

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102820\
 Data File : VW017005.D
 Acq On : 28 Oct 2020 11:08
 Operator : SY/VA
 Sample : VW1028SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 29 08:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 08:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	526205	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	486929	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118299	19.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.92%
7) Chloroethane-d5	2.89	69	97120	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
10) 1,1-Dichloroethene-d2	4.03	63	177500	15.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.12%
20) 2-Butanone-d5	7.08	46	76445	66.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.64%
24) Chloroform-d	7.65	84	270811	22.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.24%
26) 1,2-Dichloroethane-d4	8.31	65	142893	25.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.08%
29) Benzene-d6	8.28	84	555103	22.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.76%
33) 1,2-Dichloropropane-d6	9.28	67	159602	23.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.56%
37) Toluene-d8	10.33	98	528115	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.72%
38) trans-1,3-Dichloropropene-	10.58	79	69072	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	62685	66.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147557	28.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	203755	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds

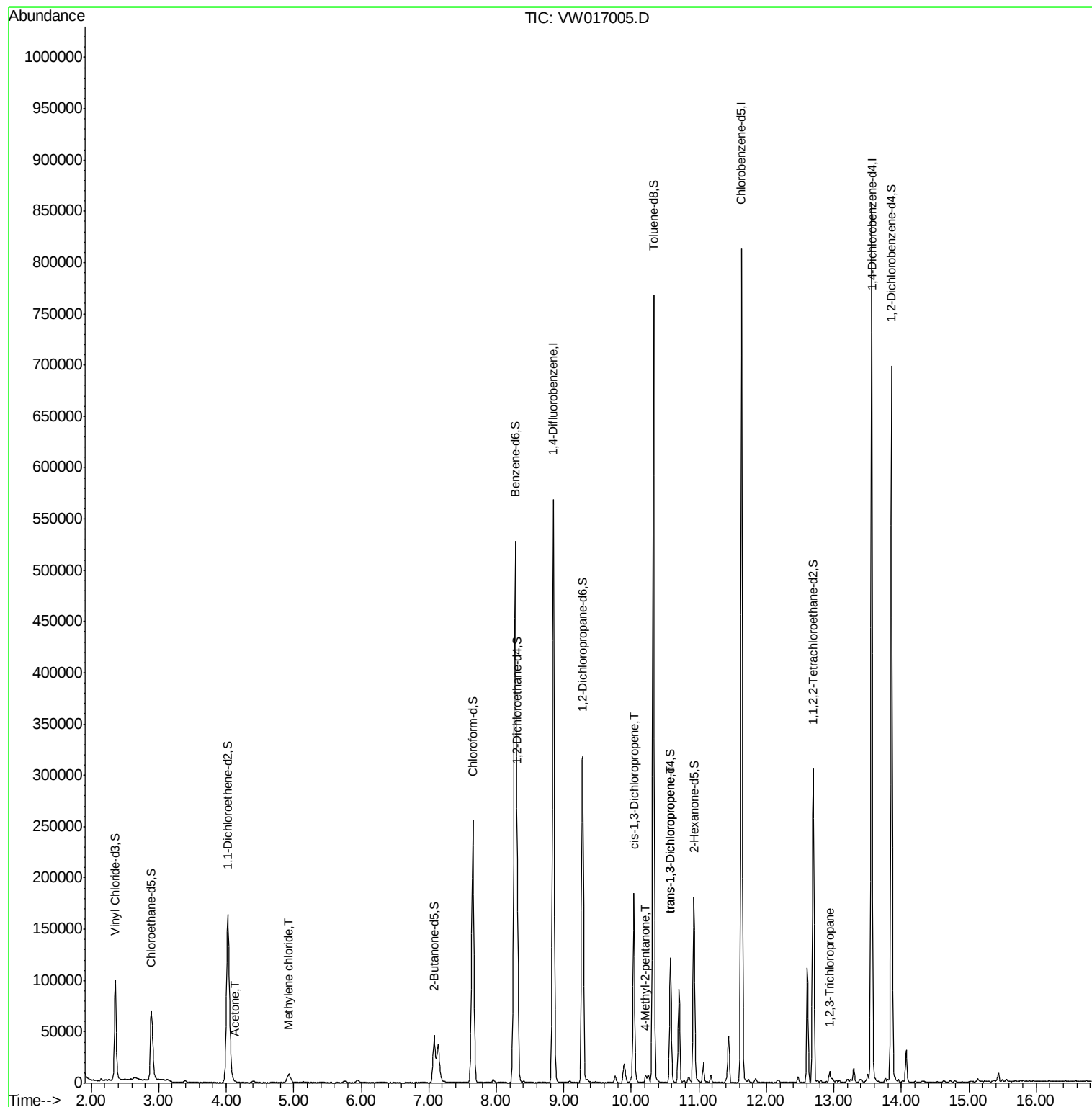
					Ovalue
13) Acetone	4.14	43	1294	1.681 ug/L	63
16) Methylene chloride	4.93	84	6556	0.942 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4634	0.493 ug/L #	64
43) 4-Methyl-2-pentanone	10.21	43	5611	1.970 ug/L #	96
45) trans-1,3-Dichloropropene	10.58	75	3195	0.411 ug/L	91
59) 1,2,3-Trichloropropane	12.93	75	784	0.212 ug/L	95

