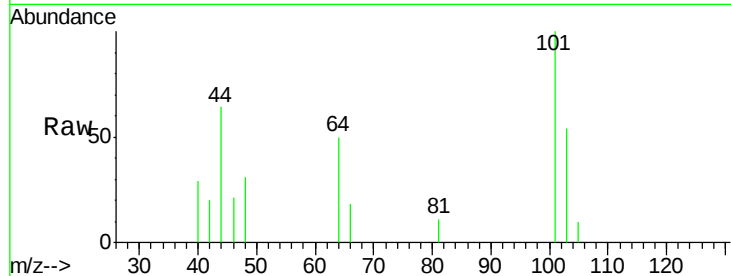


#9

Trichlorofluoromethane
 Concen: 0.167 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VV010609.D
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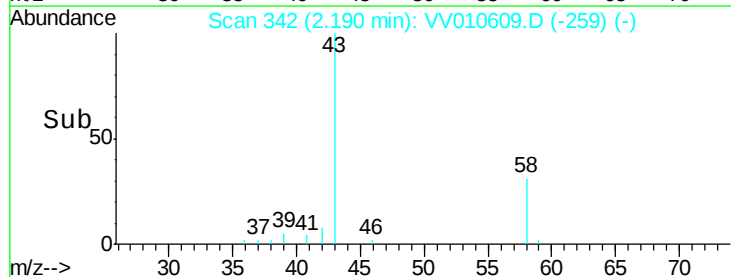
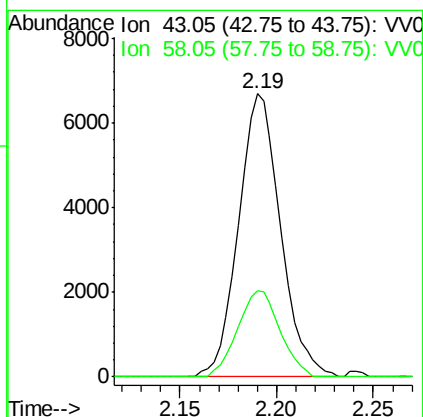
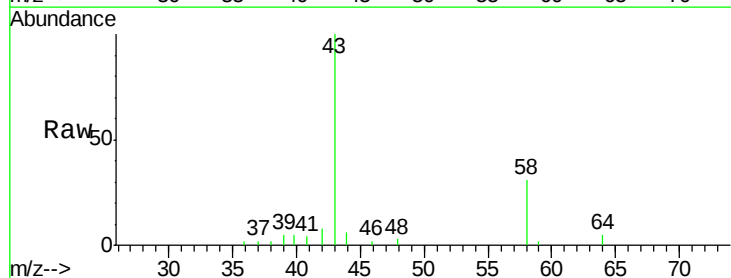
Tot Ion:101 Resp: 1488
 Ion Ratio Lower Upper
 101 100
 103 56.3 49.5 74.3

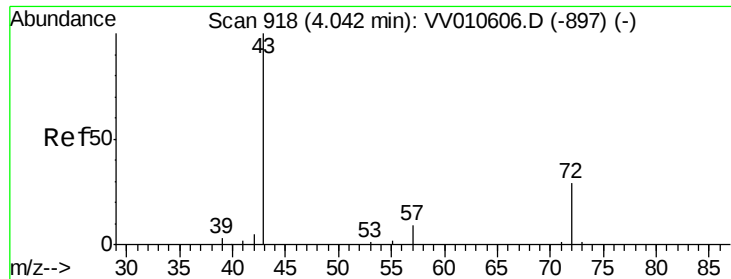


#13

Acetone
 Concen: 17.243 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.03 min
 Lab File: VV010609.D
 Acq: 01 May 2019 17:20

Tgt Ion: 43 Resp: 10102
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 62.8





#21

2-Butanone

Concen: 2.579 ug/L

RT: 4.03 min Scan# 915

Delta R.T. -0.01 min

Lab File: VV010609.D

Acq: 01 May 2019 17:20

Instrument :

MSVOA_V

ClientSampleId :

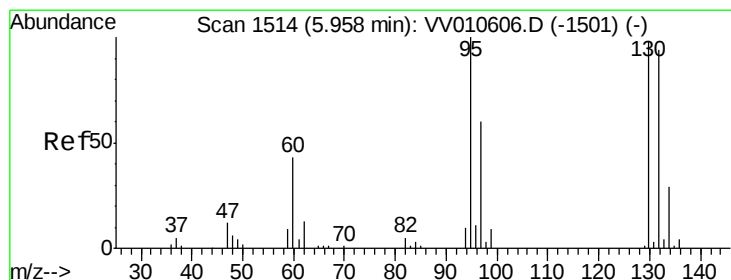
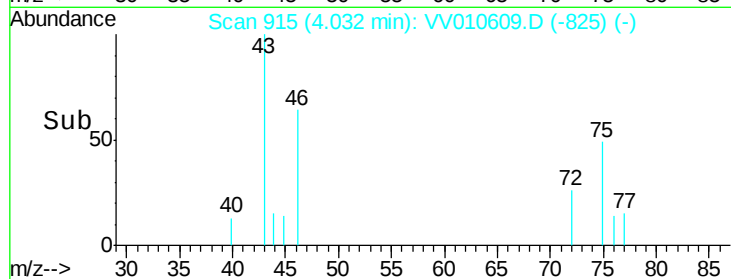
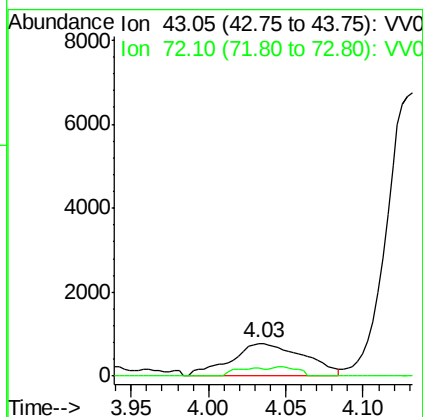
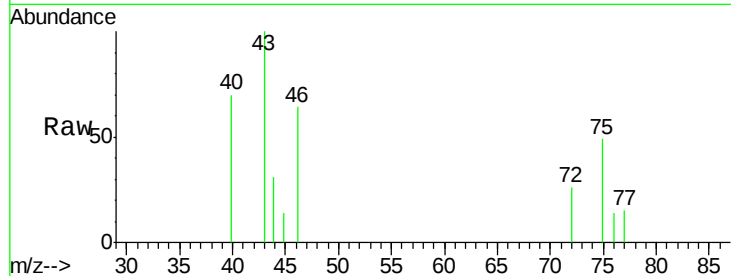
C0X91

