

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017101.D
 Acq On : 06 Nov 2020 15:27
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:34:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	483855	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	435135	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210507	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140252	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.04%
7) Chloroethane-d5	2.90	69	109045	23.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.88%
10) 1,1-Dichloroethene-d2	4.02	63	180166	16.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.12%
20) 2-Butanone-d5	7.09	46	51421	37.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.46%
24) Chloroform-d	7.65	84	249508	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	8.31	65	125175	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.16%
29) Benzene-d6	8.28	84	506207	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	9.27	67	139644	22.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.12%
37) Toluene-d8	10.33	98	469584	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	10.59	79	56818	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.24%
39) 2-Hexanone-d5	10.93	63	39835	37.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	112573	21.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	169463	22.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.40%

Target Compounds

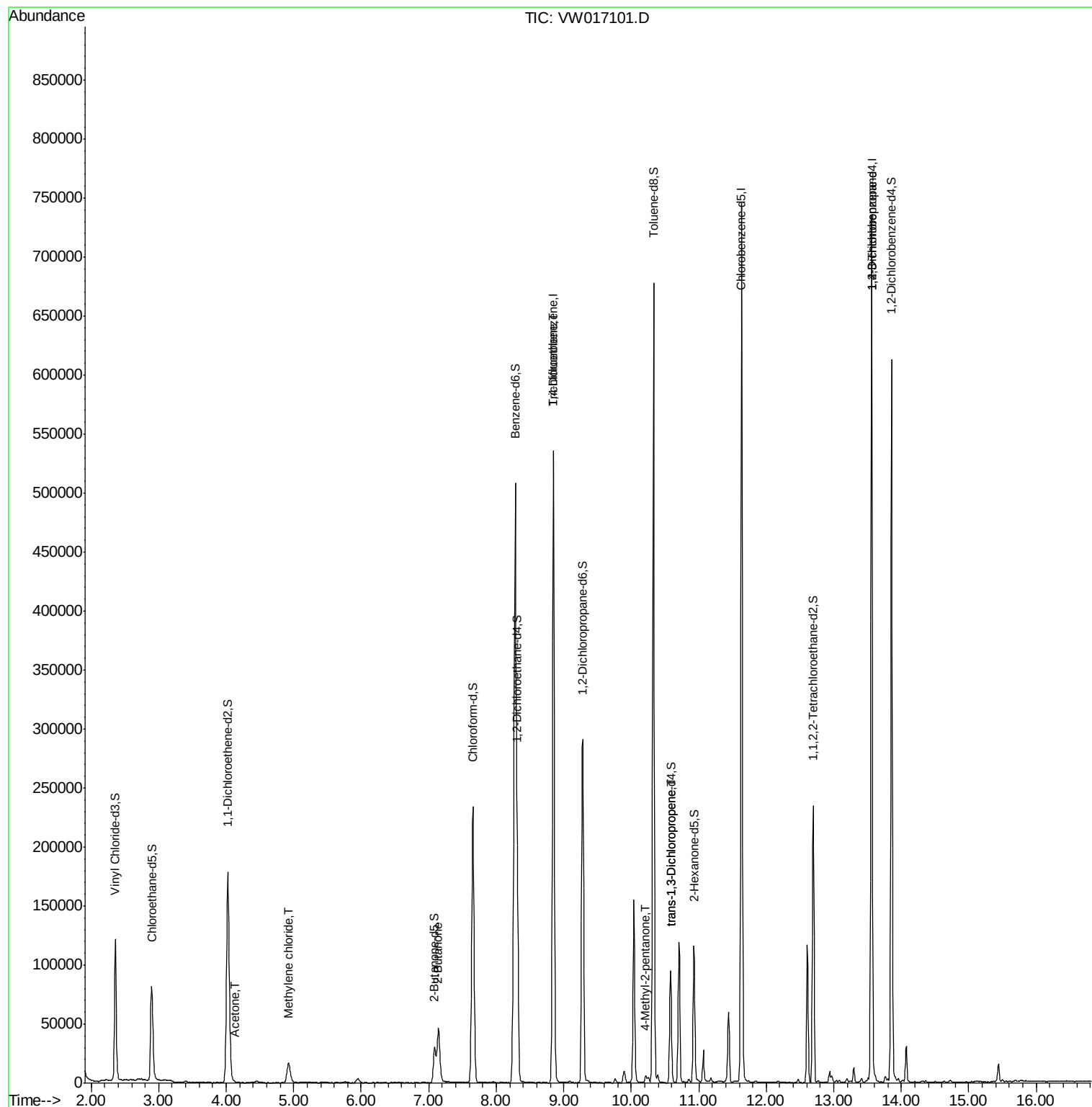
					Ovalue
13) Acetone	4.14	43	444	0.487 ug/L	62
16) Methylene chloride	4.92	84	15477	2.373 ug/L	94
21) 2-Butanone	7.13	43	1090	0.744 ug/L	86
35) Trichloroethene	8.85	95	13695	2.140 ug/L #	2
43) 4-Methyl-2-pentanone	10.21	43	4753	1.442 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	2629	0.362 ug/L #	76
59) 1,2,3-Trichloropropane	13.56	75	21286	5.567 ug/L	94

