

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017212.D
 Acq On : 27 Jun 2020 04:16
 Operator : SY/MD
 Sample : L3132-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 05:04:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 03:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345910	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329085	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148864	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92248	37.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.58%
7) Chloroethane-d5	1.58	69	61335	41.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.76%
11) 1,1-Dichloroethene-d2	2.12	63	145126	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.82%
21) 2-Butanone-d5	3.91	46	147906	81.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.87%
24) Chloroform-d	4.38	84	212539	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.64%
26) 1,2-Dichloroethane-d4	5.06	65	156155	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.07	84	401603	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.66%
36) 1,2-Dichloropropane-d6	6.09	67	120917	40.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.78%
41) Toluene-d8	7.34	98	370924	42.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.22%
43) trans-1,3-Dichloropropene-	7.64	79	59796	38.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.66%
47) 2-Hexanone-d5	8.11	63	100358	77.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	159648	40.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	150017	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%

Target Compounds

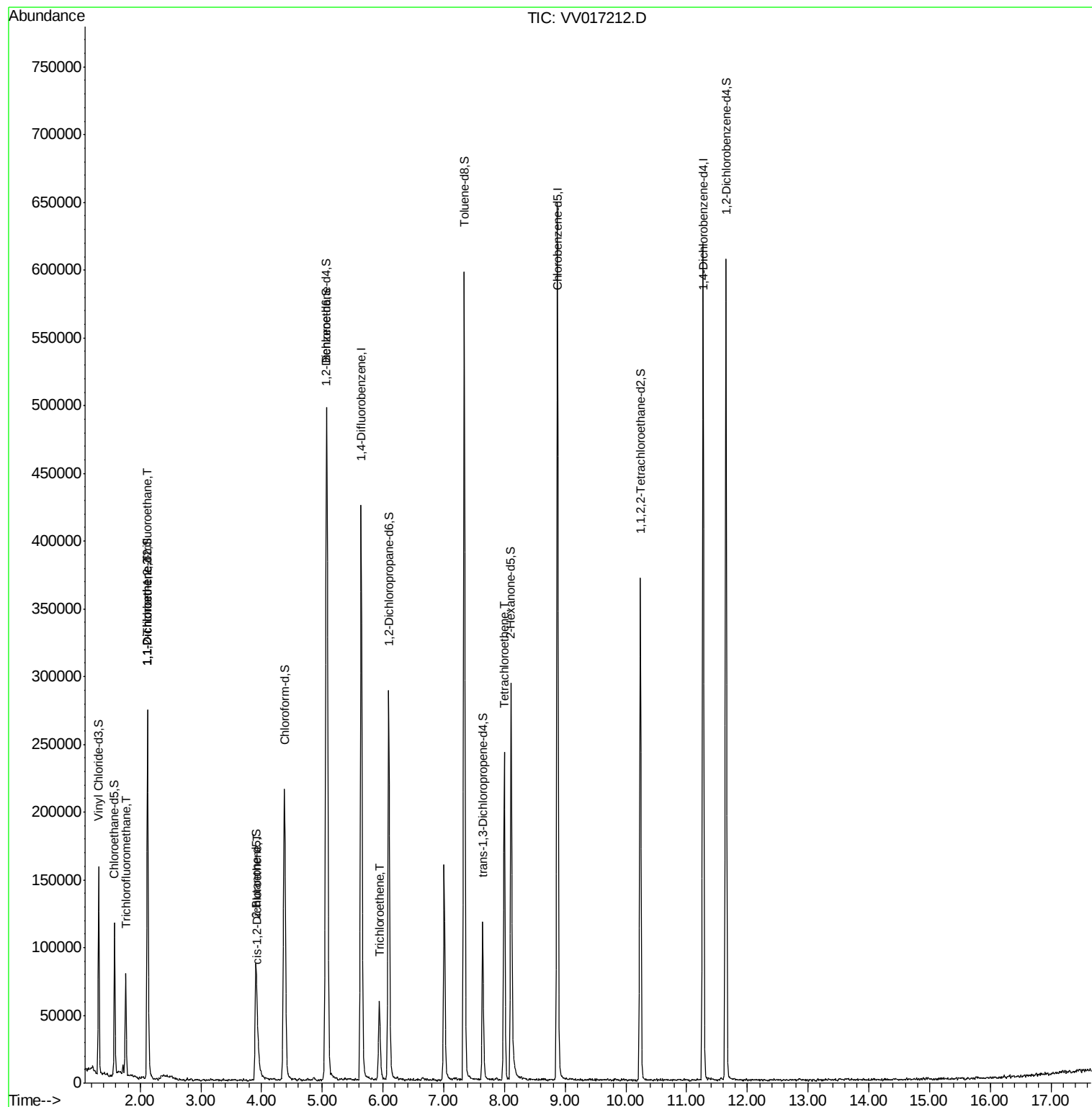
					Ovalue
9) Trichlorofluoromethane	1.76	101	43827	11.875 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1288	0.700 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1282	0.747 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	1756	0.688 ug/L	93
34) Trichloroethene	5.94	95	18424	7.055 ug/L	96
46) Tetrachloroethene	8.00	164	50447	24.563 ug/L	98

