

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017210.D
 Acq On : 27 Jun 2020 03:30
 Operator : SY/MD
 Sample : L3132-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 05:04:22 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	344714	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333009	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154708	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96430	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.28%
7) Chloroethane-d5	1.58	69	61426	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.18%
11) 1,1-Dichloroethene-d2	2.12	63	151374	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.12%
21) 2-Butanone-d5	3.90	46	156709	87.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.05%
24) Chloroform-d	4.57	84	225	0.05	ug/L	0.19
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.10%#
26) 1,2-Dichloroethane-d4	5.06	65	163752	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
32) Benzene-d6	5.08	84	421622	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
36) 1,2-Dichloropropane-d6	6.09	67	127074	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.94%
41) Toluene-d8	7.34	98	381497	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.64	79	63312	40.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.24%
47) 2-Hexanone-d5	8.11	63	101439	77.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	168247	42.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	155892	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%

Target Compounds

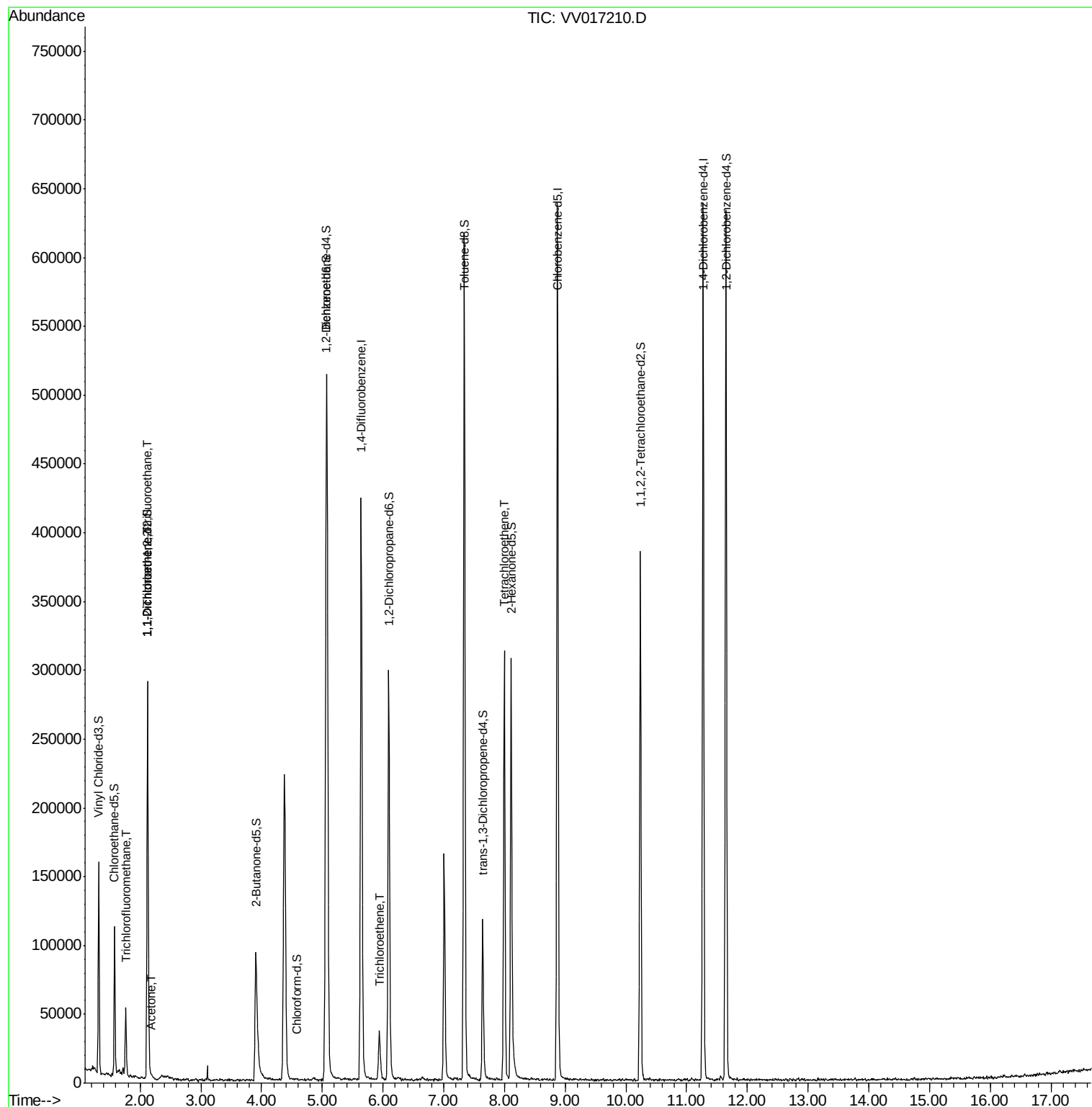
					Ovalue
9) Trichlorofluoromethane	1.76	101	28466	7.740 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1474	0.804 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	1369	0.800 ug/L #	1
13) Acetone	2.19	43	2309	1.947 ug/L	80
34) Trichloroethene	5.94	95	10097	3.821 ug/L	88
46) Tetrachloroethene	8.00	164	67671	32.562 ug/L	97

