

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017410.D
 Acq On : 09 Jul 2020 19:55
 Operator : SY/MD
 Sample : L3253-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A18

Quant Time: Jul 10 04:03:55 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	273921	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	259471	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58310	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.58	69	43659	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.16%
11) 1,1-Dichloroethene-d2	2.12	63	99759	30.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.80%
21) 2-Butanone-d5	3.91	46	86482	88.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.79%
24) Chloroform-d	4.38	84	142473	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
26) 1,2-Dichloroethane-d4	5.06	65	104602	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
32) Benzene-d6	5.08	84	254819	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
36) 1,2-Dichloropropane-d6	6.09	67	75613	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.70%
41) Toluene-d8	7.34	98	239865	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%
43) trans-1,3-Dichloropropene-	7.64	79	41013	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.11	63	61242	92.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.45%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99857	44.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	101751	49.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.30%

Target Compounds

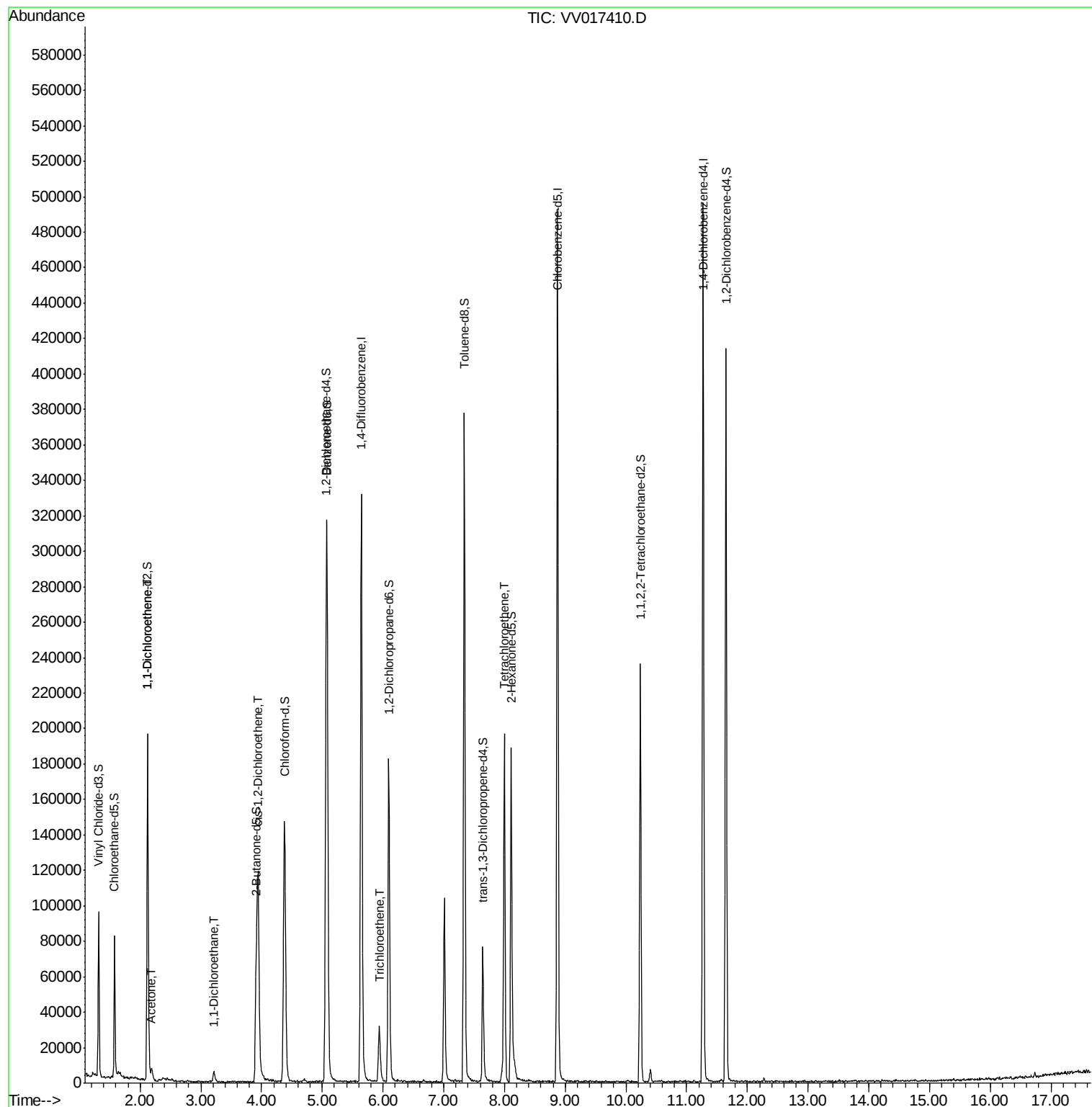
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1995	1.213 ug/L #	1
13) Acetone	2.19	43	6730	5.076 ug/L	100
19) 1,1-Dichloroethane	3.22	63	5239	1.592 ug/L #	92
20) cis-1,2-Dichloroethene	3.94	96	56208	29.321 ug/L	98
34) Trichloroethene	5.94	95	8070	3.963 ug/L	92
46) Tetrachloroethene	8.00	164	42437	24.819 ug/L	96

