

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110520\
 Data File : VW017090.D
 Acq On : 05 Nov 2020 15:33
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 06 04:16:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 04:09:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	487481	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	445739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212993	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	155928	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.56%
7) Chloroethane-d5	2.89	69	118590	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.24%
10) 1,1-Dichloroethene-d2	4.02	63	202997	18.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.92%
20) 2-Butanone-d5	7.08	46	68148	49.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.26%
24) Chloroform-d	7.65	84	289970	25.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	8.31	65	148138	26.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.72%
29) Benzene-d6	8.27	84	582484	25.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.64%
33) 1,2-Dichloropropane-d6	9.27	67	161650	25.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.00%
37) Toluene-d8	10.33	98	537760	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.52%
38) trans-1,3-Dichloropropene-	10.58	79	67831	23.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.84%
39) 2-Hexanone-d5	10.93	63	54685	49.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144429	26.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	195933	26.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.44%

Target Compounds

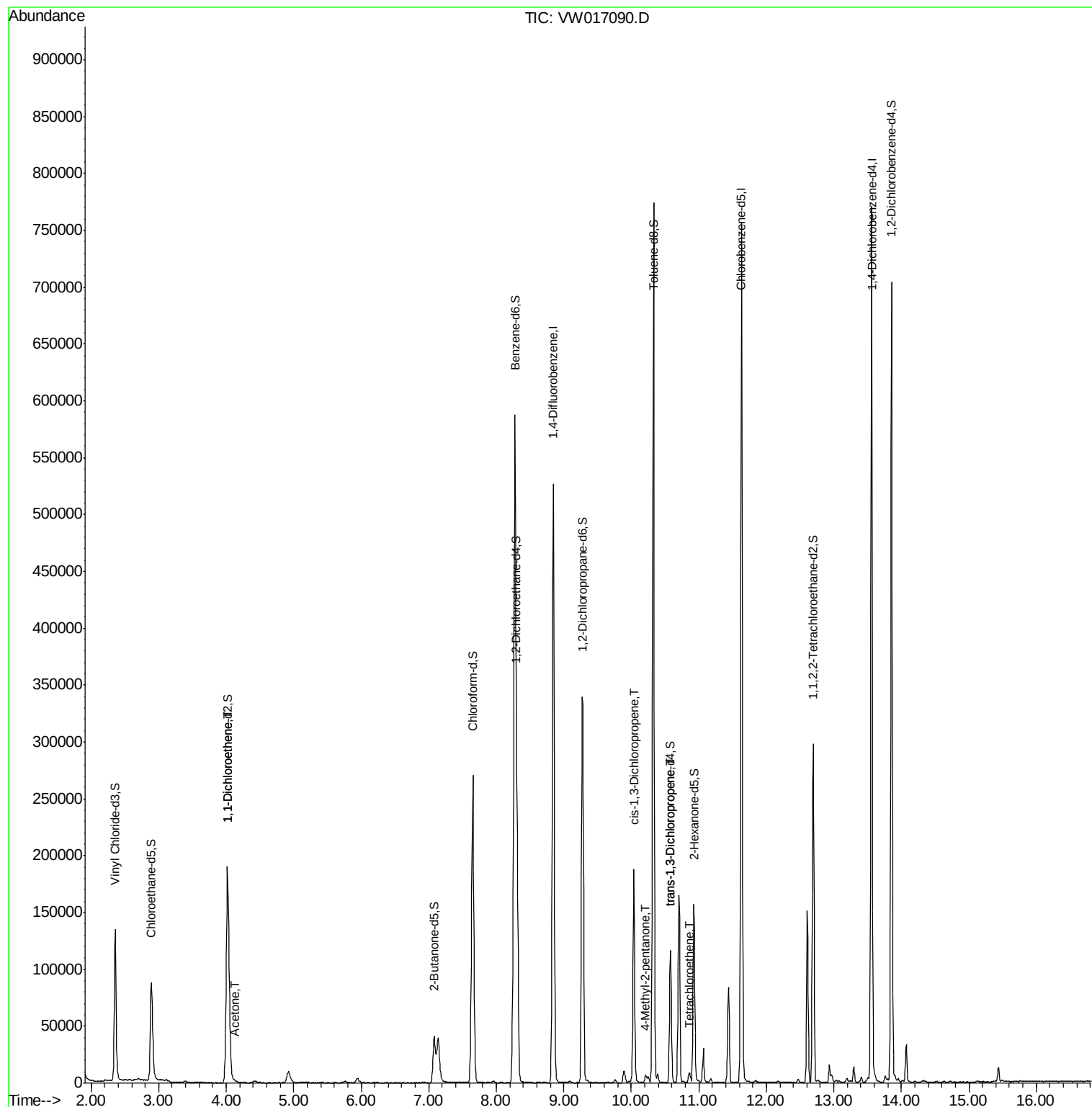
					Ovalue
12) 1,1-Dichloroethene	4.02	96	1933	0.319 ug/L #	1
13) Acetone	4.14	43	1003	1.091 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	5020	0.579 ug/L #	62
43) 4-Methyl-2-pentanone	10.21	43	5552	1.645 ug/L	92
45) trans-1,3-Dichloropropene	10.58	75	3057	0.411 ug/L	96
47) Tetrachloroethene	10.86	164	2121	0.359 ug/L	80

