

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070920\
 Data File : VV017412.D
 Acq On : 09 Jul 2020 20:41
 Operator : SY/MD
 Sample : L3253-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A20

Quant Time: Jul 10 04:04:08 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	272950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	257180	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57214	40.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.52%
7) Chloroethane-d5	1.58	69	42953	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.06%
11) 1,1-Dichloroethene-d2	2.12	63	98974	30.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.52%
21) 2-Butanone-d5	3.91	46	90357	93.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.38	84	140502	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.50%
26) 1,2-Dichloroethane-d4	5.06	65	103239	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
32) Benzene-d6	5.08	84	249652	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.88%
36) 1,2-Dichloropropane-d6	6.09	67	73143	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.44%
41) Toluene-d8	7.34	98	231349	43.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.62%
43) trans-1,3-Dichloropropene-	7.64	79	40665	43.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.34%
47) 2-Hexanone-d5	8.11	63	59166	90.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	96942	43.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	100364	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

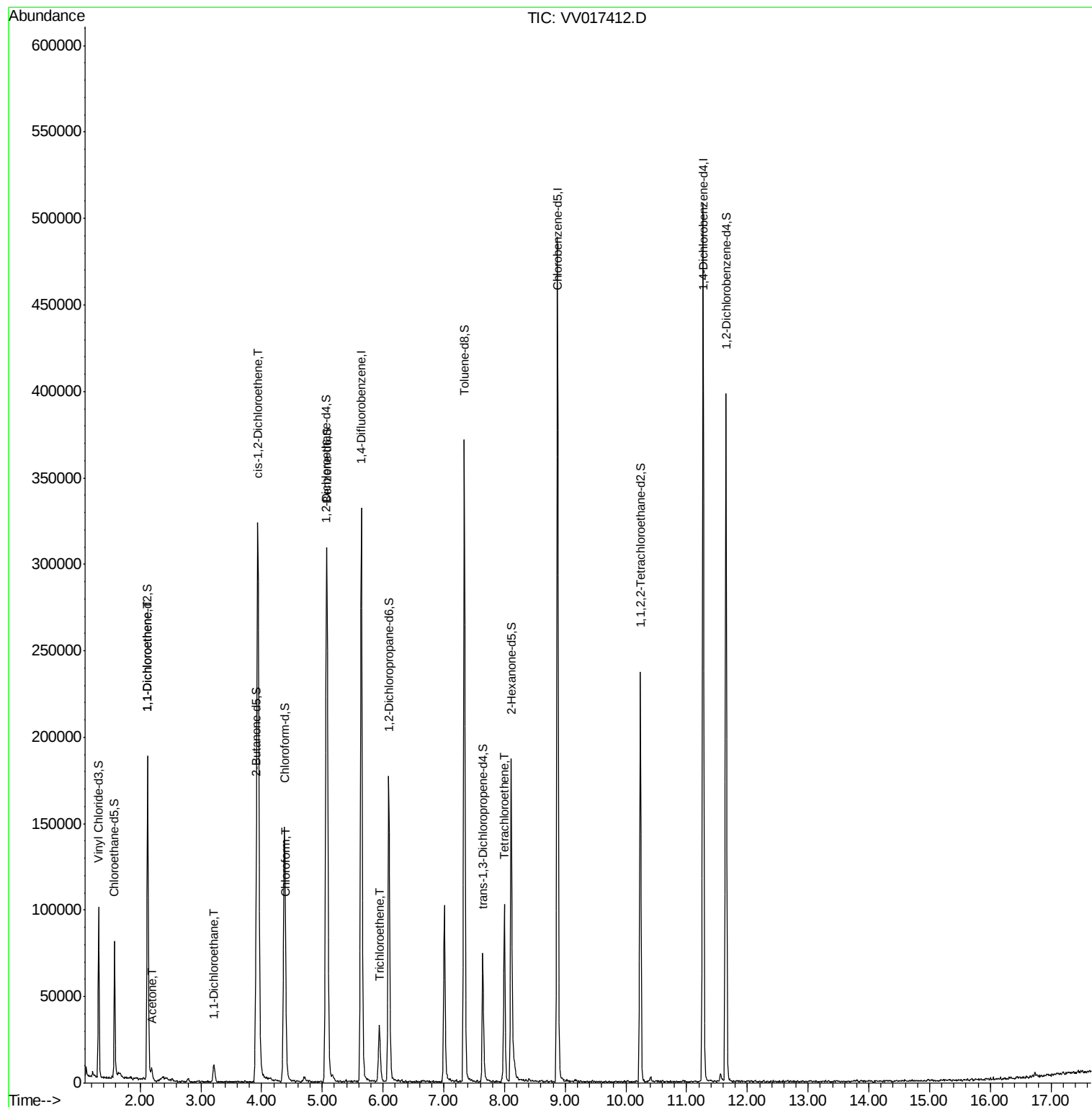
					Ovalue
12) 1,1-Dichloroethene	2.13	96	1672	1.020 ug/L	# 1
13) Acetone	2.19	43	7856	5.946 ug/L	92
19) 1,1-Dichloroethane	3.21	63	9825	2.997 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	163039	85.351 ug/L	96
25) Chloroform	4.41	83	3915	1.064 ug/L	81
34) Trichloroethene	5.94	95	7556	3.744 ug/L	97
46) Tetrachloroethene	8.00	164	22596	13.333 ug/L	96

