

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102120\
 Data File : VW016956.D
 Acq On : 21 Oct 2020 14:47
 Operator : SY/VA
 Sample : L4471-08
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Z2

Quant Time: Oct 21 22:58:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 22:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	529163	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456487	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	204261	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96652	18.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.08%
7) Chloroethane-d5	2.89	69	90217	20.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.40%
10) 1,1-Dichloroethene-d2	4.03	63	158316	14.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.12%
20) 2-Butanone-d5	7.09	46	50833	42.99	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.98%
24) Chloroform-d	7.65	84	262552	23.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.04%
26) 1,2-Dichloroethane-d4	8.31	65	125113	23.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.80%
29) Benzene-d6	8.28	84	511705	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	9.28	67	147979	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.24%
37) Toluene-d8	10.33	98	463856	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.84%
38) trans-1,3-Dichloropropene-	10.58	79	53499	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	10.93	63	42548	49.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	111767	24.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	169272	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds

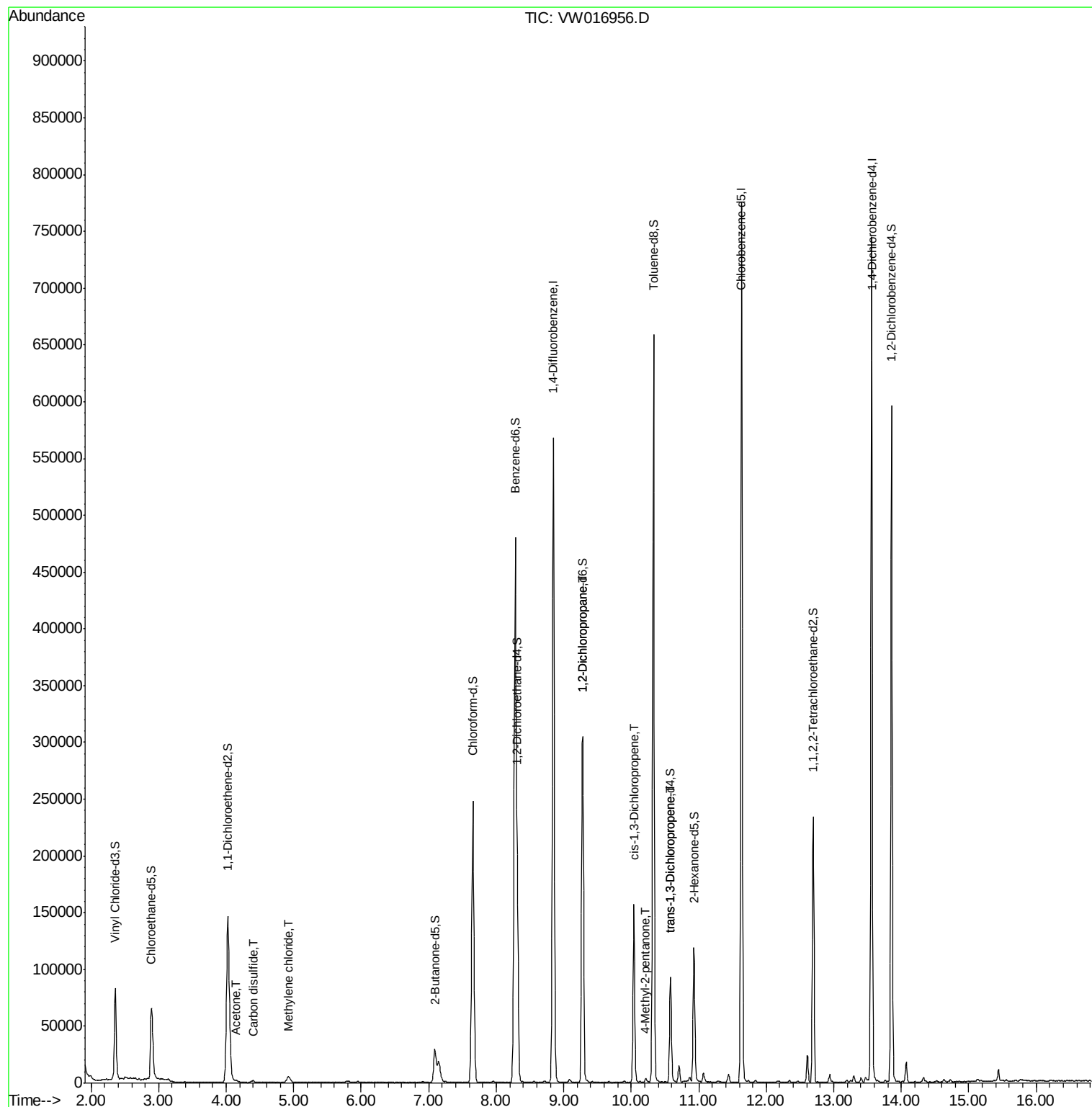
					Ovalue
13) Acetone	4.15	43	1025	1.146 ug/L #	31
14) Carbon disulfide	4.39	76	3962	0.202 ug/L	96
16) Methylene chloride	4.92	84	5276	0.722 ug/L	93
40) 1,2-Dichloropropane	9.27	63	16004	2.887 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4123	0.467 ug/L	83
43) 4-Methyl-2-pentanone	10.21	43	2626	0.941 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	2451	0.330 ug/L	95