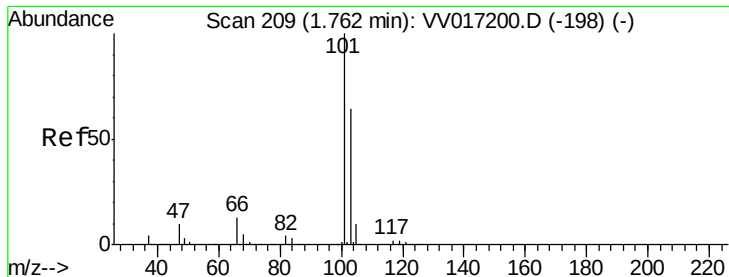
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 27 03:31:05 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 7.740 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV017210.D

Acq: 27 Jun 2020 03:30

Instrument :

MSVOA_V

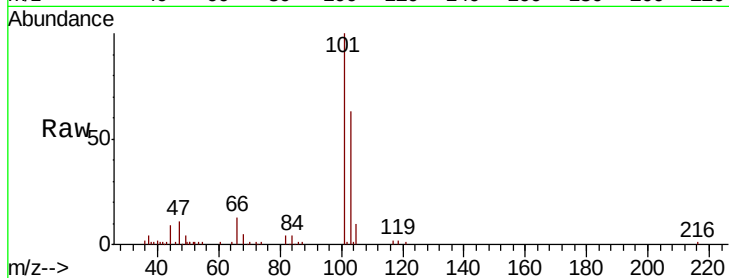
ClientSampleId :

Tot Ion:101 Resp: 28466

Ion Ratio Lower Upper

101 100

103 64.1 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

25000

20000

15000

10000

5000

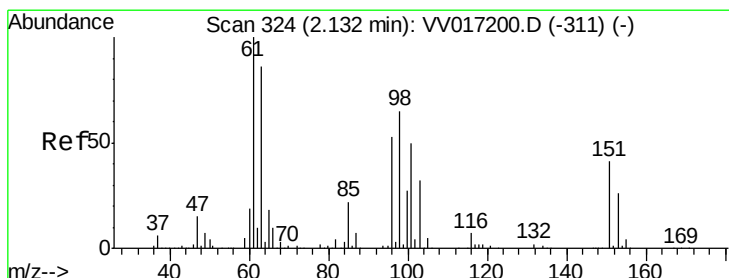
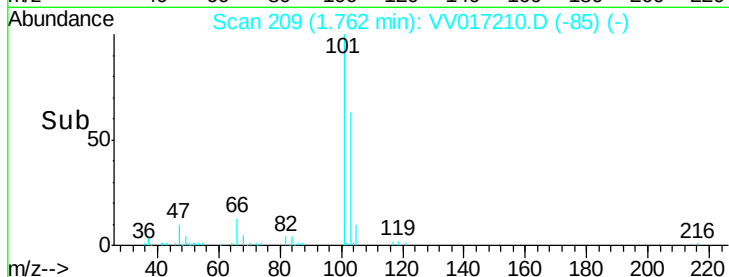
0

