

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017158.D
 Acq On : 11 Nov 2020 12:29
 Operator : SY/VA
 Sample : L4693-06
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4D6

Quant Time: Nov 12 03:15:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	489447	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	446033	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204667	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	131877	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.56%
7) Chloroethane-d5	2.89	69	113887	23.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.88%
10) 1,1-Dichloroethene-d2	4.02	63	186818	16.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.76%
20) 2-Butanone-d5	7.09	46	42971	31.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.34%
24) Chloroform-d	7.65	84	264943	23.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.76%
26) 1,2-Dichloroethane-d4	8.31	65	126573	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.12%
29) Benzene-d6	8.28	84	531850	23.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.68%
33) 1,2-Dichloropropane-d6	9.28	67	144883	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.33	98	504801	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.28%
38) trans-1,3-Dichloropropene-	10.58	79	56290	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.48%
39) 2-Hexanone-d5	10.93	63	35399	32.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102520	18.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	174548	24.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.84%

Target Compounds

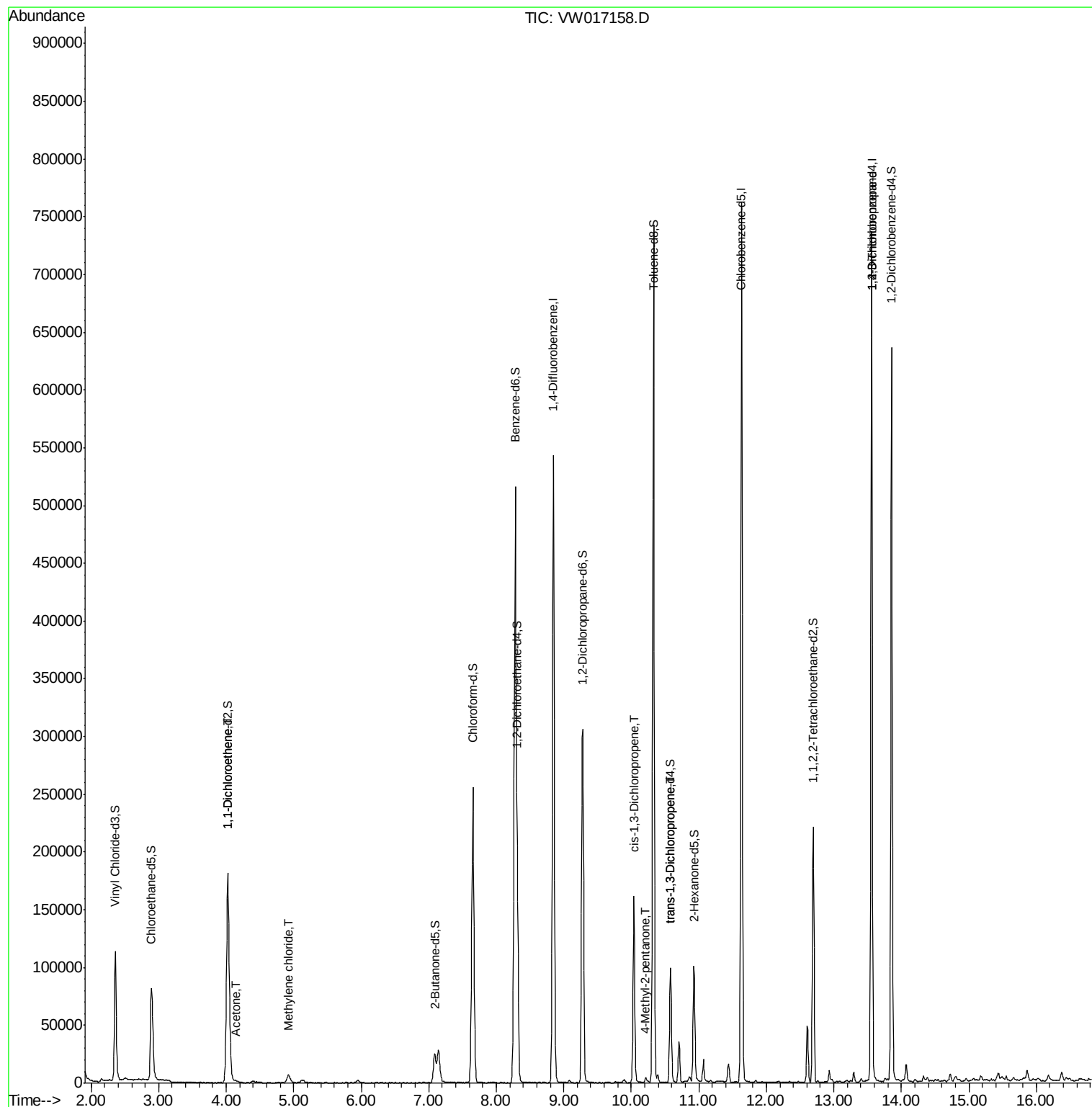
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1595	0.263 ug/L #	1
13) Acetone	4.15	43	1727	1.871 ug/L	99
16) Methylene chloride	4.92	84	6211	0.941 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	4568	0.527 ug/L	87
43) 4-Methyl-2-pentanone	10.21	43	2851	0.844 ug/L #	95
45) trans-1,3-Dichloropropene	10.58	75	2759	0.370 ug/L	87
59) 1,2,3-Trichloropropane	13.56	75	21548	5.497 ug/L	92

