

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102920\
 Data File : VW017021.D
 Acq On : 29 Oct 2020 11:07
 Operator : SY/VA
 Sample : VW1029SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 30 01:10:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	473391	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	432307	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200864	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	110331	20.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.80%
7) Chloroethane-d5	2.89	69	92394	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.32%
10) 1,1-Dichloroethene-d2	4.02	63	167070	15.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.88%
20) 2-Butanone-d5	7.08	46	58455	56.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.60%
24) Chloroform-d	7.65	84	256564	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.30	65	127971	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	8.27	84	523855	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	9.27	67	147005	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.12%
37) Toluene-d8	10.33	98	494741	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.64%
38) trans-1,3-Dichloropropene-	10.58	79	59716	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	10.93	63	47882	56.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121581	26.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	182082	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds

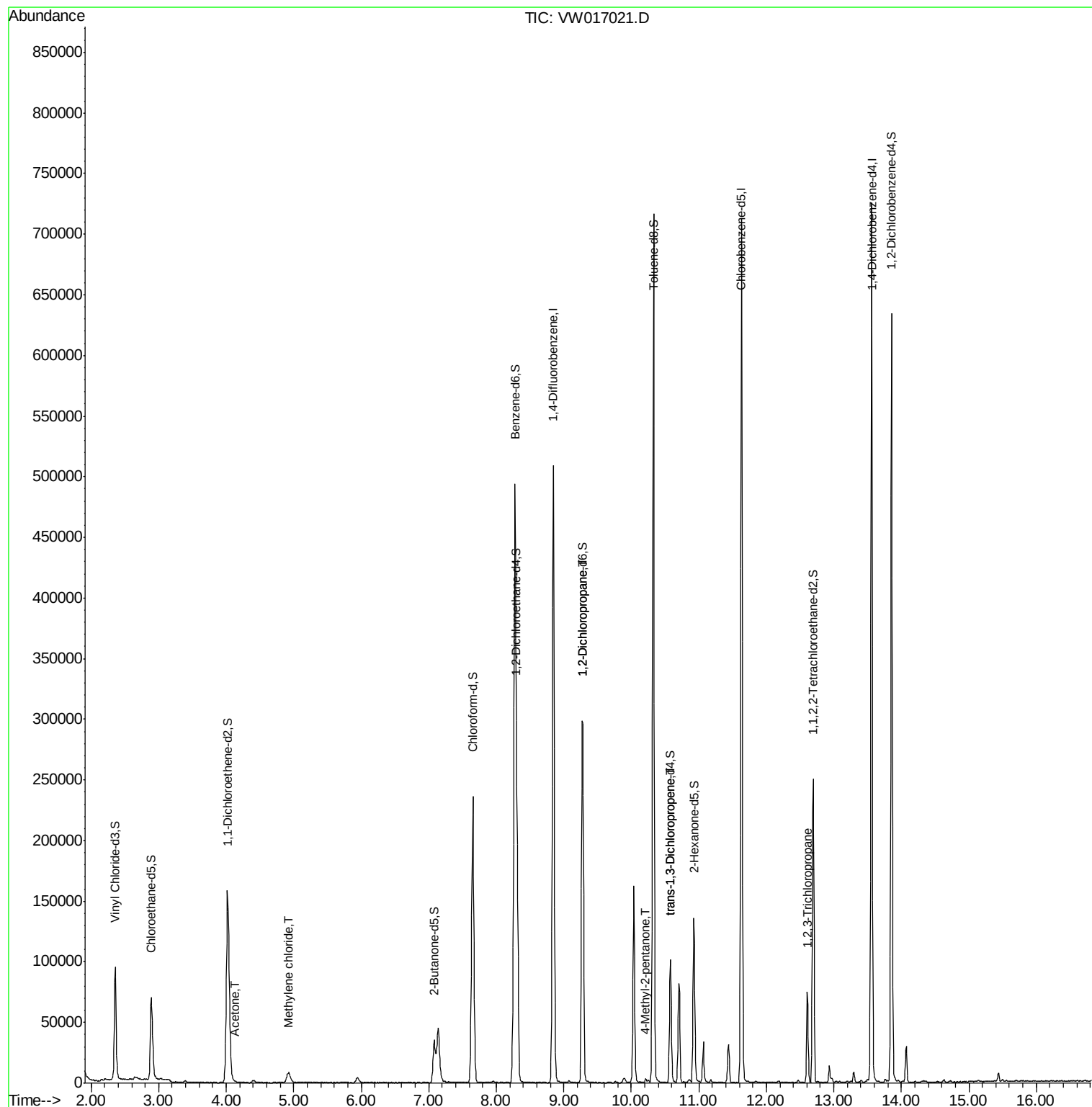
					Ovalue
13) Acetone	4.13	43	478	0.690 ug/L	77
16) Methylene chloride	4.92	84	4136	0.661 ug/L	85
40) 1,2-Dichloropropane	9.27	63	15963	2.993 ug/L #	85
43) 4-Methyl-2-pentanone	10.21	43	2266	0.896 ug/L #	87
45) trans-1,3-Dichloropropene	10.58	75	2664	0.386 ug/L #	82
59) 1,2,3-Trichloropropane	12.61	75	878	0.268 ug/L	98

