

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017398.D
 Acq On : 09 Jul 2020 15:16
 Operator : SY/MD
 Sample : L3254-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A42

Quant Time: Jul 10 04:23:41 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	271997	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256737	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126373	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	59341	41.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.82%
7) Chloroethane-d5	1.58	69	46591	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.68%
11) 1,1-Dichloroethene-d2	2.12	63	100348	31.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.60%
21) 2-Butanone-d5	3.91	46	92007	95.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.13%
24) Chloroform-d	4.38	84	143360	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
26) 1,2-Dichloroethane-d4	5.06	65	103917	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
32) Benzene-d6	5.08	84	254676	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
36) 1,2-Dichloropropane-d6	6.10	67	74026	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.70%
41) Toluene-d8	7.34	98	233185	43.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.46%
43) trans-1,3-Dichloropropene-	7.64	79	41292	44.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.84%
47) 2-Hexanone-d5	8.11	63	60338	92.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.06%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	99448	44.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	101116	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%

Target Compounds

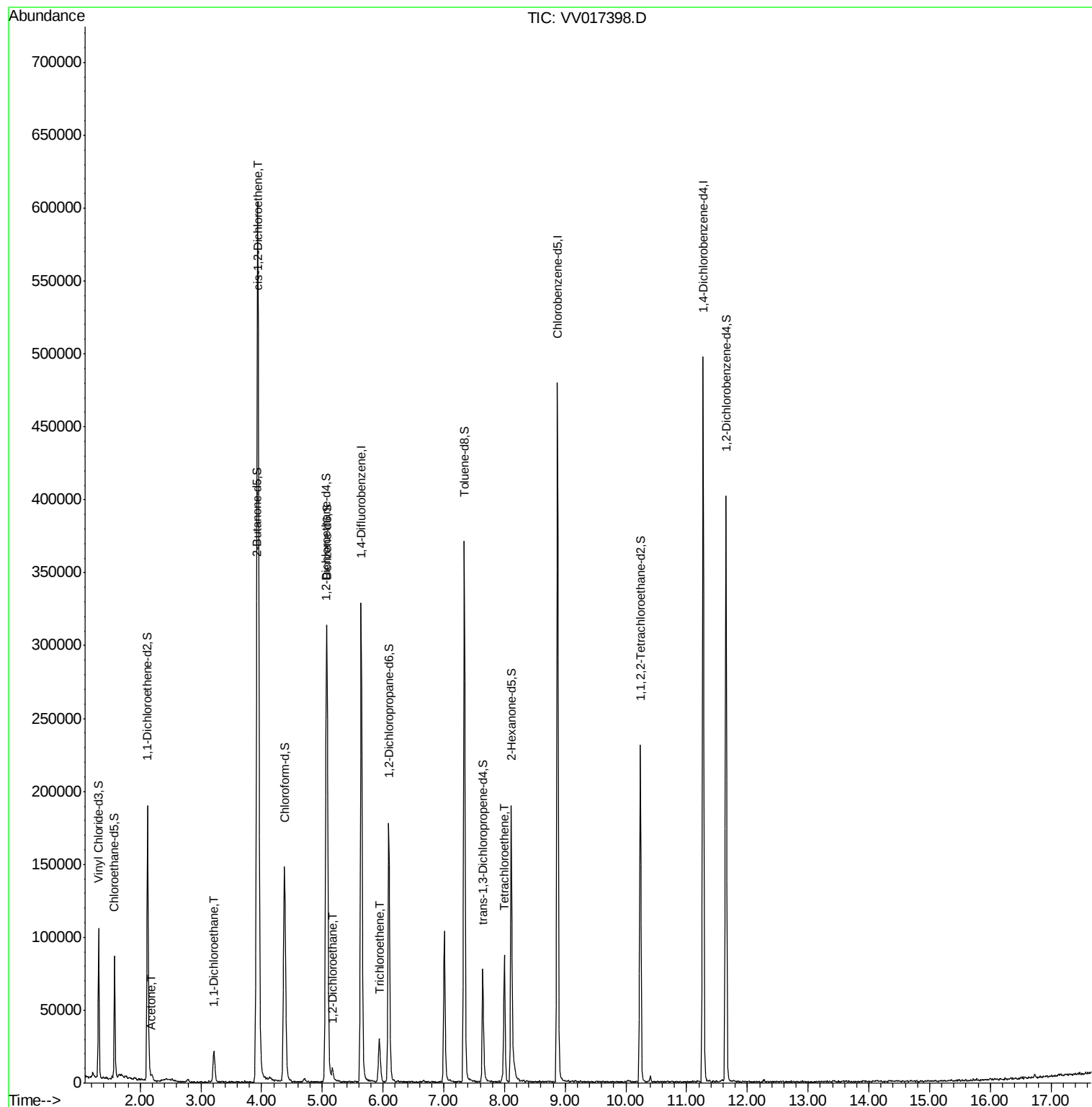
					Ovalue
13) Acetone	2.20	43	5060	3.843 ug/L	92
19) 1,1-Dichloroethane	3.21	63	20534	6.286 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	311382	163.579 ug/L	99
27) 1,2-Dichloroethane	5.16	62	7742	2.402 ug/L	100
34) Trichloroethene	5.94	95	7294	3.620 ug/L	95
46) Tetrachloroethene	8.00	164	19363	11.445 ug/L	96