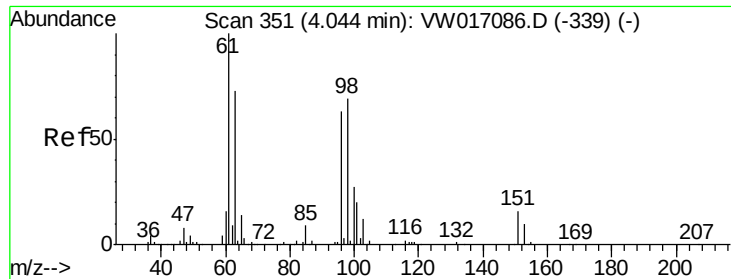
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.319 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017090.D

Acq: 05 Nov 2020 15:33

Instrument :

MSVOA_W

ClientSampled :

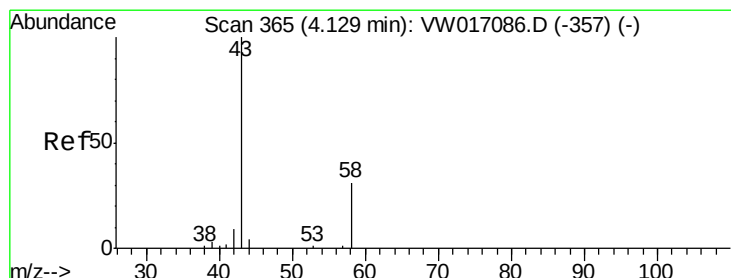
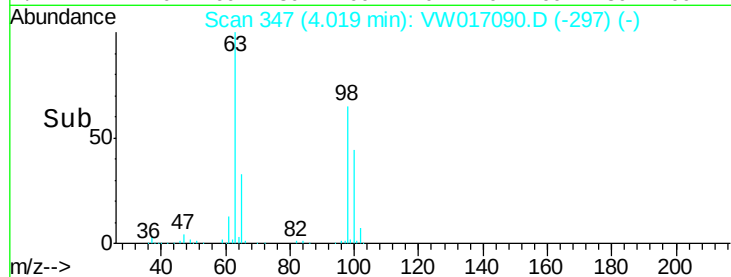
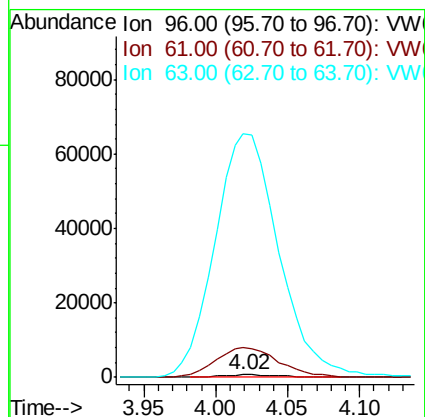
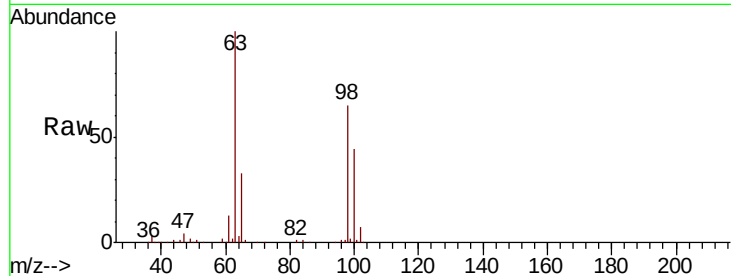
Tot Ion: 96 Resp: 1933