Tot Ion: 43 Resp: 2568

Ion Ratio Lower Upper

43 100

72 11.4 13.8 41.3#



#34

Trichloroethene

Concen: 0.298 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV010609.D

Acq: 01 May 2019 17:20

Tgt Ion: 95 Resp: 1657

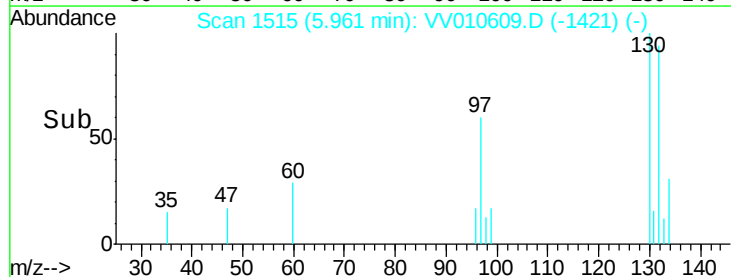
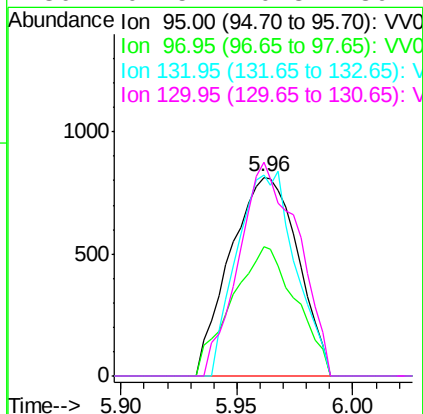
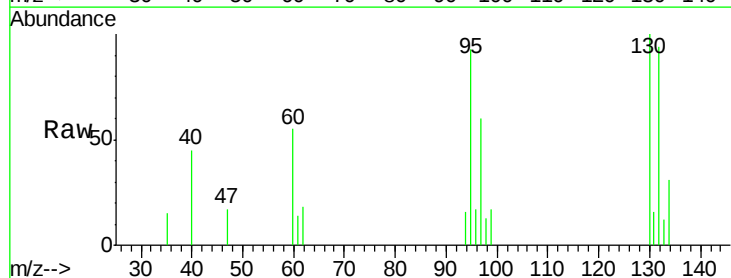
Ion Ratio Lower Upper

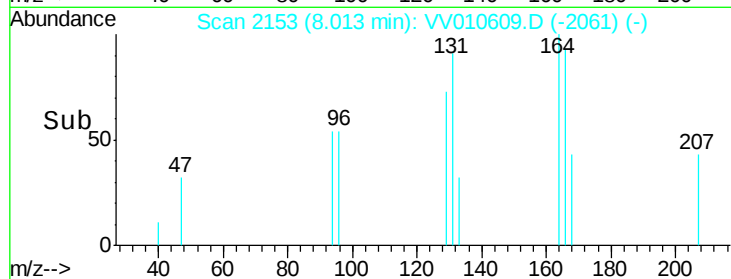
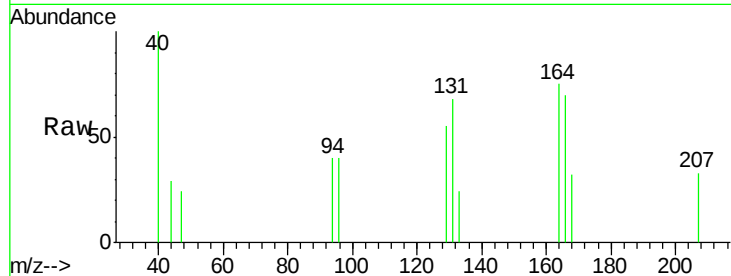
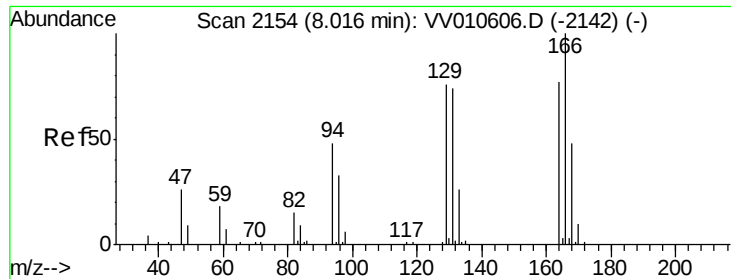
95 100

97 64.9 42.4 78.6

132 101.4 69.3 128.7

130 107.5 70.3 130.7





#47

Tetrachloroethene

Concen: 0.123 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV010609.D

Acq: 01 May 2019 17:20

Instrument :
MSVOA_V
ClientSampleId :
C0X91

Tot Ion:164 Resp: 538

Ion Ratio Lower Upper

164 100

129 73.4 69.9 129.7

131 91.0 65.6 121.8

166 93.1 88.9 165.1

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

