

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017150.D
 Acq On : 10 Nov 2020 19:08
 Operator : SY/VA
 Sample : L4693-04
 Misc : 4.88G/10ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D4

Quant Time: Nov 11 05:41:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	511276	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	458699	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206703	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132123	20.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.08%
7) Chloroethane-d5	2.90	69	106405	21.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.76%
10) 1,1-Dichloroethene-d2	4.03	63	177942	15.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.80%
20) 2-Butanone-d5	7.09	46	38296	26.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.18%
24) Chloroform-d	7.65	84	244401	20.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.92%
26) 1,2-Dichloroethane-d4	8.31	65	115281	19.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.72%
29) Benzene-d6	8.28	84	495807	21.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.92%
33) 1,2-Dichloropropane-d6	9.27	67	133611	20.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.72%
37) Toluene-d8	10.33	98	470268	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.40%
38) trans-1,3-Dichloropropene-	10.58	79	49430	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.88%
39) 2-Hexanone-d5	10.93	63	29757	26.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	90329	16.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	158097	21.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.84%

Target Compounds

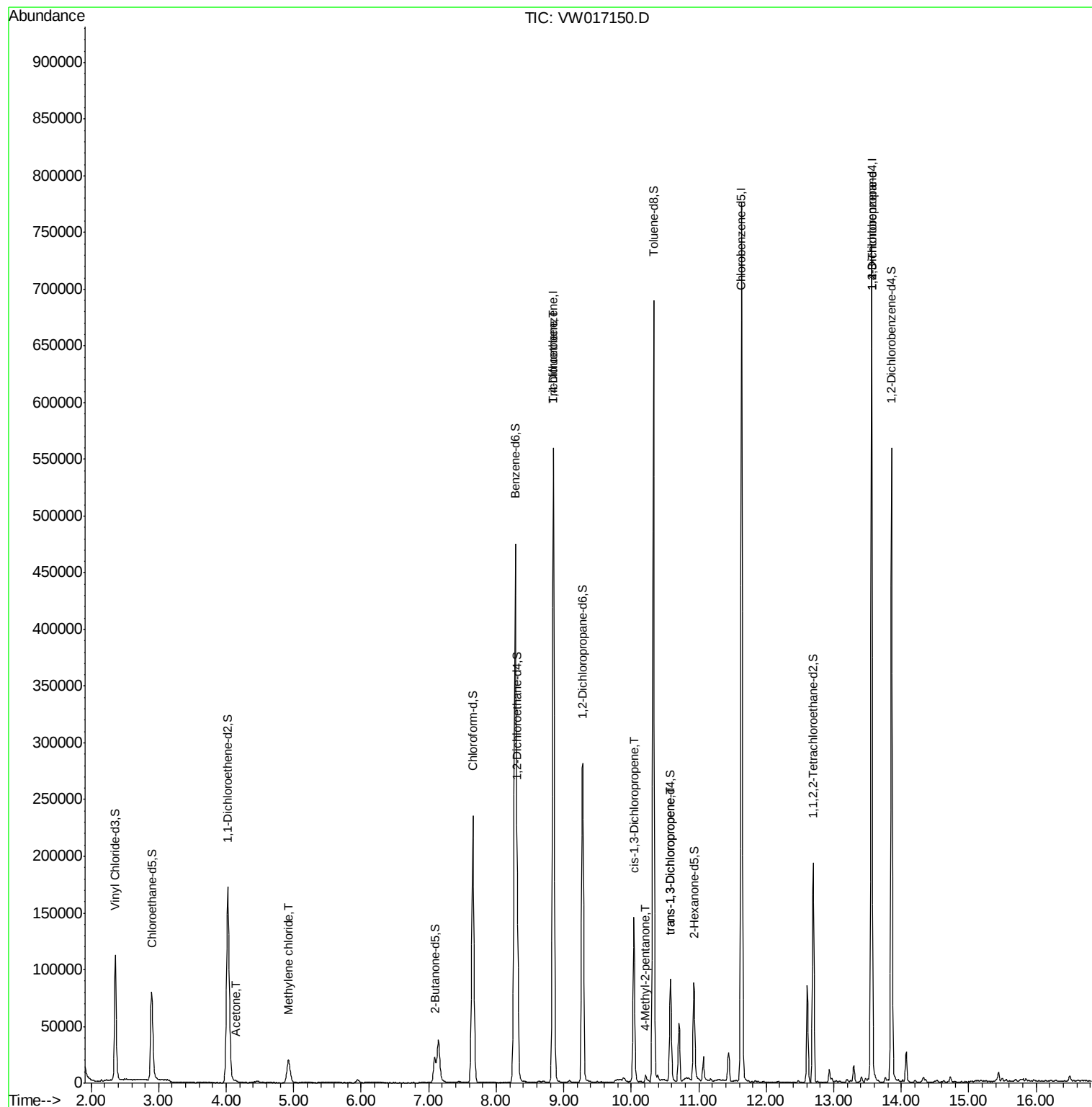
					Ovalue
13) Acetone	4.15	43	3252	3.373 ug/L	83
16) Methylene chloride	4.92	84	18983	2.754 ug/L	97
35) Trichloroethene	8.85	95	14597	2.163 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3968	0.445 ug/L #	78
43) 4-Methyl-2-pentanone	10.21	43	4169	1.200 ug/L	94
45) trans-1,3-Dichloropropene	10.59	75	2278	0.297 ug/L #	76
59) 1,2,3-Trichloropropane	13.56	75	21531	5.341 ug/L	91