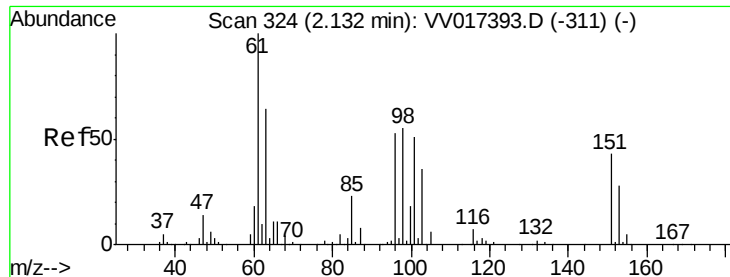
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 1.020 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017412.D

Acq: 09 Jul 2020 20:41

Instrument :

MSVOA_V

ClientSampleId :

F4A20

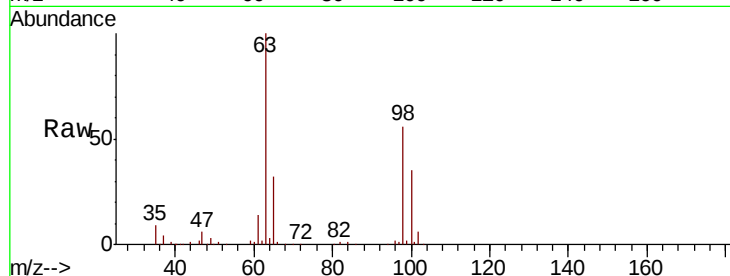
Tot Ion: 96 Resp: 1672

Ion Ratio Lower Upper

96 100

61 886.1 132.7 246.4#

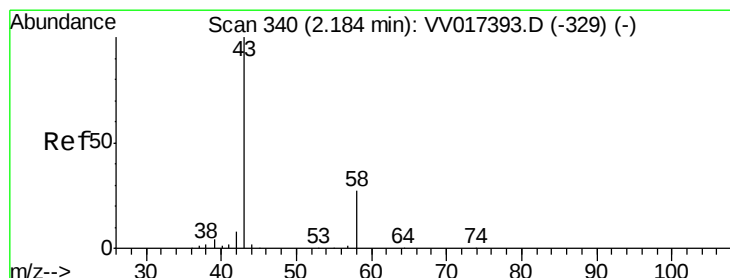
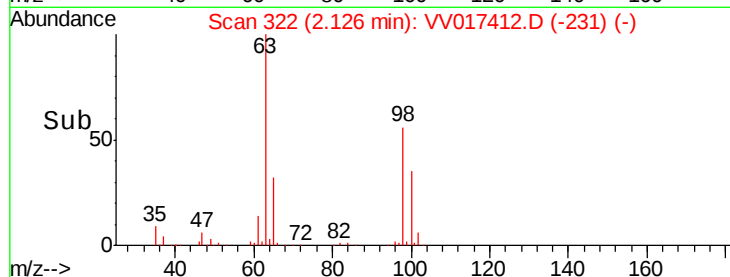
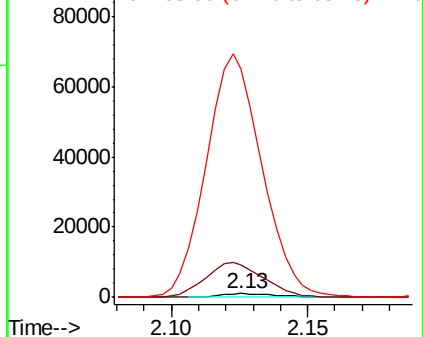
63 6254.0 103.3 191.8#



