

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017261.D
 Acq On : 16 Nov 2020 16:54
 Operator : SY/VA
 Sample : L4739-17
 Misc : 6.45G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB104

Quant Time: Nov 17 06:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	436629	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	381047	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144761	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	91561	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
7) Chloroethane-d5	2.89	69	80911	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
10) 1,1-Dichloroethene-d2	4.02	63	133695	13.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.36%
20) 2-Butanone-d5	7.08	46	51642	41.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.98%
24) Chloroform-d	7.65	84	216294	21.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.88%
26) 1,2-Dichloroethane-d4	8.31	65	116465	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	8.27	84	410086	21.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.52%
33) 1,2-Dichloropropane-d6	9.27	67	116990	21.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.20%
37) Toluene-d8	10.32	98	379359	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	10.58	79	50430	20.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.36%
39) 2-Hexanone-d5	10.93	63	43056	45.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100790	21.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	110457	21.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.64%

Target Compounds

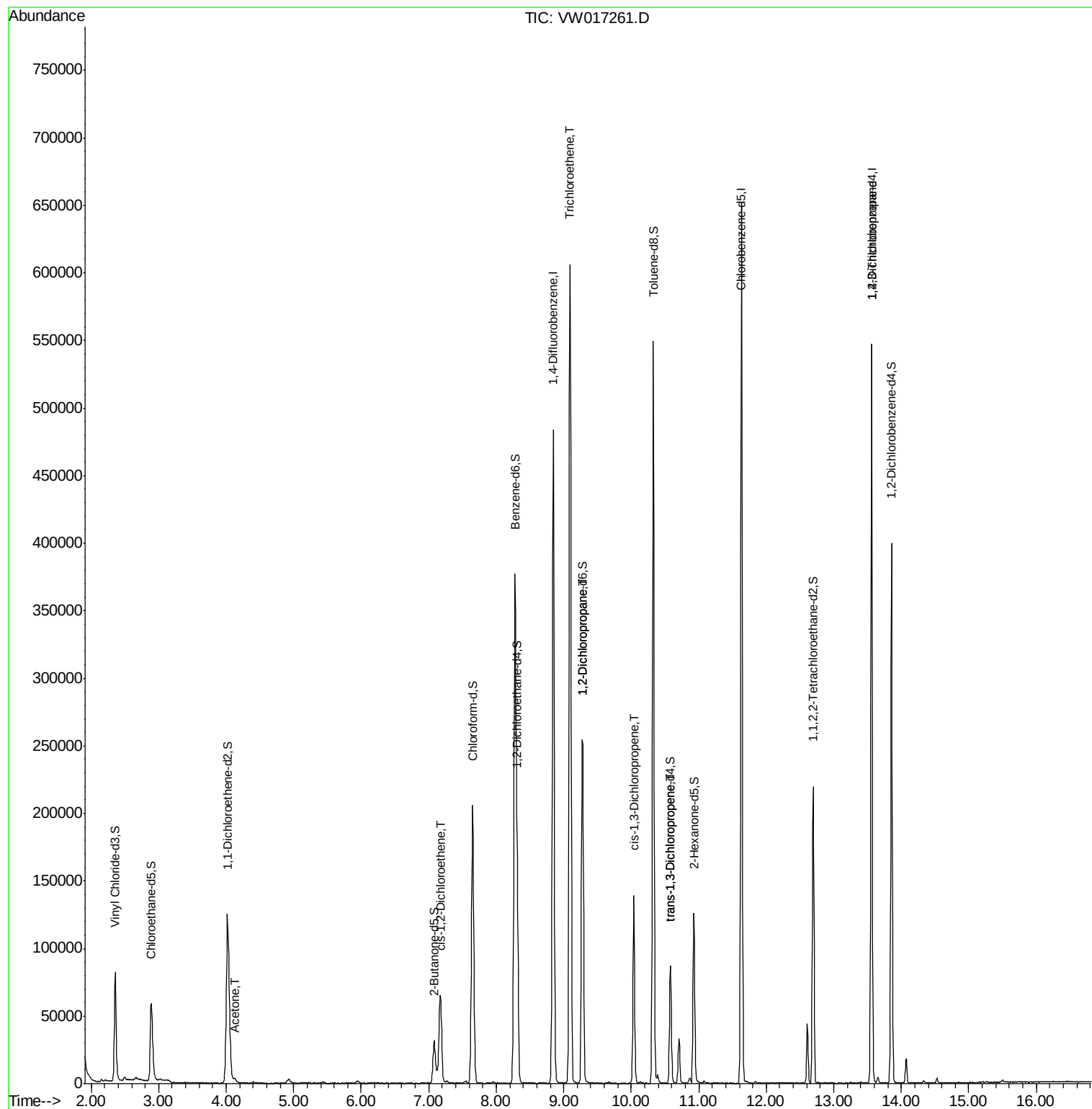
					Ovalue
13) Acetone	4.13	43	5270	6.400	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	40675	6.858	ug/L 98
35) Trichloroethene	9.09	95	209411	37.362	ug/L 99
40) 1,2-Dichloropropane	9.28	63	13925	2.977	ug/L # 84
42) cis-1,3-Dichloropropene	10.04	75	4048	0.546	ug/L 87
45) trans-1,3-Dichloropropene	10.59	75	2434	0.383	ug/L 91
59) 1,2,3-Trichloropropane	13.56	75	15612	4.662	ug/L 93

