

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017145.D
 Acq On : 10 Nov 2020 17:11
 Operator : SY/VA
 Sample : L4659-19
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4B9

Quant Time: Nov 11 05:40:31 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	481425	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	435387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	184166	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	139041	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
7) Chloroethane-d5	2.90	69	114636	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.12%
10) 1,1-Dichloroethene-d2	4.02	63	183280	16.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.60%
20) 2-Butanone-d5	7.09	46	49238	36.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.62%
24) Chloroform-d	7.65	84	265694	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	8.31	65	131901	23.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.44%
29) Benzene-d6	8.28	84	532425	24.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.04%
33) 1,2-Dichloropropane-d6	9.28	67	147922	24.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.48%
37) Toluene-d8	10.33	98	499564	23.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.60%
38) trans-1,3-Dichloropropene-	10.58	79	55851	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.80%
39) 2-Hexanone-d5	10.93	63	39511	36.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109512	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	162837	25.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.40%

Target Compounds

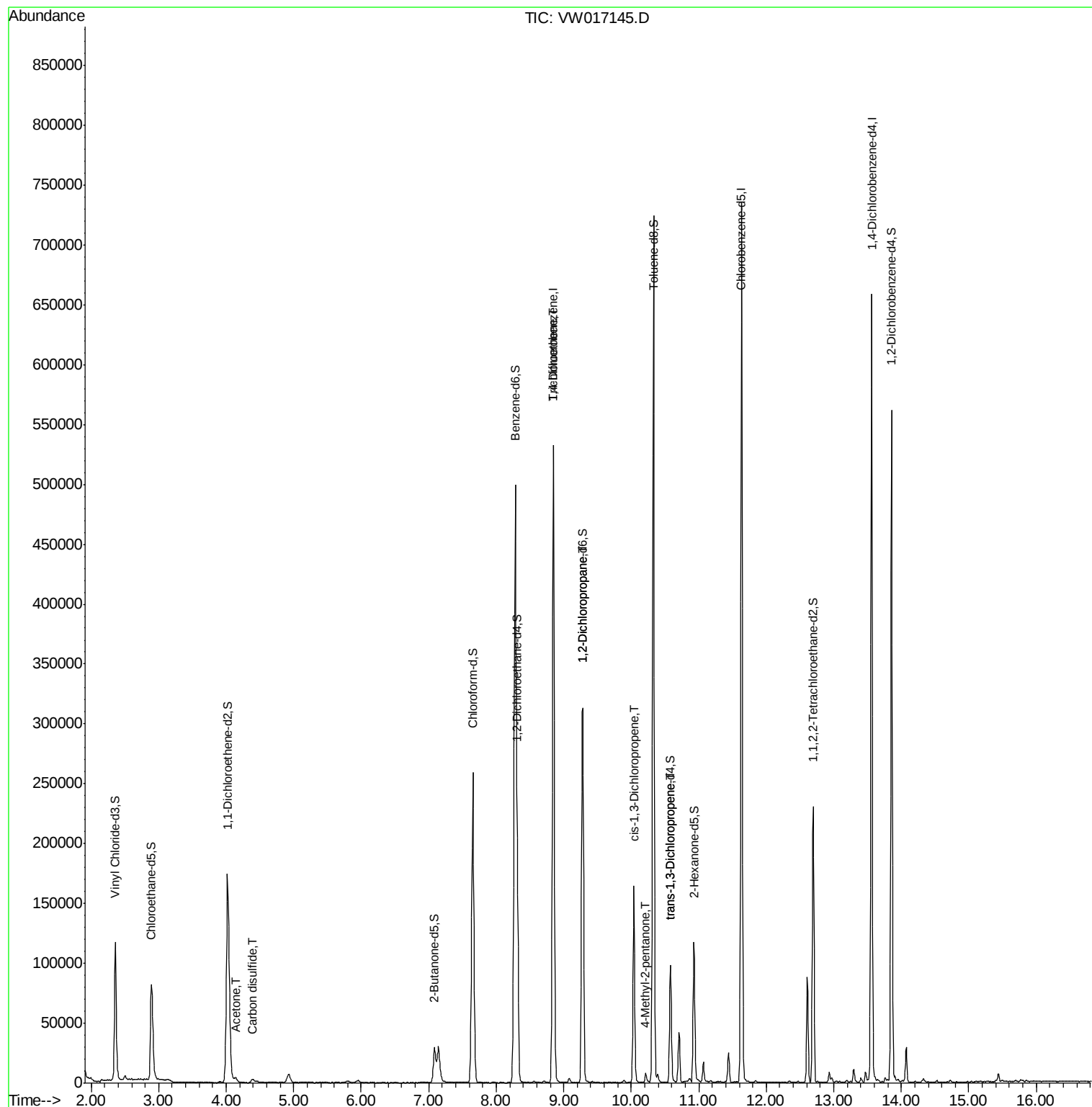
					Ovalue
13) Acetone	4.14	43	6546	7.210 ug/L	92
14) Carbon disulfide	4.39	76	6863	0.422 ug/L	97
35) Trichloroethene	8.85	95	14035	2.192 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	16796	3.143 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4303	0.508 ug/L #	49
43) 4-Methyl-2-pentanone	10.21	43	5091	1.544 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2528	0.348 ug/L #	77