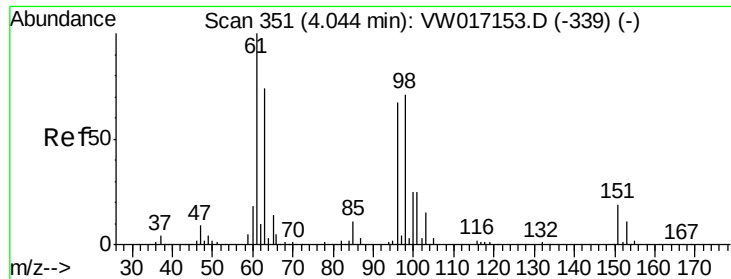
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111120\
Data File : VW017158.D
Acq On : 11 Nov 2020 12:29
Operator : SY/VA
Sample : L4693-06
Misc : 5.64G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
BG4D6

Quant Time: Nov 12 03:15:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.263 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW017158.D

Acq: 11 Nov 2020 12:29

Instrument :

MSVOA_W

ClientSampleId :

BG4D6

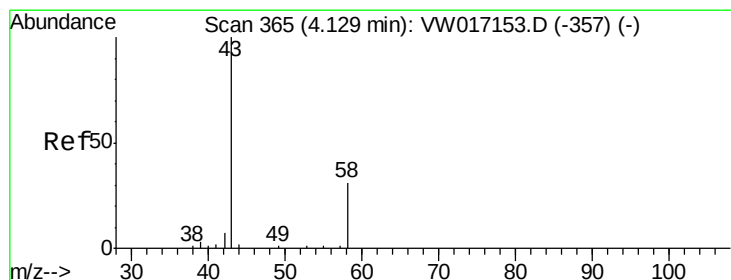
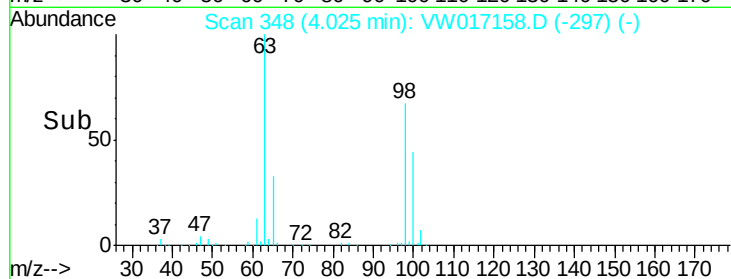
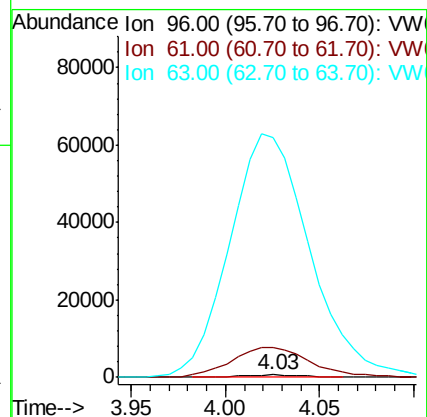
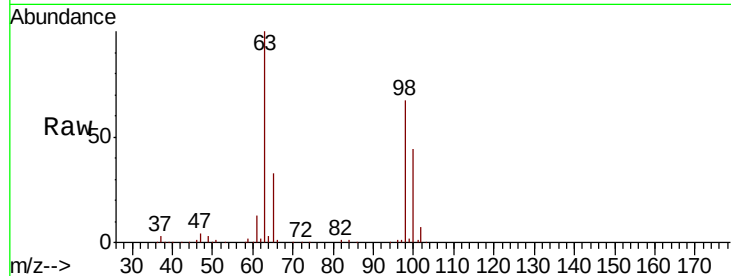
Tot Ion: 96 Resp: 1595