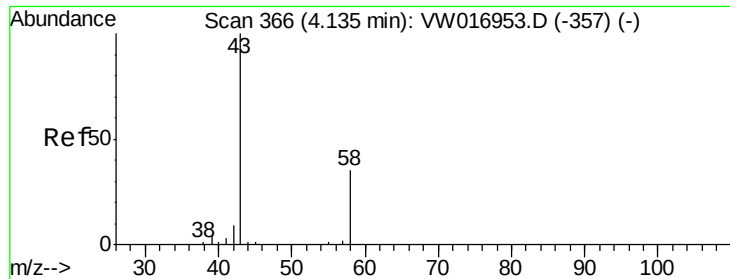
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.146 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016956.D

Acq: 21 Oct 2020 14:47

Instrument :

MSVOA_W

ClientSampled :

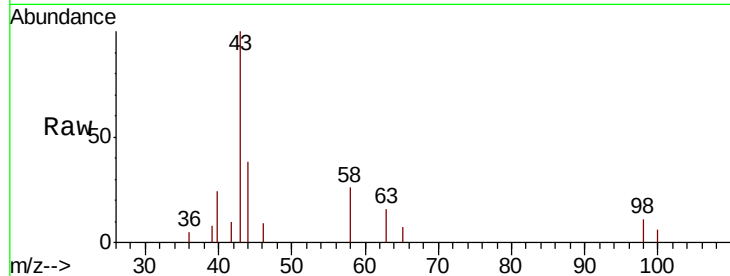
BG3Z2

Tot Ion: 43 Resp: 1025

Ion Ratio Lower Upper

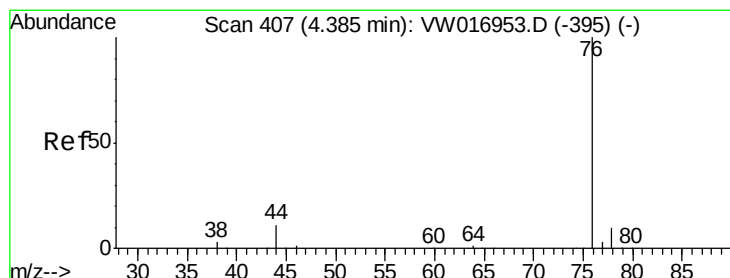
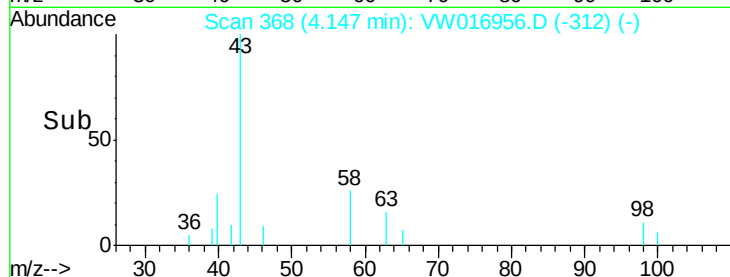
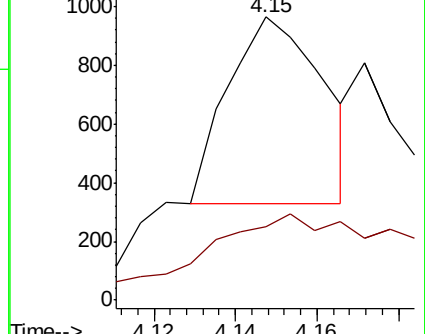
43 100

