

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017110.D
 Acq On : 25 Jun 2020 07:29
 Operator : SY/MD
 Sample : L3102-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9L63

Quant Time: Jun 25 07:50:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 05:27:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	182887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	178400	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83332	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38389	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.58	69	32660	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.13	63	61098	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.92	46	123476	44.14	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.28%
24) Chloroform-d	4.38	84	104873	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	55726	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.08	84	191321	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.10	67	56727	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.34	98	171998	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
45) trans-1,3-Dichloropropene-	7.64	79	21538	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
48) 2-Hexanone-d5	8.11	63	88055	40.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42529	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	70314	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

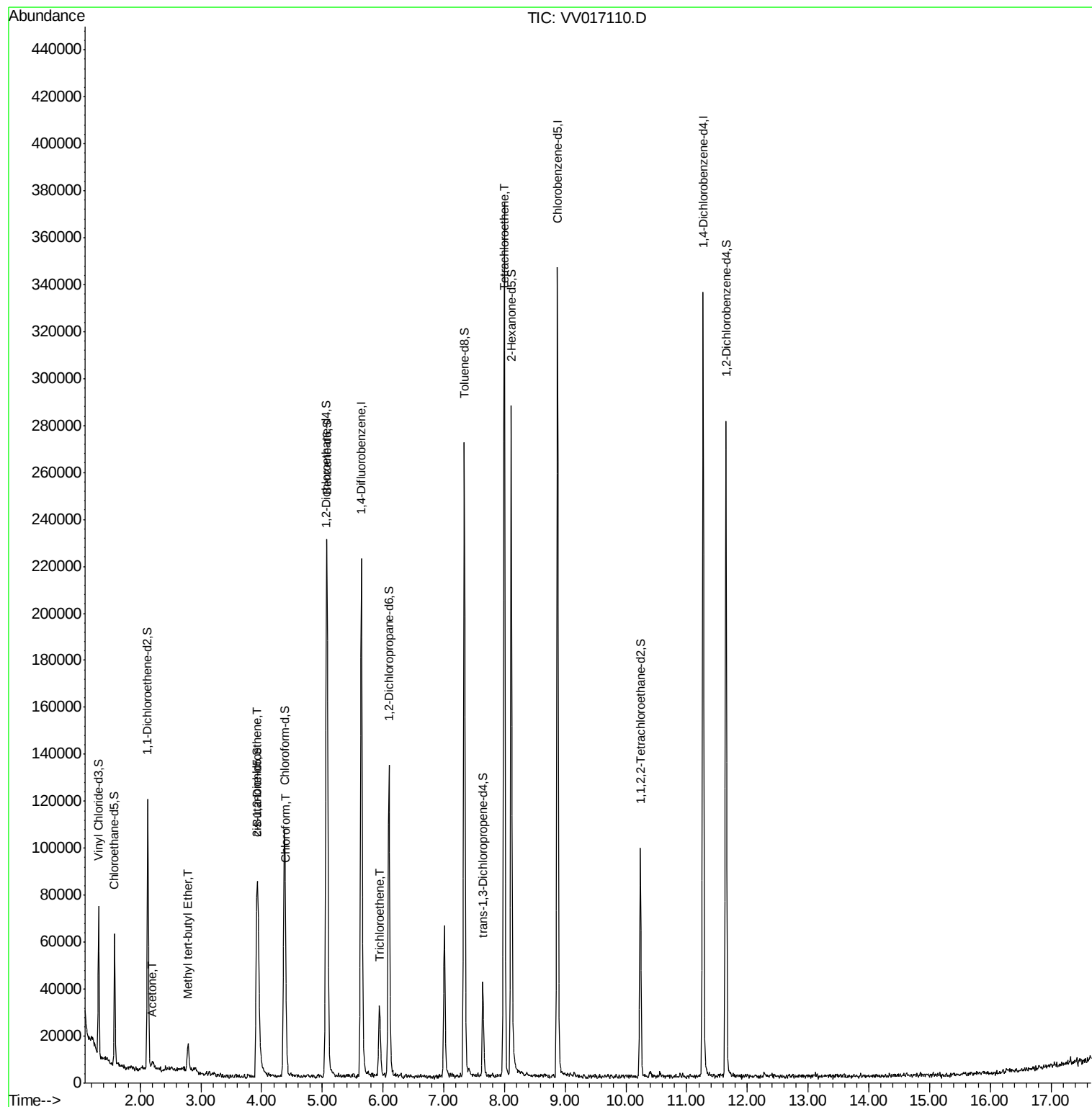
					Ovalue
13) Acetone	2.20	43	4524	3.199 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	10520	0.477 ug/L #	92
22) cis-1,2-Dichloroethene	3.94	96	16390	1.289 ug/L	97
25) Chloroform	4.40	83	5448	0.239 ug/L	95
34) Trichloroethene	5.94	95	10038	0.734 ug/L	91
49) Tetrachloroethene	8.00	164	81409	7.393 ug/L	97