Ion Ratio Lower Upper

96 100

61 1229.4 103.8 192.8#

63 9716.4 84.4 156.7#



#13

Acetone

Concen: 1.871 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW017158.D

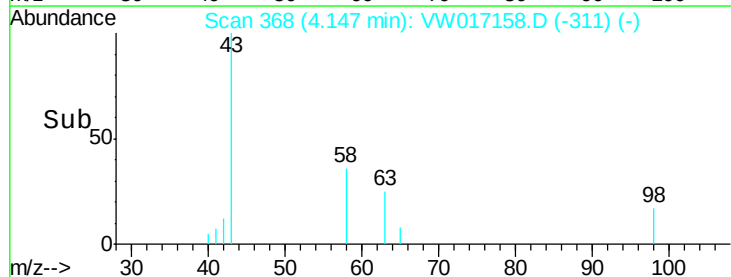
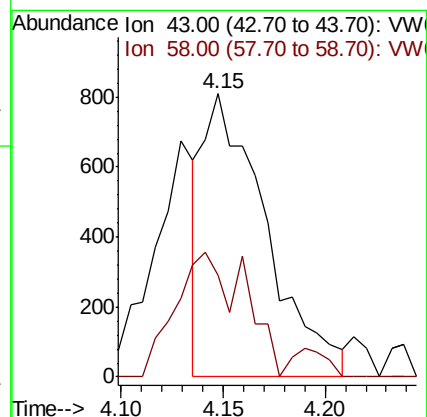
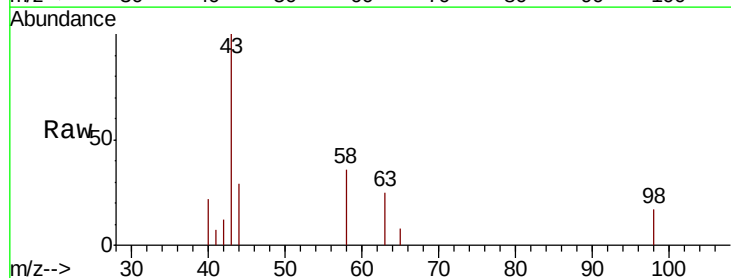
Acq: 11 Nov 2020 12:29

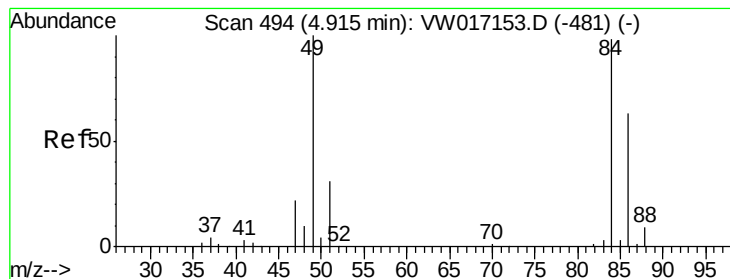
Tgt Ion: 43 Resp: 1727

Ion Ratio Lower Upper

43 100

58 34.9 0.0 69.2





#16

Methylene chloride

Concen: 0.941 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017158.D

Acq: 11 Nov 2020 12:29

Instrument :