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: 5.946 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017412.D

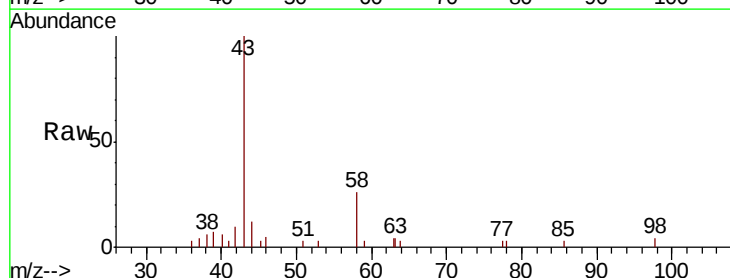
Acq: 09 Jul 2020 20:41

Tgt Ion: 43 Resp: 7856

Ion Ratio Lower Upper

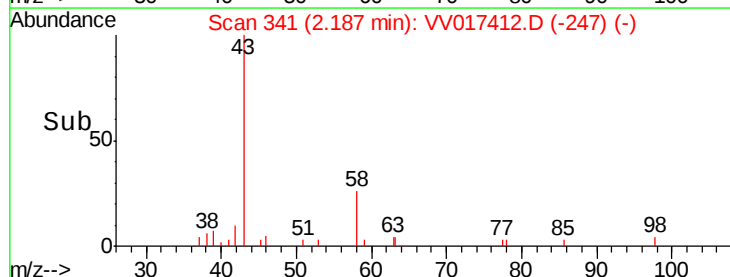
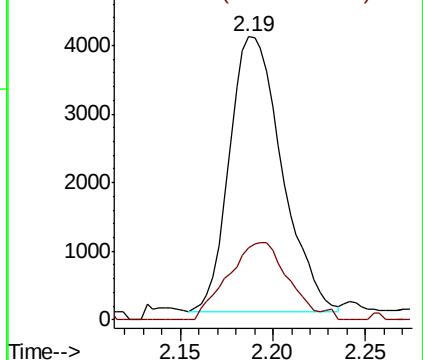
43 100

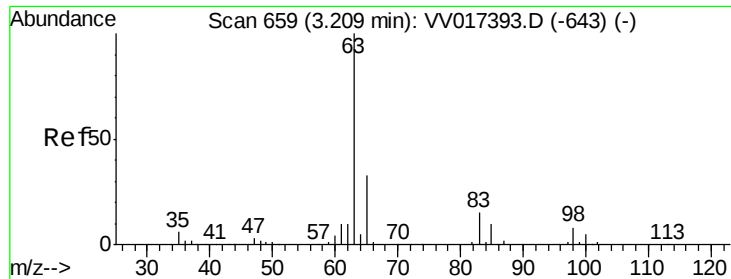
58 32.1 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