1.70

1.75

1.80

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.804 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017210.D

Acq: 27 Jun 2020 03:30

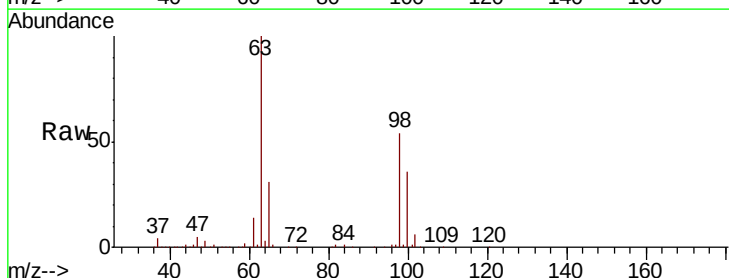
Tgt Ion:101 Resp: 1474

Ion Ratio Lower Upper

101 100

85 3.1 35.5 53.3#

151 5.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

1200

1000

800

600

400

200

0

2.08

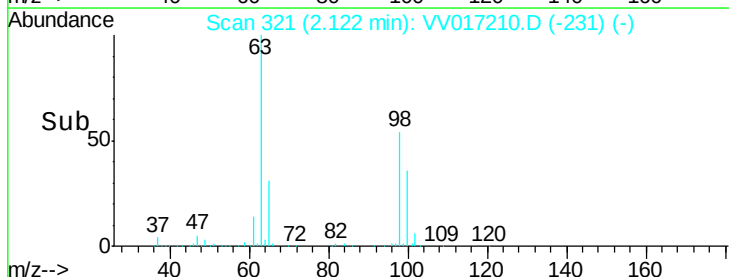
2.10

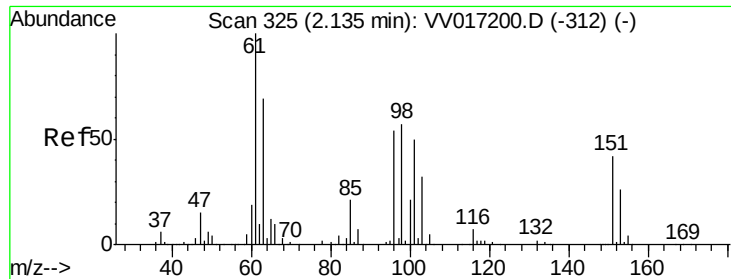
2.12

2.14

2.16

Time-->

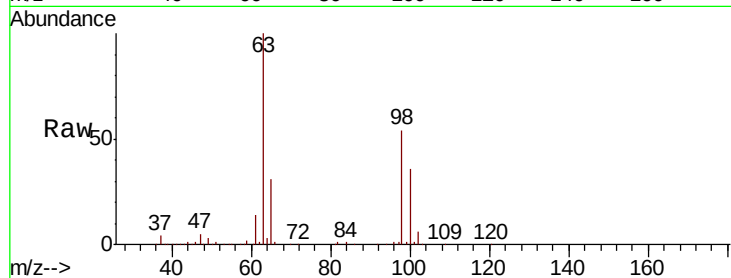




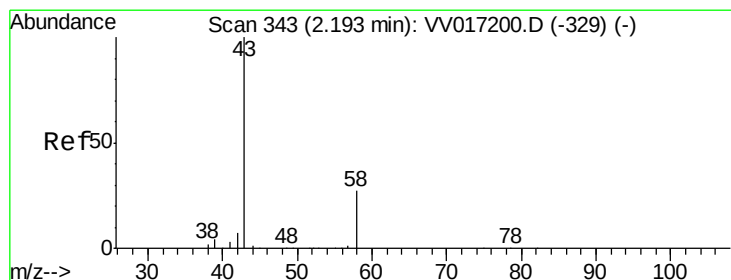
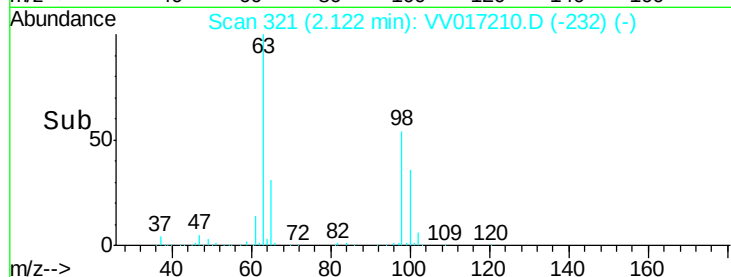
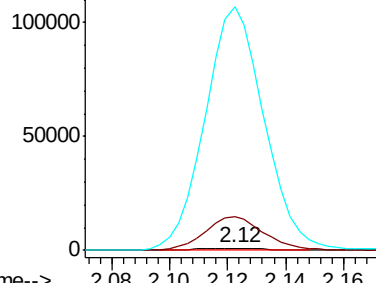
#12
 1,1-Dichloroethene