MSVOA_W

ClientSampleId :

BG4D6

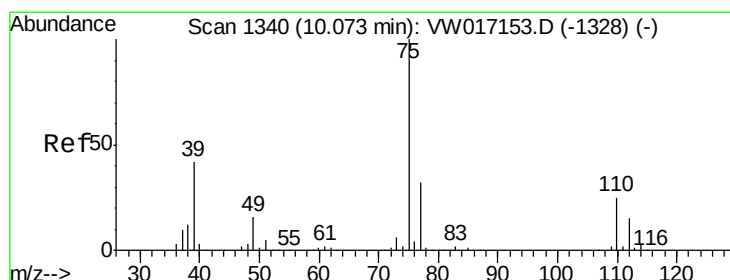
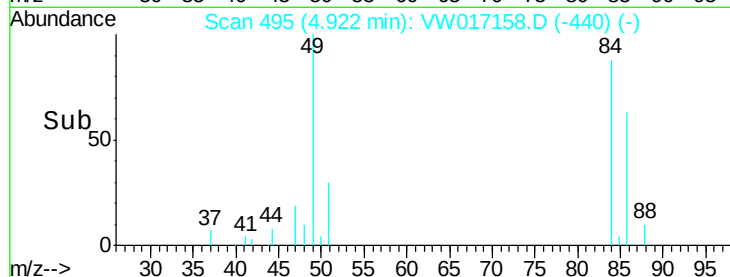
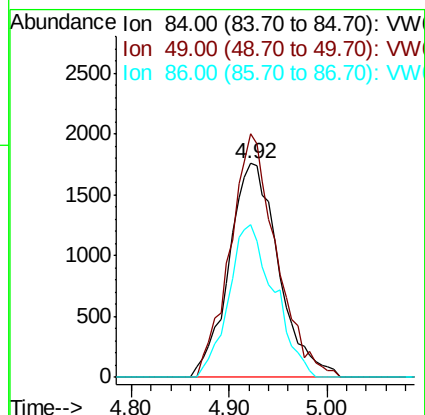
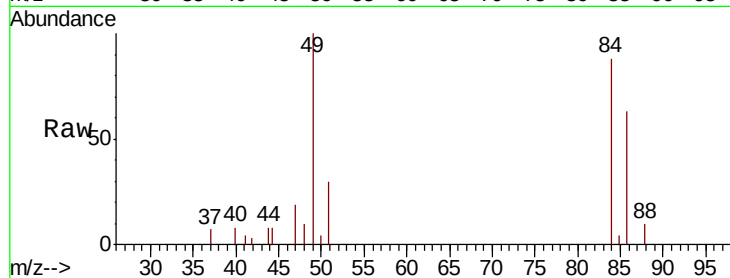
Tot Ion: 84 Resp: 6211