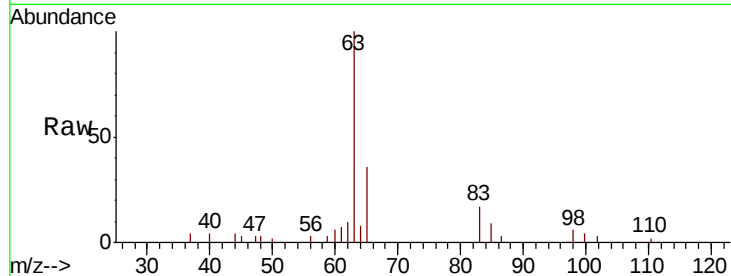




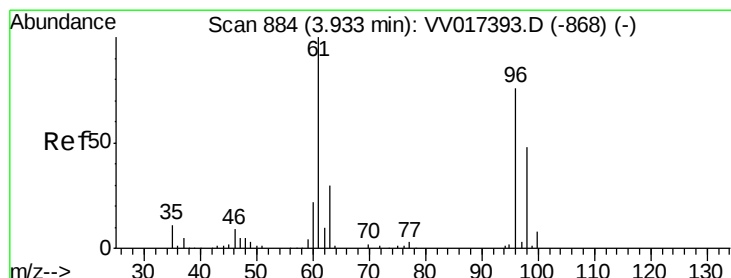
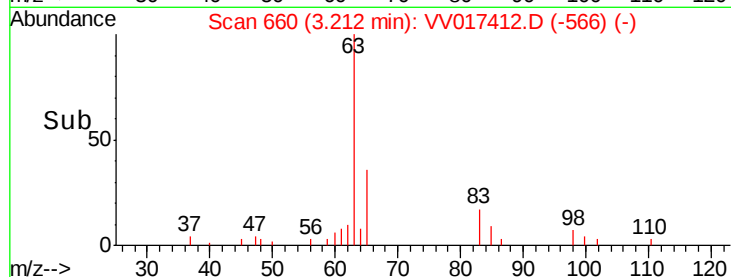
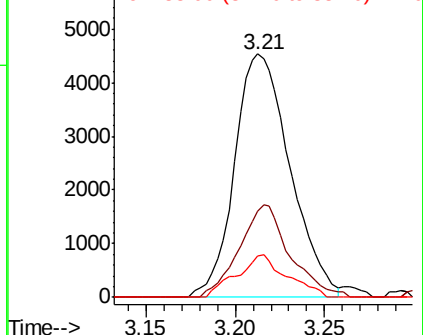
#19
 1,1-Dichloroethane
 Concen: 2.997 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VV017412.D
 Acq: 09 Jul 2020 20:41

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A20

Tot Ion: 63 Resp: 9825
 Ion Ratio Lower Upper
 63 100
 65 35.6 22.1 41.1
 83 16.8 10.1 18.9

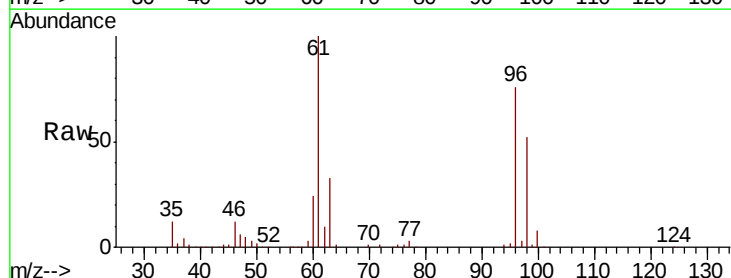


Abundance Ion 63.00 (62.70 to 63.70): VV0
 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

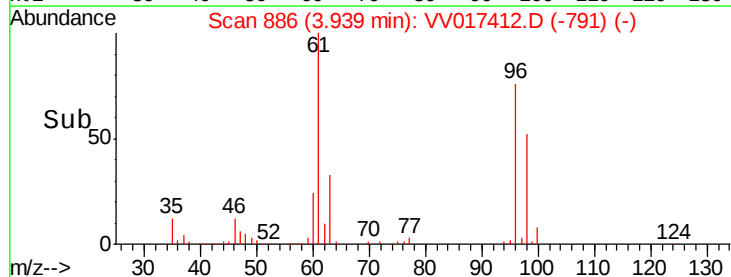
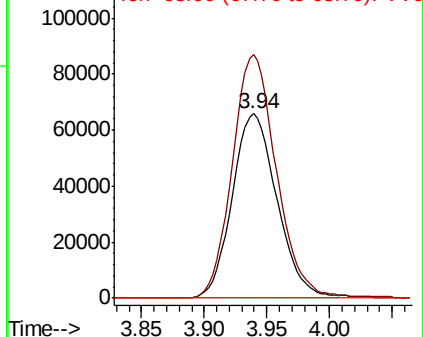