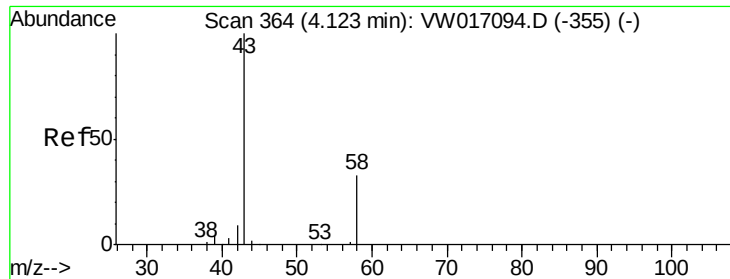
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 07 04:26:24 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.487 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017101.D

Acq: 06 Nov 2020 15:27

Instrument :

MSVOA_W

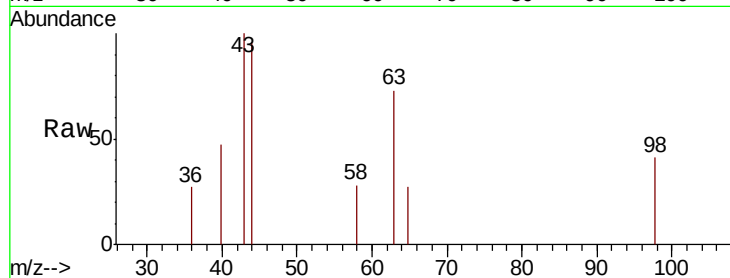
ClientSampled :

Tot Ion: 43 Resp: 444

Ion Ratio Lower Upper

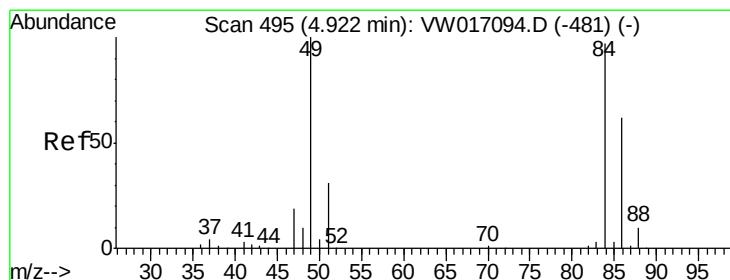
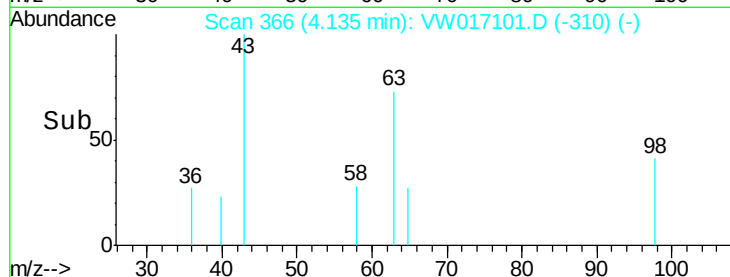
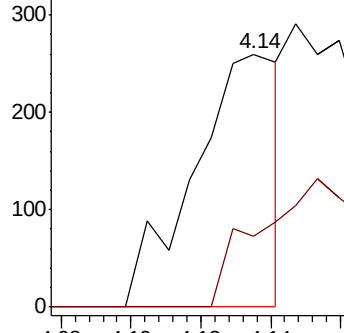
43 100

58 12.6 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.373 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017101.D

