

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017316.D
 Acq On : 18 Nov 2020 03:50
 Operator : SY/VA
 Sample : L4738-22
 Misc : 6.96G/10ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB0Y9

Quant Time: Nov 18 04:54:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 04:50:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	384993	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354713	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81342	16.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.08%
7) Chloroethane-d5	2.89	69	72771	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.88%
10) 1,1-Dichloroethene-d2	4.02	63	119373	13.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.04%
20) 2-Butanone-d5	7.08	46	46014	42.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.86%
24) Chloroform-d	7.65	84	193151	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.31	65	103717	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.84%
29) Benzene-d6	8.27	84	369819	20.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.88%
33) 1,2-Dichloropropane-d6	9.27	67	108603	21.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.96%
37) Toluene-d8	10.32	98	341742	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.24%
38) trans-1,3-Dichloropropene-	10.58	79	43589	19.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.40%
39) 2-Hexanone-d5	10.93	63	38135	43.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	98165	22.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	120716	22.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.12%

Target Compounds

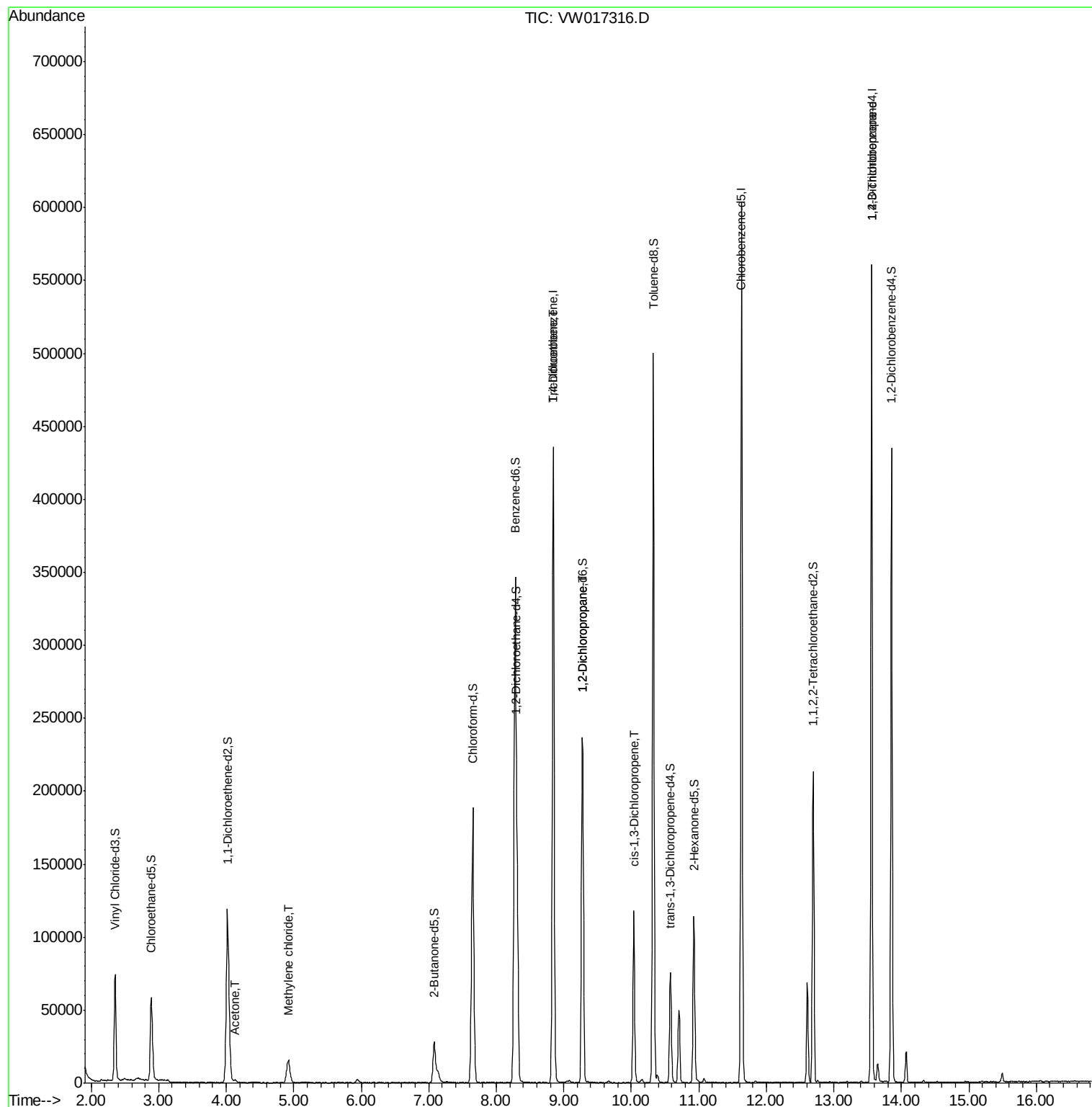
					Ovalue
13) Acetone	4.13	43	3300	4.545 ug/L	79
16) Methylene chloride	4.92	84	14006	2.698 ug/L	96
35) Trichloroethene	8.84	95	11096	2.127 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12748	2.928 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3216	0.466 ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	16465	5.282 ug/L	93