 Concen: 0.800 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV017210.D
 Acq: 27 Jun 2020 03:30

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 1369
 Ion Ratio Lower Upper
 96 100
 61 1763.4 130.4 242.2#
 63 12707.7 103.3 191.9#

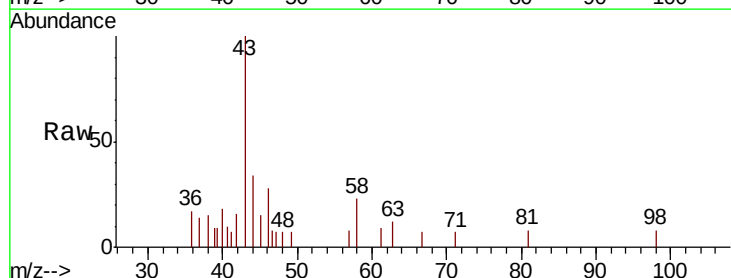


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 63.00 (62.70 to 63.70): VV0

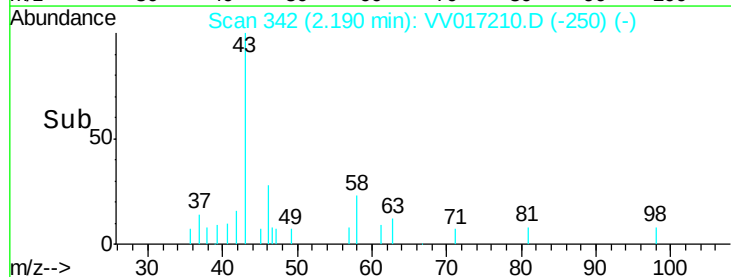
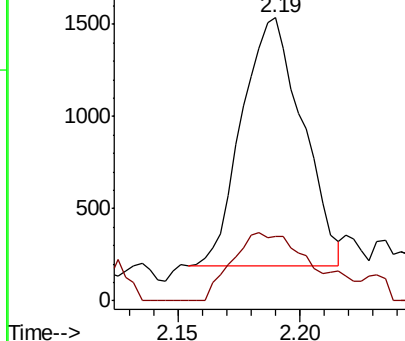


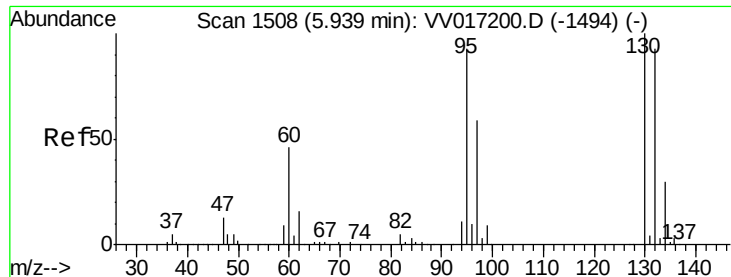
#13
 Acetone
 Concen: 1.947 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VV017210.D
 Acq: 27 Jun 2020 03:30

Tgt Ion: 43 Resp: 2309
 Ion Ratio Lower Upper
 43 100
 58 16.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0

