

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017403.D
 Acq On : 09 Jul 2020 17:12
 Operator : SY/MD
 Sample : L3254-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A52

Quant Time: Jul 10 04:03:11 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	281677	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	266349	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61515	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.90%
7) Chloroethane-d5	1.58	69	46812	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.88%
11) 1,1-Dichloroethene-d2	2.12	63	103381	31.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.28%
21) 2-Butanone-d5	3.91	46	93191	93.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.04%
24) Chloroform-d	4.38	84	142649	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	5.06	65	108179	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.08	84	258802	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
36) 1,2-Dichloropropane-d6	6.09	67	75689	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.36%
41) Toluene-d8	7.34	98	243881	44.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.18%
43) trans-1,3-Dichloropropene-	7.64	79	42042	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.20%
47) 2-Hexanone-d5	8.11	63	61227	90.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	100804	43.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	105120	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%

Target Compounds

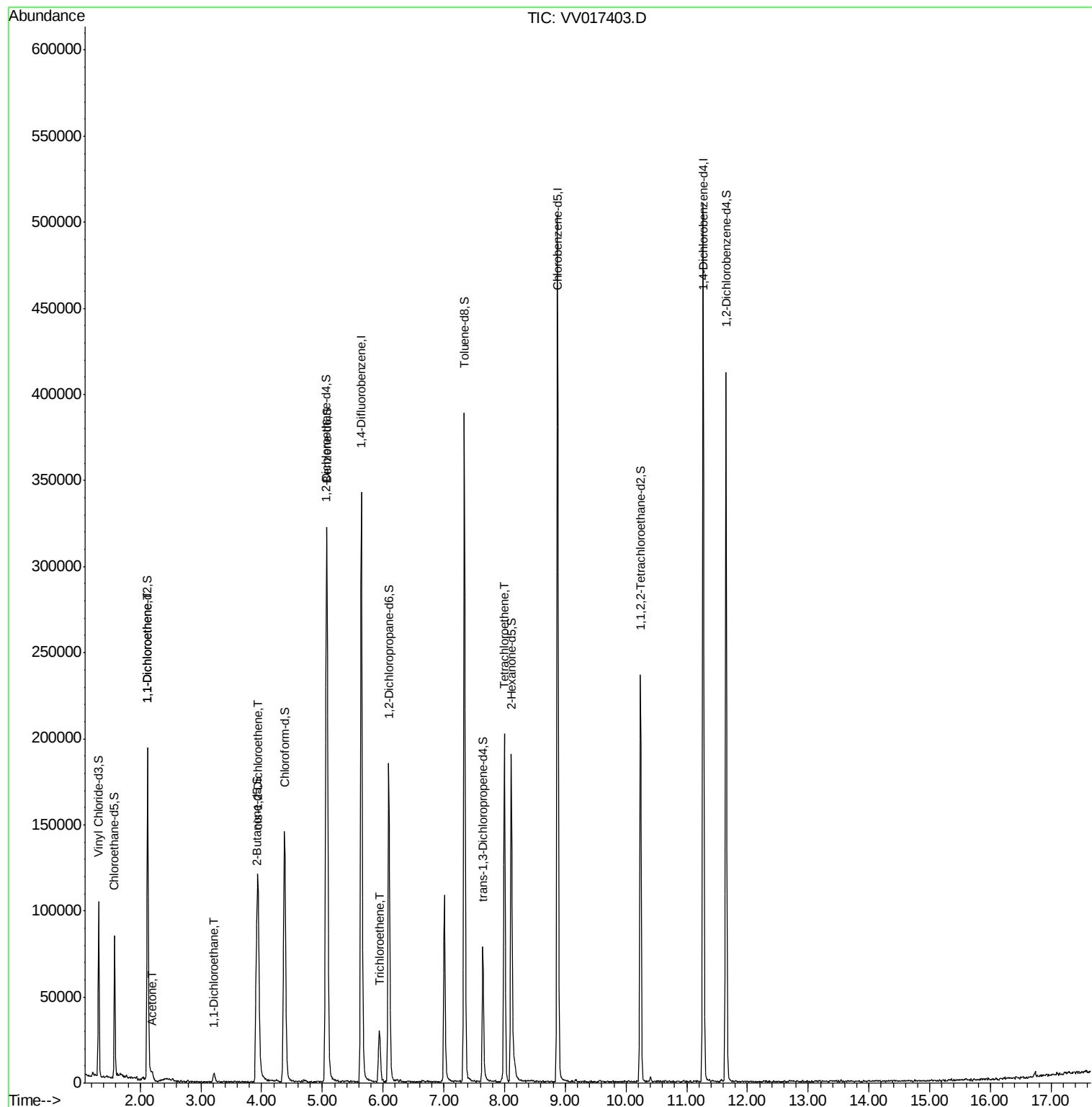
					Ovalue
12) 1,1-Dichloroethene	2.13	96	2061	1.218 ug/L	# 1
13) Acetone	2.19	43	7634	5.599 ug/L	98
19) 1,1-Dichloroethane	3.21	63	5002	1.479 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	55539	28.174 ug/L	95
34) Trichloroethene	5.94	95	7565	3.619 ug/L	88
46) Tetrachloroethene	8.00	164	43471	24.767 ug/L	95