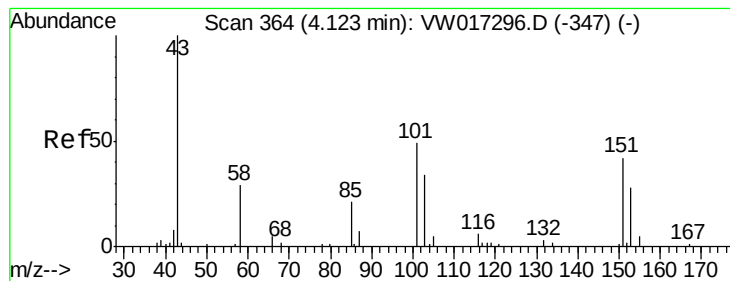
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 04:50:20 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.545 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017316.D

Acq: 18 Nov 2020 03:50

Instrument :

MSVOA_W

ClientSampled :

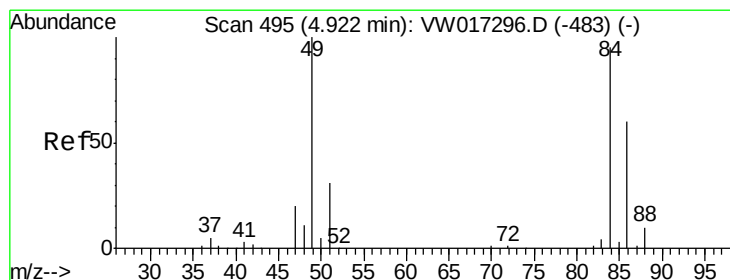
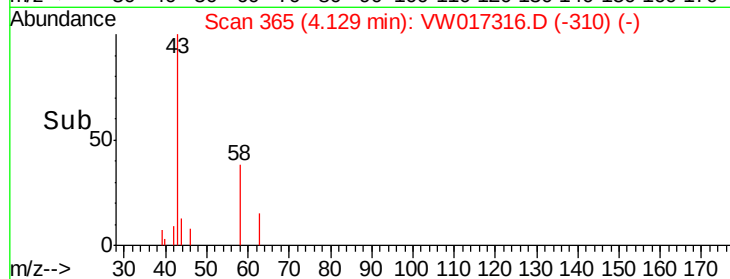
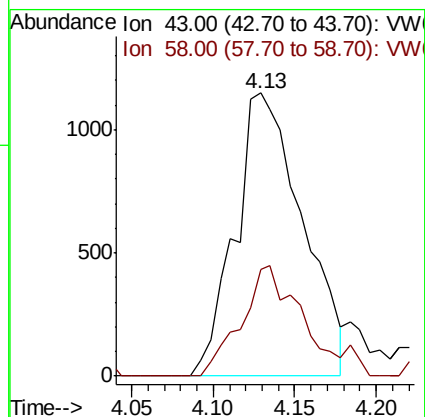
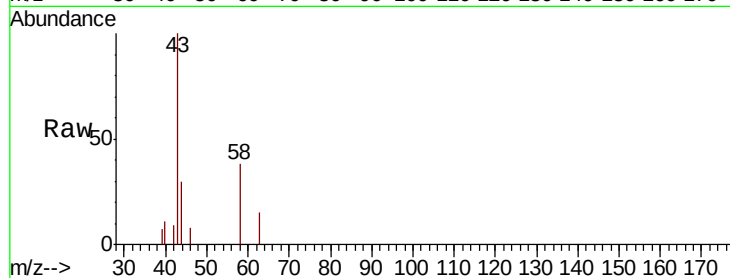
GB0Y9

