

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017096.D
 Acq On : 06 Nov 2020 13:01
 Operator : SY/VA
 Sample : L4615-21
 Misc : 4.61G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:33:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 04:26:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	529951	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	479907	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225910	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	143939	21.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.24%
7) Chloroethane-d5	2.89	69	107227	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.40%
10) 1,1-Dichloroethene-d2	4.02	63	188169	15.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.04%
20) 2-Butanone-d5	7.07	46	41869	28.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.10%
24) Chloroform-d	7.65	84	249930	20.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	8.31	65	117935	19.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.68%
29) Benzene-d6	8.27	84	516051	21.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.48%
33) 1,2-Dichloropropane-d6	9.27	67	140750	20.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.28%
37) Toluene-d8	10.32	98	496616	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.20%
38) trans-1,3-Dichloropropene-	10.58	79	55670	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	10.93	63	33782	28.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98504	16.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	168146	21.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.52%

Target Compounds

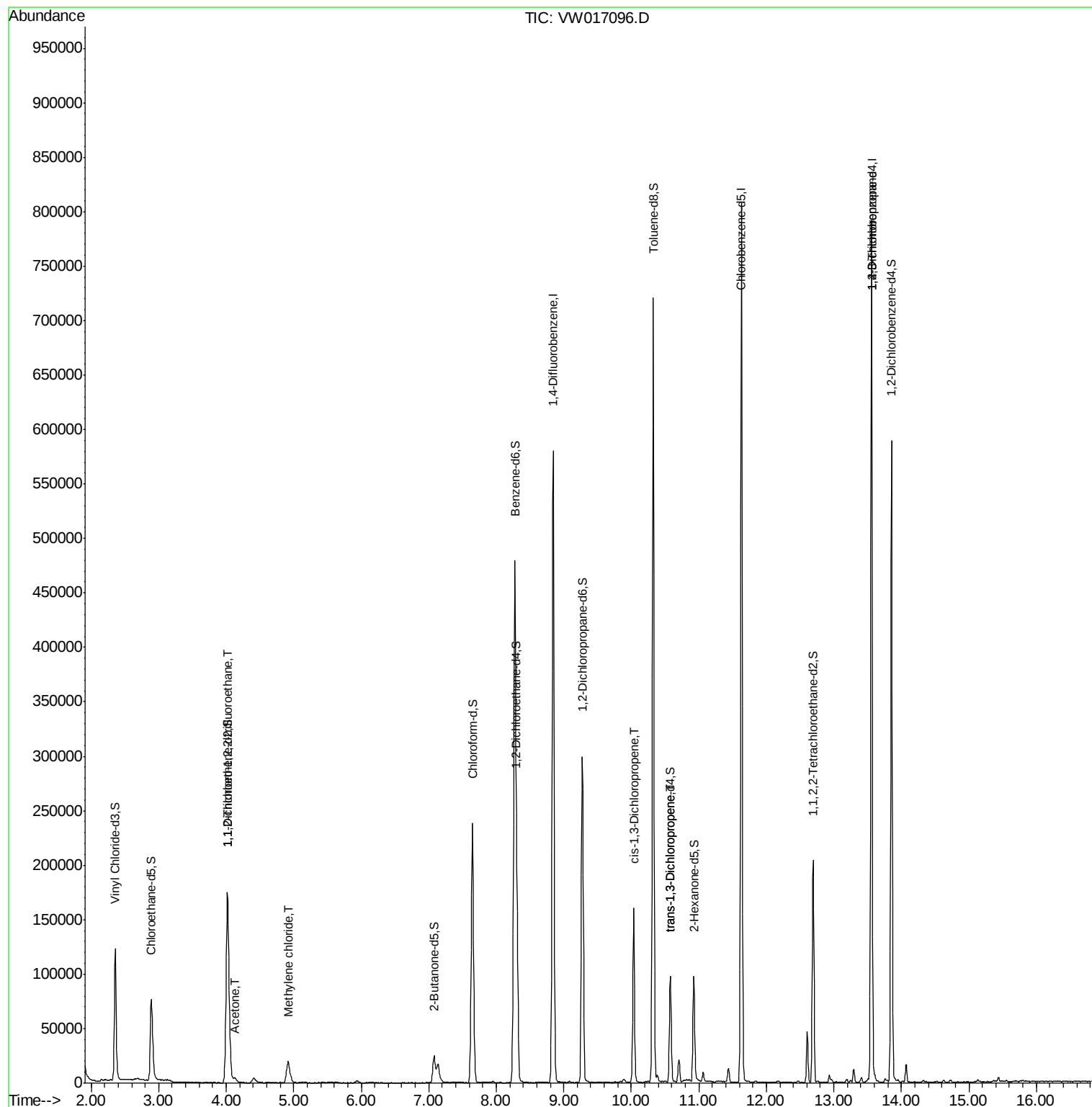
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2089	0.305 ug/L #	19
13) Acetone	4.13	43	6383	6.386 ug/L	96
16) Methylene chloride	4.92	84	18208	2.548 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	4062	0.435 ug/L #	62
45) trans-1,3-Dichloropropene	10.57	75	2517	0.314 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	23085	5.474 ug/L	94

