

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017865.D
 Acq On : 13 Jan 2021 22:11
 Operator : SY/VA
 Sample : M1099-09
 Misc : 4.50G/10ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1COO

Quant Time: Jan 14 15:11:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	275170	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	216900	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	67474	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	109916	25.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.28%
7) Chloroethane-d5	2.89	69	88253	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	4.02	63	132796	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.08	46	50698	73.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.94%#
24) Chloroform-d	7.65	84	173570	24.14	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.56%
26) 1,2-Dichloroethane-d4	8.31	65	111564	29.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.92%
29) Benzene-d6	8.27	84	331736	27.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.60%
33) 1,2-Dichloropropane-d6	9.27	67	100990	29.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.96%
37) Toluene-d8	10.32	98	269849	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.00%
38) trans-1,3-Dichloropropene-	10.58	79	31433	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	33357	78.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.74%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84628	33.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.40%#
61) 1,2-Dichlorobenzene-d4	13.85	152	58219	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds

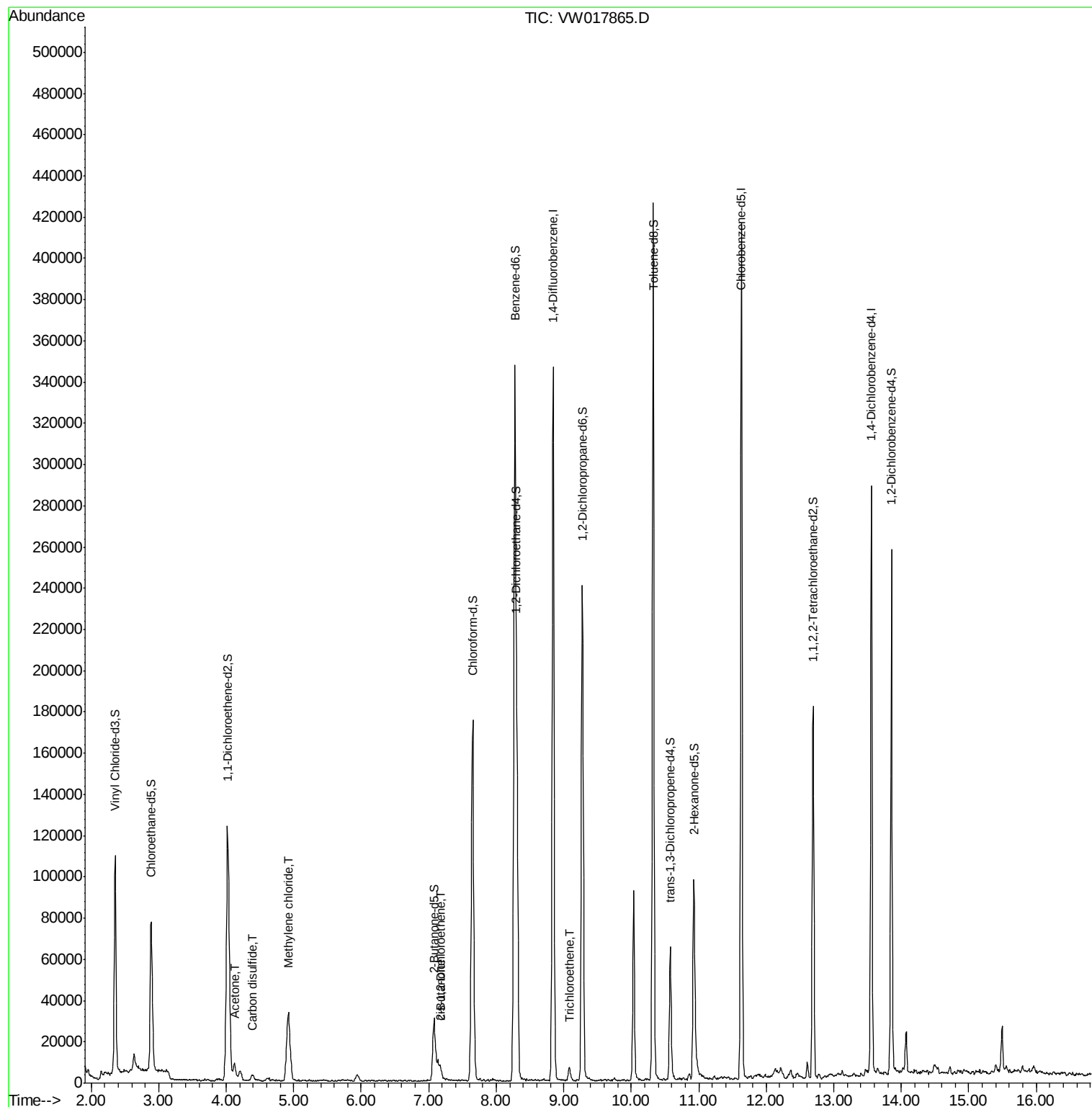
					Ovalue
13) Acetone	4.12	43	14531	24.386	ug/L 99
14) Carbon disulfide	4.39	76	5218	0.515	ug/L 98
16) Methylene chloride	4.92	84	27395	6.962	ug/L 97
21) 2-Butanone	7.17	43	5547	6.921	ug/L # 68
22) cis-1,2-Dichloroethene	7.17	96	761	0.198	ug/L 91
35) Trichloroethene	9.09	95	834	0.243	ug/L # 60