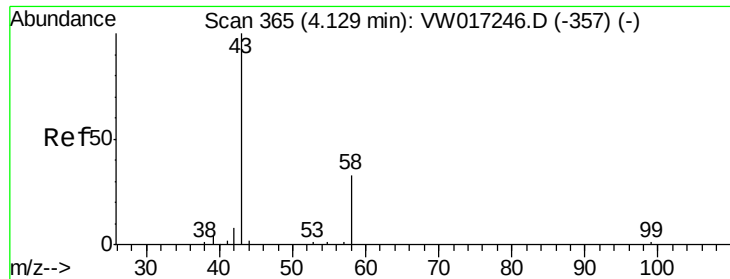
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 17 06:08:23 2020
Response via : Initial Calibration





#13

Acetone

Concen: 6.400 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017261.D

Acq: 16 Nov 2020 16:54

Instrument :

MSVOA_W

ClientSampled :

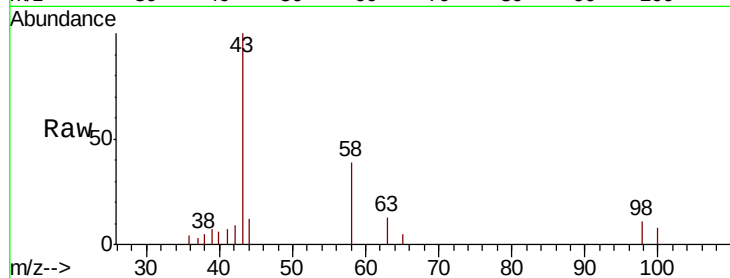
GB104

Tot Ion: 43 Resp: 5270

Ion Ratio Lower Upper

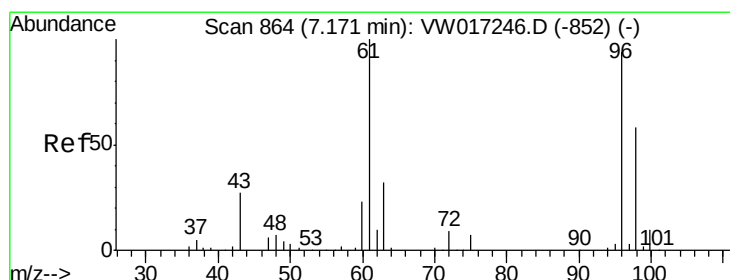
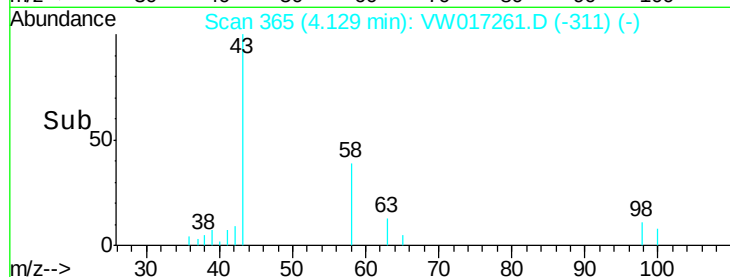
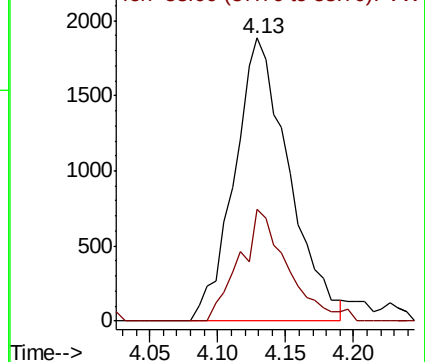
43 100