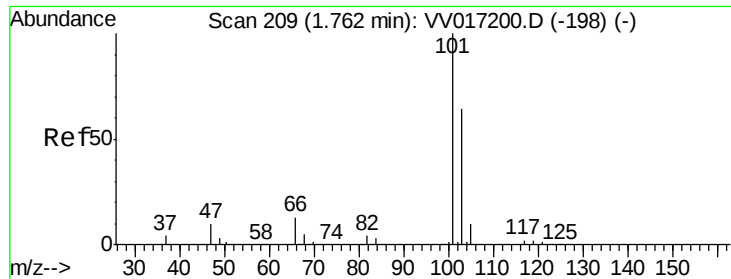
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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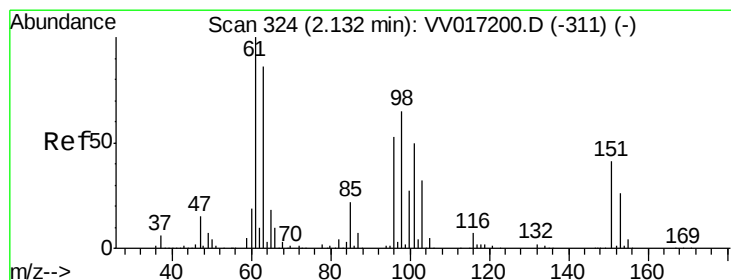
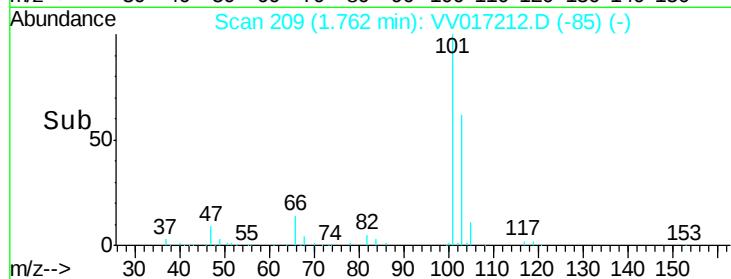
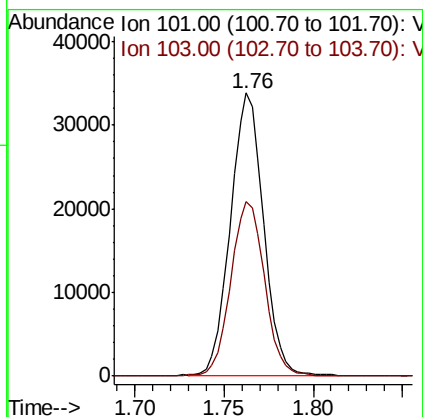
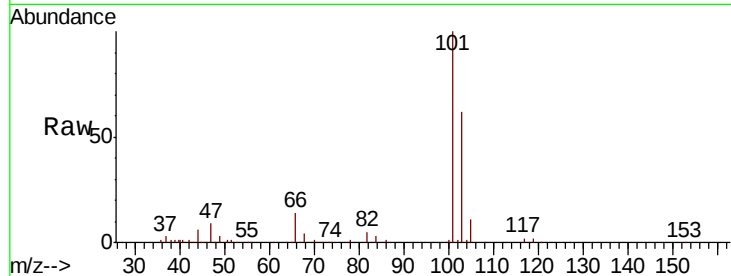


#9

Trichlorofluoromethane
 Concen: 11.875 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VV017212.D
 Acq: 27 Jun 2020 04:16