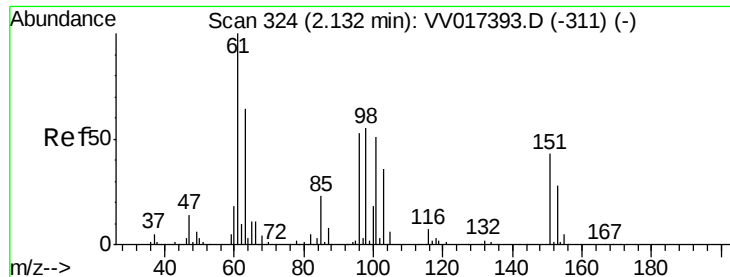
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.213 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017410.D

Acq: 09 Jul 2020 19:55

Instrument :

MSVOA_V

ClientSampled :

F4A18

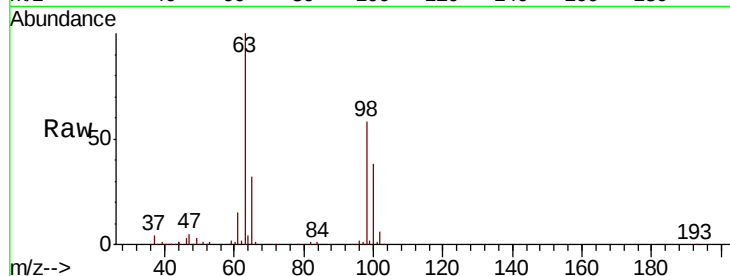
Tot Ion: 96 Resp: 1995

Ion Ratio Lower Upper

96 100

61 640.8 132.7 246.4#

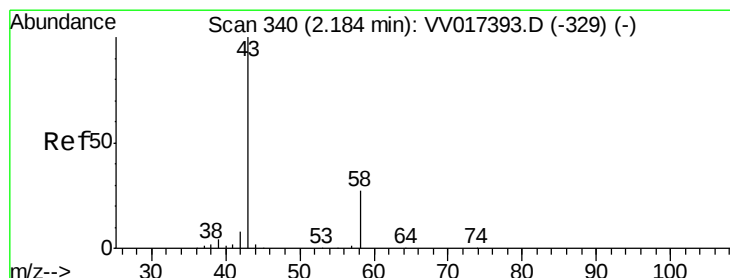
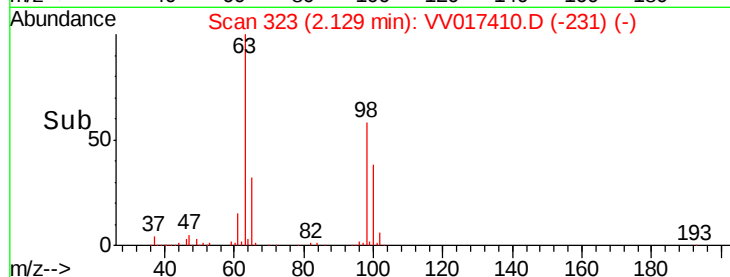
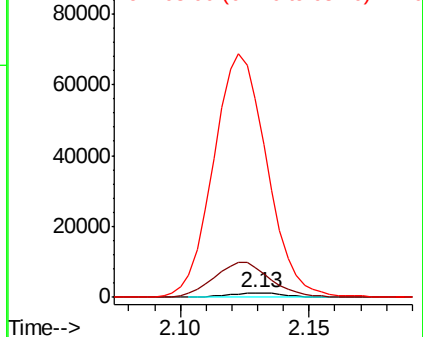
63 4305.2 103.3 191.8#