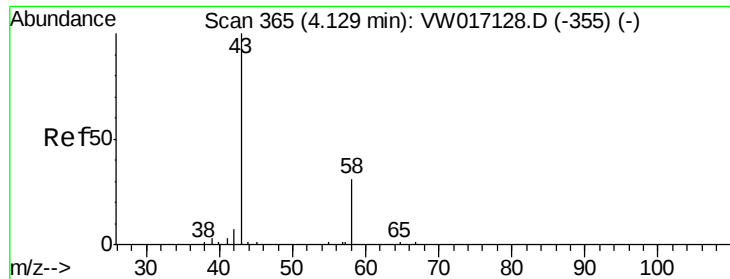
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.210 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017145.D

Acq: 10 Nov 2020 17:11

Instrument :

MSVOA_W

ClientSampleId :

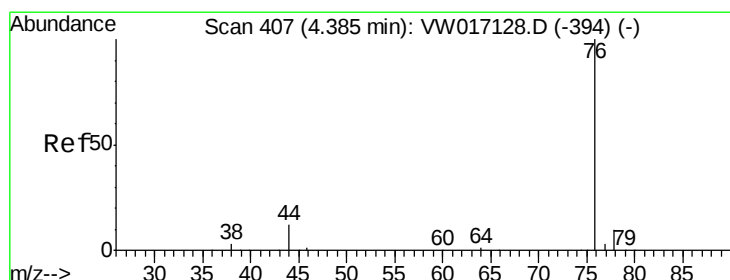
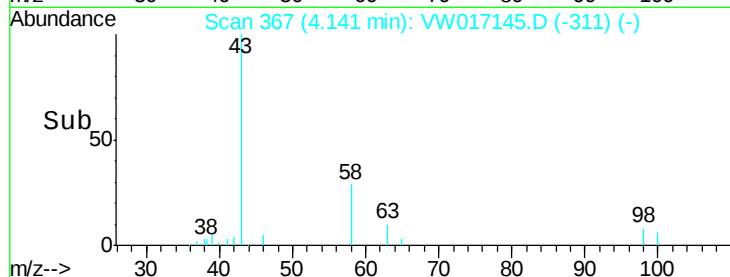
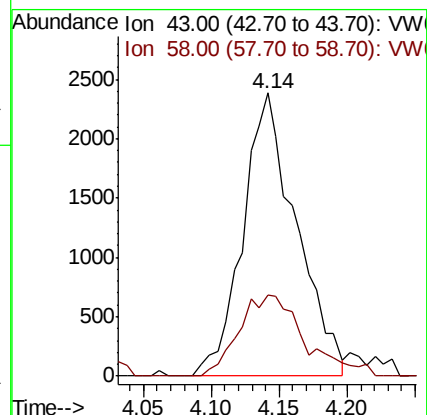
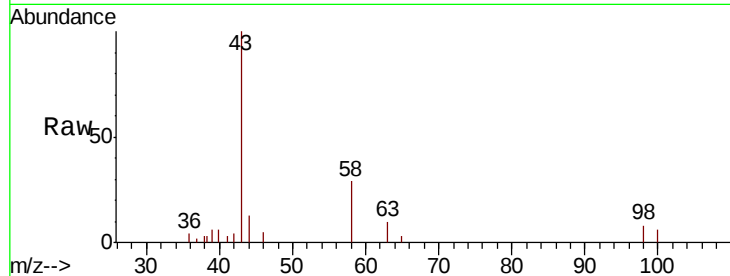
BG4B9