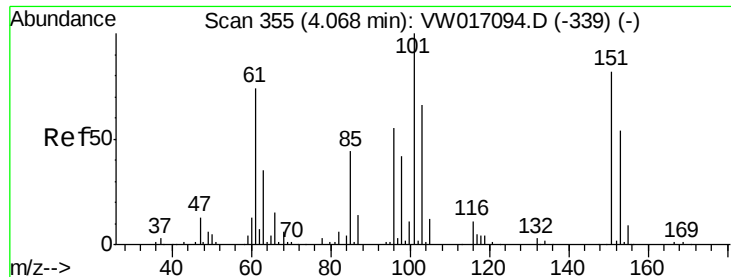
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110620\
Data File : VW017096.D
Acq On : 06 Nov 2020 13:01
Operator : SY/VA
Sample : L4615-21
Misc : 4.61G/10ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Nov 07 04:33:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 07 04:26:24 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.305 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017096.D

Acq: 06 Nov 2020 13:01

Instrument :

MSVOA_W

ClientSampled :

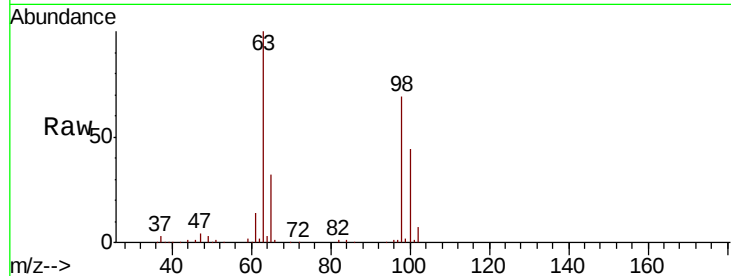
Tot Ion:101 Resp: 2089

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

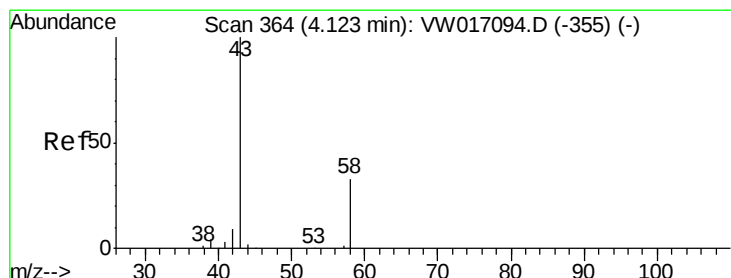
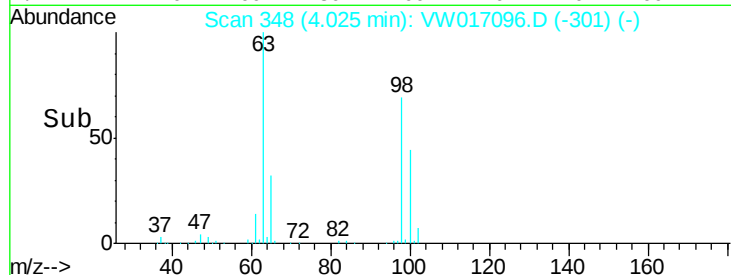
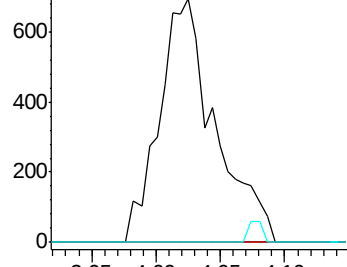
151 2.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 6.386 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017096.D