58 73.4 0.0 67.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.202 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW016956.D

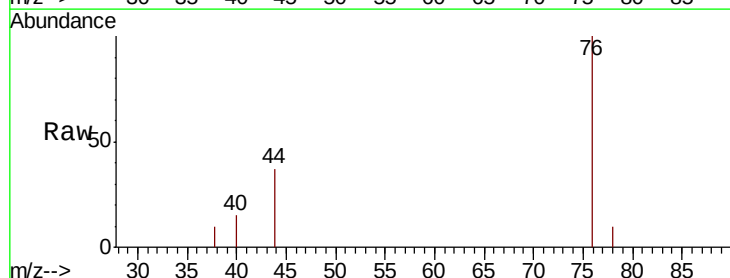
Acq: 21 Oct 2020 14:47

Tgt Ion: 76 Resp: 3962

Ion Ratio Lower Upper

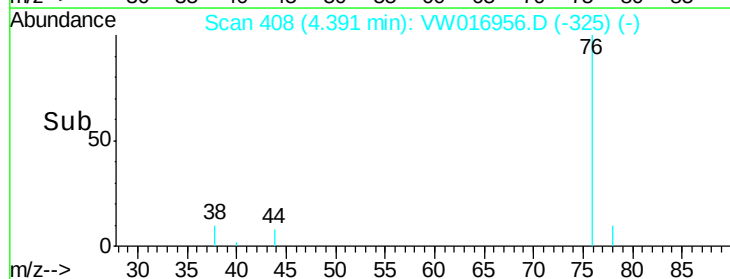
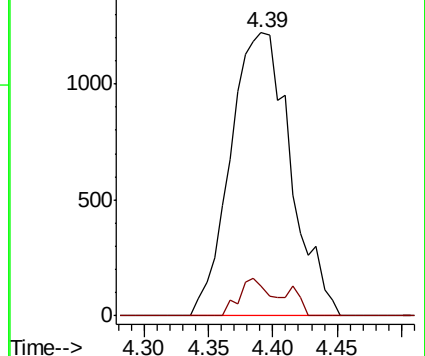
76 100

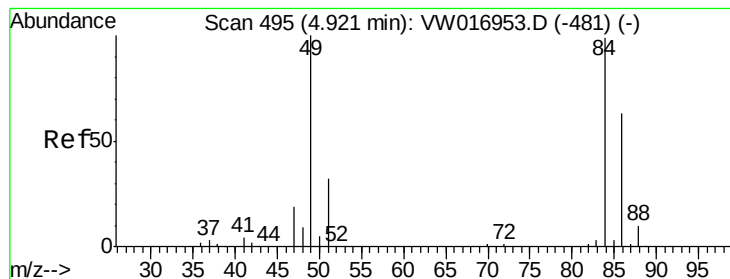
78 10.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methylene chloride

Concen: 0.722 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016956.D

Acq: 21 Oct 2020 14:47

Instrument :

MSVOA_W

ClientSampleId :