Tot Ion: 43 Resp: 6546

Ion Ratio Lower Upper

43 100

58 29.9 0.0 69.2



#14

Carbon disulfide

Concen: 0.422 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017145.D

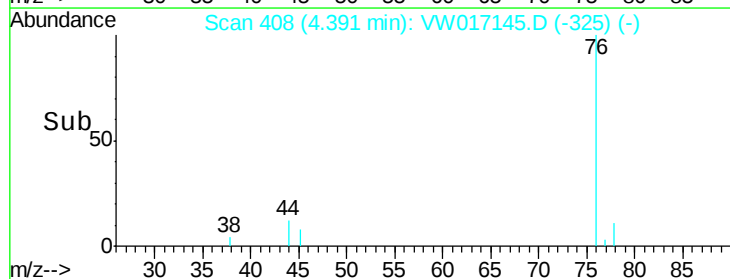
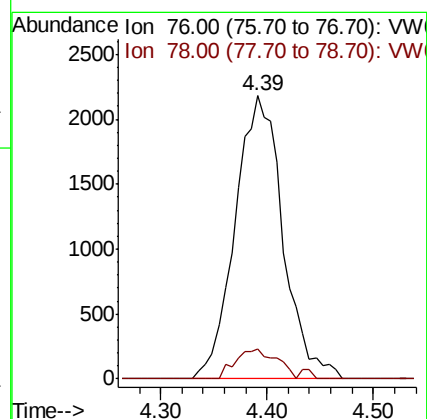
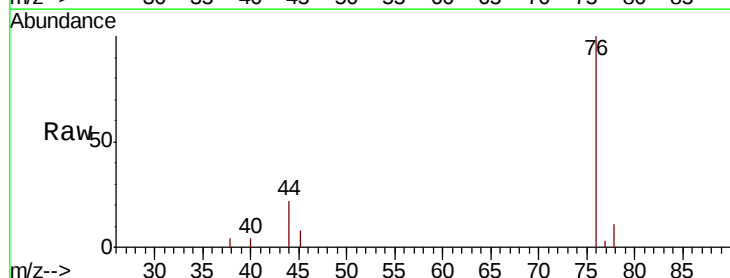
Acq: 10 Nov 2020 17:11

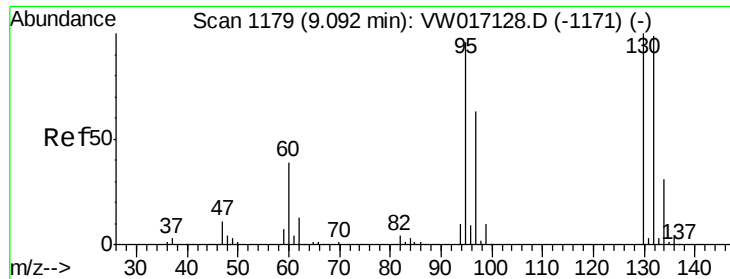
Tgt Ion: 76 Resp: 6863

Ion Ratio Lower Upper

76 100

78 10.5 7.6 11.4





#35

Trichloroethene

Concen: 2.192 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017145.D

Acq: 10 Nov 2020 17:11

Instrument :

MSVOA_W

ClientSampled :