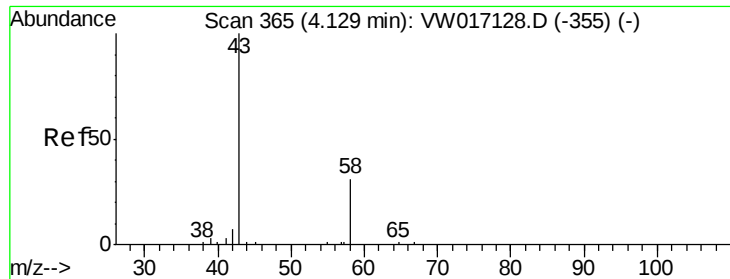
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.373 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017150.D

Acq: 10 Nov 2020 19:08

Instrument :

MSVOA_W

ClientSampleId :

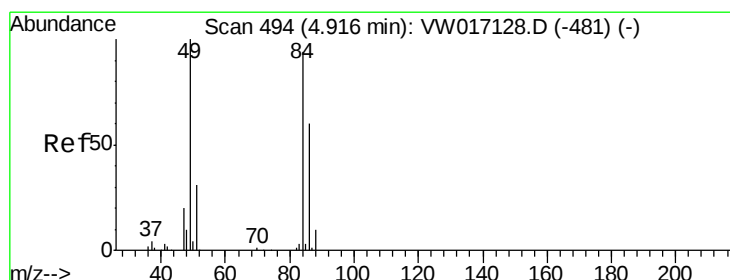
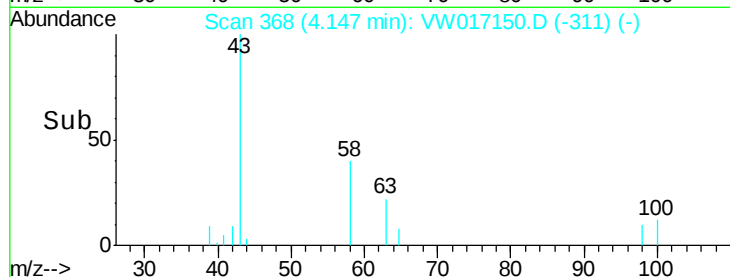
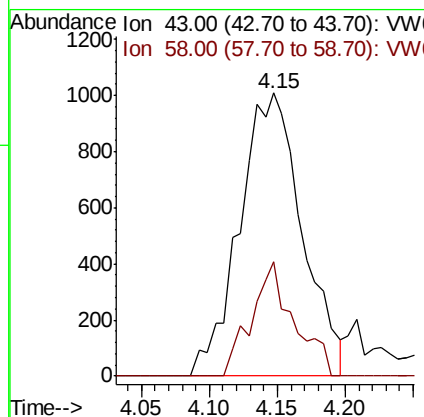
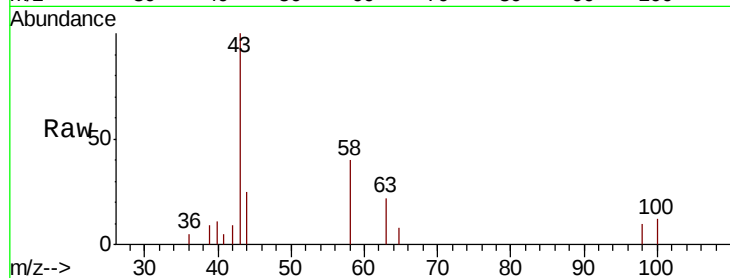
BG4D4