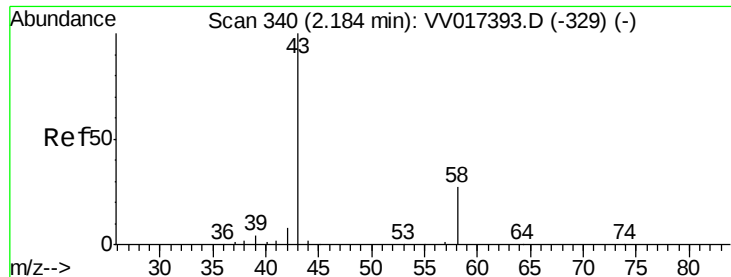
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 10 04:00:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.843 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017398.D

Acq: 09 Jul 2020 15:16

Instrument :

MSVOA_V

ClientSampled :

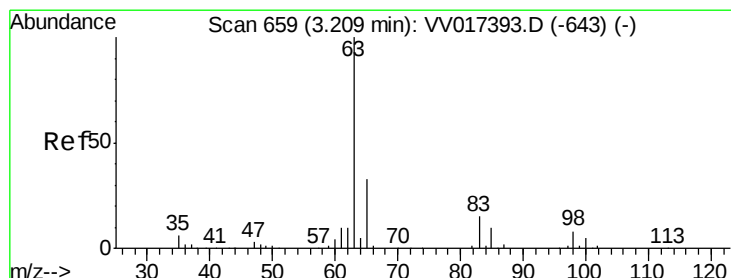
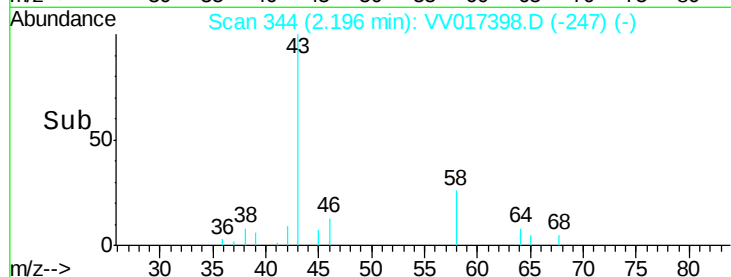
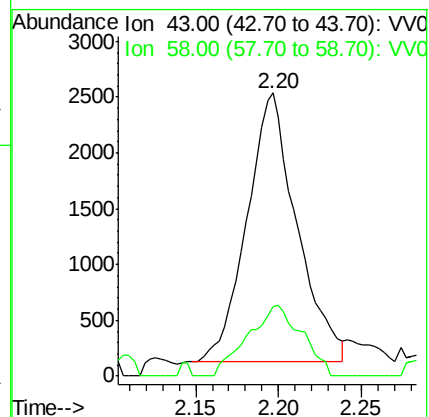
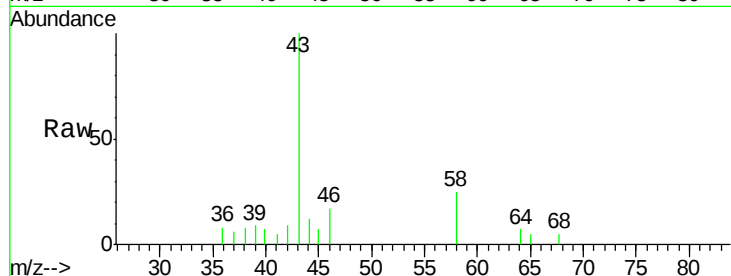
F4A42