Acq: 06 Nov 2020 15:27

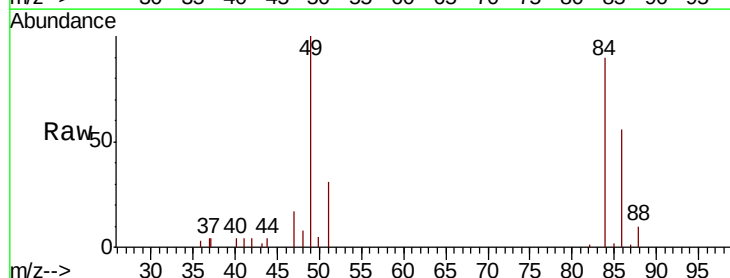
Tgt Ion: 84 Resp: 15477

Ion Ratio Lower Upper

84 100

49 111.4 72.3 134.3

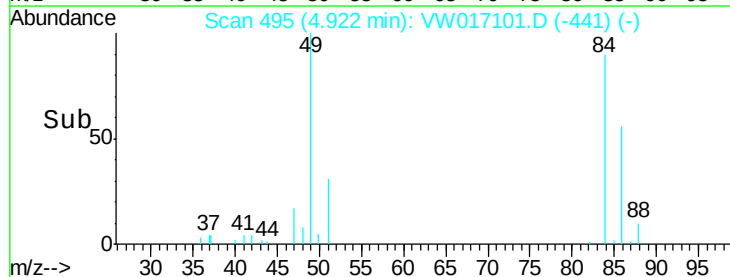
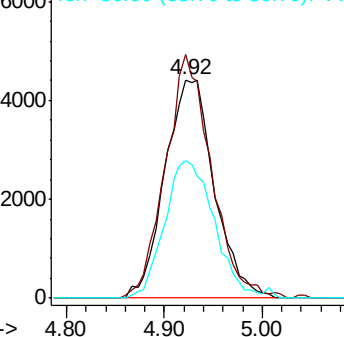
86 62.6 45.1 83.7

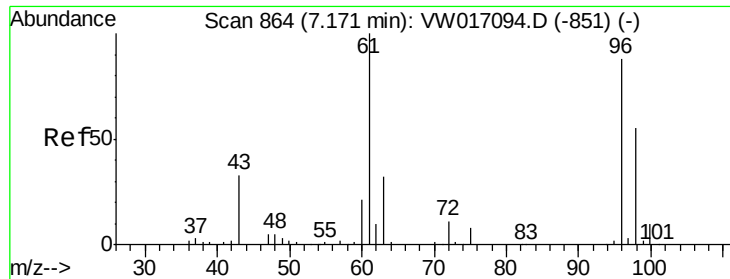


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.744 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017101.D

Acq: 06 Nov 2020 15:27

Instrument :

MSVOA_W

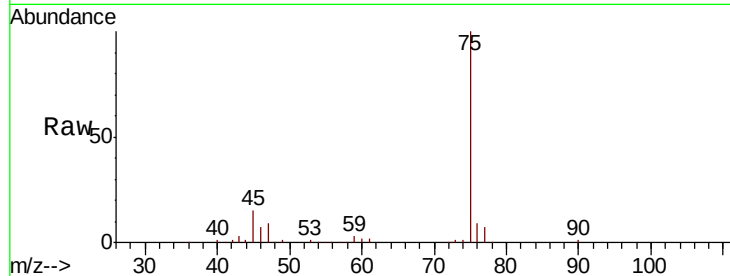
ClientSampled :

Tot Ion: 43 Resp: 1090

Ion Ratio Lower Upper

43 100

72 24.2 16.1 48.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.13

600

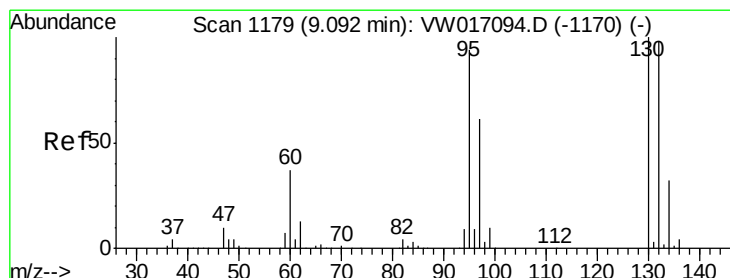
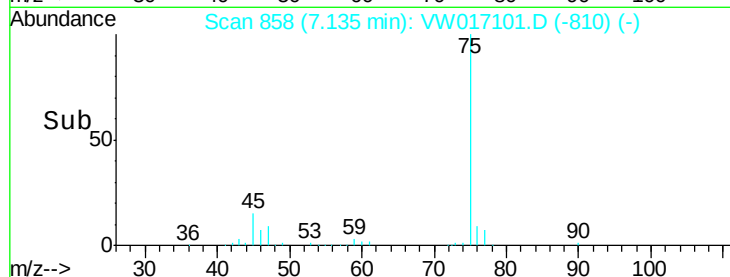
400

