

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016978.D
 Acq On : 23 Oct 2020 13:09
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	525496	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	474603	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	221616	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	164400	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.44%
7) Chloroethane-d5	2.90	69	125492	26.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.80%
10) 1,1-Dichloroethene-d2	4.03	63	230547	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.16%
20) 2-Butanone-d5	7.09	46	58923	51.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.16%
24) Chloroform-d	7.65	84	302582	24.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	8.31	65	148737	26.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.28%
29) Benzene-d6	8.28	84	638906	26.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.84%
33) 1,2-Dichloropropane-d6	9.28	67	172909	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.12%
37) Toluene-d8	10.33	98	607142	26.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.80%
38) trans-1,3-Dichloropropene-	10.58	79	69840	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.04%
39) 2-Hexanone-d5	10.93	63	49224	53.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130934	26.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	214796	27.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.32%

Target Compounds

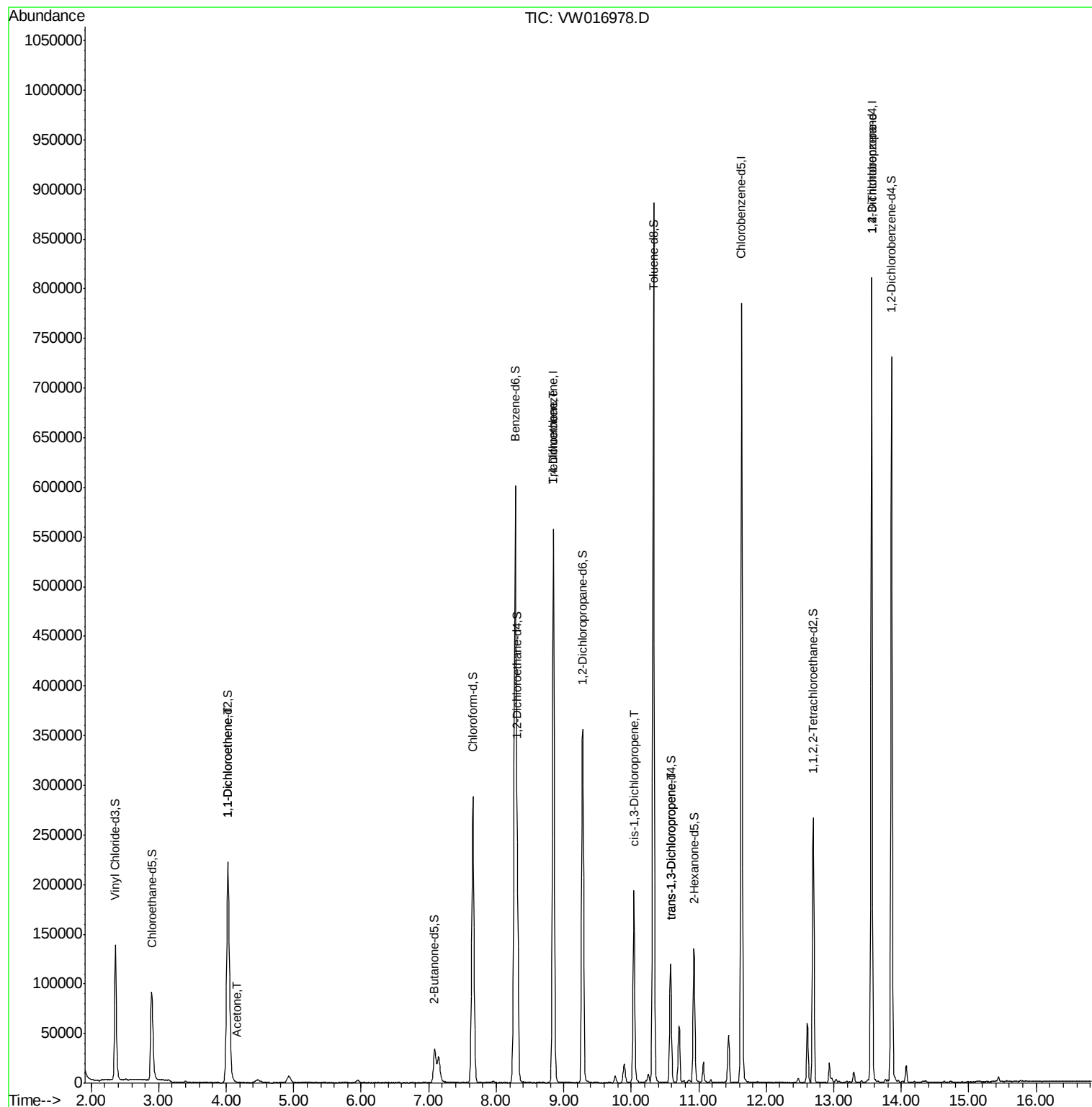
					Ovalue
12) 1,1-Dichloroethene	4.03	96	2198	0.320 ug/L #	1
13) Acetone	4.16	43	863	1.123 ug/L	58
35) Trichloroethene	8.85	95	14902	2.052 ug/L #	1
42) cis-1,3-Dichloropropene	10.04	75	4833	0.528 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	3129	0.413 ug/L	88
59) 1,2,3-Trichloropropane	13.56	75	23735	6.593 ug/L	93