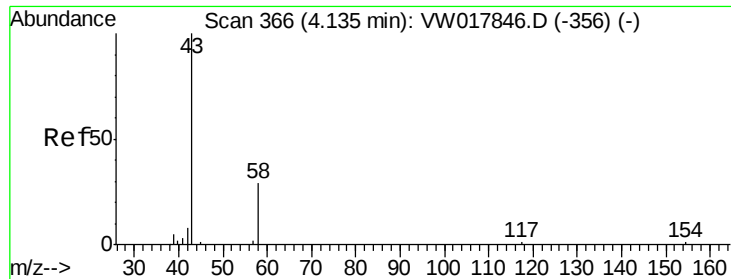
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 14 11:39:57 2021
Response via : Initial Calibration





#13

Acetone

Concen: 24.386 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

Instrument :

MSVOA_W

ClientSampleId :

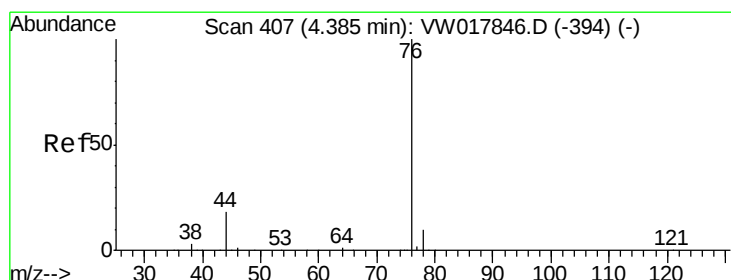
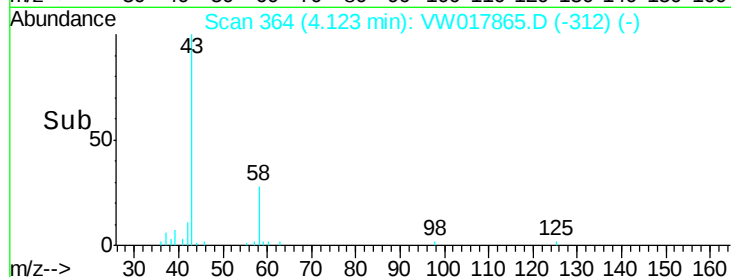
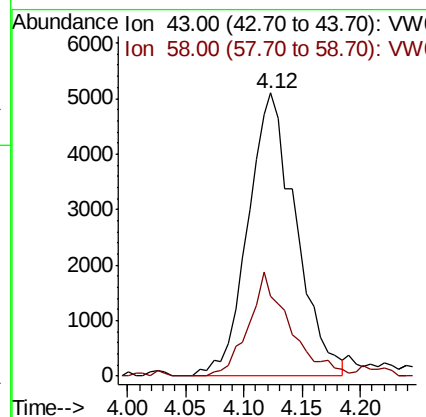
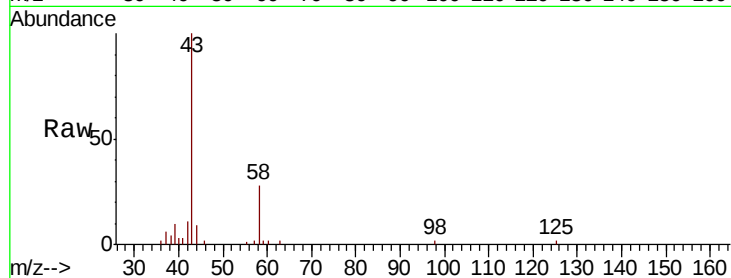
F1COO