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 MSVOA_V
 ClientSampleId :

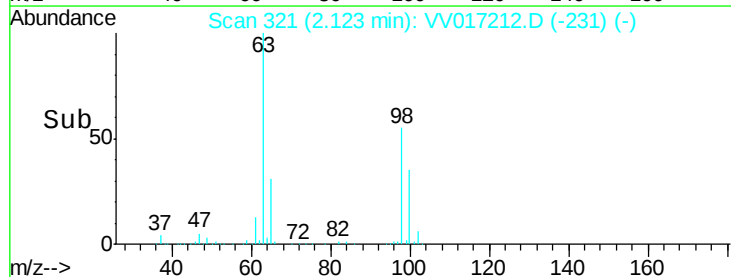
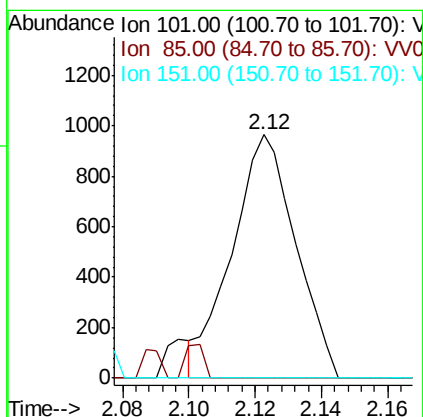
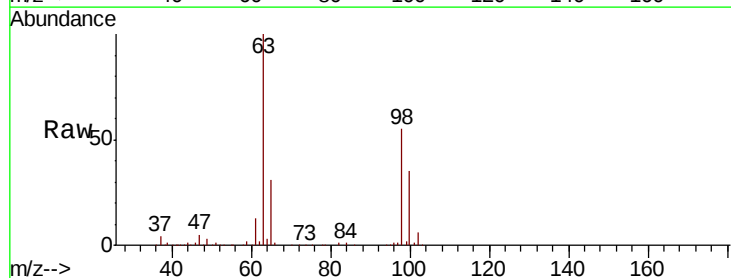
Tot Ion:101 Resp: 43827
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.3 76.9

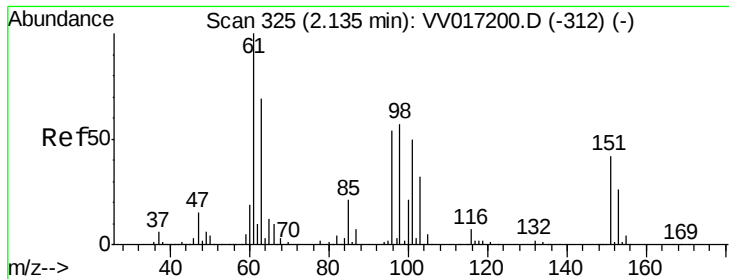


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.700 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017212.D
 Acq: 27 Jun 2020 04:16

Tgt Ion:101 Resp: 1288
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.5 53.3#
 151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.747 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV017212.D

Acq: 27 Jun 2020 04:16

Instrument :

MSVOA_V

ClientSampleId :