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: 5.076 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017410.D

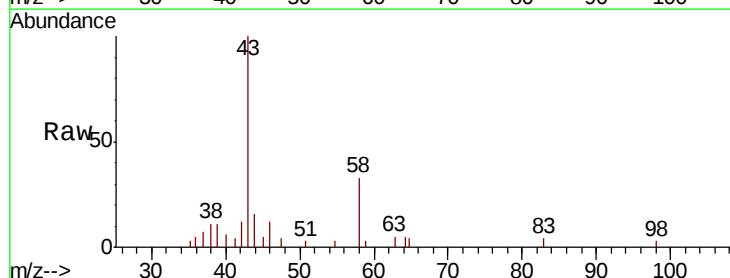
Acq: 09 Jul 2020 19:55

Tgt Ion: 43 Resp: 6730

Ion Ratio Lower Upper

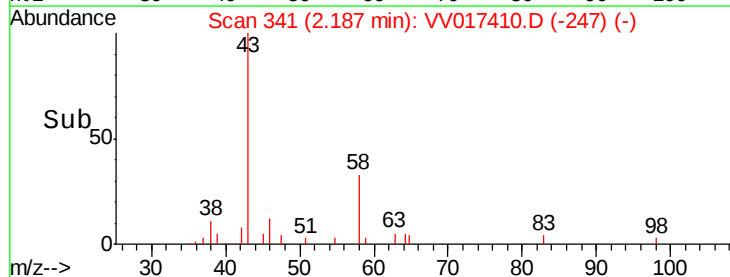
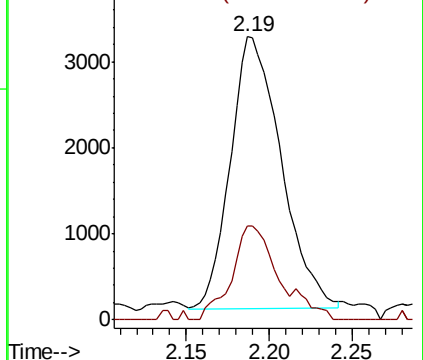
43 100

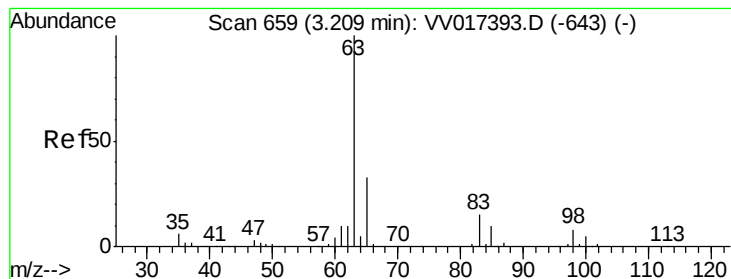
58 28.2 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#19

1,1-Dichloroethane

Concen: 1.592 ug/L

RT: 3.22 min Scan# 661

Delta R.T. 0.01 min

Lab File: VV017410.D

Acq: 09 Jul 2020 19:55

Instrument :

MSVOA_V

ClientSampleId :