BG3Z2

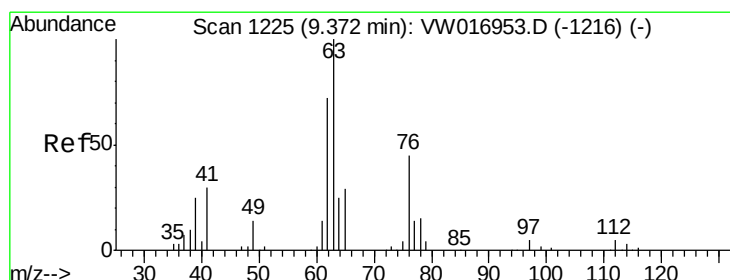
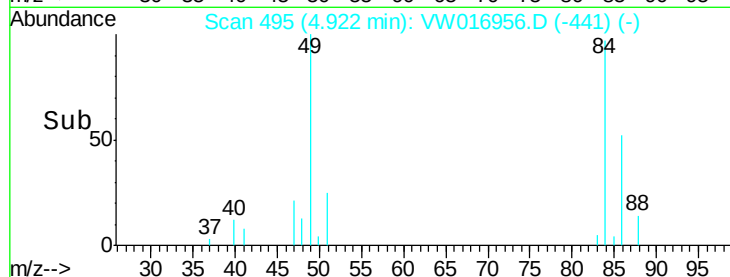
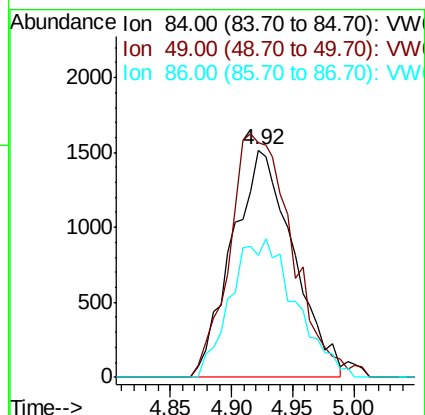
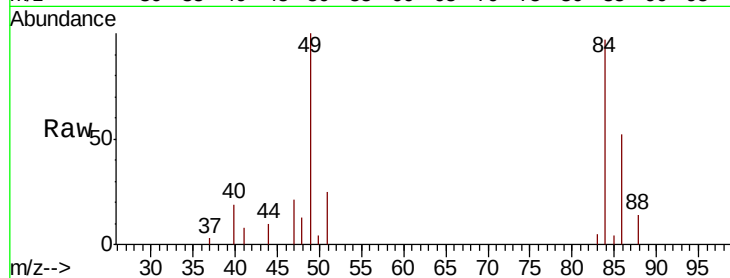
Tot Ion: 84 Resp: 5276

Ion Ratio Lower Upper

84 100

49 102.9 73.1 135.8

86 53.7 46.0 85.4



#40

1,2-Dichloropropane

Concen: 2.887 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016956.D

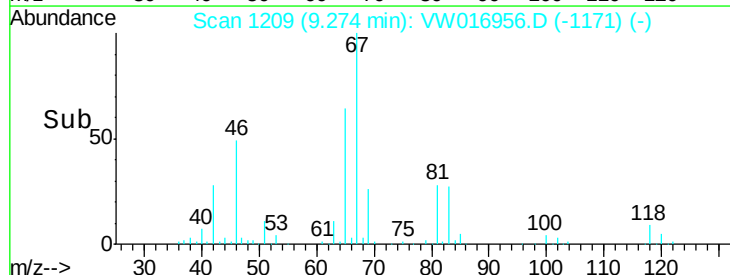
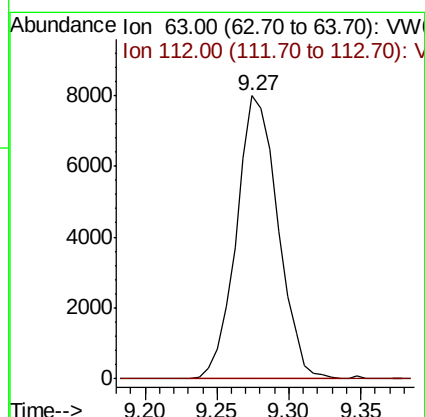
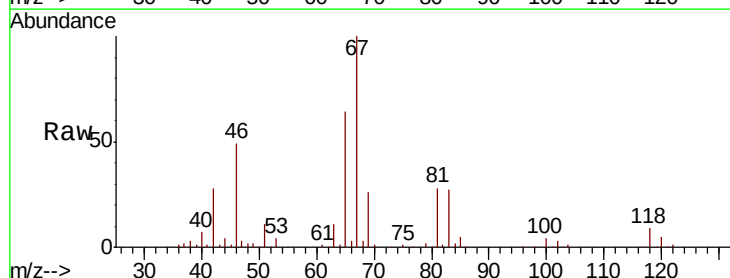
Acq: 21 Oct 2020 14:47