Tot Ion: 43 Resp: 5060

Ion Ratio Lower Upper

43 100

58 24.0 0.0 56.0



#19

1,1-Dichloroethane

Concen: 6.286 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV017398.D

Acq: 09 Jul 2020 15:16

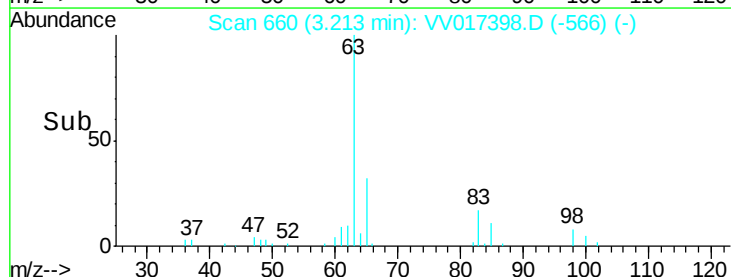
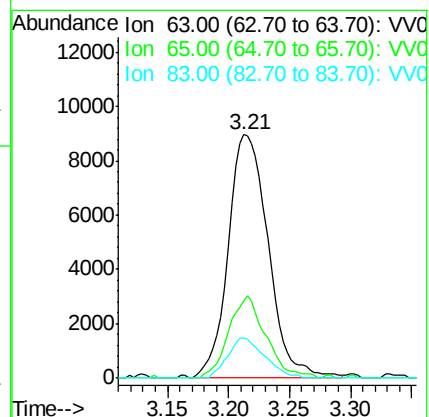
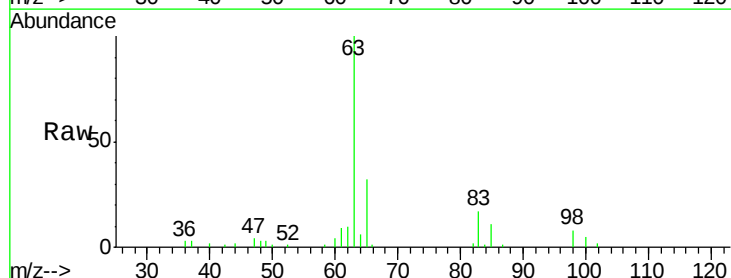
Tgt Ion: 63 Resp: 20534