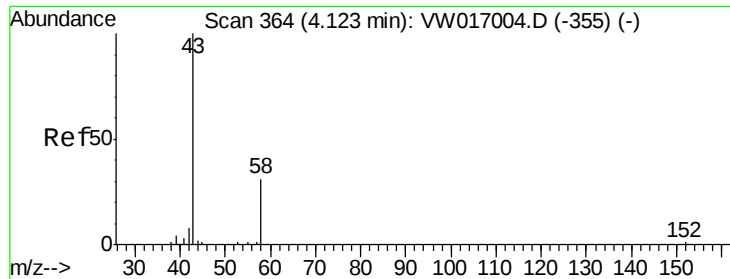
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 29 08:01:00 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.681 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW017005.D

Acq: 28 Oct 2020 11:08

Instrument :

MSVOA_W

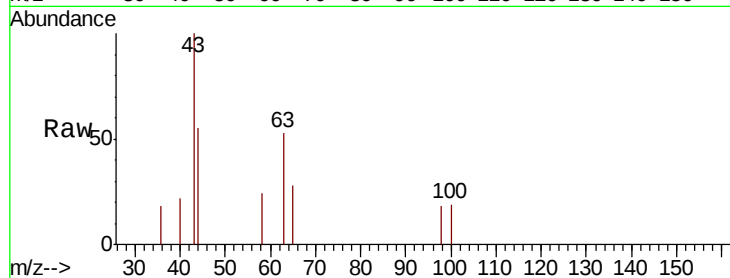
ClientSampled :

Tot Ion: 43 Resp: 1294

Ion Ratio Lower Upper

43 100

58 13.6 0.0 69.8

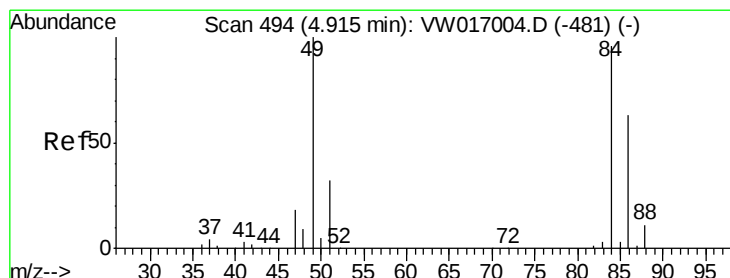
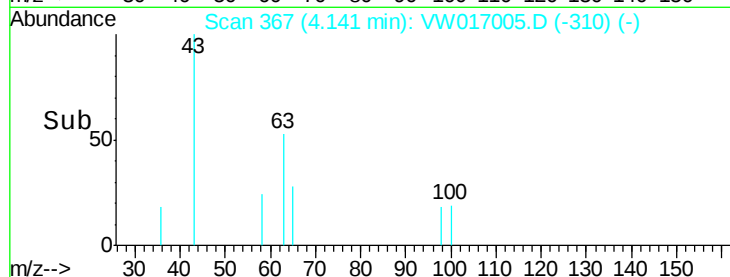
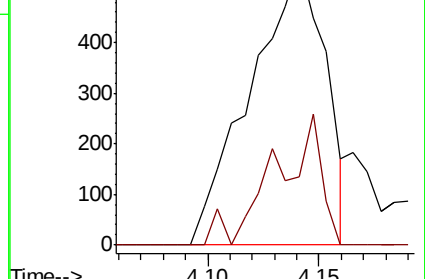