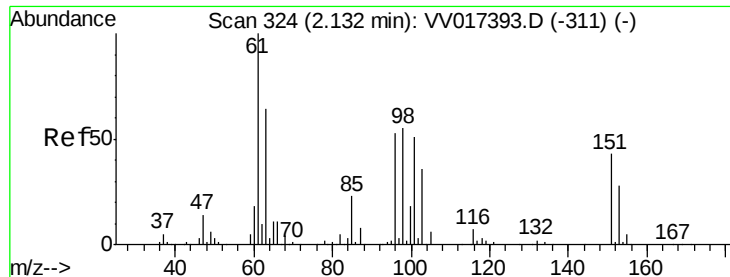
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.218 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

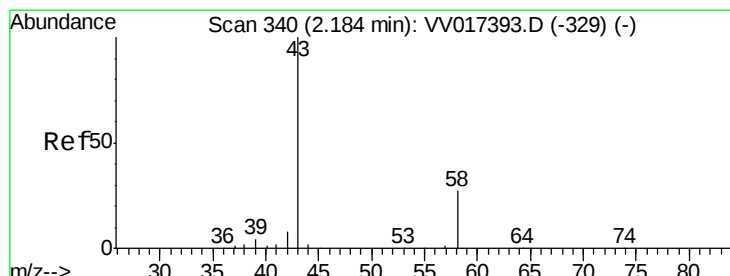
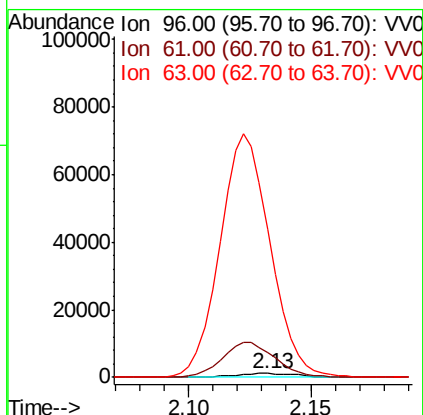
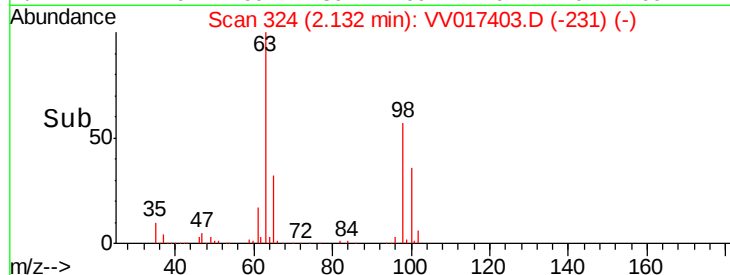
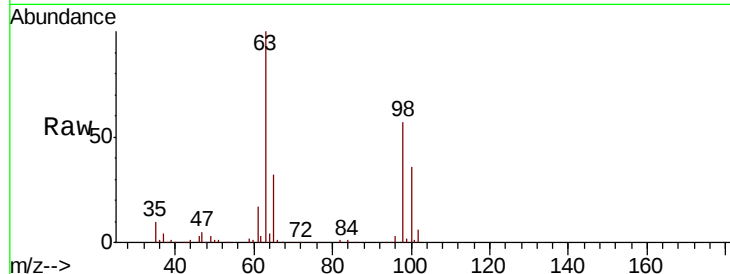
Lab File: VV017403.D