Tot Ion: 43 Resp: 3300

Ion Ratio Lower Upper

43 100

58 22.5 0.0 69.2



#16

Methylene chloride

Concen: 2.698 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017316.D

Acq: 18 Nov 2020 03:50

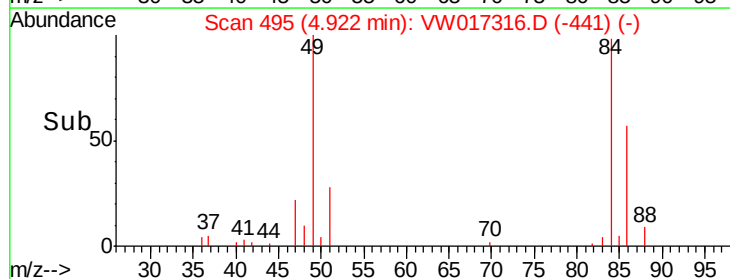
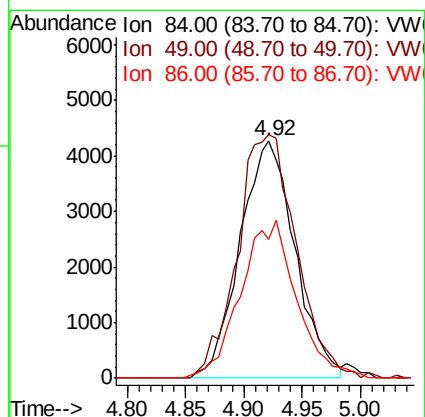
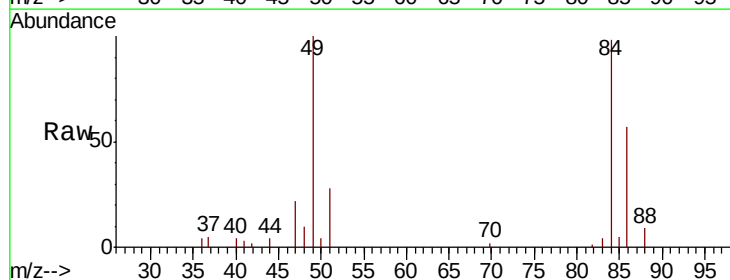
Tgt Ion: 84 Resp: 14006

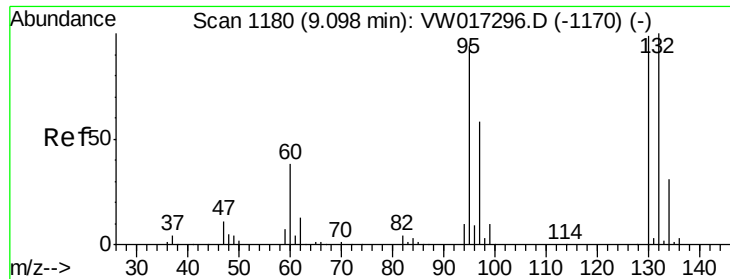
Ion Ratio Lower Upper

84 100

49 102.4 72.3 134.3

86 58.4 45.1 83.7





#35

Trichloroethene

Concen: 2.127 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.26 min

Lab File: VW017316.D

Acq: 18 Nov 2020 03:50

Instrument :

MSVOA_W

ClientSampled :