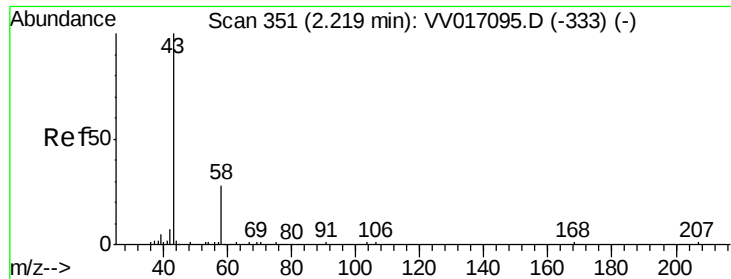
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.199 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV017110.D

Acq: 25 Jun 2020 07:29

Instrument :

MSVOA_V

ClientSampled :

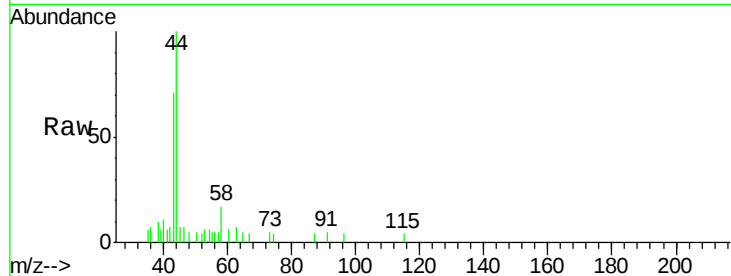
F9L63

Tot Ion: 43 Resp: 4524

Ion Ratio Lower Upper

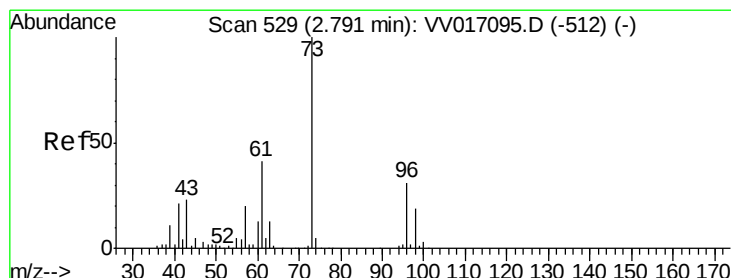
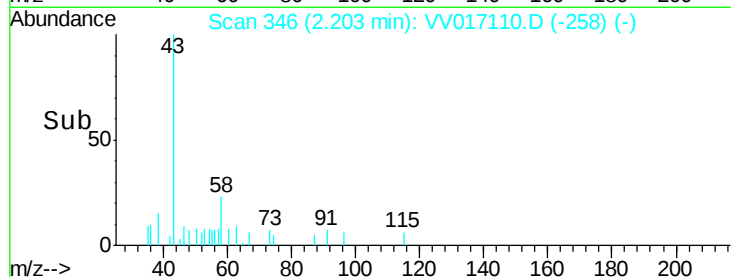
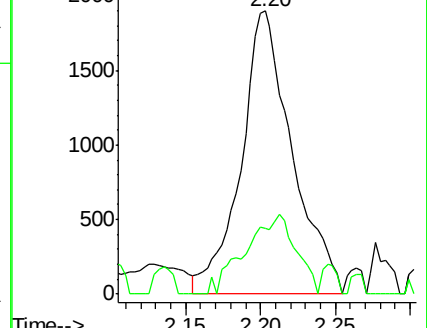
43 100

58 27.8 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017110.D (-258) (-)

Ion 58.05 (57.75 to 58.75): VV017110.D (-258) (-)