Tot Ion: 43 Resp: 3252

Ion Ratio Lower Upper

43 100

58 24.6 0.0 69.2



#16

Methylene chloride

Concen: 2.754 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017150.D

Acq: 10 Nov 2020 19:08

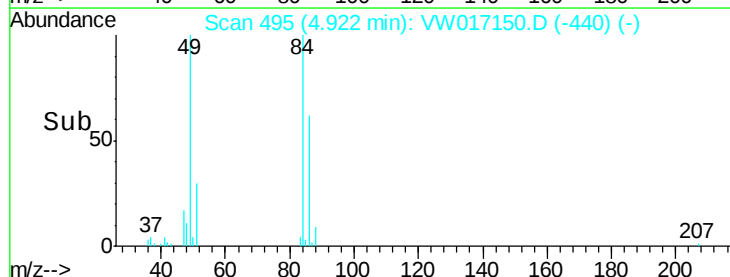
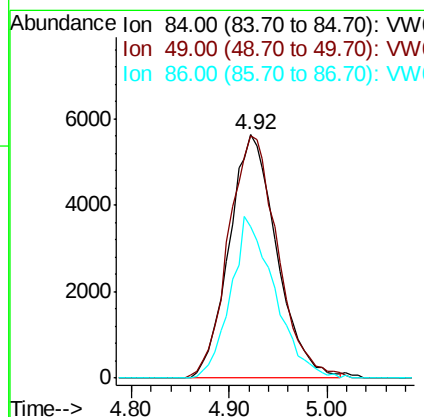
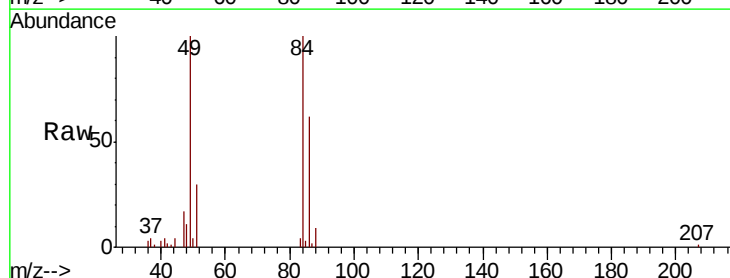
Tgt Ion: 84 Resp: 18983

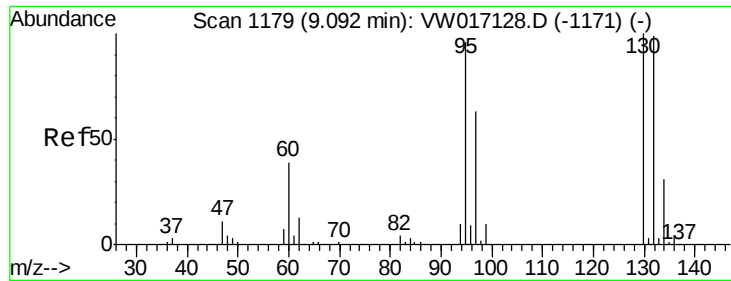
Ion Ratio Lower Upper

84 100

49 99.5 72.3 134.3

86 62.0 45.1 83.7





#35

Trichloroethene

Concen: 2.163 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017150.D

Acq: 10 Nov 2020 19:08

Instrument :

MSVOA_W

ClientSampleId :