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4.10 4.15



#16

Methylene chloride

Concen: 0.942 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017005.D

Acq: 28 Oct 2020 11:08

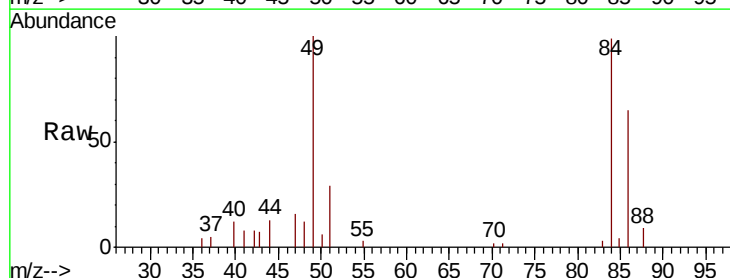
Tgt Ion: 84 Resp: 6556

Ion Ratio Lower Upper

84 100

49 100.6 73.8 137.0

86 64.9 47.4 88.0



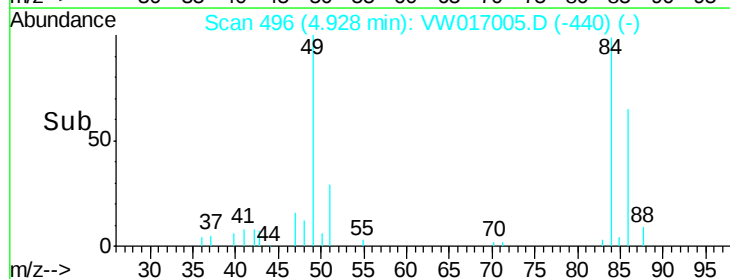
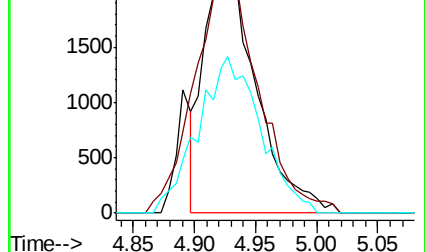
Abundance Ion 84.00 (83.70 to 84.70): VW

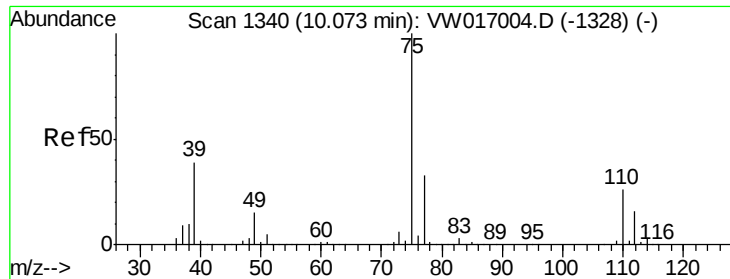
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

4.93

4.85 4.90 4.95 5.00 5.05





#42

cis-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017005.D

Acq: 28 Oct 2020 11:08

Instrument :