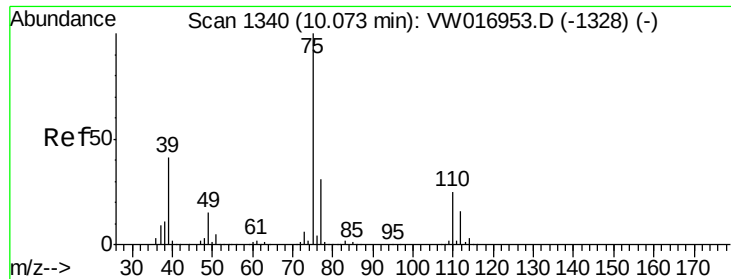
Tgt Ion: 63 Resp: 16004

Ion Ratio Lower Upper

63 100

112 0.3 4.5 6.7#

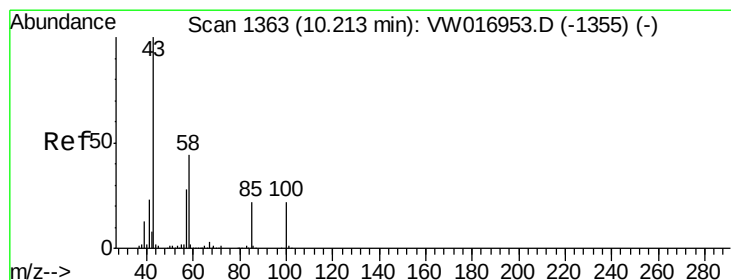
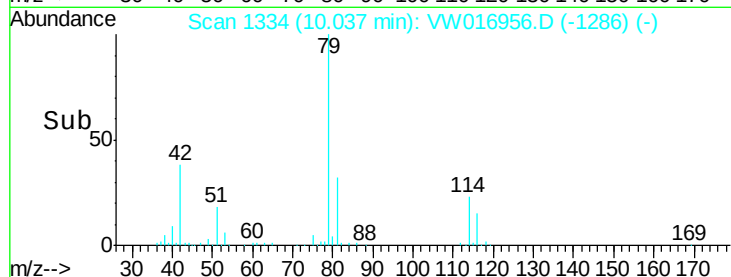
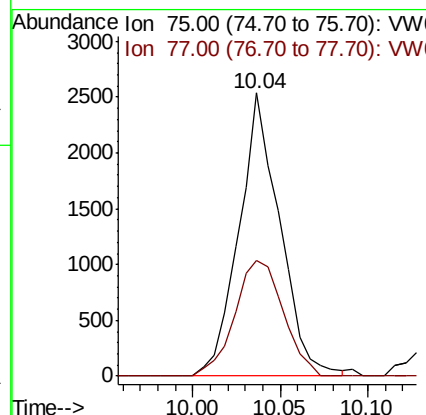
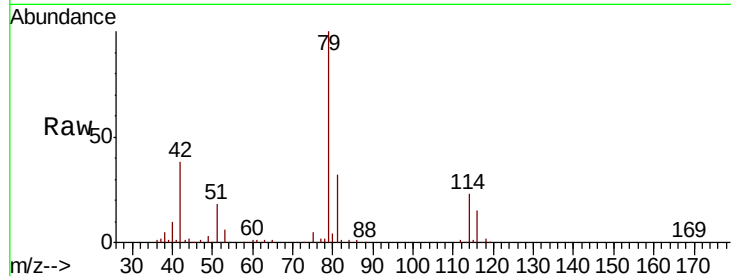