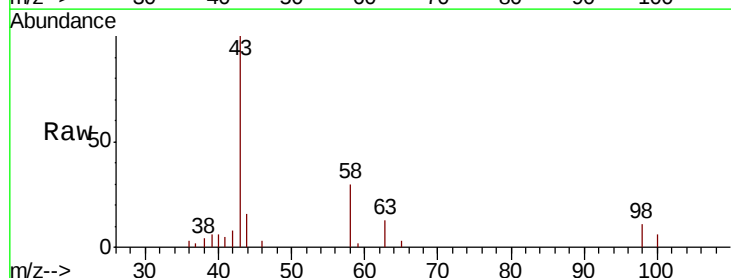
Acq: 06 Nov 2020 13:01

Tgt Ion: 43 Resp: 6383

Ion Ratio Lower Upper

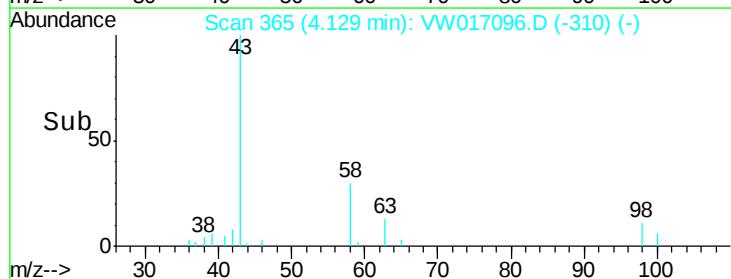
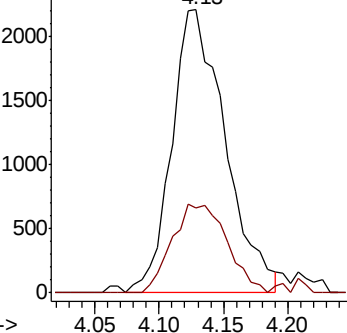
43 100

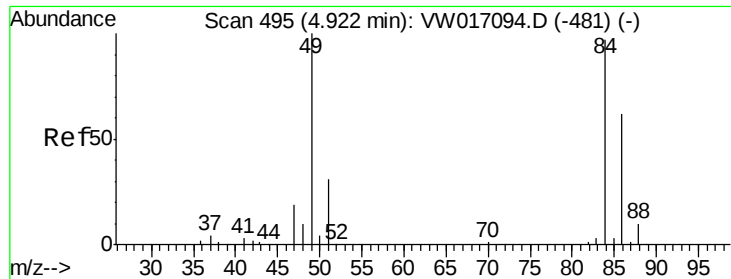
58 32.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