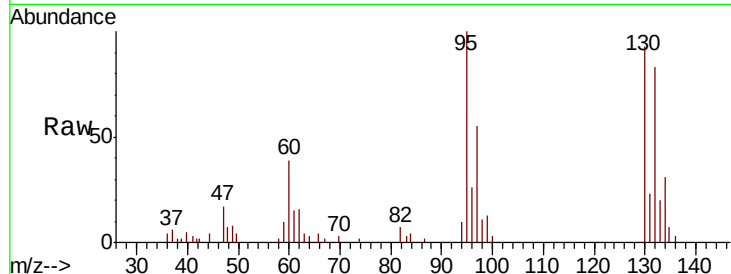




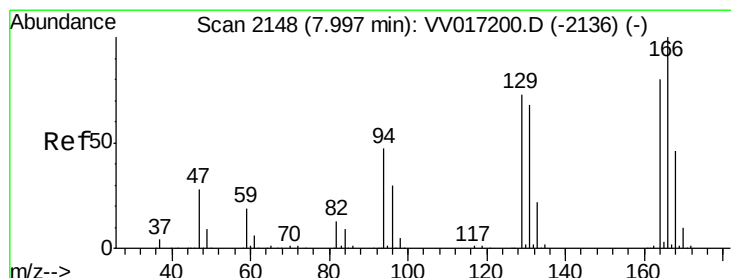
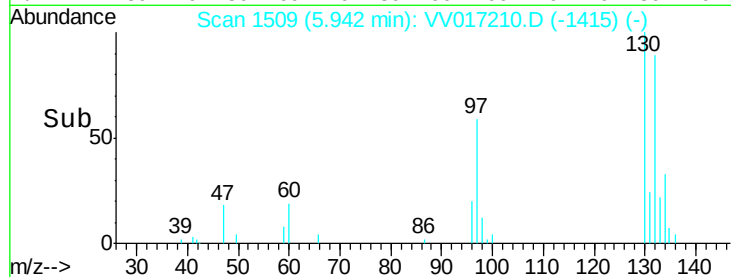
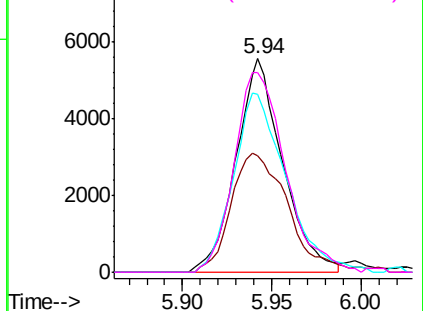
#34
 Trichloroethene
 Concen: 3.821 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VV017210.D
 Acq: 27 Jun 2020 03:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 10097
 Ion Ratio Lower Upper
 95 100
 97 54.7 44.3 82.3
 132 83.4 67.9 126.1
 130 93.4 72.2 134.2

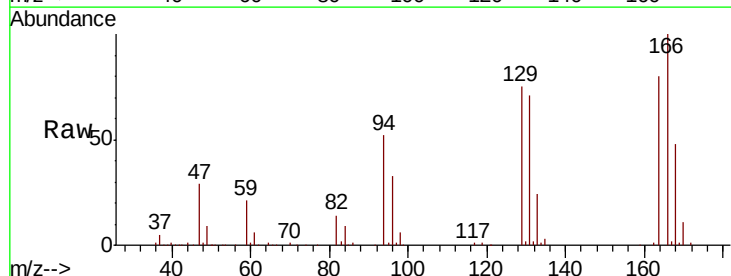


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#46
 Tetrachloroethene
 Concen: 32.562 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017210.D
 Acq: 27 Jun 2020 03:30

Tgt Ion: 164 Resp: 67671
 Ion Ratio Lower Upper
 164 100
 129 94.0 67.0 124.4
 131 89.4 64.8 120.3
 166 125.6 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VV0
 Ion 129.00 (128.70 to 129.70): VV0
 Ion 131.00 (130.70 to 131.70): VV0
 Ion 166.00 (165.70 to 166.70): VV0