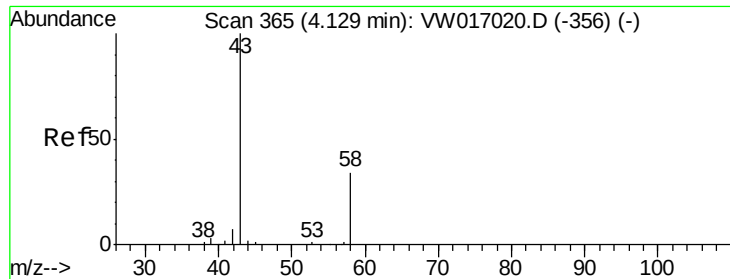
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Oct 30 01:03:22 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.690 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017021.D

Acq: 29 Oct 2020 11:07

Instrument :

MSVOA_W

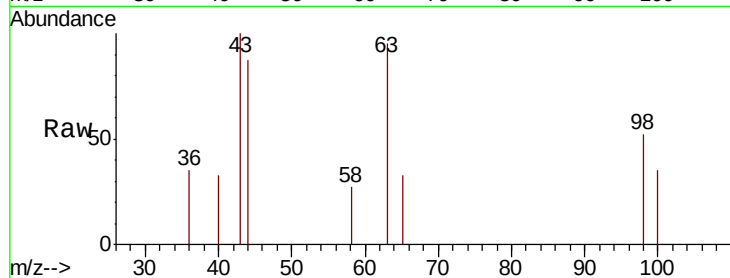
ClientSampled :

Tot Ion: 43 Resp: 478

Ion Ratio Lower Upper

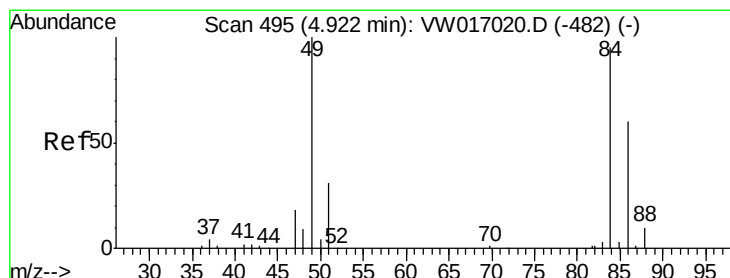
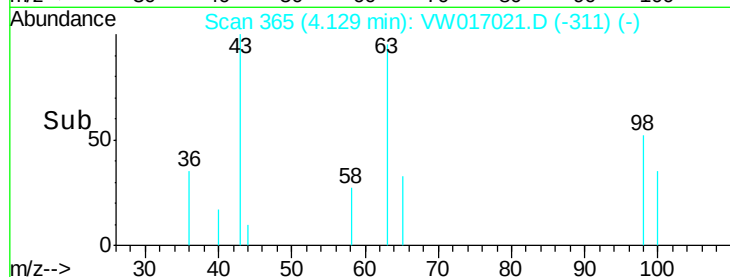
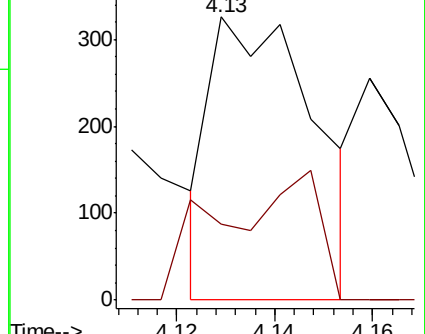
43 100