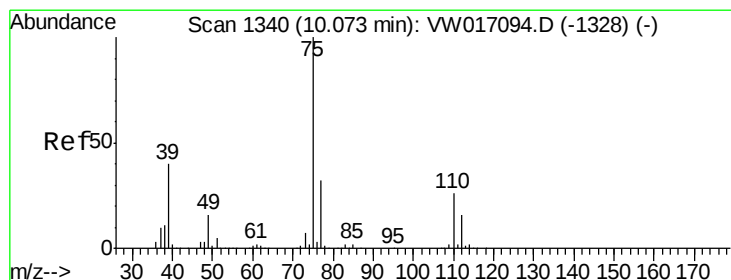
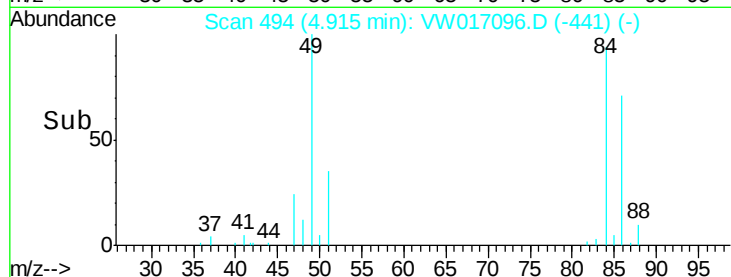
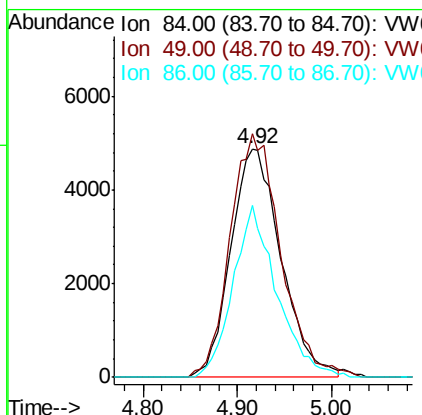
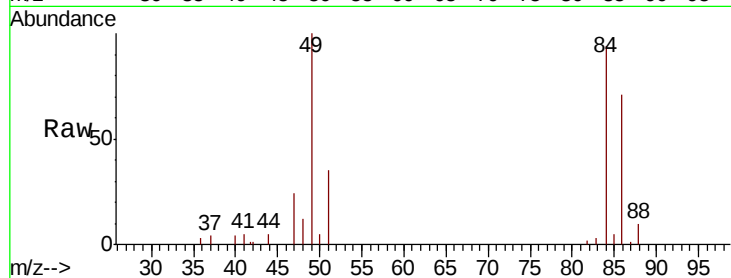




#16
Methylene chloride
Concen: 2.548 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017096.D
Acq: 06 Nov 2020 13:01

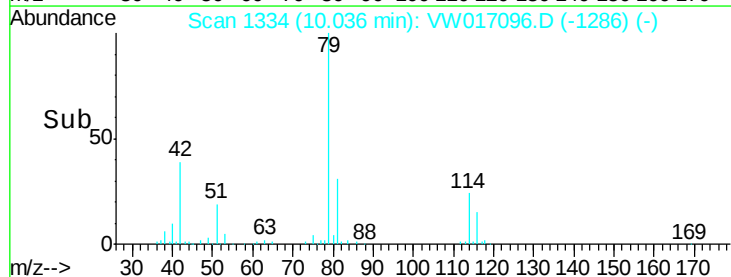
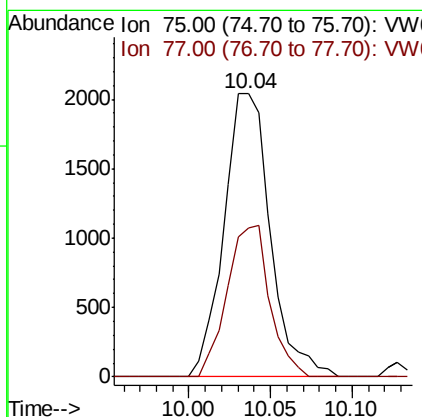
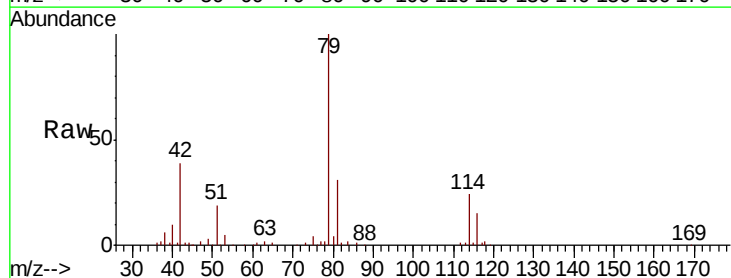
Instrument :
MSVOA_W
ClientSampleId :