BG4B9

Tot Ion: 95 Resp: 14035

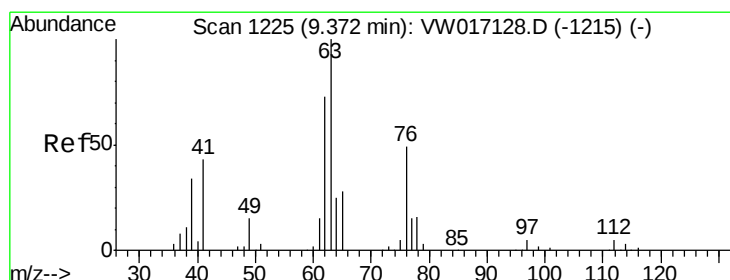
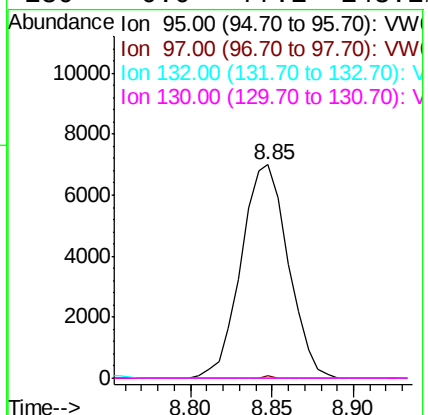
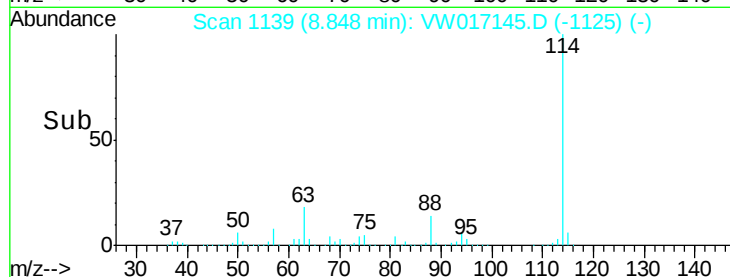
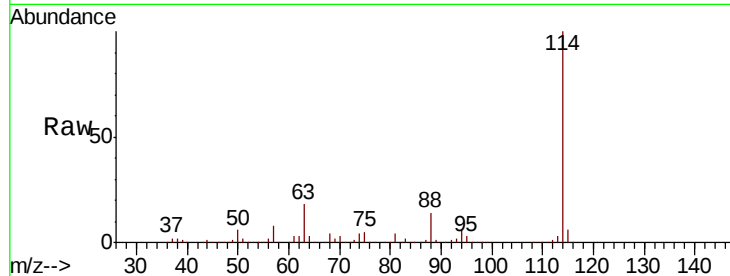
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.3 73.7 136.9#

130 0.0 77.1 143.1#



#40

1,2-Dichloropropane

Concen: 3.143 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017145.D

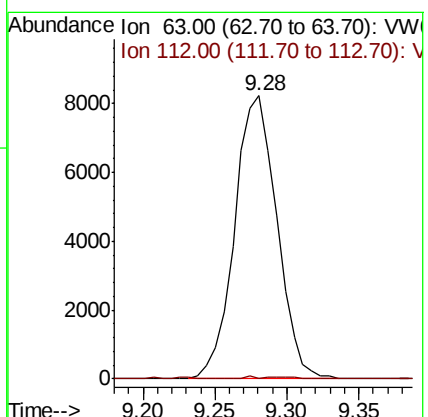
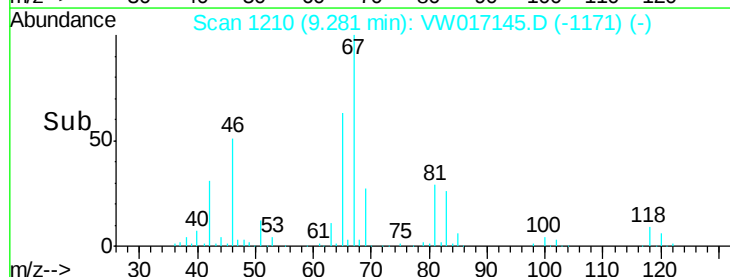
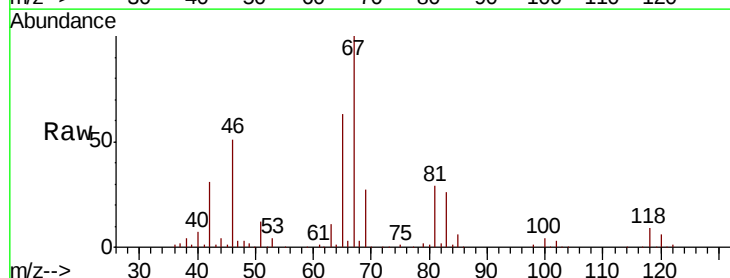
Acq: 10 Nov 2020 17:11