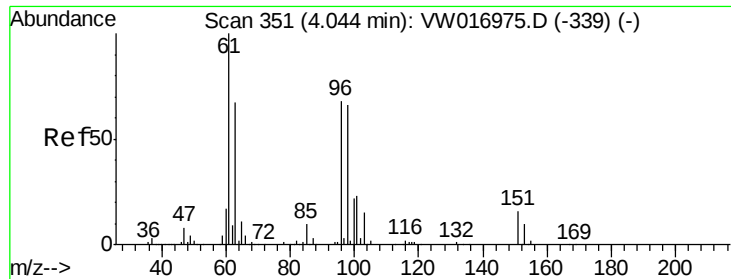
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 24 00:31:51 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.320 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW016978.D

Acq: 23 Oct 2020 13:09

Instrument :

MSVOA_W

ClientSampled :

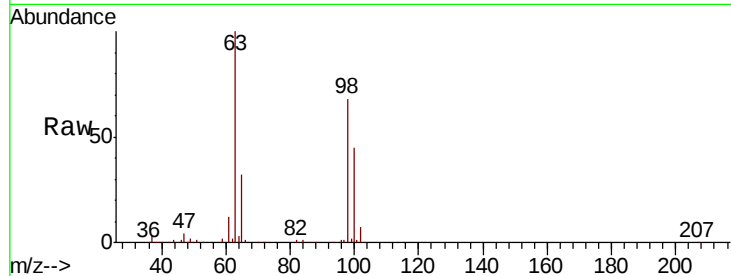
Tot Ion: 96 Resp: 2198

Ion Ratio Lower Upper

96 100

61 1333.7 101.4 188.4#

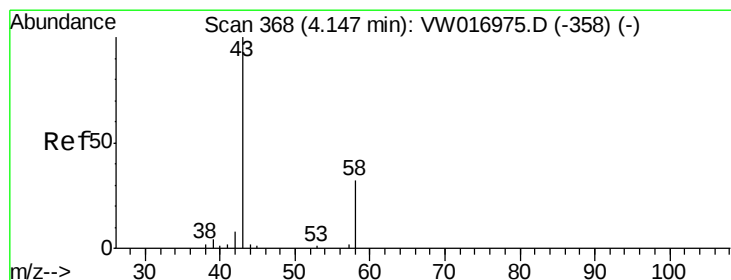
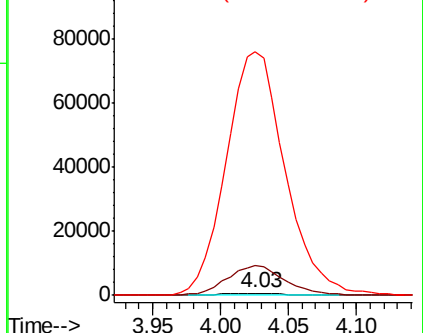
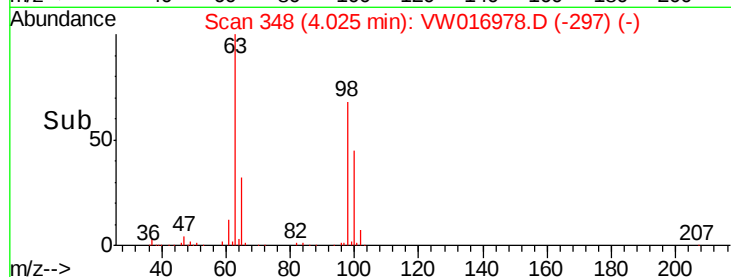
63 10741.1 78.5 145.9#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 1.123 ug/L