Acq: 09 Jul 2020 17:12

Instrument :
MSVOA_V
ClientSampleId :
F4A52

Tot Ion: 96 Resp: 2061

Ion	Ratio	Lower	Upper
96	100		
61	653.8	132.7	246.4#
63	3867.0	103.3	191.8#



#13

Acetone

Concen: 5.599 ug/L

RT: 2.19 min Scan# 342

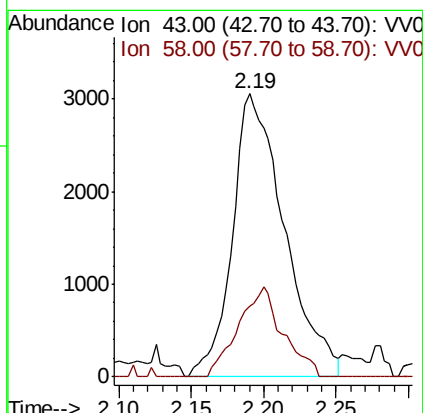
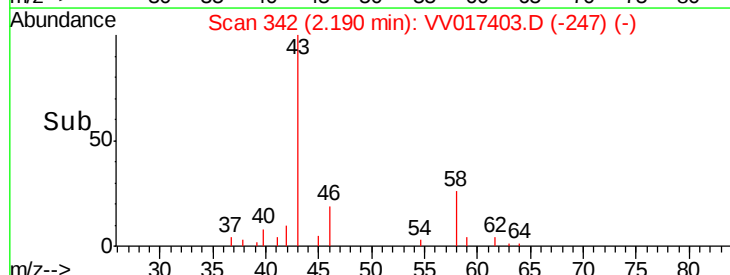
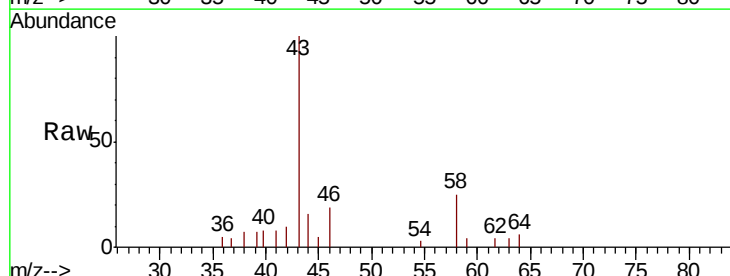
Delta R.T. 0.01 min

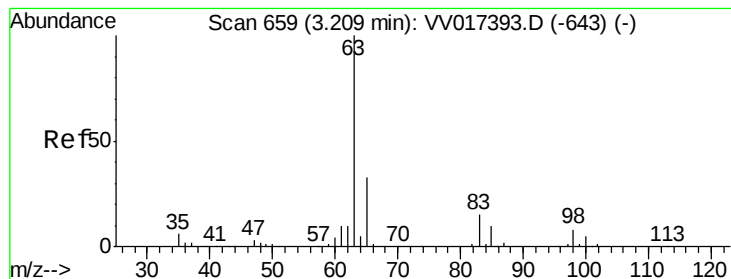
Lab File: VV017403.D

Acq: 09 Jul 2020 17:12

Tgt Ion: 43 Resp: 7634

Ion	Ratio	Lower	Upper
43	100		
58	27.2	0.0	56.0





#19

1,1-Dichloroethane

Concen: 1.479 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV017403.D

Acq: 09 Jul 2020 17:12

Instrument :

MSVOA_V

ClientSampled :