Tot Ion: 43 Resp: 14531

Ion Ratio Lower Upper

43 100

58 30.0 0.0 60.8



#14

Carbon disulfide

Concen: 0.515 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017865.D

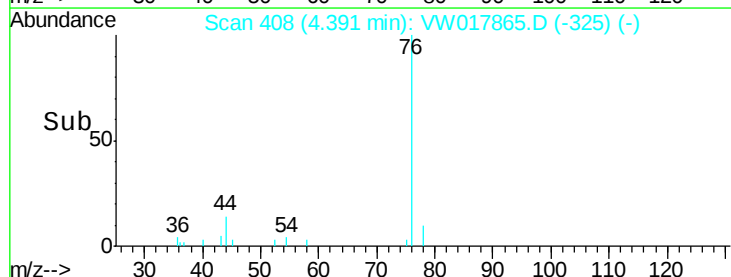
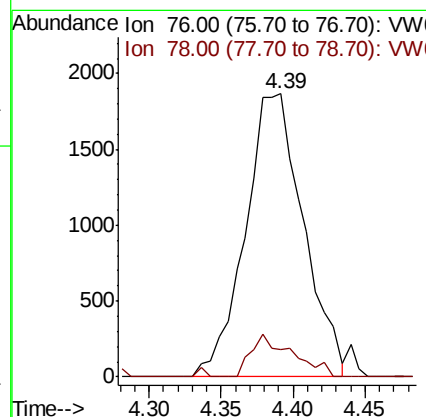
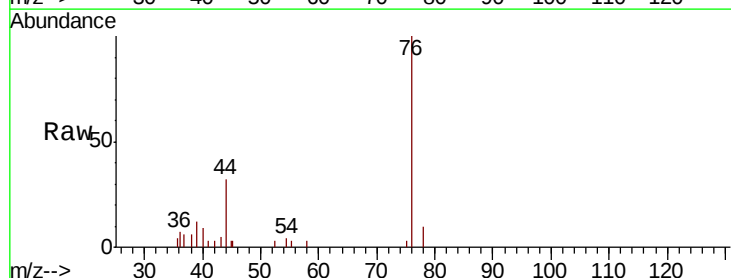
Acq: 13 Jan 2021 22:11