Ion Ratio Lower Upper

96 100

61 1231.0 103.8 192.8#

63 9837.0 84.4 156.7#



#13

Acetone

Concen: 1.091 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017090.D

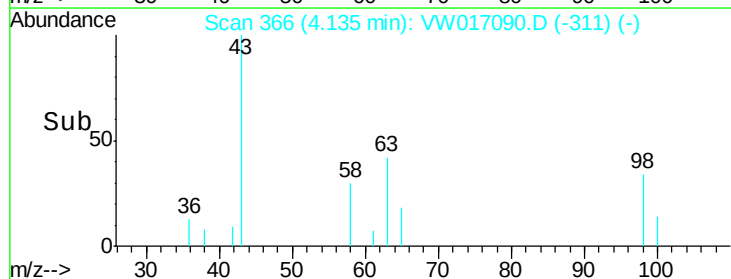
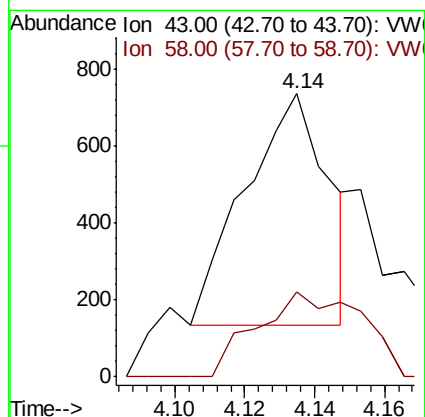
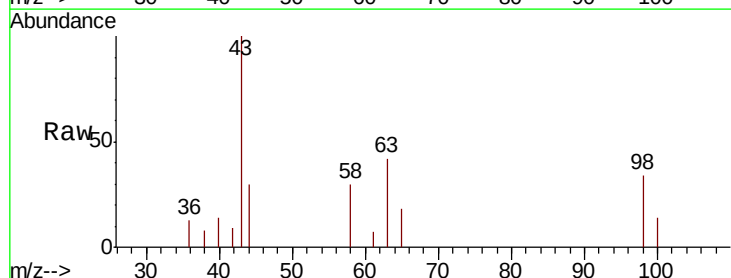
Acq: 05 Nov 2020 15:33

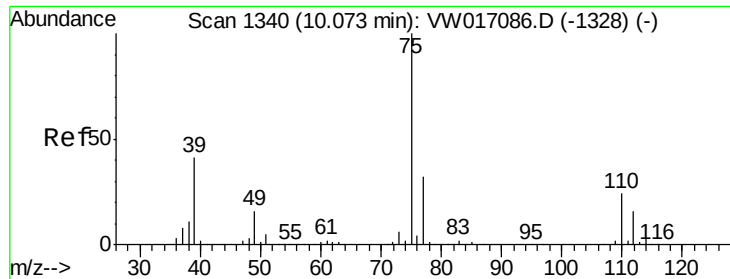
Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

43 100

58 28.5 0.0 69.2





#42

cis-1,3-Dichloropropene

Concen: 0.579 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017090.D

Acq: 05 Nov 2020 15:33

Instrument :