Ion Ratio Lower Upper

84 100

49 113.8 72.3 134.3

86 71.5 45.1 83.7



#42

cis-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017158.D

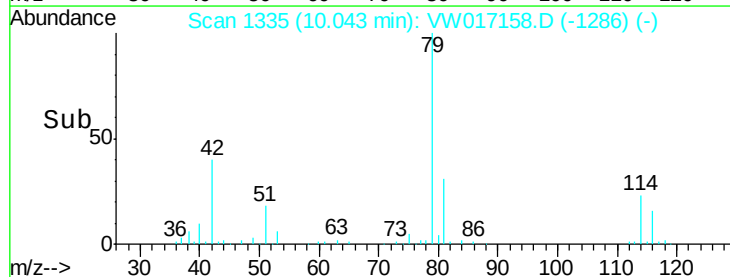
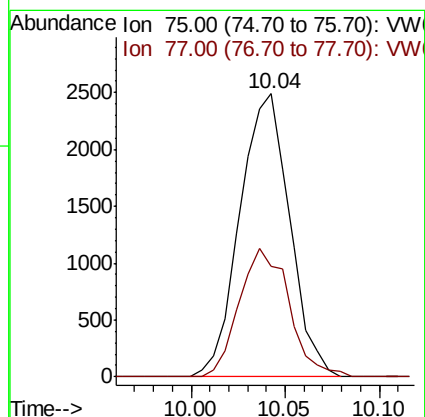
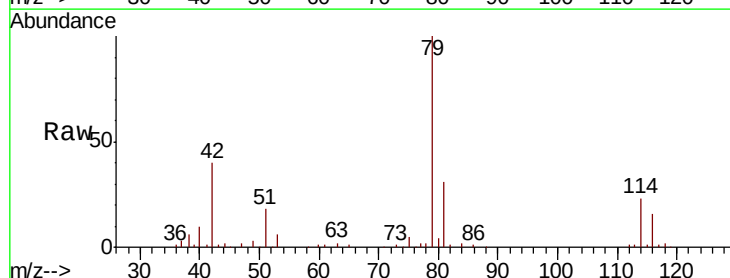
Acq: 11 Nov 2020 12:29

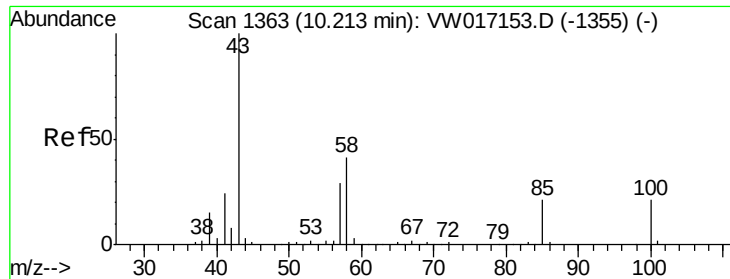
Tgt Ion: 75 Resp: 4568

Ion Ratio Lower Upper

75 100

77 39.0 22.0 41.0





#43

4-Methyl-2-pentanone

Concen: 0.844 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017158.D

Acq: 11 Nov 2020 12:29

Instrument :

MSVOA_W

ClientSampled :

BG4D6

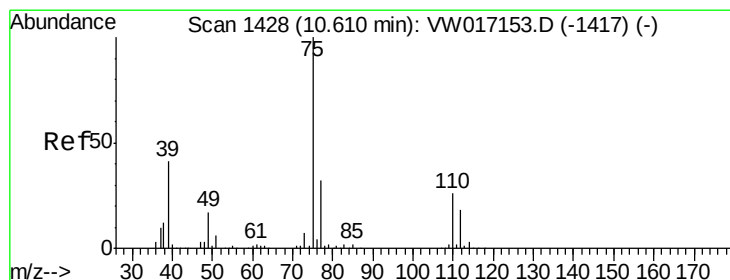
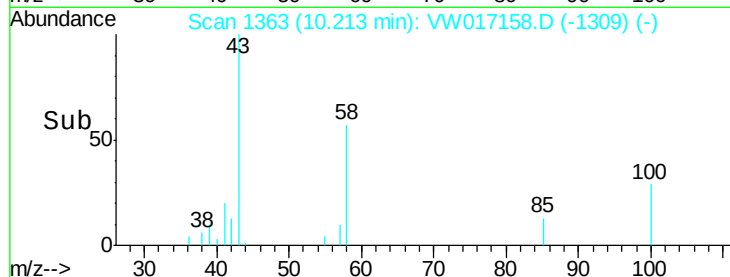
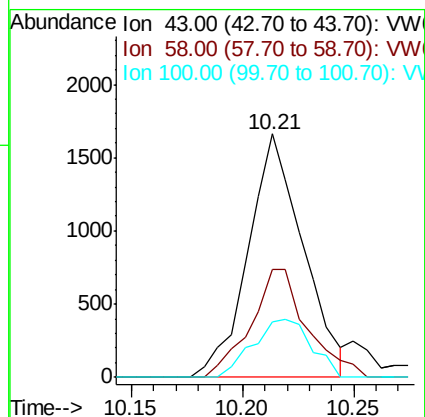
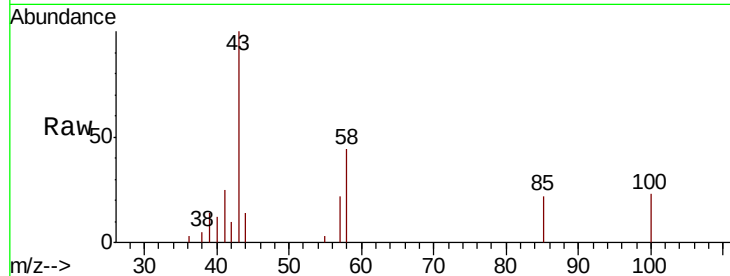
Tot Ion: 43 Resp: 2851