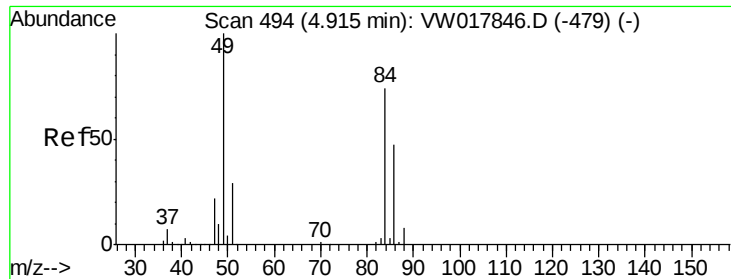
Tgt Ion: 76 Resp: 5218

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7

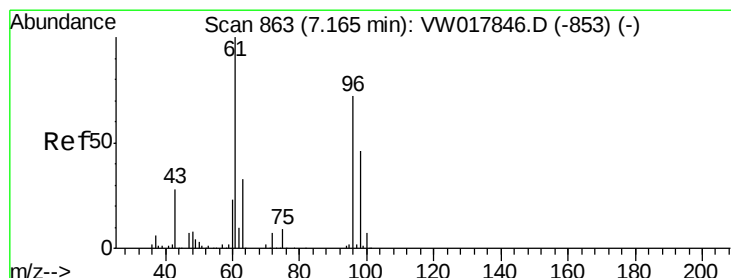
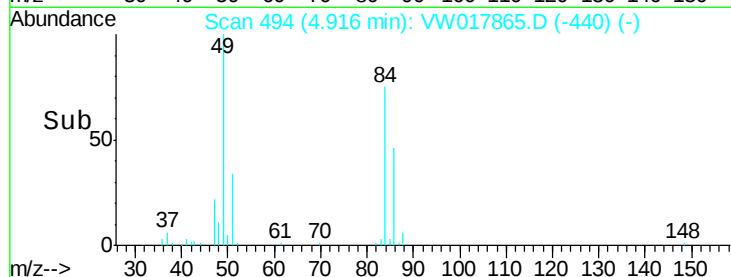
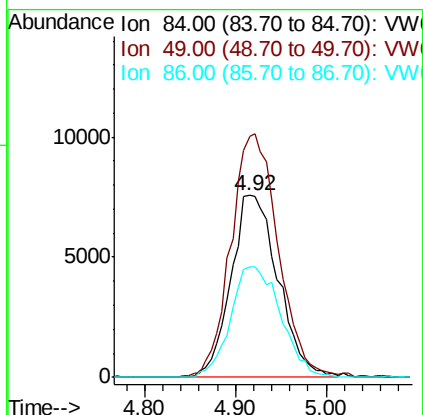
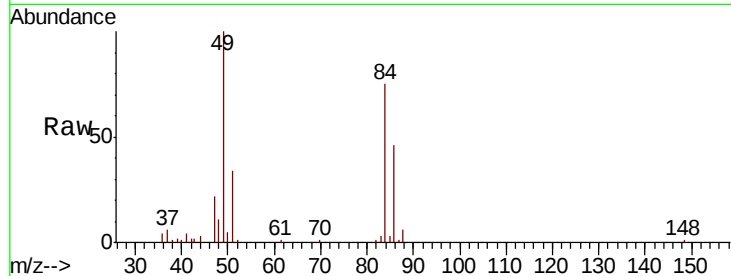




#16
Methylene chloride
Concen: 6.962 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW017865.D
Acq: 13 Jan 2021 22:11

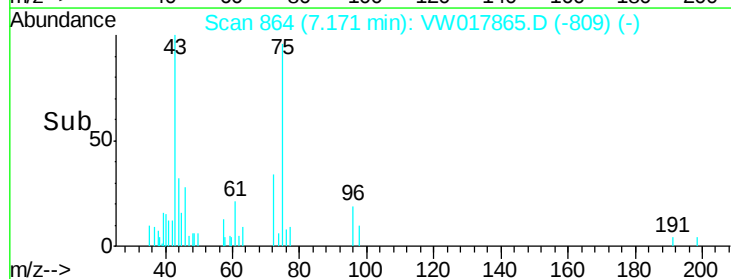
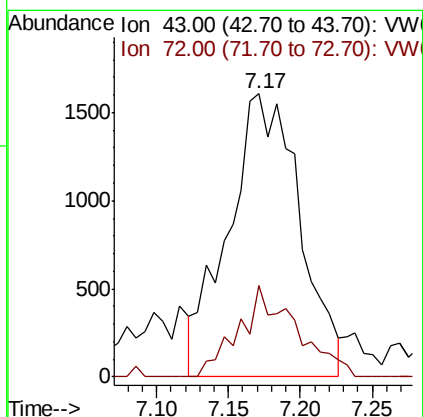
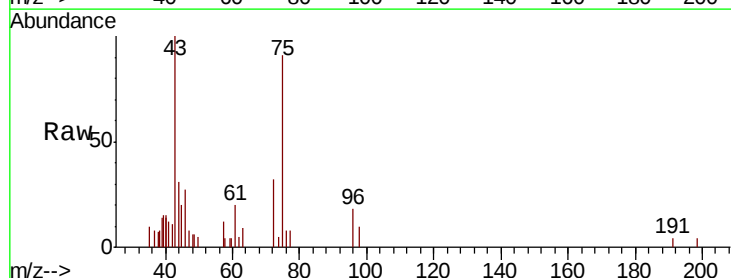
Instrument :
MSVOA_W
ClientSampled :
F1COO