BG4D4

Tot Ion: 95 Resp: 14597

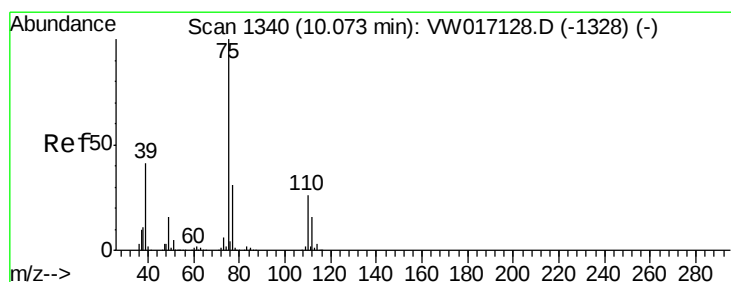
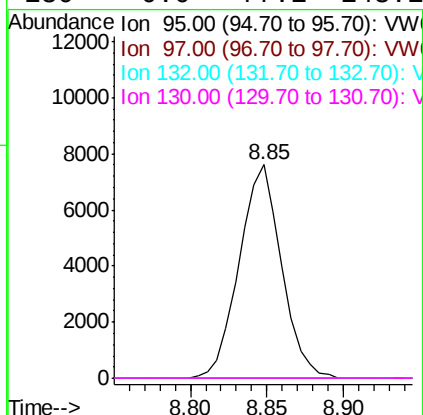
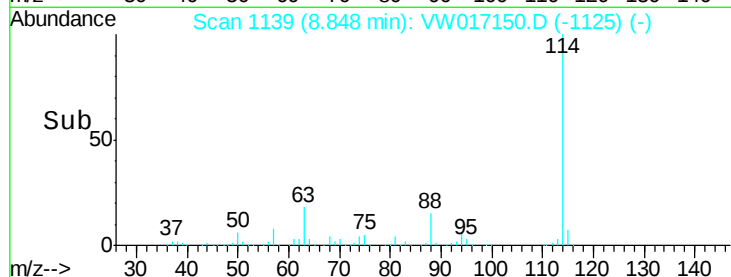
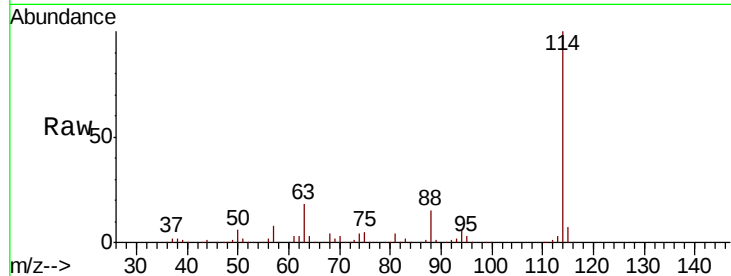
Ion Ratio Lower Upper

95 100

97 0.2 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#



#42

cis-1,3-Dichloropropene

Concen: 0.445 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017150.D

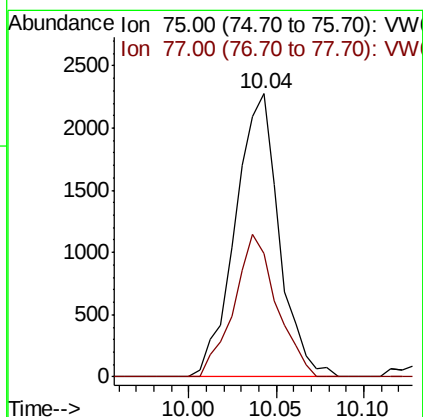
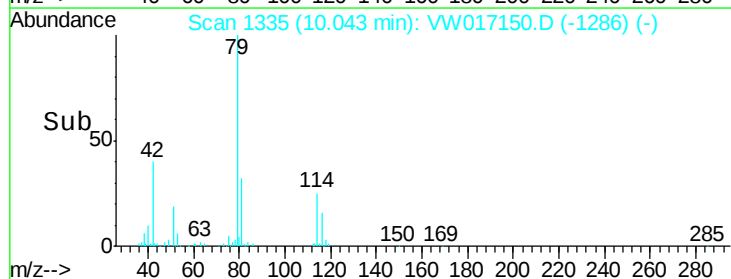
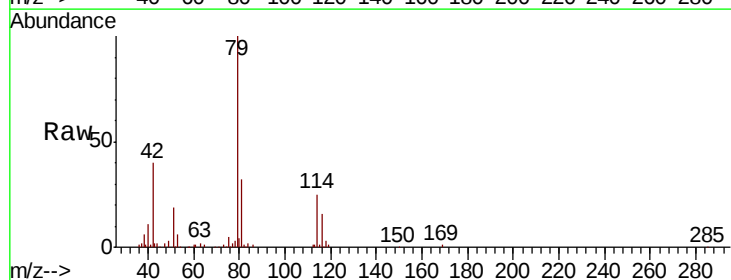
Acq: 10 Nov 2020 19:08