200

0

7.10 7.15

Time-->



#35

Trichloroethene

Concen: 2.140 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017101.D

Acq: 06 Nov 2020 15:27

Tgt Ion: 95 Resp: 13695

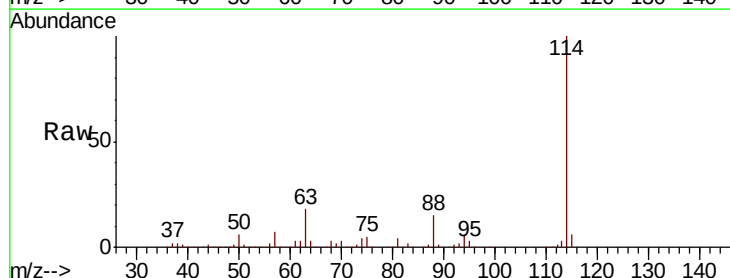
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 1.4 73.7 136.9#

130 0.7 77.1 143.1#



Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

10000

8000

6000

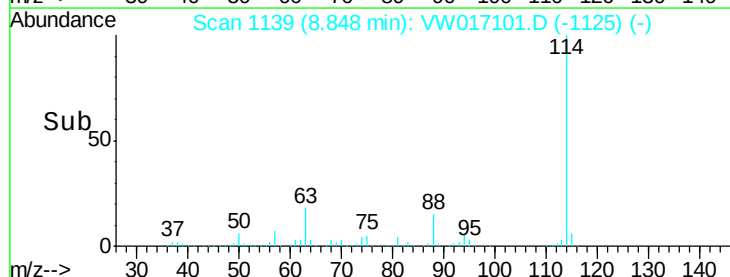
4000

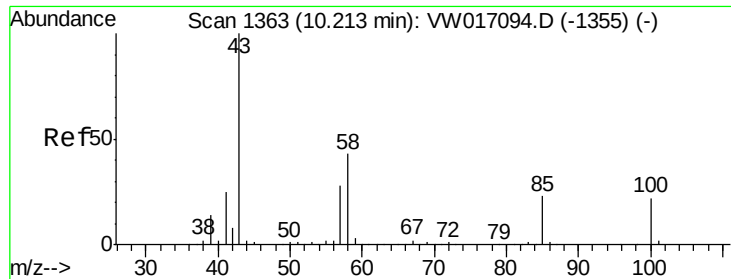
2000

0

8.80 8.85 8.90

Time-->





#43

4-Methyl-2-pentanone

Concen: 1.442 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017101.D

Acq: 06 Nov 2020 15:27

Instrument :

MSVOA_W

ClientSampleId :

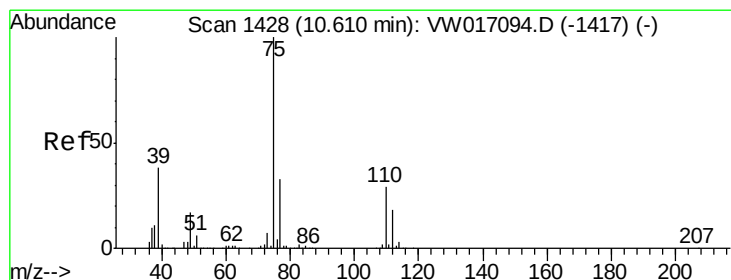
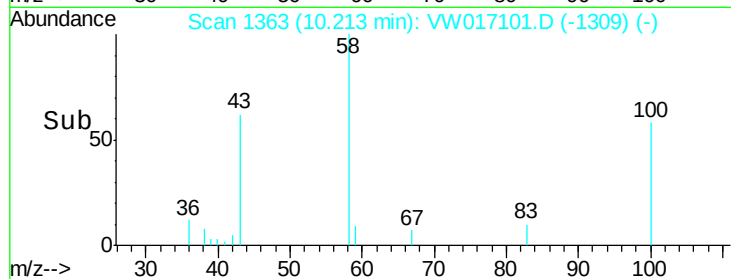
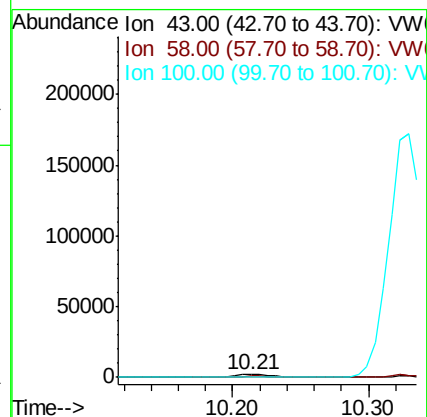
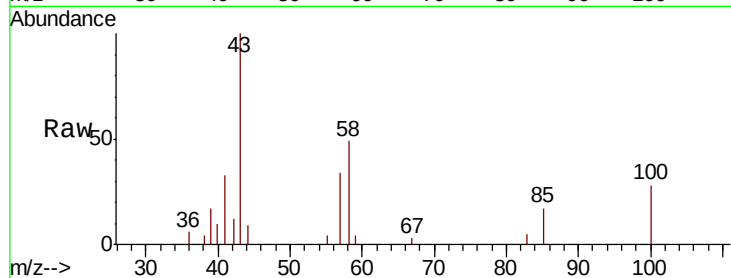
Tot Ion: 43 Resp: 4753