#17

Methyl tert-butyl Ether

Concen: 0.477 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV017110.D

Acq: 25 Jun 2020 07:29

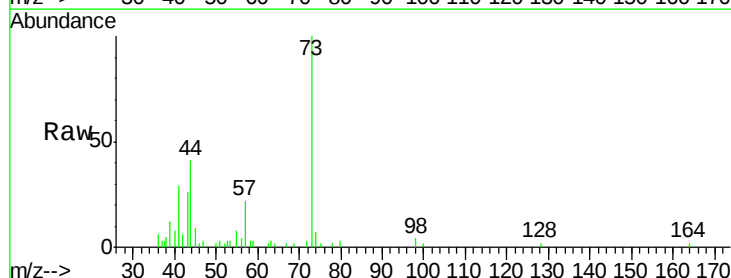
Tgt Ion: 73 Resp: 10520

Ion Ratio Lower Upper

73 100

43 25.8 18.6 28.0

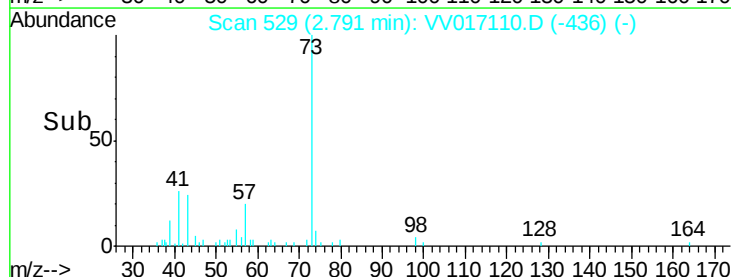
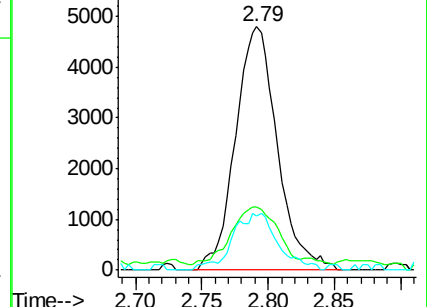
57 25.3 16.4 24.6#

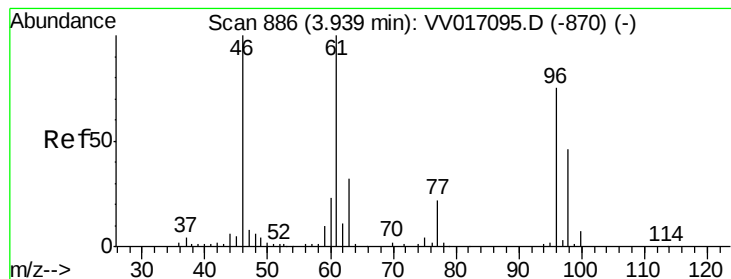


Abundance Ion 73.10 (72.80 to 73.80): VV017110.D (-436) (-)

Ion 43.05 (42.75 to 43.75): VV017110.D (-436) (-)

Ion 57.10 (56.80 to 57.80): VV017110.D (-436) (-)