F4A18

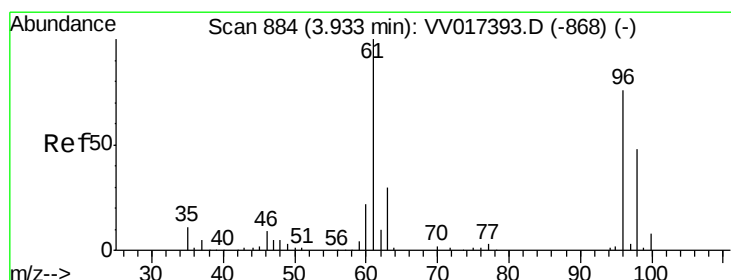
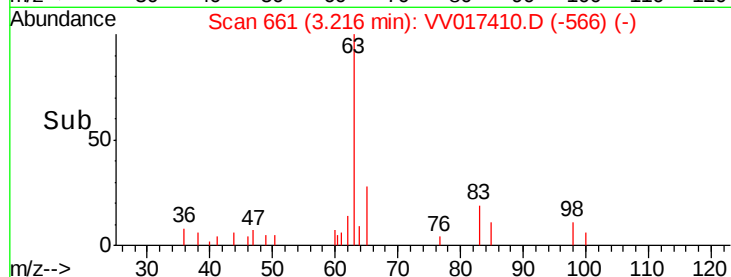
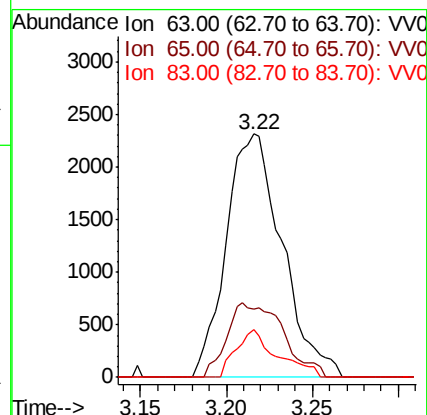
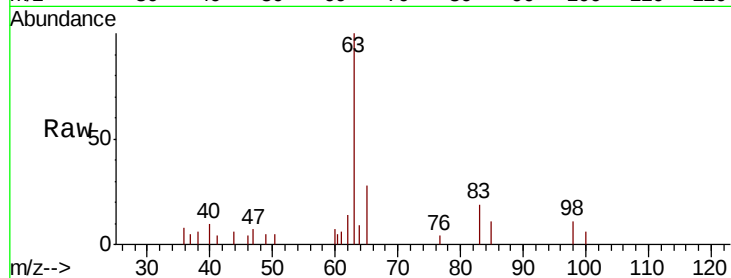
Tot Ion: 63 Resp: 5239

Ion Ratio Lower Upper

63 100

65 28.0 22.1 41.1

83 19.4 10.1 18.9#



#20

cis-1,2-Dichloroethene

Concen: 29.321 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017410.D

Acq: 09 Jul 2020 19:55

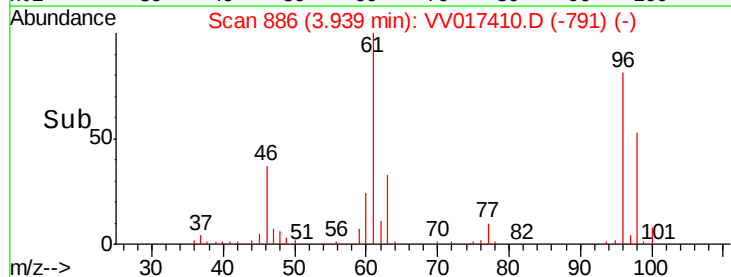
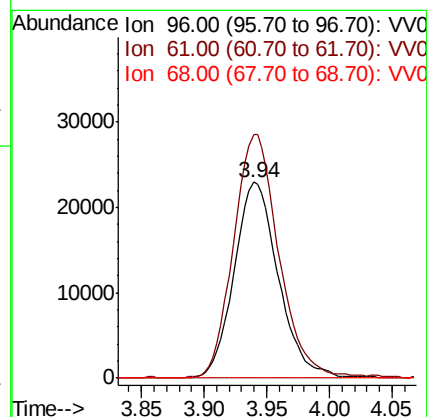
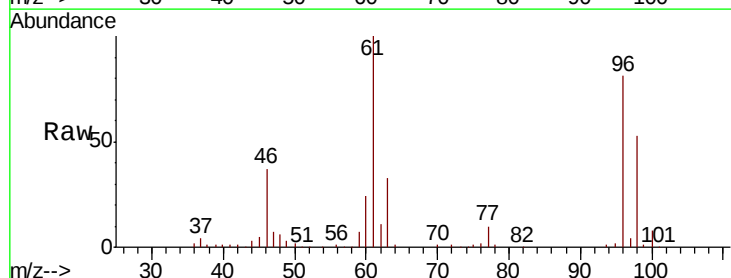
Tgt Ion: 96 Resp: 56208