MSVOA_W

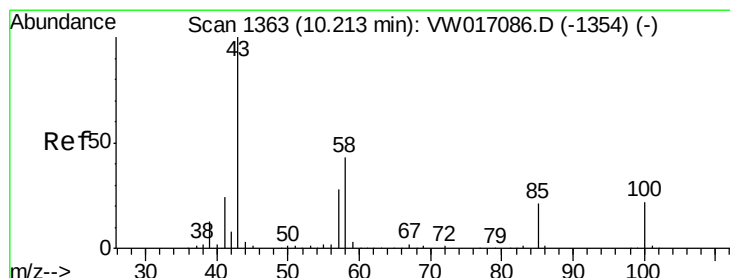
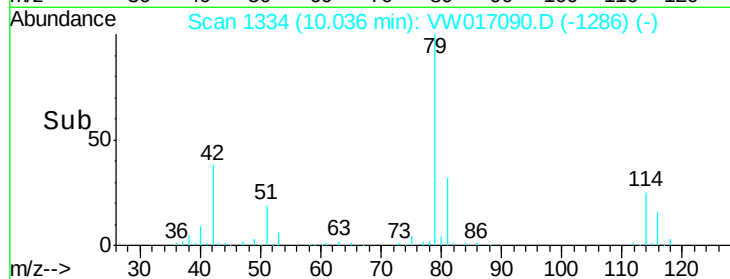
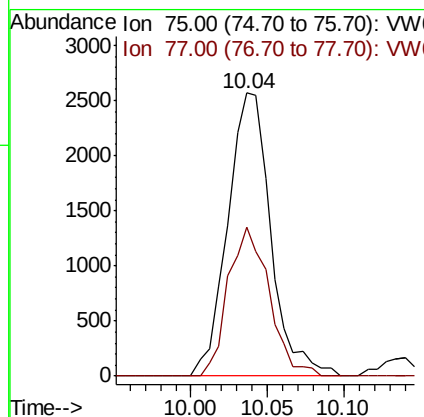
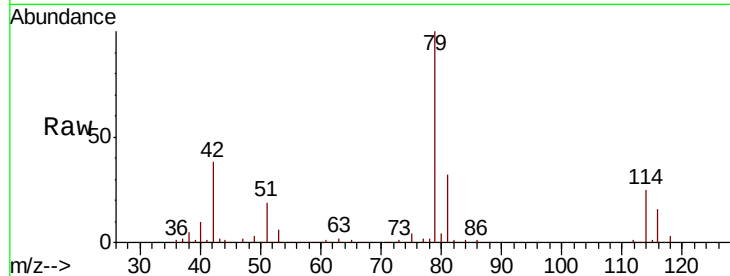
ClientSampleId :

Tot Ion: 75 Resp: 5020

Ion Ratio Lower Upper

75 100

77 52.7 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 1.645 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017090.D

Acq: 05 Nov 2020 15:33

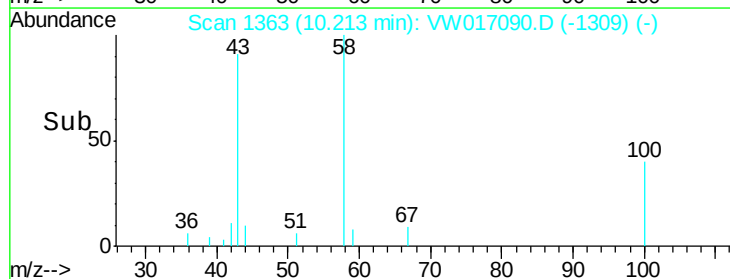
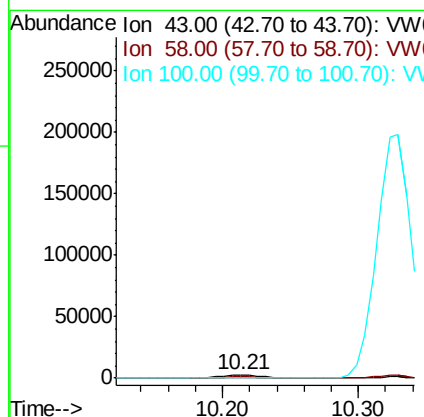
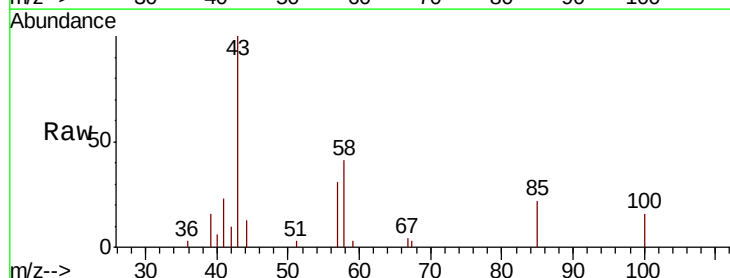
Tgt Ion: 43 Resp: 5552