#42
 cis-1,3-Dichloropropene
 Concen: 0.467 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016956.D
 Acq: 21 Oct 2020 14:47

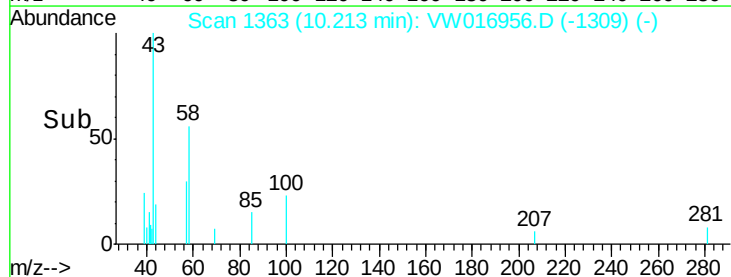
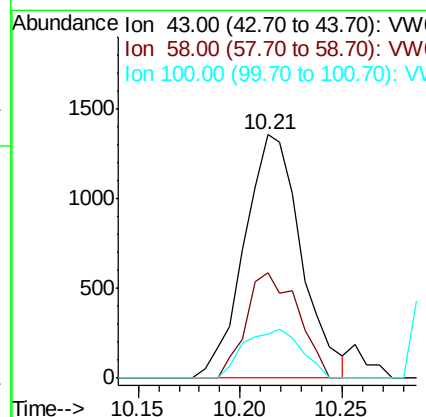
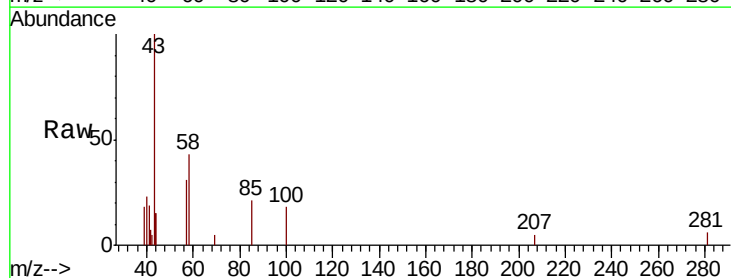
Instrument :
 MSVOA_W
 ClientSampled :
 BG3Z2

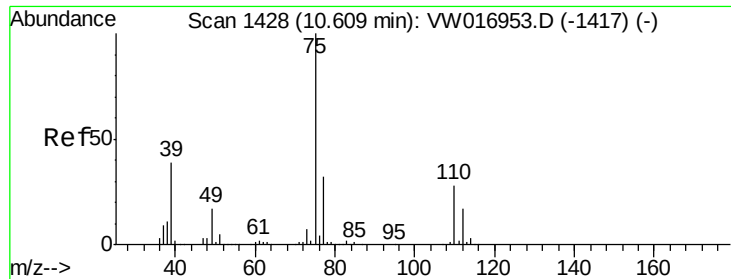
Tot Ion: 75 Resp: 4123
 Ion Ratio Lower Upper
 75 100
 77 41.0 22.1 41.1



#43
 4-Methyl-2-pentanone
 Concen: 0.941 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016956.D
 Acq: 21 Oct 2020 14:47

Tgt Ion: 43 Resp: 2626
 Ion Ratio Lower Upper
 43 100
 58 39.5 34.7 52.1
 100 20.1 16.9 25.3





#45

trans-1,3-Dichloropropene

Concen: 0.330 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016956.D

Acq: 21 Oct 2020 14:47

Instrument :

MSVOA_W

ClientSampleId :

BG3Z2

Tot Ion: 75 Resp: 2451

Ion Ratio Lower Upper

75 100

77 34.6 22.2 41.2