MSVOA_W

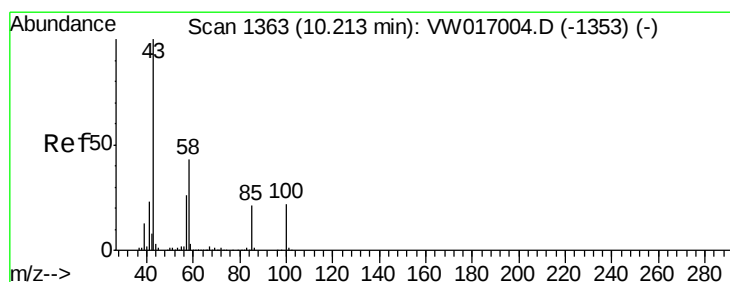
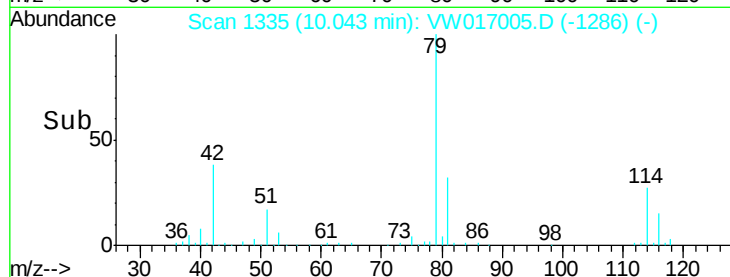
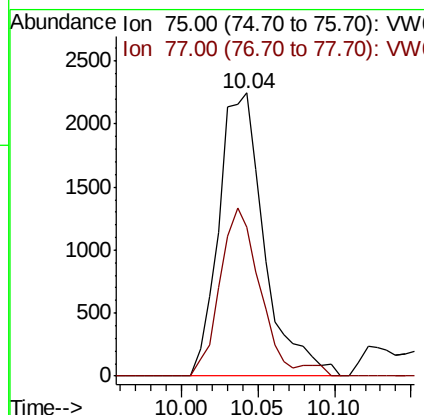
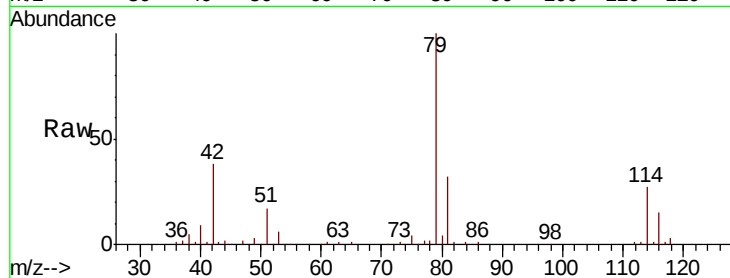
ClientSampleId :

Tot Ion: 75 Resp: 4634

Ion Ratio Lower Upper

75 100

77 52.6 22.7 42.1#



#43

4-Methyl-2-pentanone

Concen: 1.970 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017005.D

Acq: 28 Oct 2020 11:08

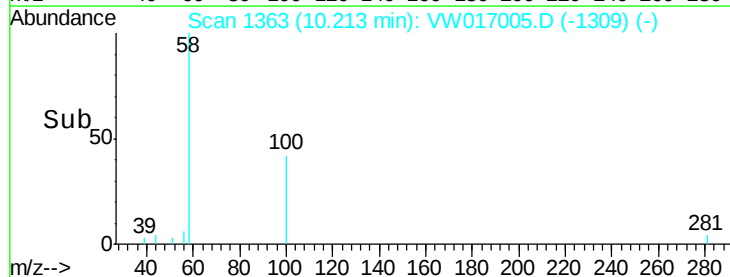
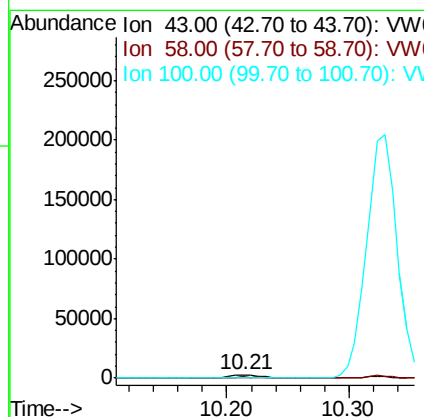
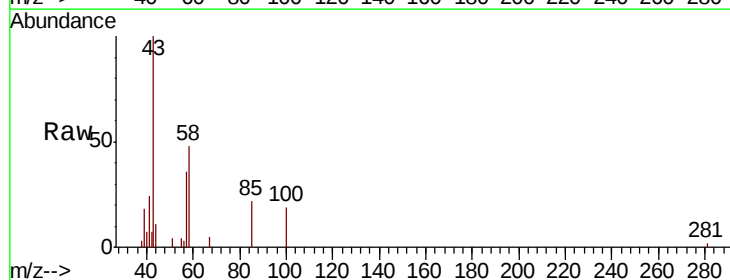
Tgt Ion: 43 Resp: 5611