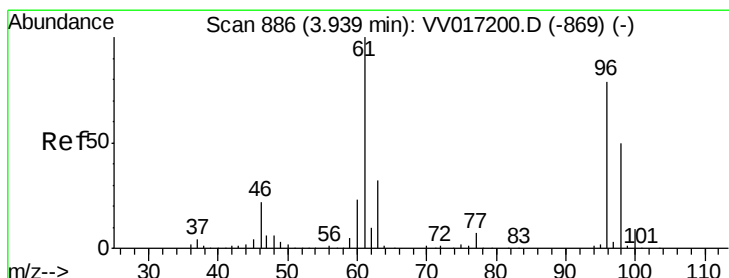
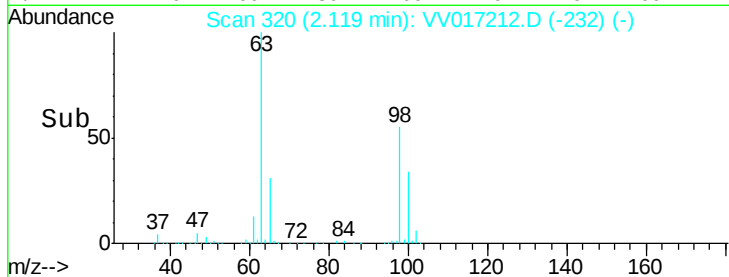
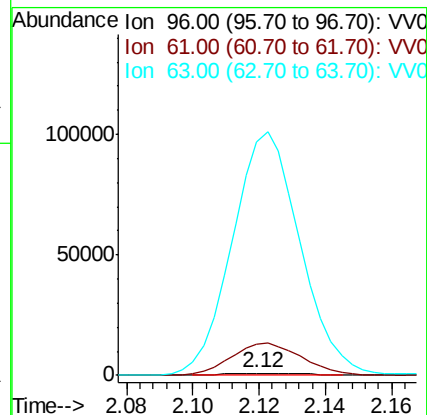
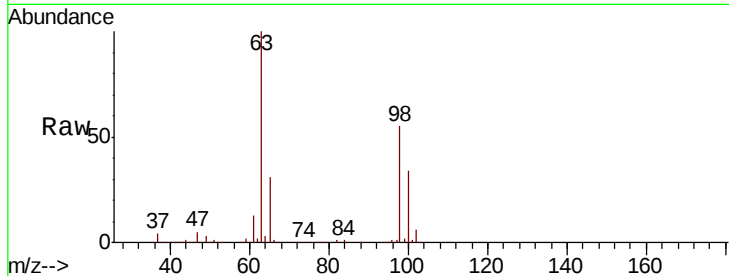
Tot Ion: 96 Resp: 1282

Ion Ratio Lower Upper

96 100

61 1580.9 130.4 242.2#

63 11800.5 103.3 191.9#



#20

cis-1,2-Dichloroethene

Concen: 0.688 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV017212.D

Acq: 27 Jun 2020 04:16

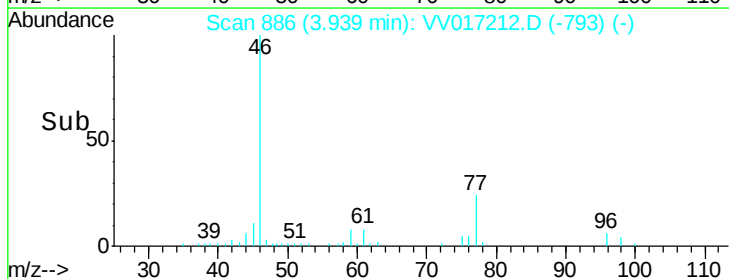
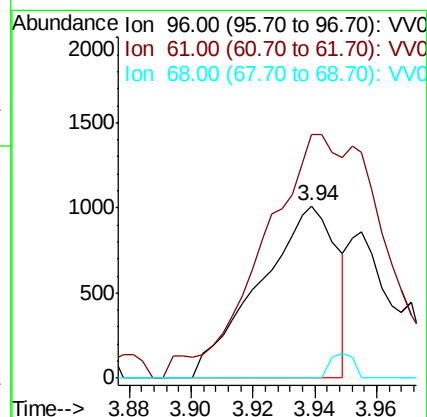
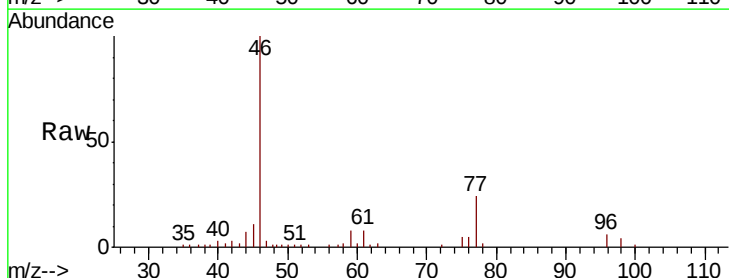
Tgt Ion: 96 Resp: 1756

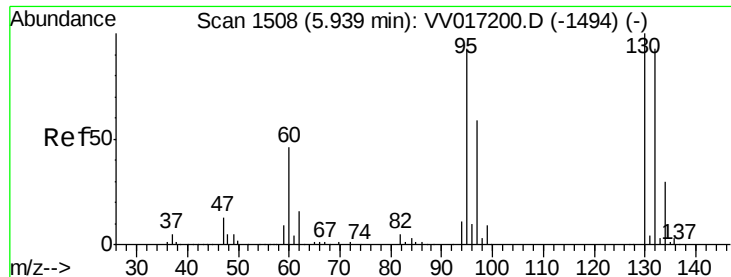
Ion Ratio Lower Upper

96 100

61 141.4 93.4 173.4

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.055 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV017212.D