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW016978.D

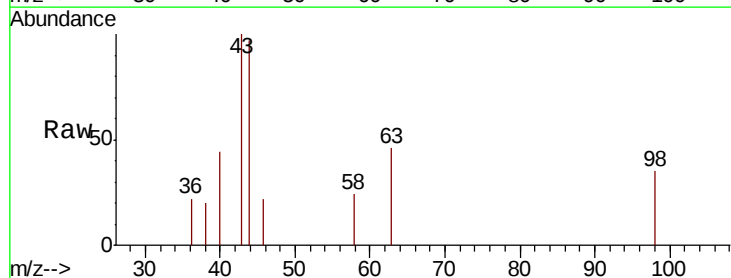
Acq: 23 Oct 2020 13:09

Tgt Ion: 43 Resp: 863

Ion Ratio Lower Upper

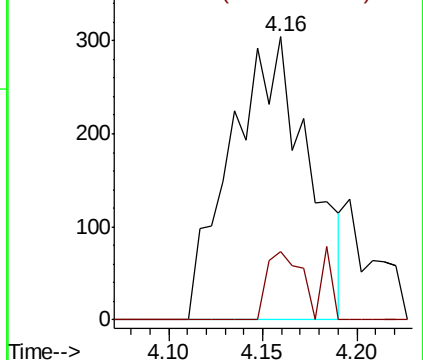
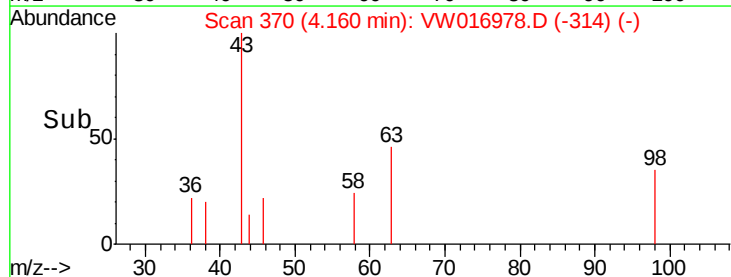
43 100

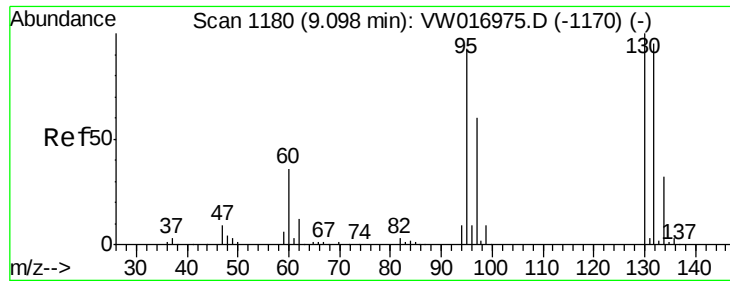
58 10.7 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#35

Trichloroethene

Concen: 2.052 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

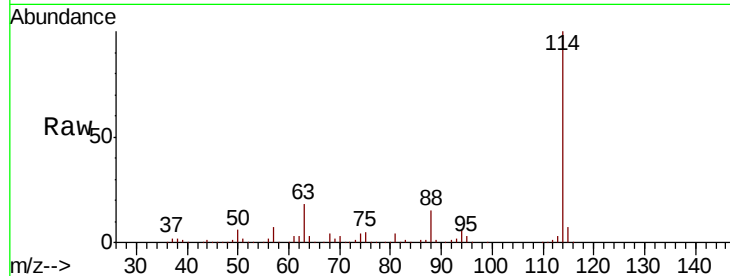
Lab File: VW016978.D

Acq: 23 Oct 2020 13:09

Instrument :

MSVOA_W

ClientSampled :