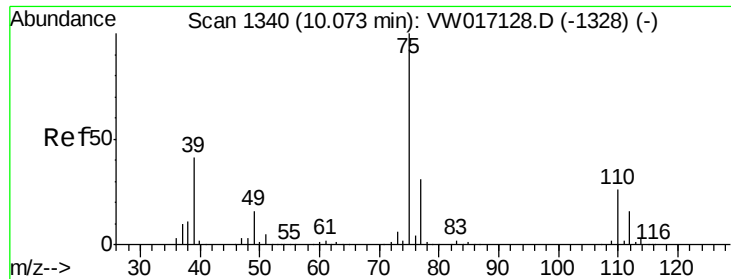
Tgt Ion: 63 Resp: 16796

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#

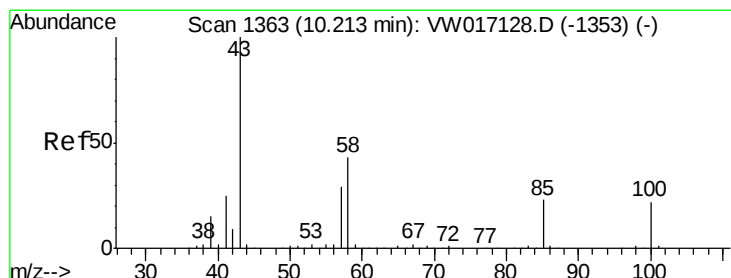
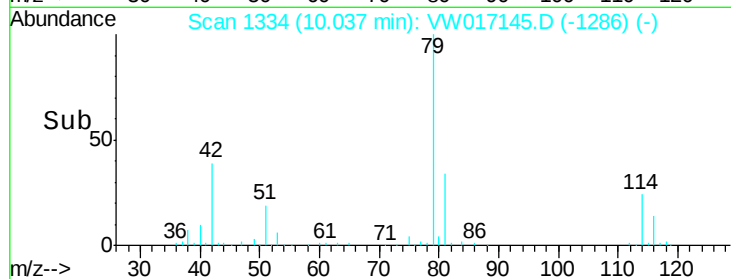
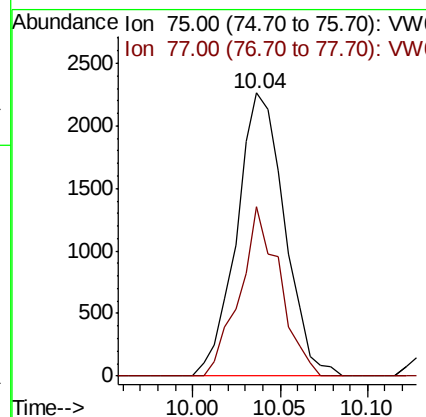
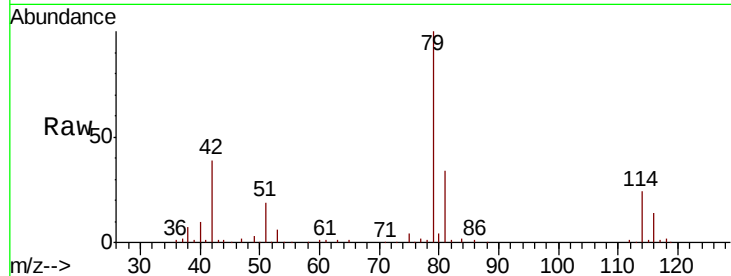




#42
 cis-1,3-Dichloropropene
 Concen: 0.508 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017145.D
 Acq: 10 Nov 2020 17:11