Ion Ratio Lower Upper

43 100

58 45.4 35.0 52.6

100 25.4 16.6 24.8#



#45

trans-1,3-Dichloropropene

Concen: 0.370 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017158.D

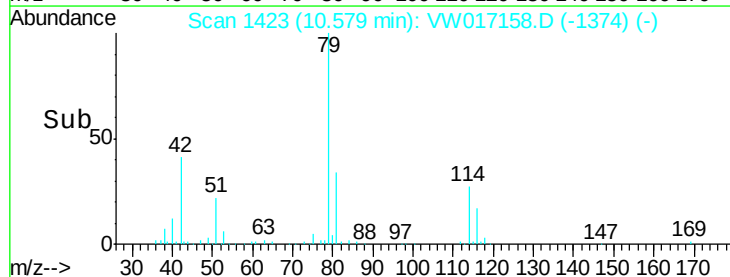
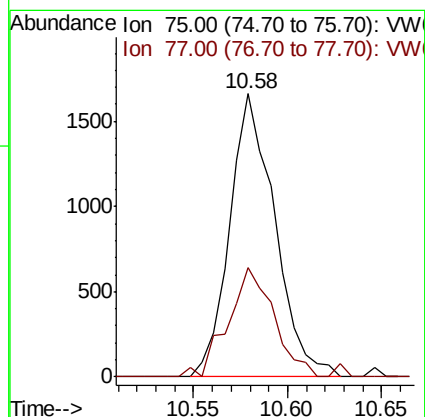
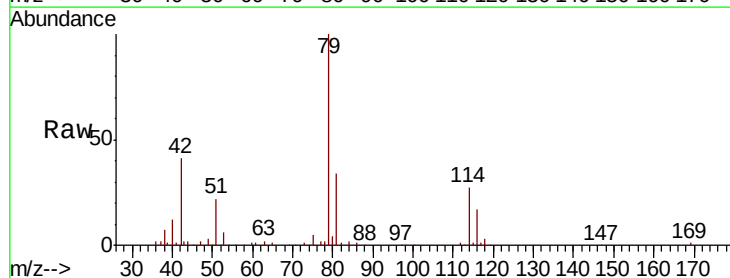
Acq: 11 Nov 2020 12:29

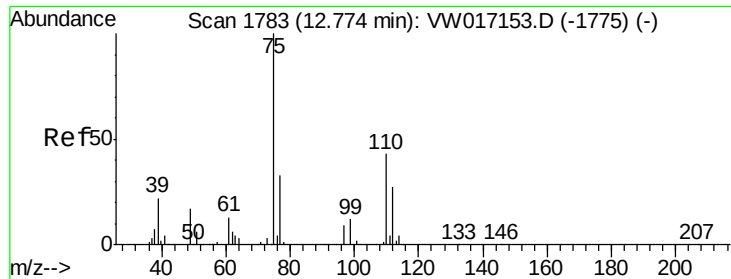
Tgt Ion: 75 Resp: 2759

Ion Ratio Lower Upper

75 100

77 38.6 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 5.497 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017158.D

Acq: 11 Nov 2020 12:29

Instrument :

MSVOA_W

ClientSampleId :

BG4D6

Tot Ion: 75 Resp: 21548

Ion Ratio Lower Upper

75 100

77 37.5 26.4 39.6