58 21.5 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 0.661 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017021.D

Acq: 29 Oct 2020 11:07

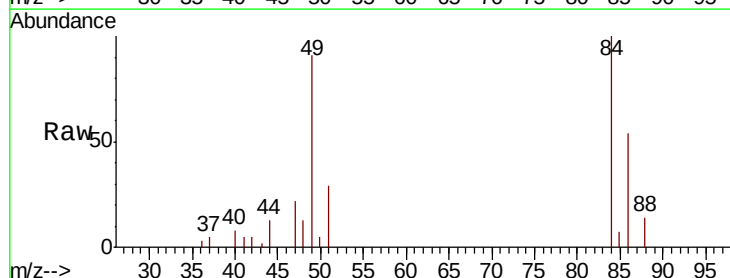
Tgt Ion: 84 Resp: 4136

Ion Ratio Lower Upper

84 100

49 91.3 73.8 137.0

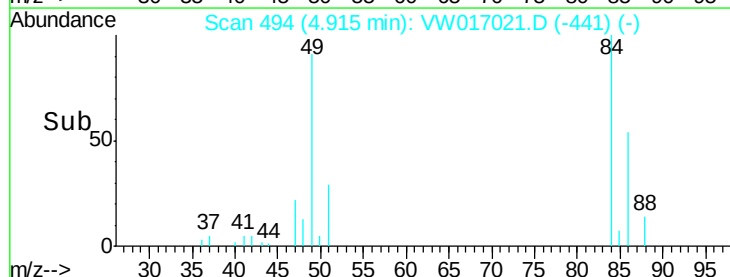
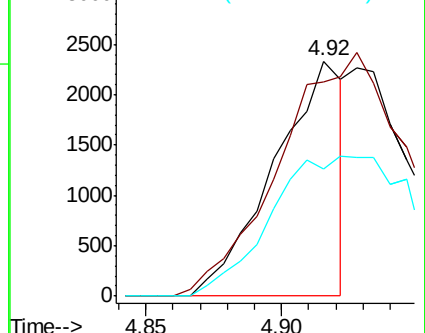
86 53.9 47.4 88.0