GB0Y9

Tot Ion: 95 Resp: 11096

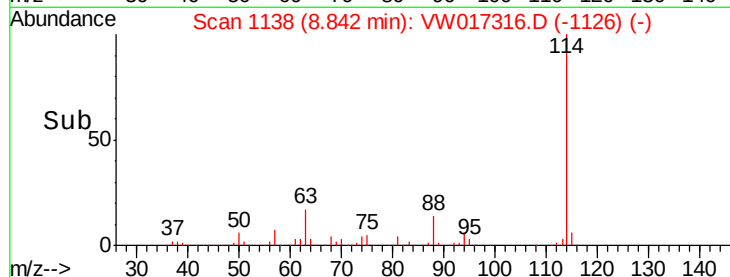
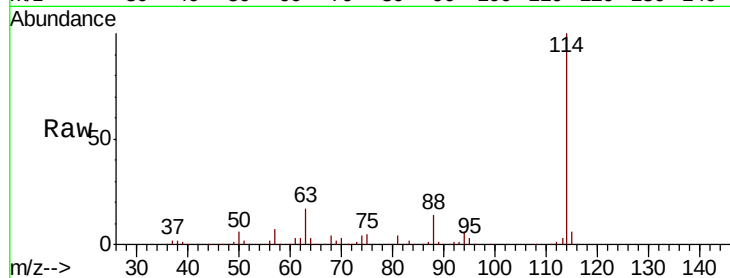
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#

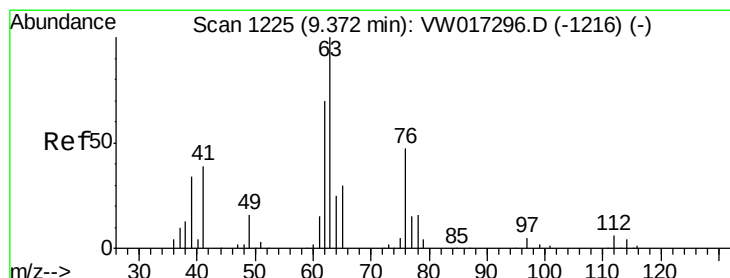
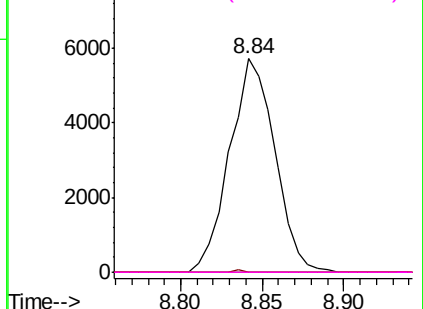


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.928 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017316.D

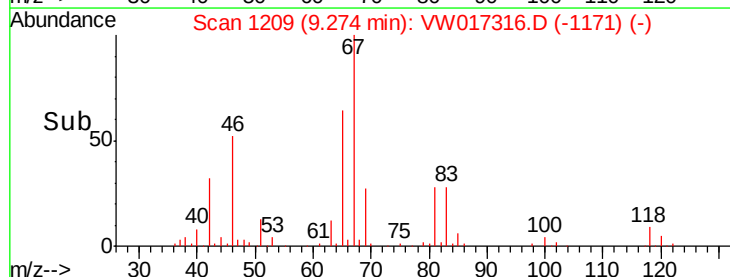
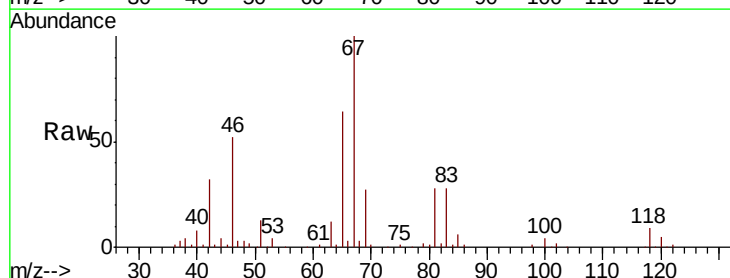
Acq: 18 Nov 2020 03:50

Tgt Ion: 63 Resp: 12748

Ion Ratio Lower Upper

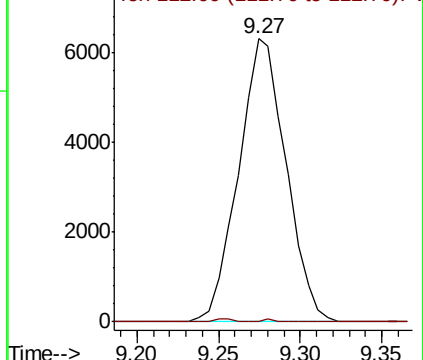
63 100

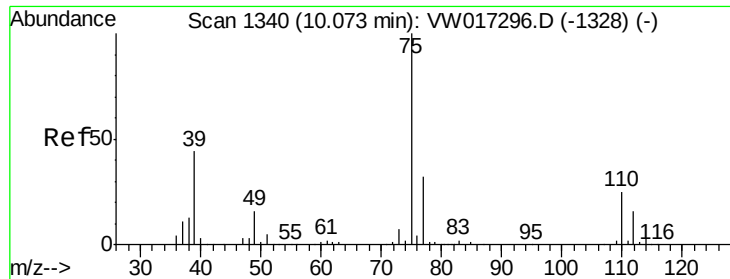
112 0.4 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.466 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017316.D