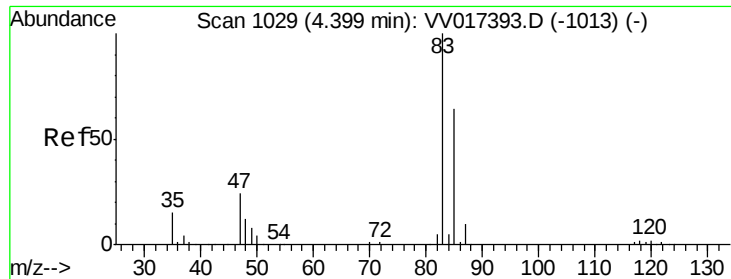
#20
 cis-1,2-Dichloroethene
 Concen: 85.351 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV017412.D
 Acq: 09 Jul 2020 20:41

Tgt Ion: 96 Resp: 163039
 Ion Ratio Lower Upper
 96 100
 61 132.1 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

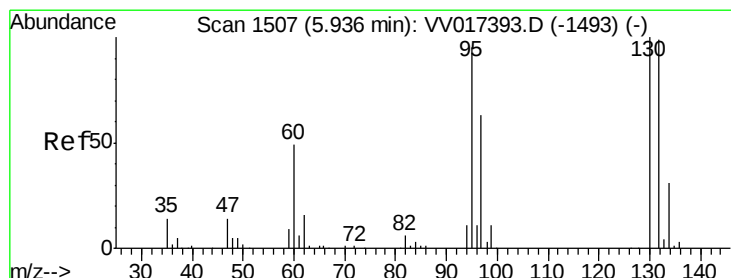
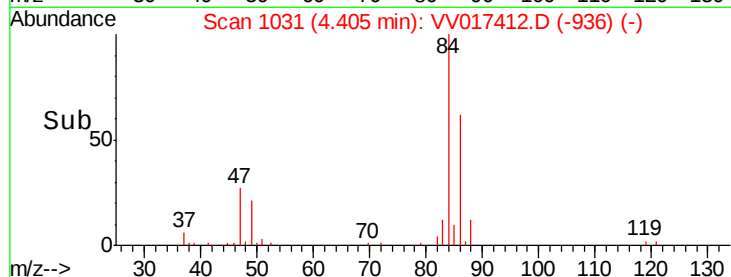
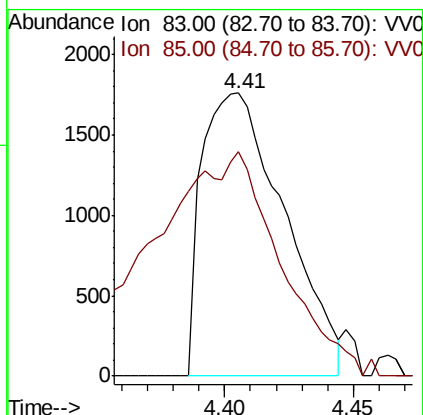
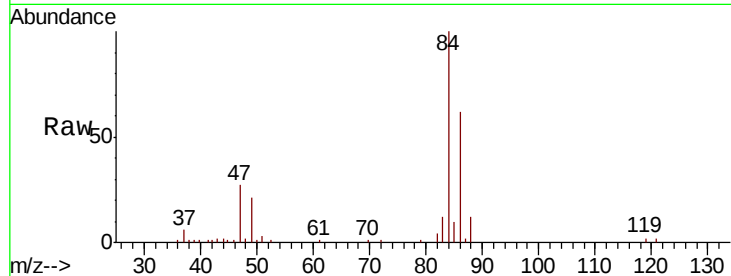




#25
Chloroform
Concen: 1.064 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017412.D
Acq: 09 Jul 2020 20:41