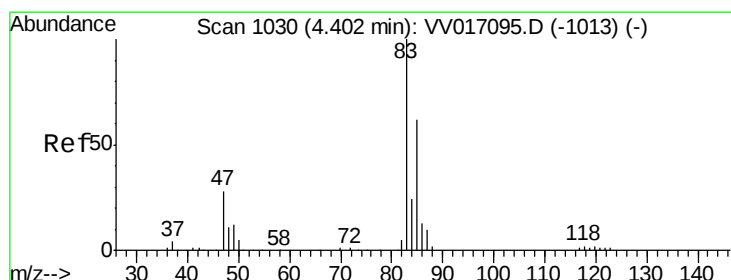
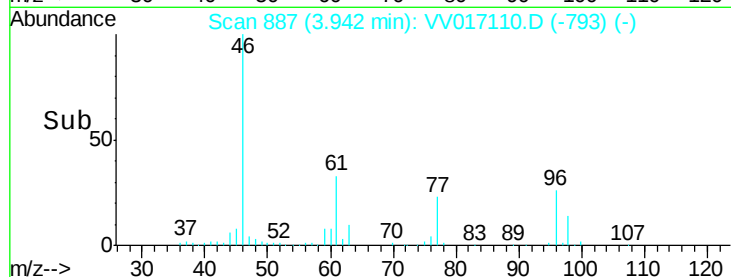
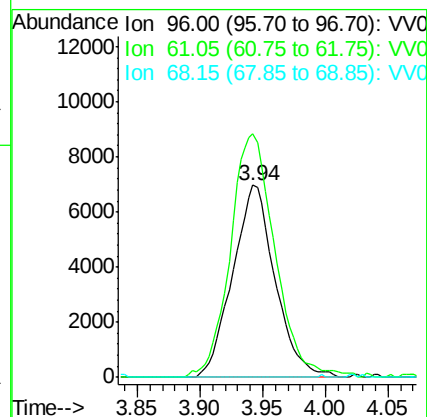
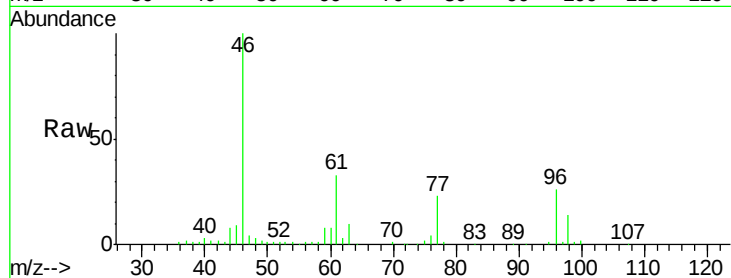


#22

cis-1,2-Dichloroethene
 Concen: 1.289 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV017110.D
 Acq: 25 Jun 2020 07:29

Instrument :
 MSVOA_V
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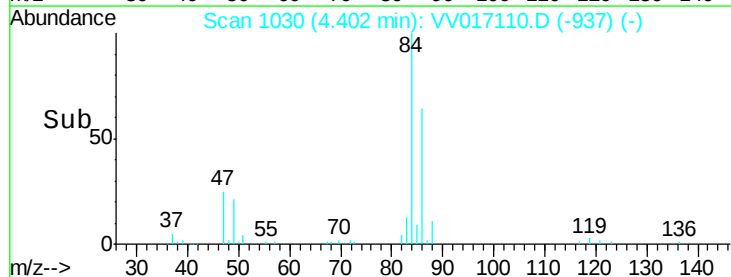
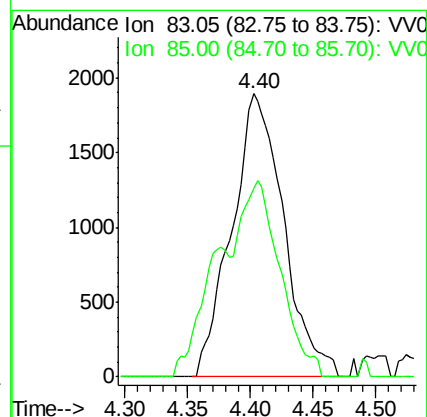
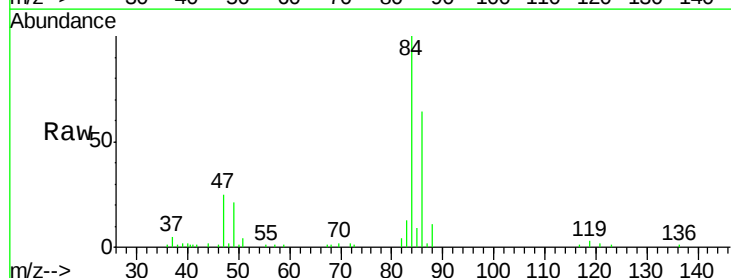
Tot Ion: 96 Resp: 16390
 Ion Ratio Lower Upper
 96 100
 61 126.9 91.0 169.0
 68 0.0 0.0 0.0

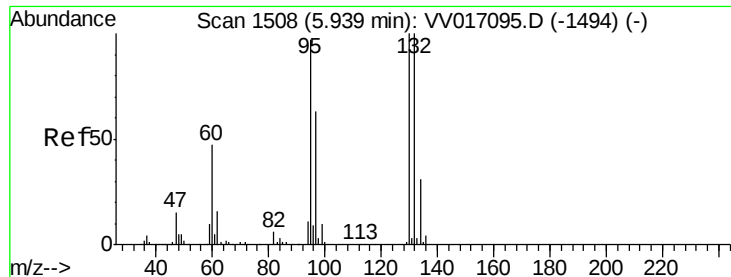


#25

Chloroform
 Concen: 0.239 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV017110.D
 Acq: 25 Jun 2020 07:29