Ion Ratio Lower Upper

43 100

58 40.9 35.0 52.6

100 17.5 16.6 24.8



#45

trans-1,3-Dichloropropene

Concen: 0.362 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017101.D

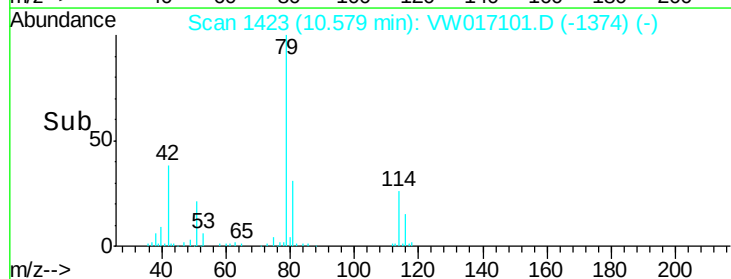
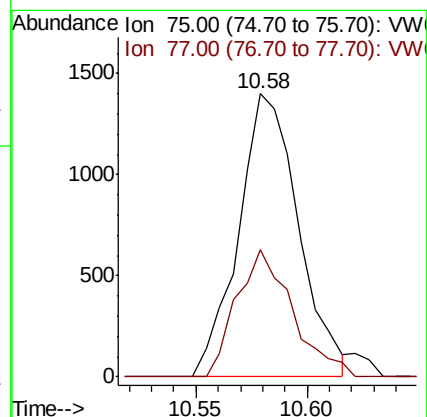
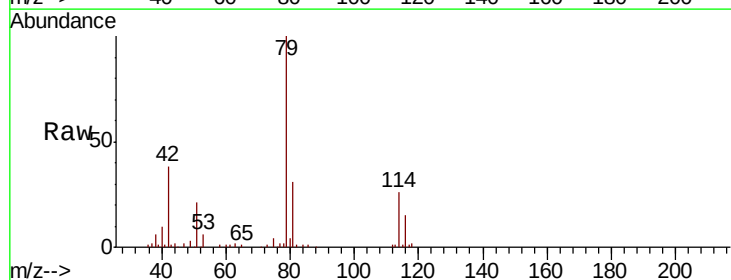
Acq: 06 Nov 2020 15:27

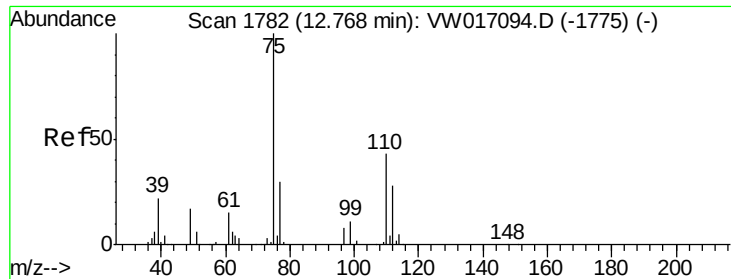
Tgt Ion: 75 Resp: 2629

Ion Ratio Lower Upper

75 100

77 45.0 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.567 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017101.D

Acq: 06 Nov 2020 15:27

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 21286

Ion Ratio Lower Upper

75 100

77 36.5 26.4 39.6