F4A52

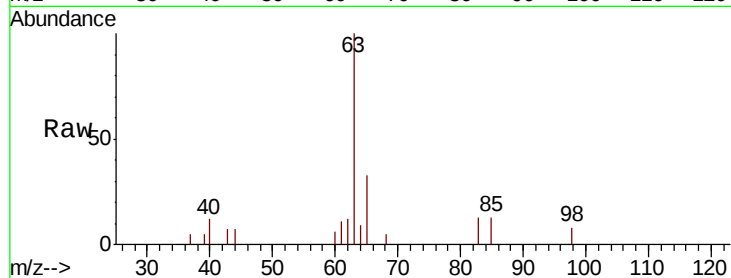
Tot Ion: 63 Resp: 5002

Ion Ratio Lower Upper

63 100

65 33.0 22.1 41.1

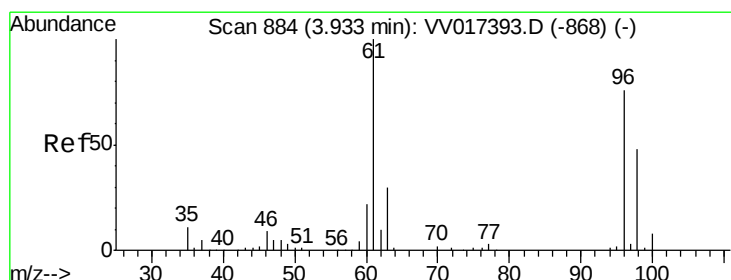
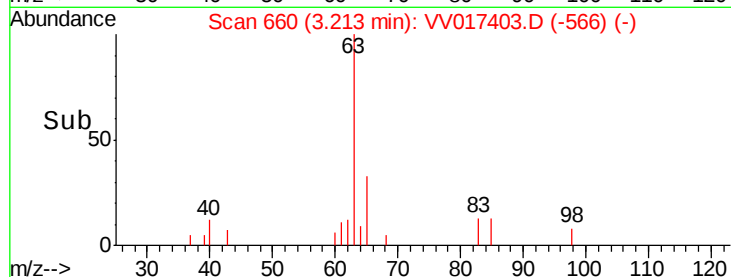
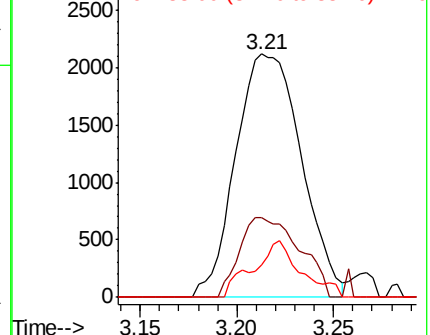
83 13.1 10.1 18.9



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 28.174 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV017403.D

Acq: 09 Jul 2020 17:12

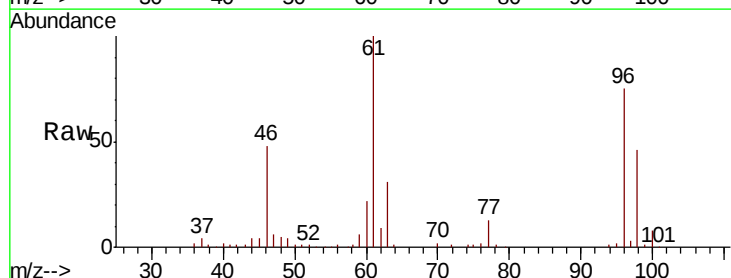
Tgt Ion: 96 Resp: 55539

Ion Ratio Lower Upper

96 100

61 133.0 88.9 165.1

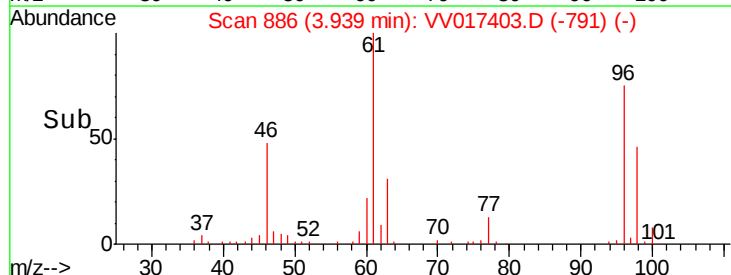
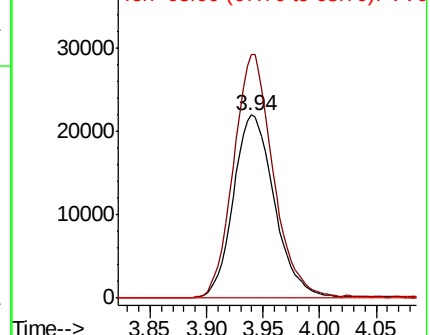
68 0.0 0.0 0.0