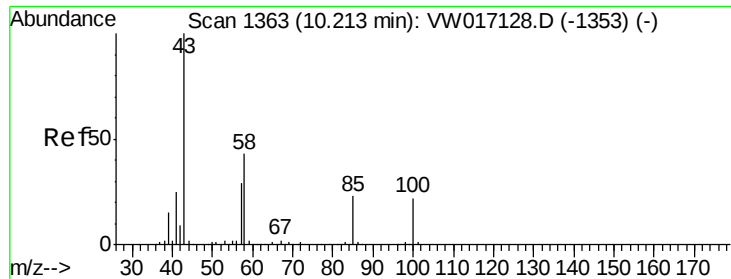
Tgt Ion: 75 Resp: 3968

Ion Ratio Lower Upper

75 100

77 43.6 22.0 41.0#





#43

4-Methyl-2-pentanone

Concen: 1.200 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017150.D

Acq: 10 Nov 2020 19:08

Instrument :

MSVOA_W

ClientSampled :

BG4D4

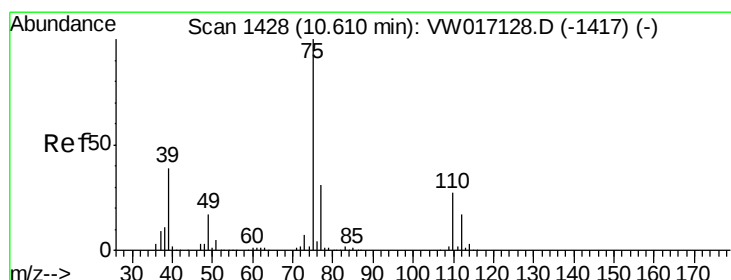
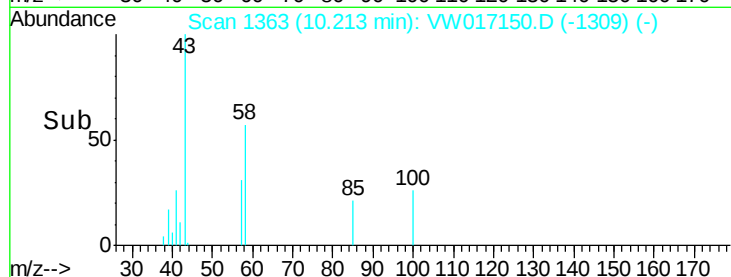
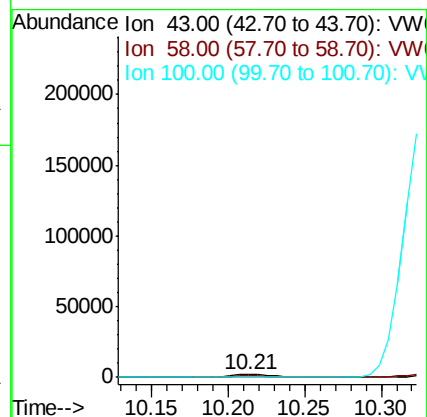
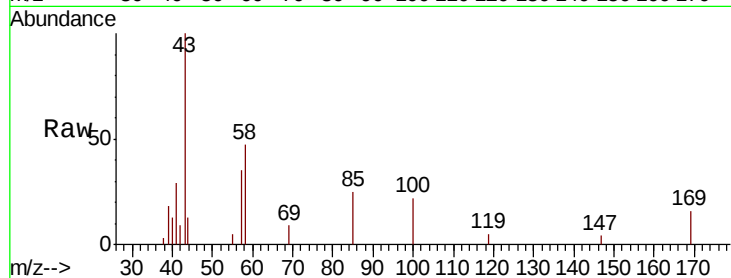
Tot Ion: 43 Resp: 4169