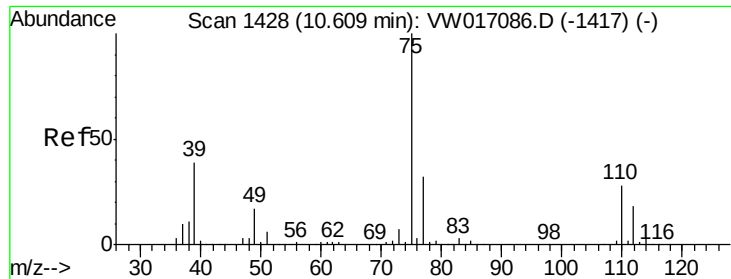
Ion Ratio Lower Upper

43 100

58 38.1 35.0 52.6

100 17.7 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.411 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017090.D

Acq: 05 Nov 2020 15:33

Instrument :

MSVOA_W

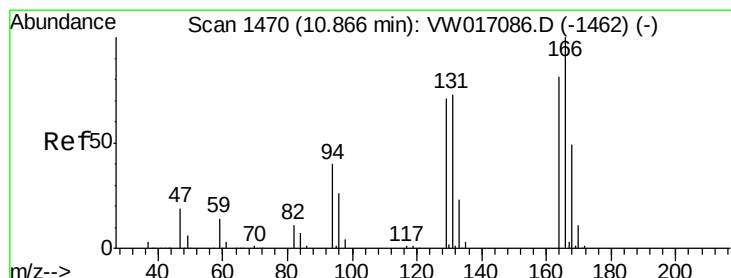
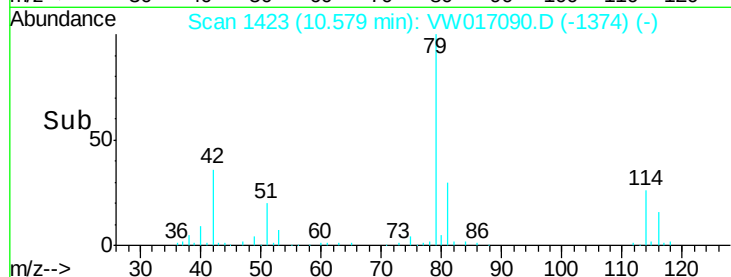
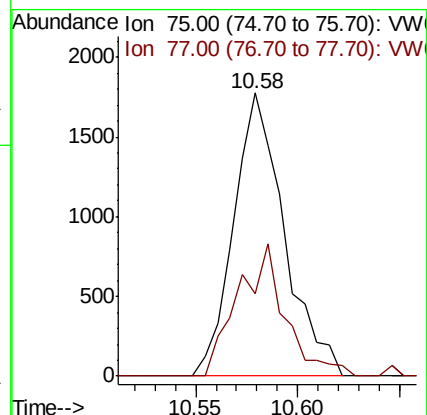
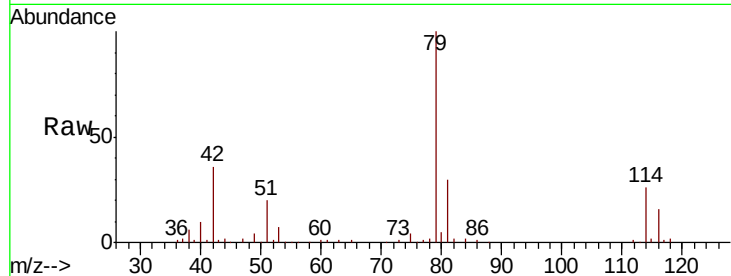
ClientSampleId :

Tot Ion: 75 Resp: 3057

Ion Ratio Lower Upper

75 100

77 29.2 22.1 41.1



#47

Tetrachloroethene

Concen: 0.359 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW017090.D

Acq: 05 Nov 2020 15:33

Tgt Ion: 164 Resp: 2121

Ion Ratio Lower Upper

164 100

129 77.9 62.9 116.7

131 71.8 63.3 117.5

166 101.0 92.0 170.8