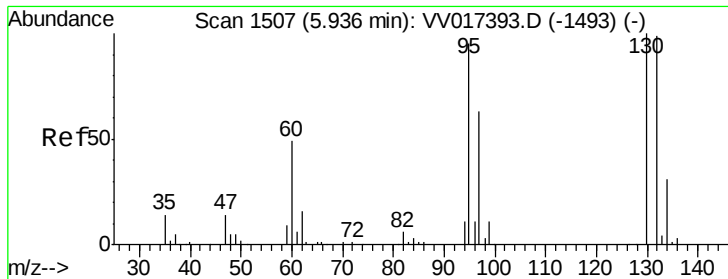


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 3.619 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV017403.D

Acq: 09 Jul 2020 17:12

Instrument :

MSVOA_V

ClientSampleId :

F4A52

Tot Ion: 95 Resp: 7565

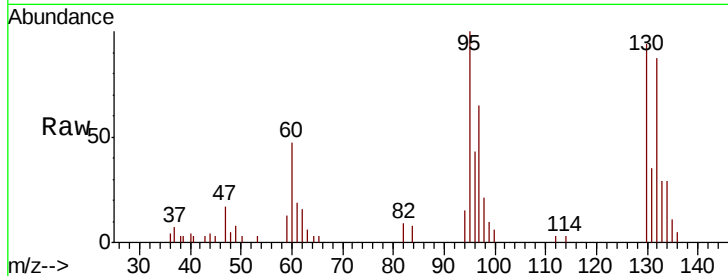
Ion Ratio Lower Upper

95 100

97 65.4 45.6 84.6

132 87.2 74.1 137.5

130 94.4 75.5 140.3

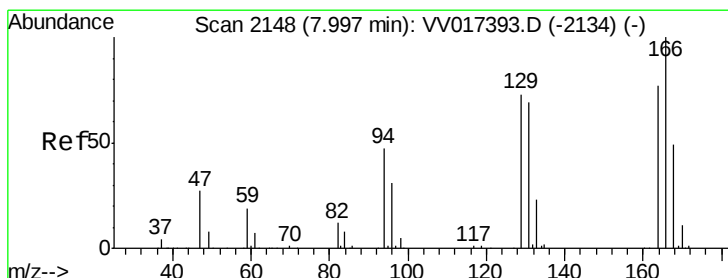
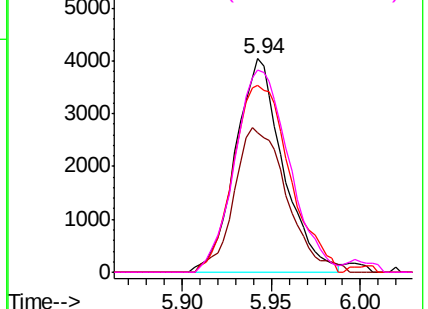
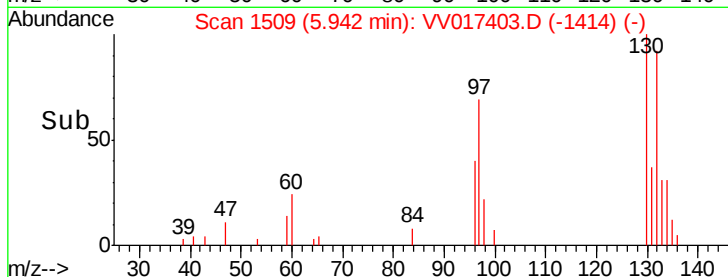


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 24.767 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017403.D

Acq: 09 Jul 2020 17:12

Tgt Ion: 164 Resp: 43471

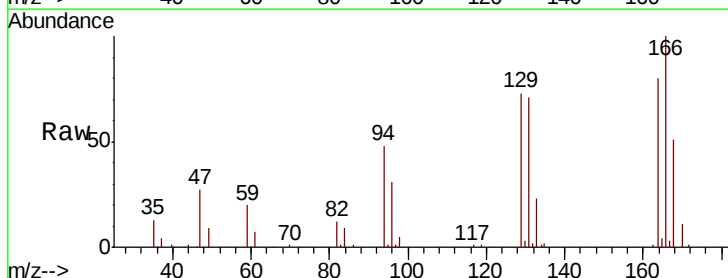
Ion Ratio Lower Upper

164 100

129 91.3 66.6 123.8

131 89.2 65.5 121.7

166 125.7 93.9 174.5



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