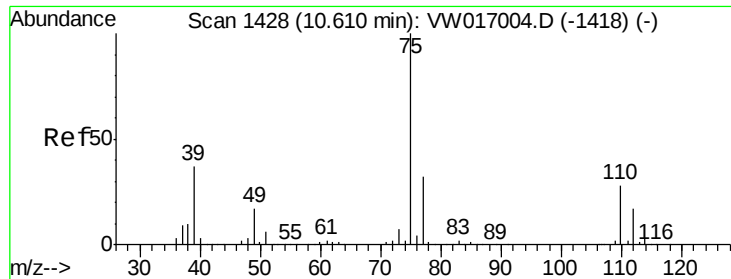
Ion Ratio Lower Upper

43 100

58 42.3 34.4 51.6

100 15.8 16.2 24.2#





#45

trans-1,3-Dichloropropene

Concen: 0.411 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017005.D

Acq: 28 Oct 2020 11:08

Instrument :

MSVOA_W

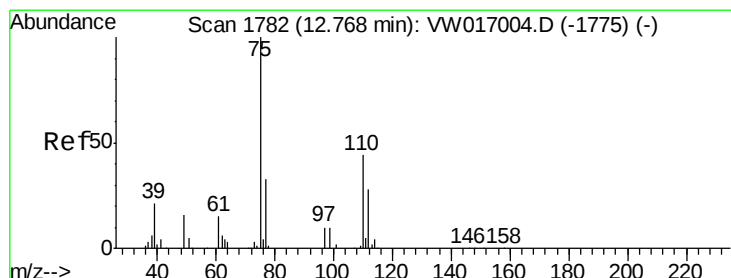
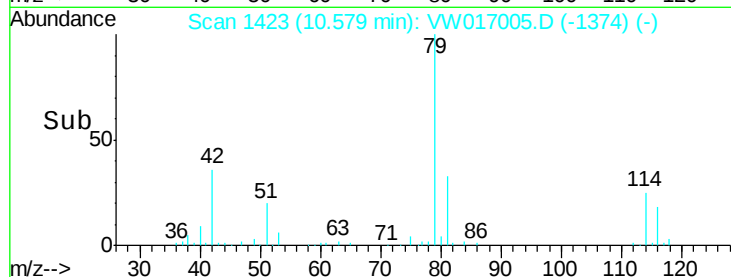
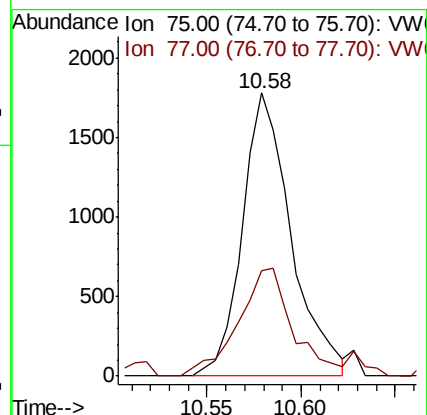
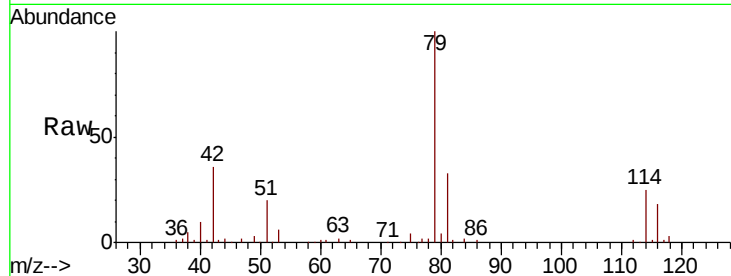
ClientSampled :

Tot Ion: 75 Resp: 3195

Ion Ratio Lower Upper

75 100

77 37.3 22.7 42.3



#59

1,2,3-Trichloropropane

Concen: 0.212 ug/L

RT: 12.93 min Scan# 1809

Delta R.T. 0.16 min

Lab File: VW017005.D

Acq: 28 Oct 2020 11:08

Tgt Ion: 75 Resp: 784

Ion Ratio Lower Upper

75 100

77 29.3 25.8 38.8