Tot Ion: 95 Resp: 14902

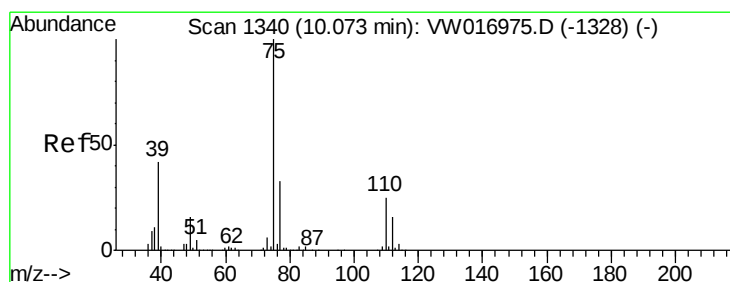
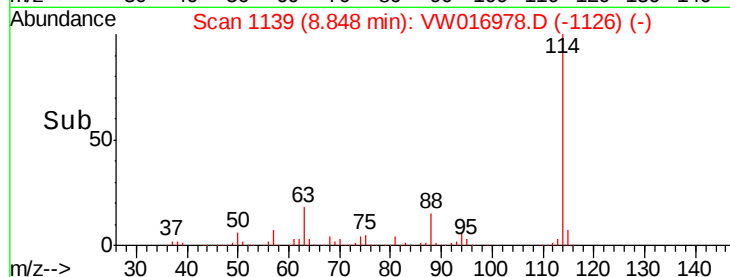
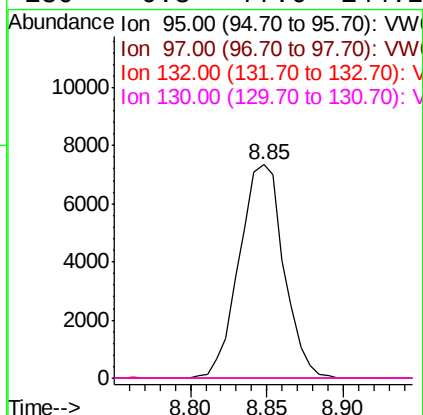
Ion Ratio Lower Upper

95 100

97 0.0 46.0 85.4#

132 0.0 73.9 137.3#

130 0.3 77.6 144.2#



#42

cis-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016978.D

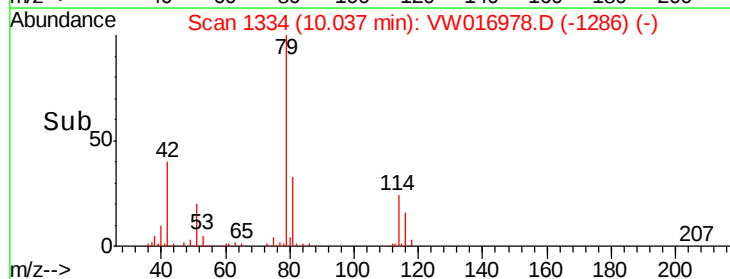
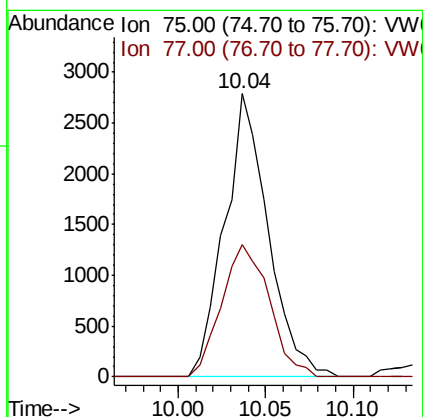
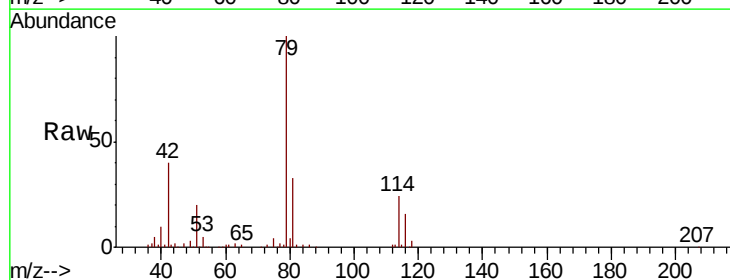
Acq: 23 Oct 2020 13:09