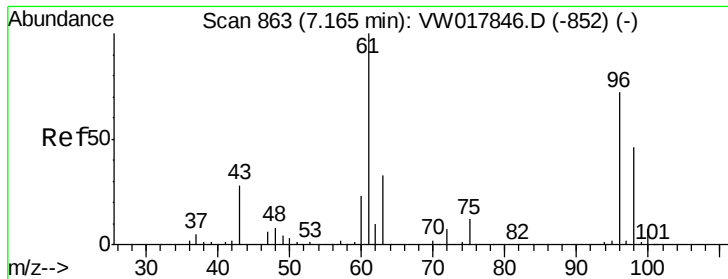
Tot Ion: 84 Resp: 27395
Ion Ratio Lower Upper
84 100
49 132.6 90.5 168.1
86 60.8 44.8 83.2



#21
2-Butanone
Concen: 6.921 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW017865.D
Acq: 13 Jan 2021 22:11

Tgt Ion: 43 Resp: 5547
Ion Ratio Lower Upper
43 100
72 13.4 15.4 46.2#





#22

cis-1,2-Dichloroethene

Concen: 0.198 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

Instrument :

MSVOA_W

ClientSampled :

F1COO

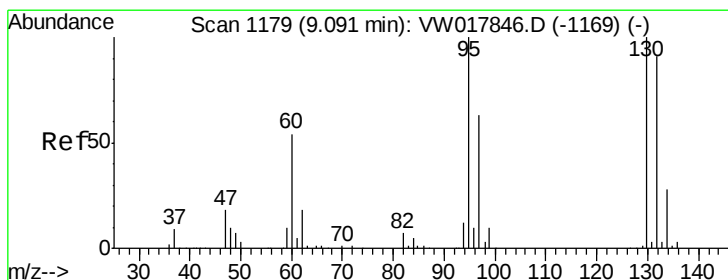
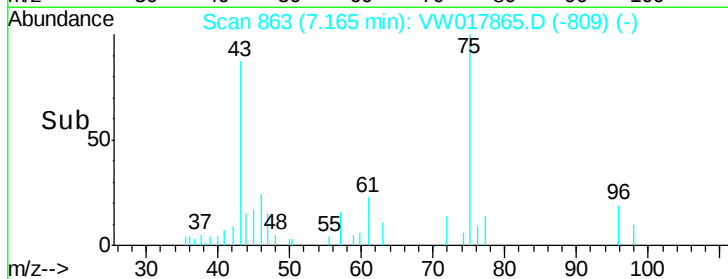
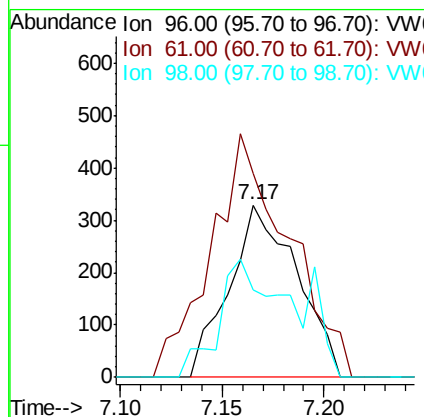
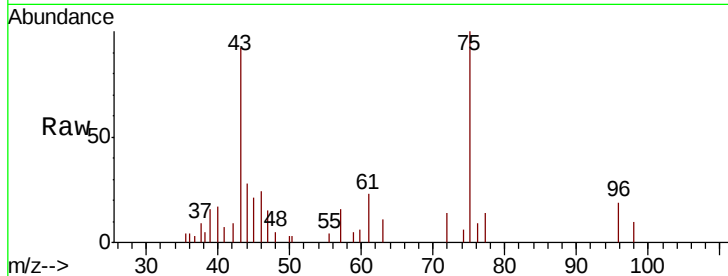
Tot Ion: 96 Resp: 761

Ion Ratio Lower Upper

96 100

61 118.2 88.2 163.8

98 51.1 43.7 81.1



#35

Trichloroethene

Concen: 0.243 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW017865.D

Acq: 13 Jan 2021 22:11

Tgt Ion: 95 Resp: 834

Ion Ratio Lower Upper

95 100

97 37.4 46.8 87.0#

132 40.3 68.3 126.9#

130 78.7 71.8 133.4