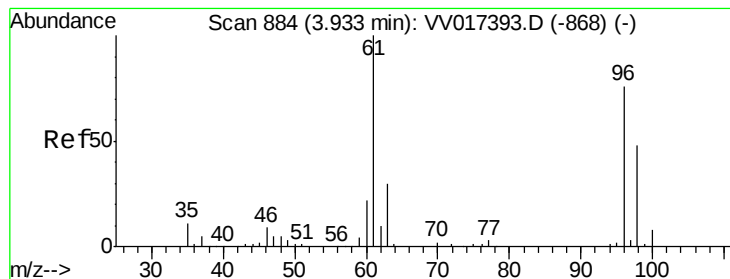
Ion Ratio Lower Upper

63 100

65 31.8 22.1 41.1

83 16.6 10.1 18.9



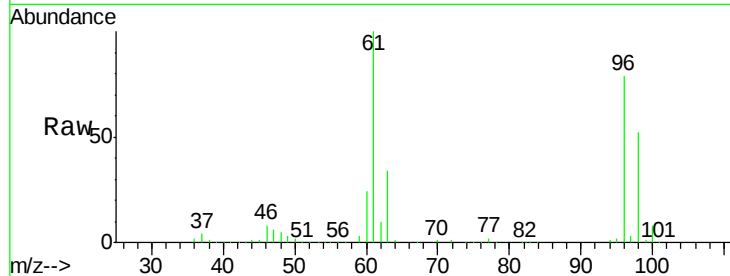


#20

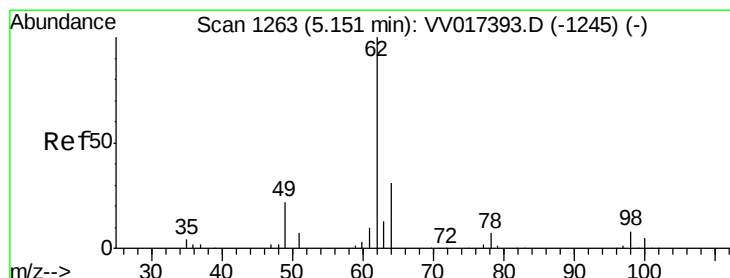
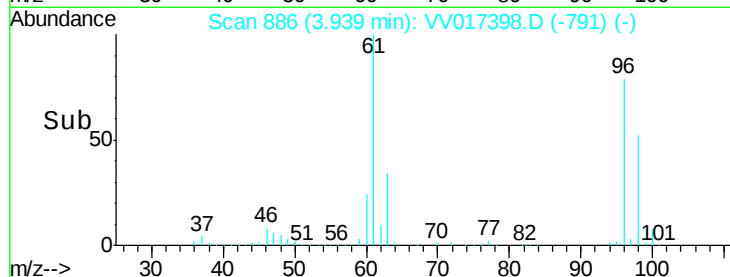
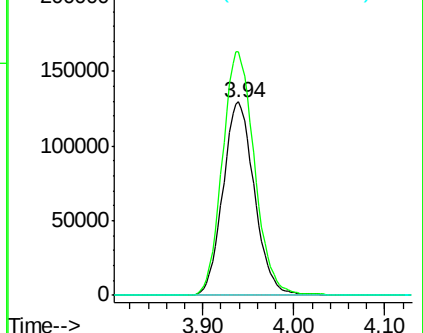
cis-1,2-Dichloroethene
Concen: 163.579 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV017398.D
Acq: 09 Jul 2020 15:16

Instrument :
MSVOA_V
ClientSampleId :
F4A42

Tot Ion: 96 Resp: 311382
Ion Ratio Lower Upper
96 100
61 126.0 88.9 165.1
68 0.0 0.0 0.0



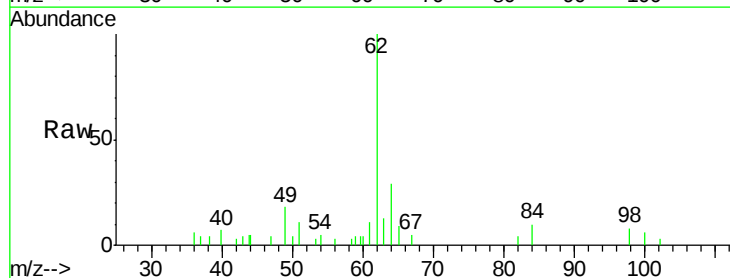
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



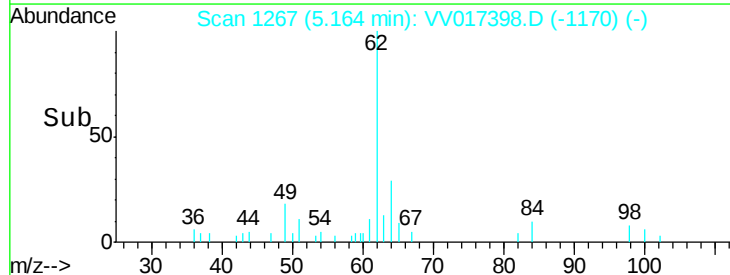
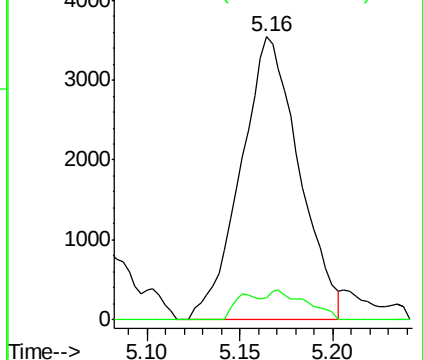
#27

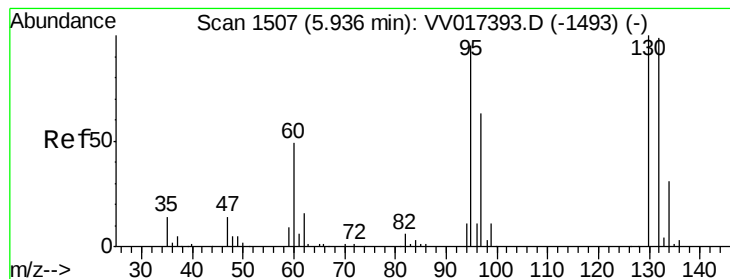
1,2-Dichloroethane
Concen: 2.402 ug/L
RT: 5.16 min Scan# 1267
Delta R.T. 0.01 min
Lab File: VV017398.D
Acq: 09 Jul 2020 15:16