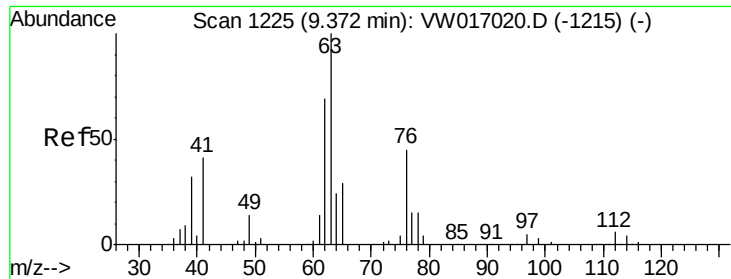


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

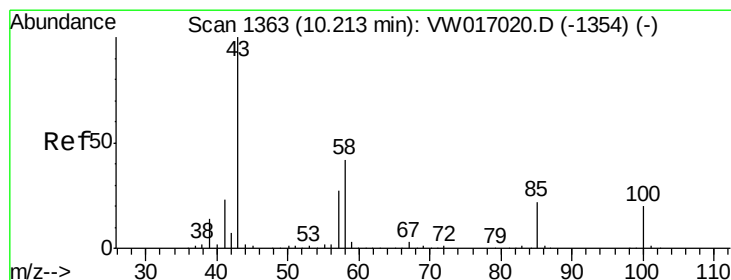
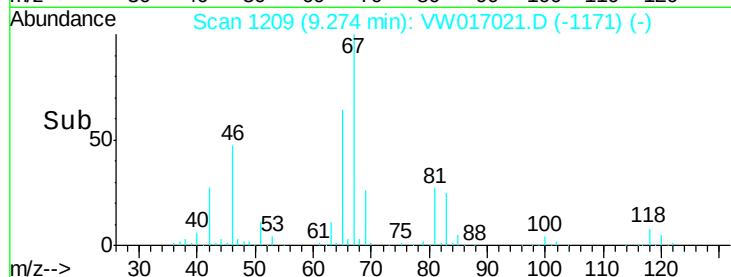
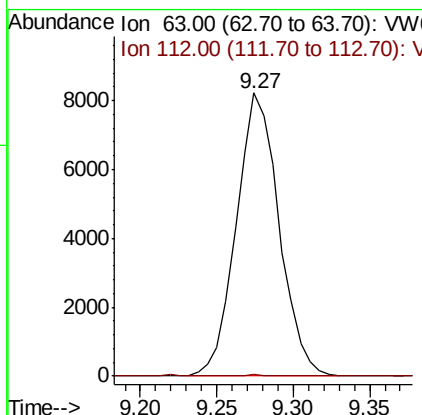
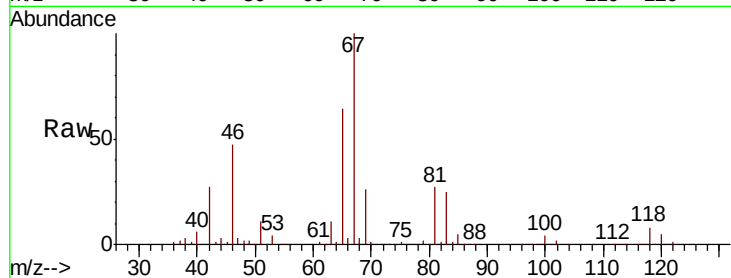




#40
 1,2-Dichloropropane
 Concen: 2.993 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017021.D
 Acq: 29 Oct 2020 11:07

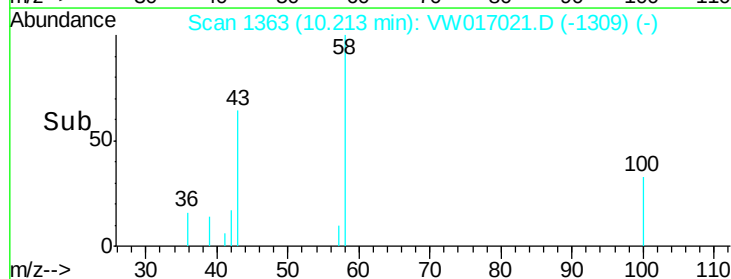
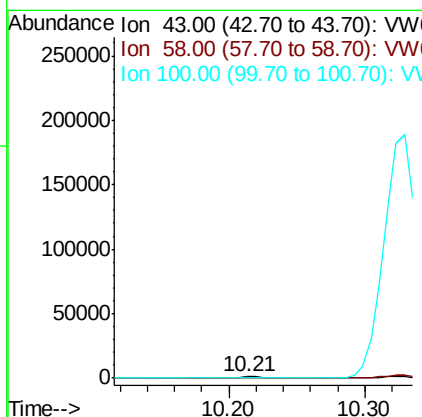
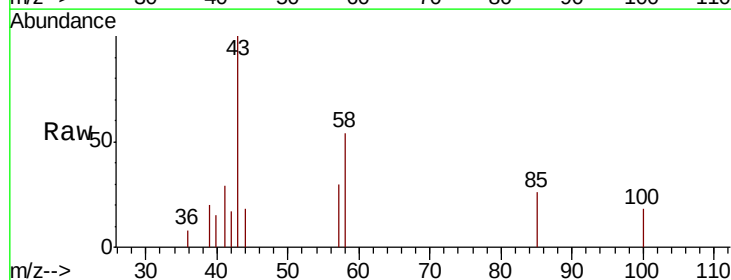
Instrument :
 MSVOA_W
 ClientSampled :

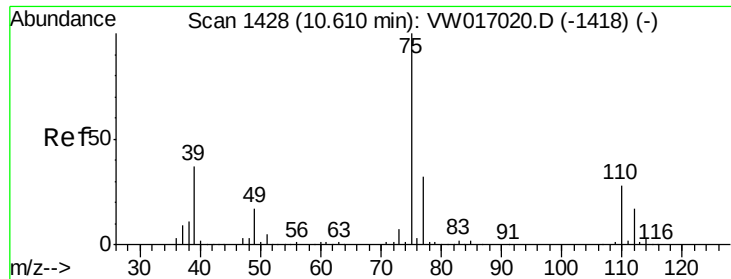
Tot Ion: 63 Resp: 15963
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.5 6.7#