Ion Ratio Lower Upper

43 100

58 40.1 35.0 52.6

100 17.8 16.6 24.8



#45

trans-1,3-Dichloropropene

Concen: 0.297 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017150.D

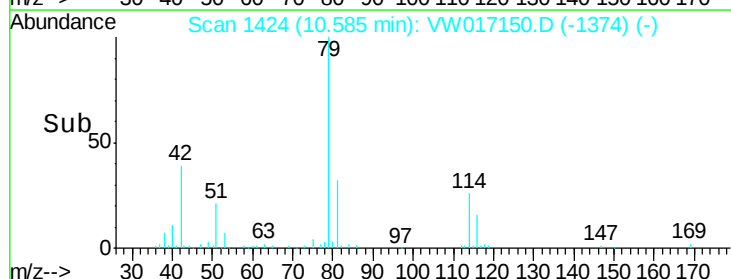
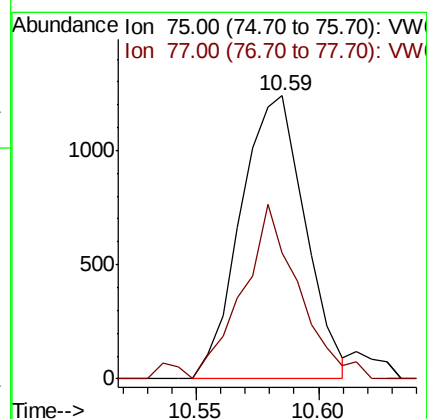
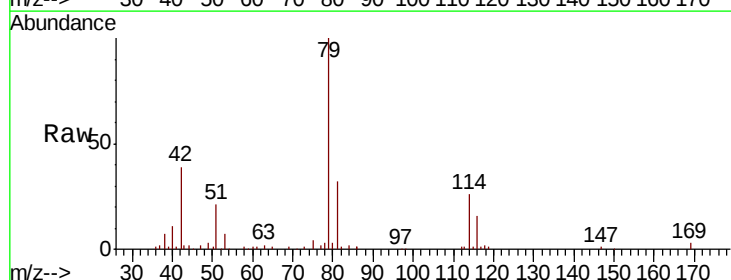
Acq: 10 Nov 2020 19:08

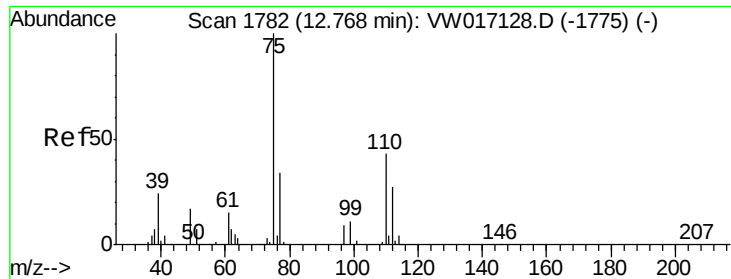
Tgt Ion: 75 Resp: 2278

Ion Ratio Lower Upper

75 100

77 44.7 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.341 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017150.D

Acq: 10 Nov 2020 19:08

Instrument :

MSVOA_W

ClientSampleId :

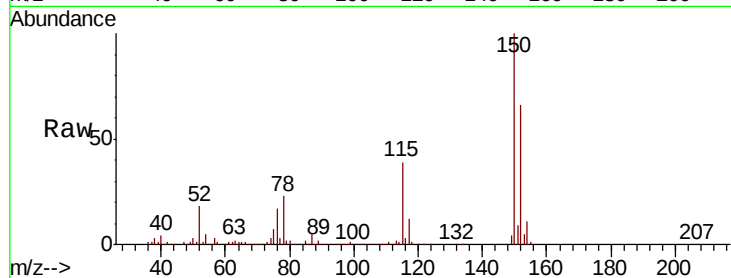
BG4D4

Tot Ion: 75 Resp: 21531

Ion Ratio Lower Upper

75 100

77 38.1 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