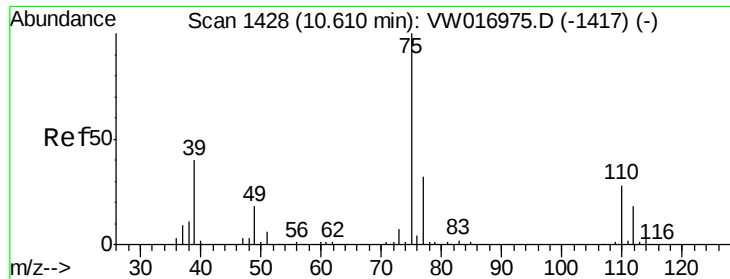
Tgt Ion: 75 Resp: 4833

Ion Ratio Lower Upper

75 100

77 46.9 22.7 42.1#





#45

trans-1,3-Dichloropropene

Concen: 0.413 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016978.D

Acq: 23 Oct 2020 13:09

Instrument :

MSVOA_W

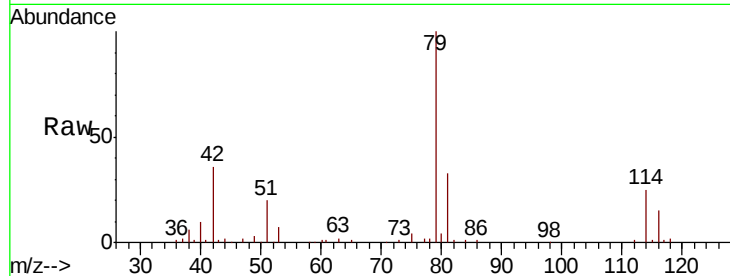
ClientSampleId :

Tot Ion: 75 Resp: 3129

Ion Ratio Lower Upper

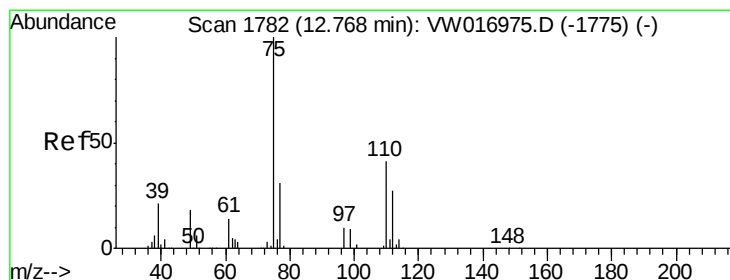
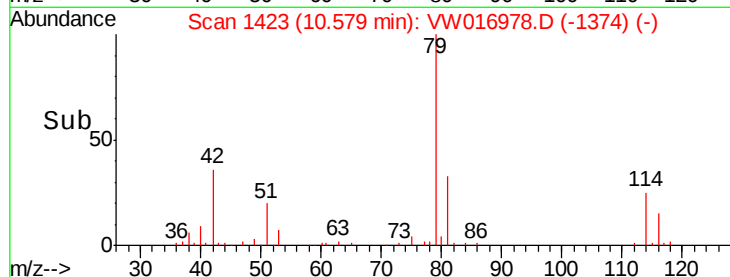
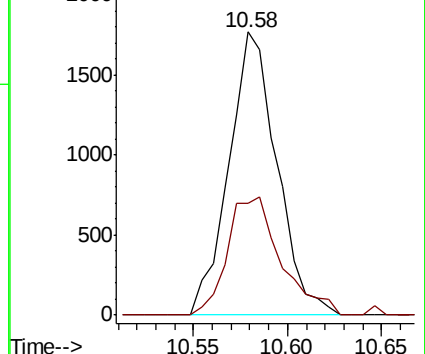
75 100

77 39.5 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: 6.593 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016978.D

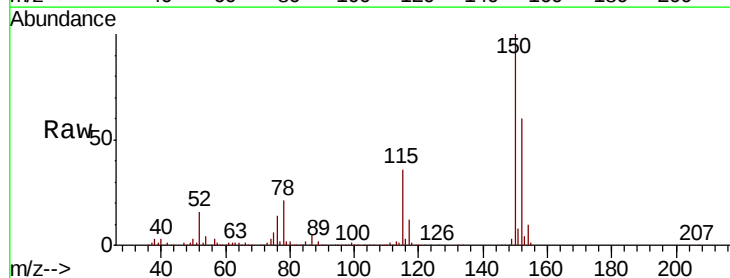
Acq: 23 Oct 2020 13:09

Tgt Ion: 75 Resp: 23735

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