Acq: 18 Nov 2020 03:50

Instrument :

MSVOA_W

ClientSampleId :

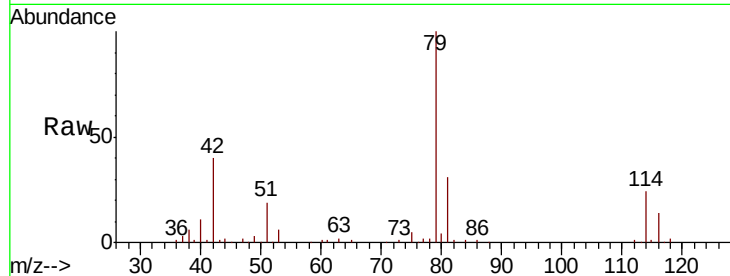
GB0Y9

Tot Ion: 75 Resp: 3216

Ion Ratio Lower Upper

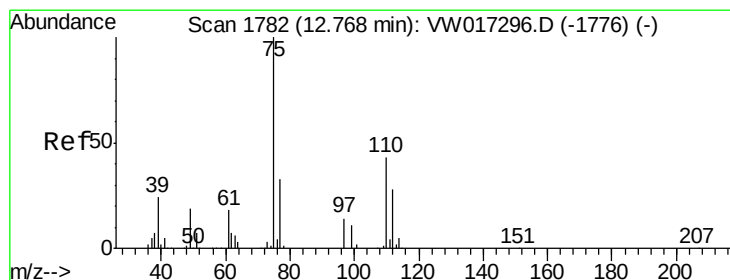
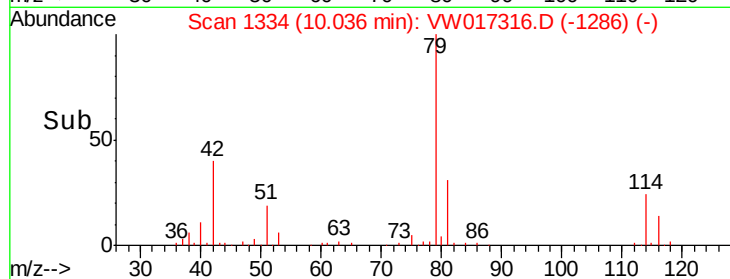
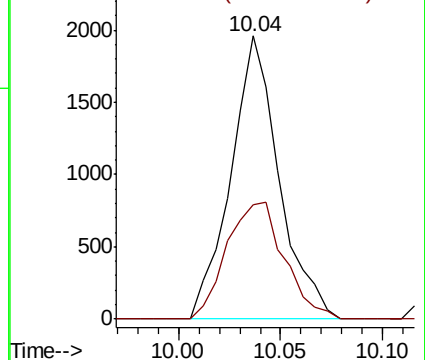
75 100

77 40.2 22.0 41.0



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: 5.282 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017316.D

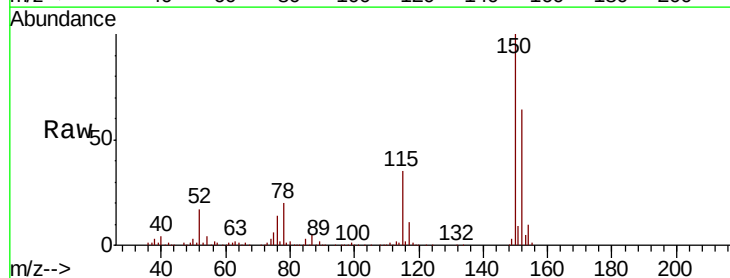
Acq: 18 Nov 2020 03:50

Tgt Ion: 75 Resp: 16465

Ion Ratio Lower Upper

75 100

77 37.1 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