#43
 4-Methyl-2-pentanone
 Concen: 0.896 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017021.D
 Acq: 29 Oct 2020 11:07

Tgt Ion: 43 Resp: 2266
 Ion Ratio Lower Upper
 43 100
 58 47.1 34.4 51.6
 100 7.8 16.2 24.2#





#45

trans-1,3-Dichloropropene

Concen: 0.386 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017021.D

Acq: 29 Oct 2020 11:07

Instrument :

MSVOA_W

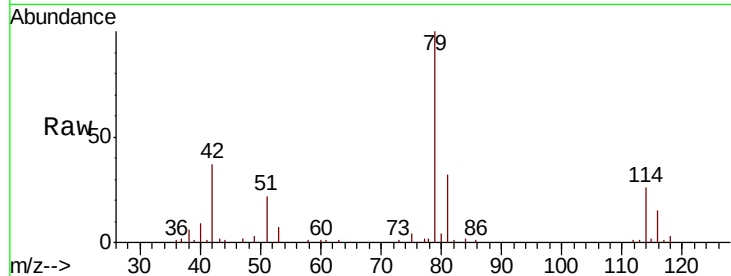
ClientSampleId :

Tot Ion: 75 Resp: 2664

Ion Ratio Lower Upper

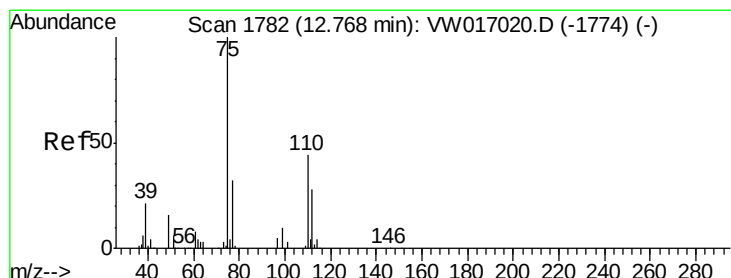
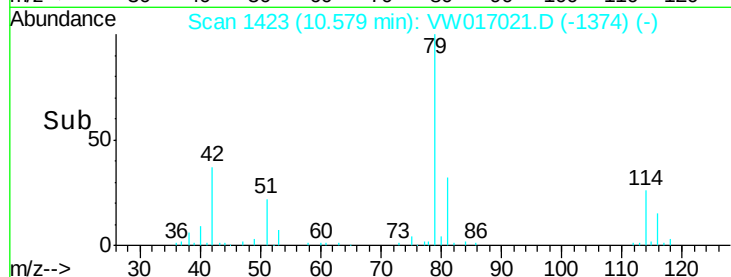
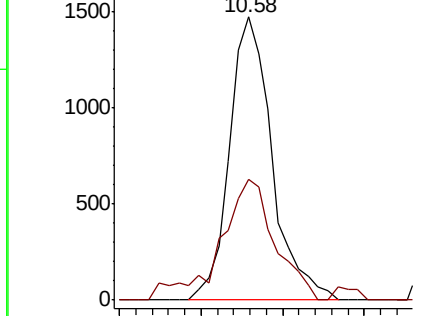
75 100

77 42.7 22.7 42.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 0.268 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017021.D

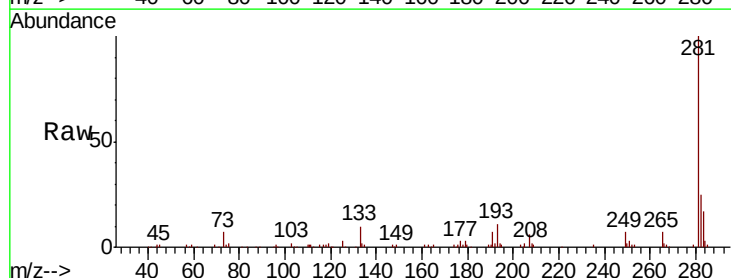
Acq: 29 Oct 2020 11:07

Tgt Ion: 75 Resp: 878

Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