Tgt Ion: 62 Resp: 7742
Ion Ratio Lower Upper
62 100
98 7.9 6.4 9.6



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#34

Trichloroethene

Concen: 3.620 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017398.D

Acq: 09 Jul 2020 15:16

Instrument :

MSVOA_V

ClientSampleId :

F4A42

Tot Ion: 95 Resp: 7294

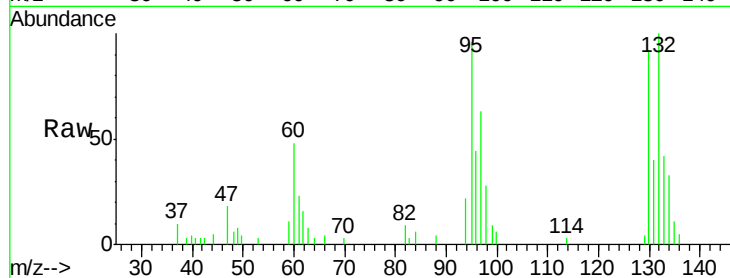
Ion Ratio Lower Upper

95 100

97 65.8 45.6 84.6

132 103.9 74.1 137.5

130 95.9 75.5 140.3

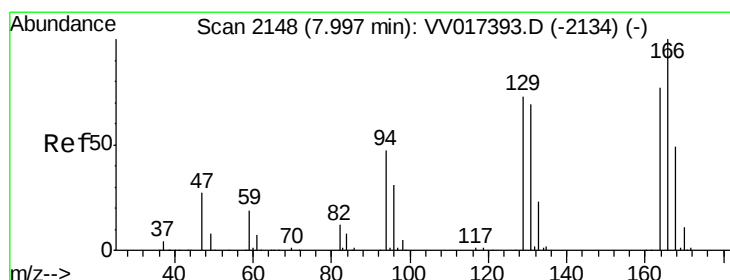
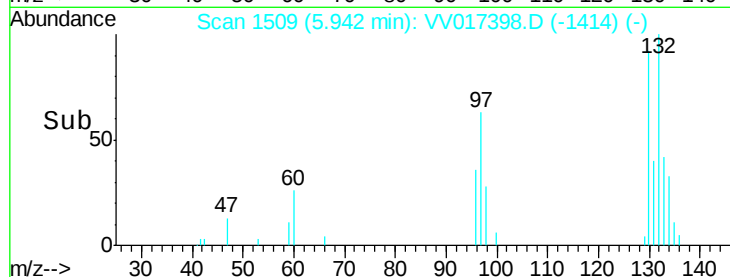
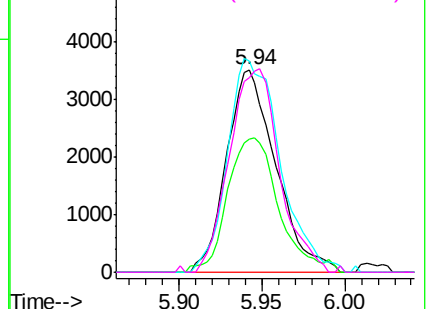


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 11.445 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017398.D

Acq: 09 Jul 2020 15:16

Tgt Ion: 164 Resp: 19363

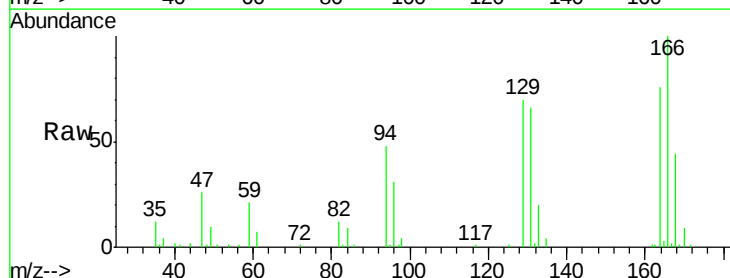
Ion Ratio Lower Upper

164 100

129 92.7 66.6 123.8

131 86.5 65.5 121.7

166 131.5 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