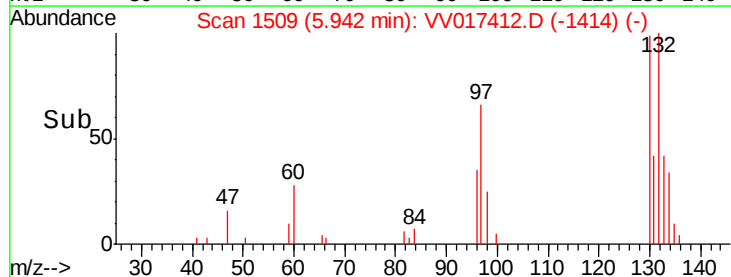
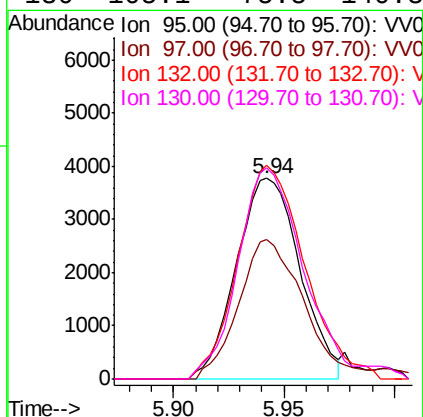
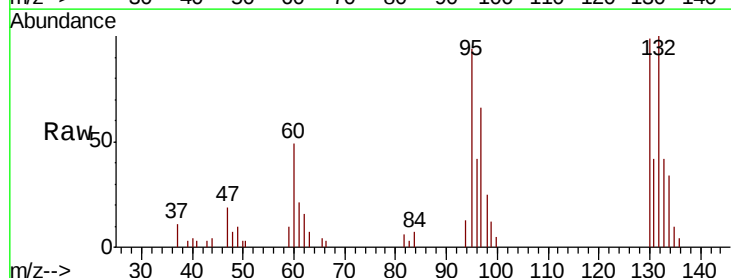
Instrument :
MSVOA_V
ClientSampled :
F4A20

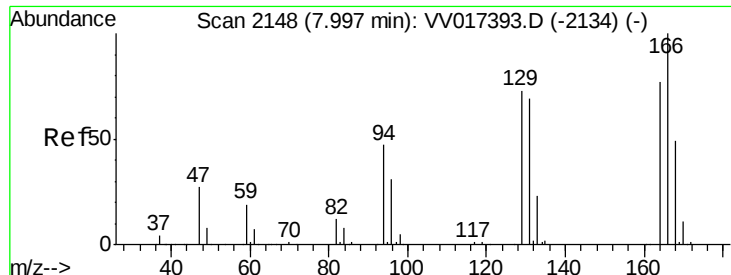
Tot Ion: 83 Resp: 3915
Ion Ratio Lower Upper
83 100
85 79.3 45.1 83.9



#34
Trichloroethene
Concen: 3.744 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017412.D
Acq: 09 Jul 2020 20:41

Tgt Ion: 95 Resp: 7556
Ion Ratio Lower Upper
95 100
97 69.8 45.6 84.6
132 106.4 74.1 137.5
130 105.1 75.5 140.3





#46

Tetrachloroethene

Concen: 13.333 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017412.D

Acq: 09 Jul 2020 20:41

Instrument :
MSVOA_V
ClientSampleId :
F4A20

Tot Ion:164 Resp: 22596

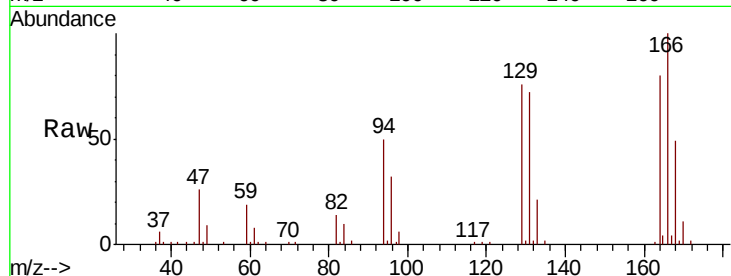
Ion Ratio Lower Upper

164 100

129 95.2 66.6 123.8

131 90.1 65.5 121.7

166 125.2 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