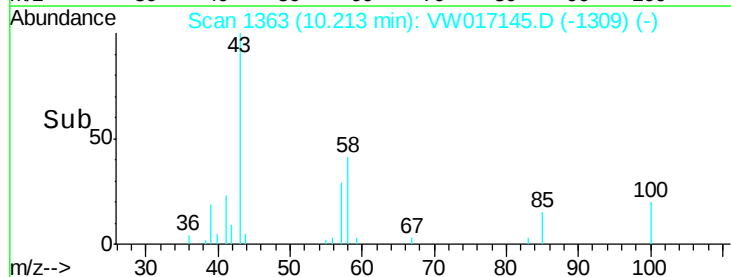
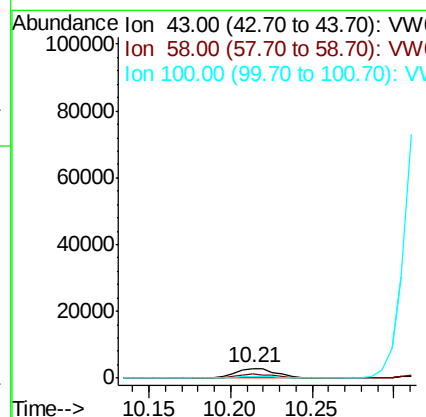
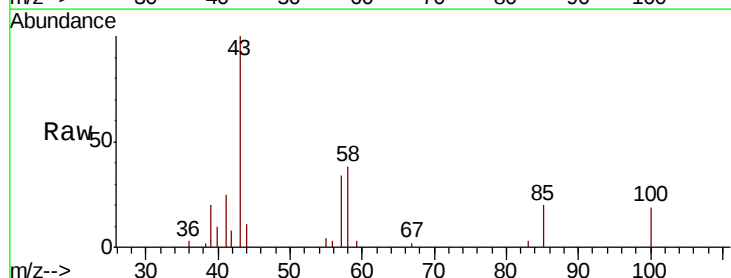
Instrument :
 MSVOA_W
 ClientSampled :
 BG4B9

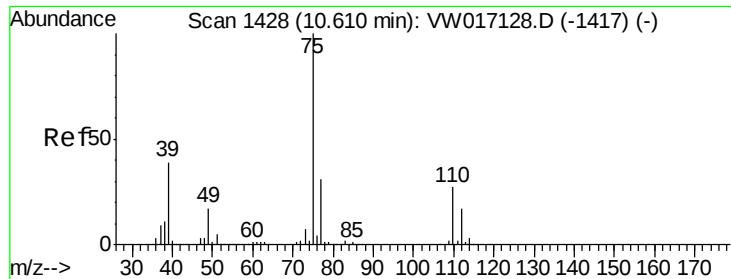
Tot Ion: 75 Resp: 4303
 Ion Ratio Lower Upper
 75 100
 77 59.6 22.0 41.0#



#43
 4-Methyl-2-pentanone
 Concen: 1.544 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017145.D
 Acq: 10 Nov 2020 17:11

Tgt Ion: 43 Resp: 5091
 Ion Ratio Lower Upper
 43 100
 58 42.9 35.0 52.6
 100 22.0 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.348 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017145.D

Acq: 10 Nov 2020 17:11

Instrument :

MSVOA_W

ClientSampleId :

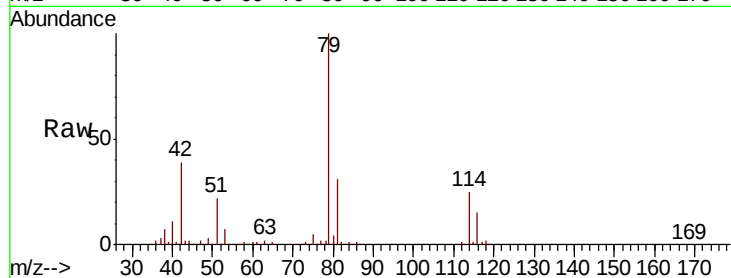
BG4B9

Tot Ion: 75 Resp: 2528

Ion Ratio Lower Upper

75 100

77 44.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