Tgt Ion: 83 Resp: 5448
 Ion Ratio Lower Upper
 83 100
 85 66.7 44.2 82.2





#34

Trichloroethene

Concen: 0.734 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV017110.D

Acq: 25 Jun 2020 07:29

Instrument :

MSVOA_V

ClientSampleId :

F9L63

Tot Ion: 95 Resp: 10038

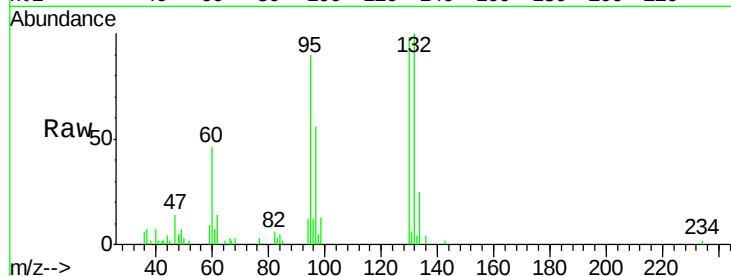
Ion Ratio Lower Upper

95 100

97 62.3 45.3 84.1

132 110.9 68.8 127.8

130 108.5 70.2 130.4

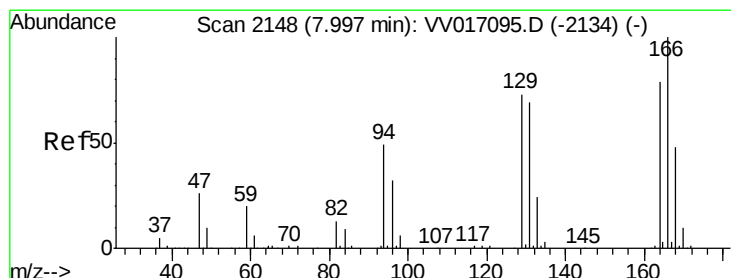
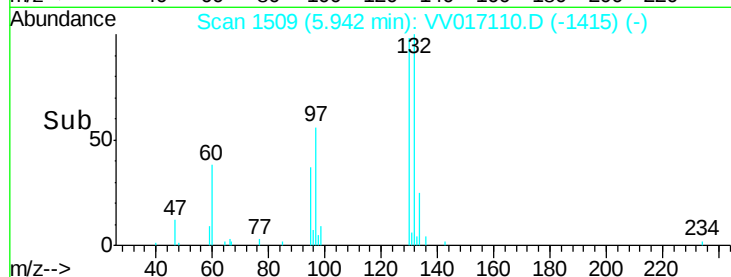
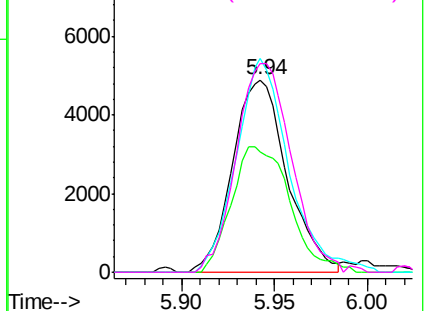


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 7.393 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017110.D

Acq: 25 Jun 2020 07:29

Tgt Ion: 164 Resp: 81409

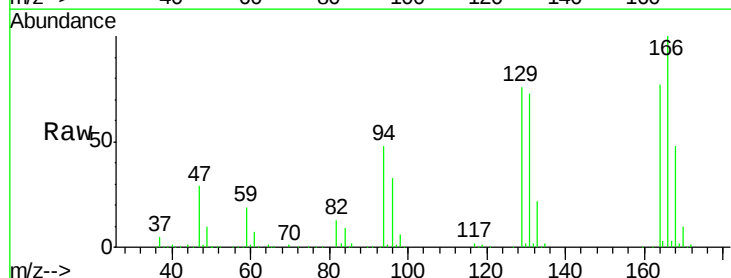
Ion Ratio Lower Upper

164 100

129 99.2 65.2 121.0

131 94.9 64.1 119.1

166 130.2 90.2 167.4



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