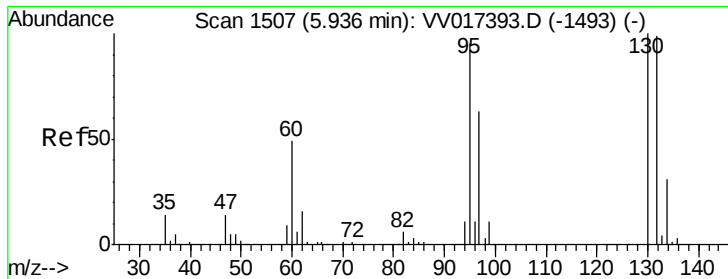
Ion Ratio Lower Upper

96 100

61 124.2 88.9 165.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 3.963 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017410.D

Acq: 09 Jul 2020 19:55

Instrument :

MSVOA_V

ClientSampleId :

F4A18

Tot Ion: 95 Resp: 8070

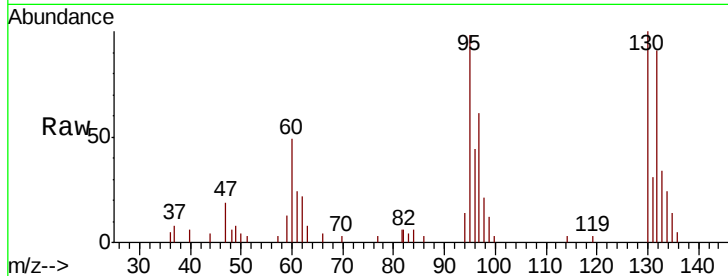
Ion Ratio Lower Upper

95 100

97 61.8 45.6 84.6

132 92.3 74.1 137.5

130 101.7 75.5 140.3

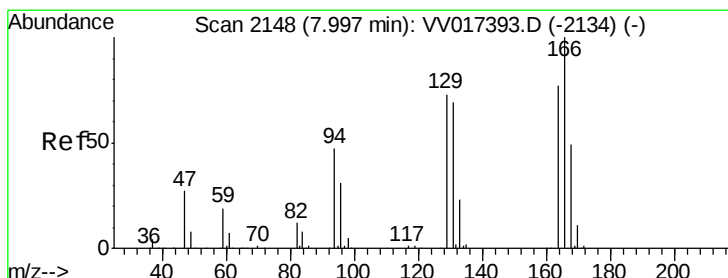
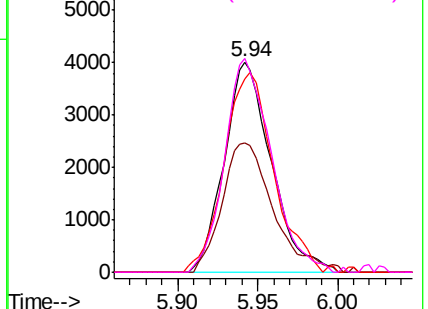
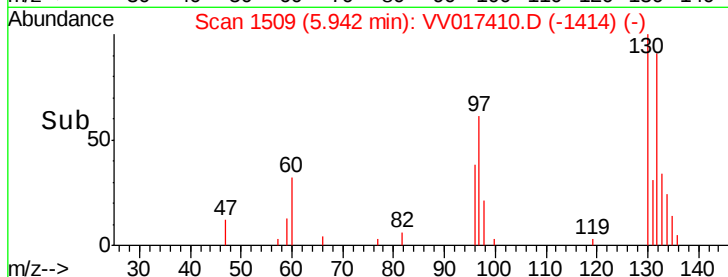


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 24.819 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017410.D

Acq: 09 Jul 2020 19:55

Tgt Ion: 164 Resp: 42437

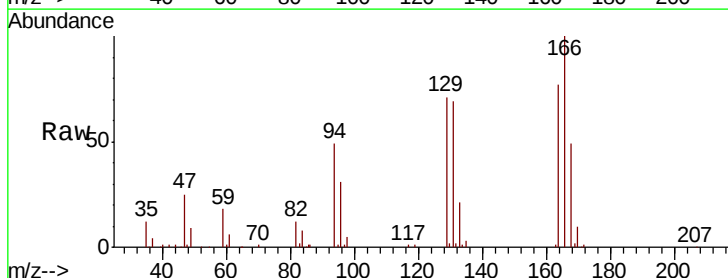
Ion Ratio Lower Upper

164 100

129 92.4 66.6 123.8

131 89.5 65.5 121.7

166 130.0 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