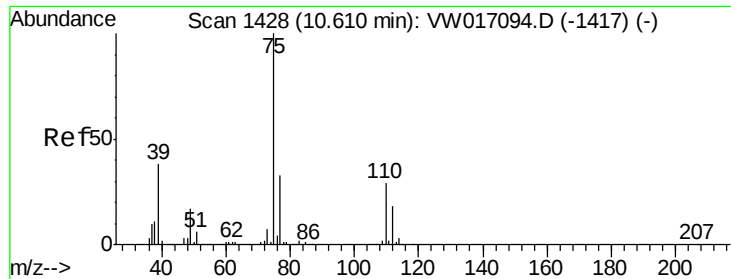
Tot Ion: 84 Resp: 18208
Ion Ratio Lower Upper
84 100
49 106.5 72.3 134.3
86 75.2 45.1 83.7



#42
cis-1,3-Dichloropropene
Concen: 0.435 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017096.D
Acq: 06 Nov 2020 13:01

Tgt Ion: 75 Resp: 4062
Ion Ratio Lower Upper
75 100
77 52.6 22.0 41.0#





#45

trans-1,3-Dichloropropene

Concen: 0.314 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.04 min

Lab File: VW017096.D

Acq: 06 Nov 2020 13:01

Instrument :

MSVOA_W

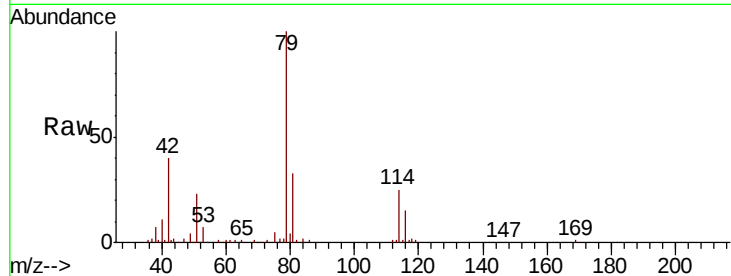
ClientSampled :

Tot Ion: 75 Resp: 2517

Ion Ratio Lower Upper

75 100

77 36.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.57

1500

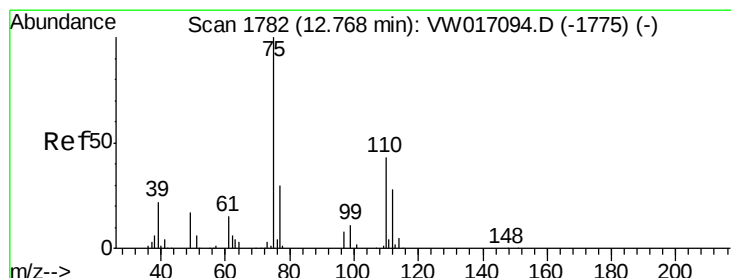
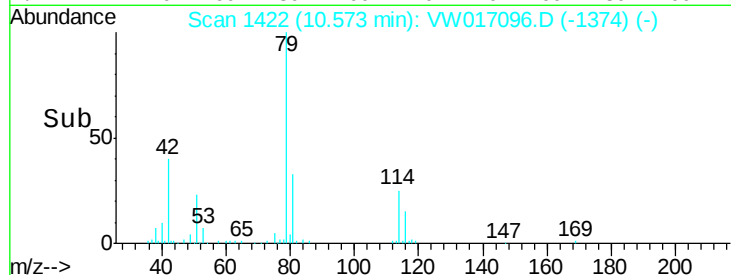
1000

500

0

10.55 10.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.474 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017096.D

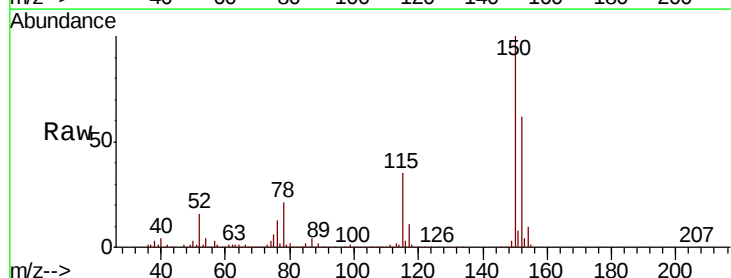
Acq: 06 Nov 2020 13:01

Tgt Ion: 75 Resp: 23085

Ion Ratio Lower Upper

75 100

77 36.3 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

15000

10000

5000

0

13.50 13.55 13.60

Time-->