Acq: 27 Jun 2020 04:16

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 18424

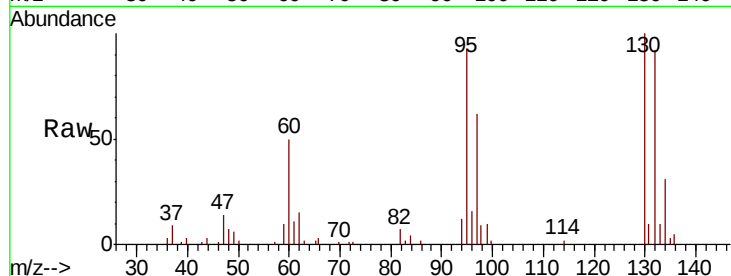
Ion Ratio Lower Upper

95 100

97 67.4 44.3 82.3

132 99.3 67.9 126.1

130 108.0 72.2 134.2



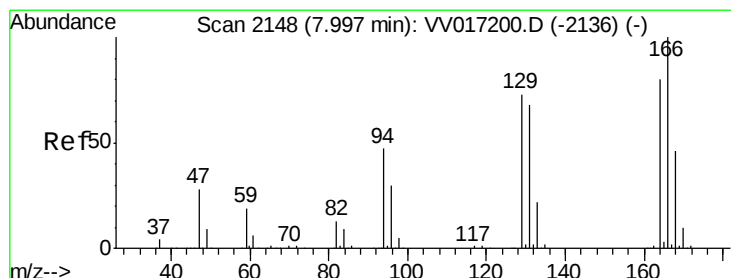
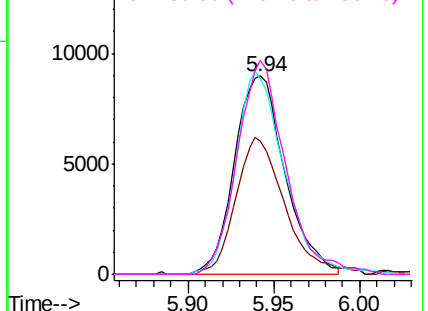
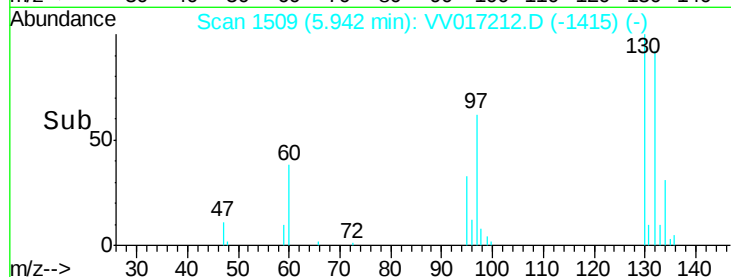
Abundance

Ion 95.00 (94.70 to 95.70): VV017212.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV017212.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV017212.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV017212.D (-1494) (-)



#46

Tetrachloroethene

Concen: 24.563 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017212.D

Acq: 27 Jun 2020 04:16

Tgt Ion: 164 Resp: 50447

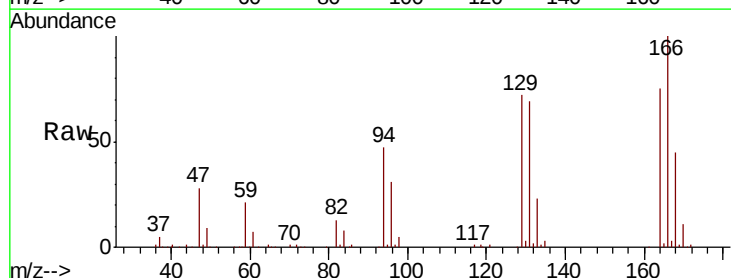
Ion Ratio Lower Upper

164 100

129 96.6 67.0 124.4

131 91.9 64.8 120.3

166 133.5 90.4 167.8



Abundance

Ion 164.00 (163.70 to 164.70): VV017212.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV017212.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV017212.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV017212.D (-2136) (-)