58 33.9 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 6.858 ug/L

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW017261.D

Acq: 16 Nov 2020 16:54

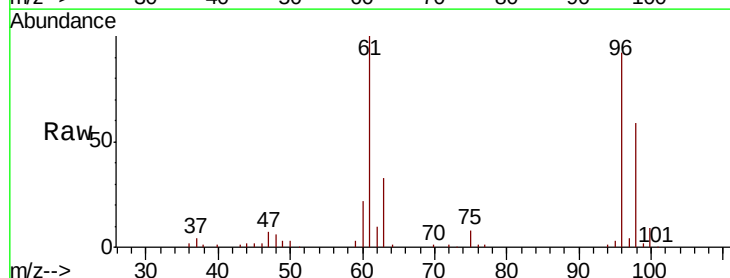
Tgt Ion: 96 Resp: 40675

Ion Ratio Lower Upper

96 100

61 108.2 77.4 143.8

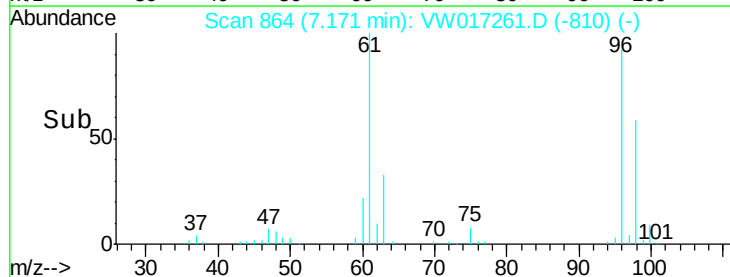
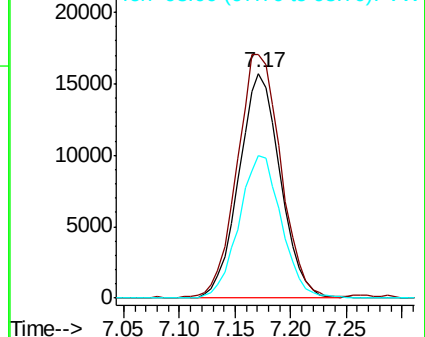
98 63.3 45.1 83.7

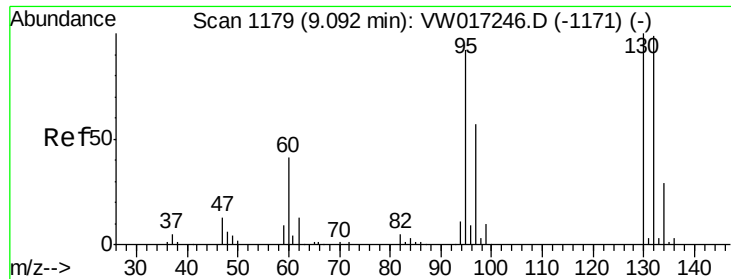


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 37.362 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW017261.D

Acq: 16 Nov 2020 16:54

Instrument :

MSVOA_W

ClientSampleId :

GB104

Tot Ion: 95 Resp: 209411

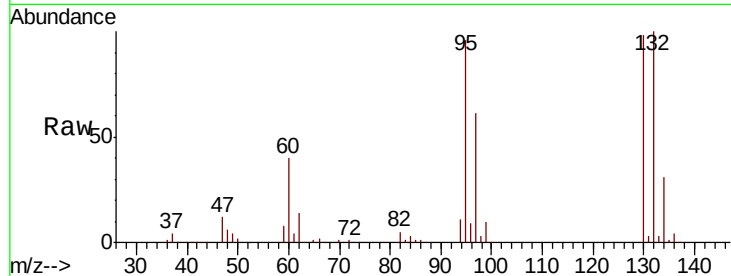
Ion Ratio Lower Upper

95 100

97 64.9 45.0 83.6

132 105.5 73.7 136.9

130 109.0 77.1 143.1

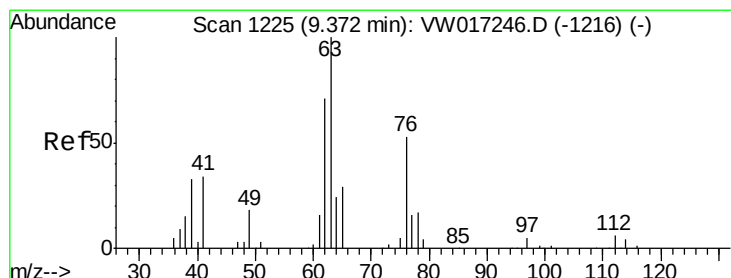
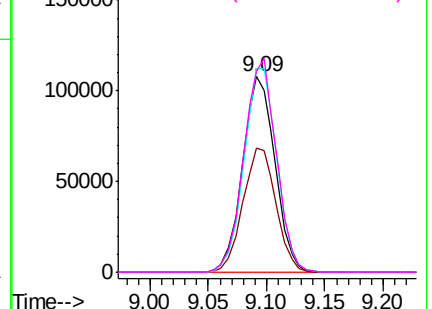
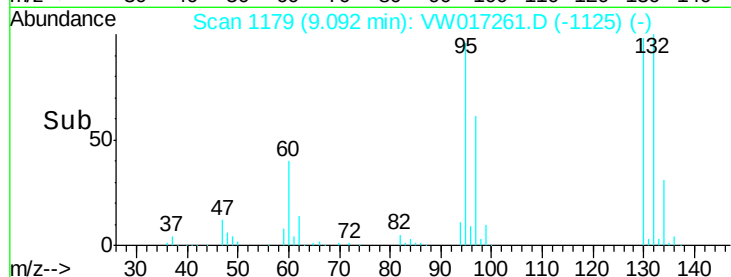


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 2.977 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017261.D

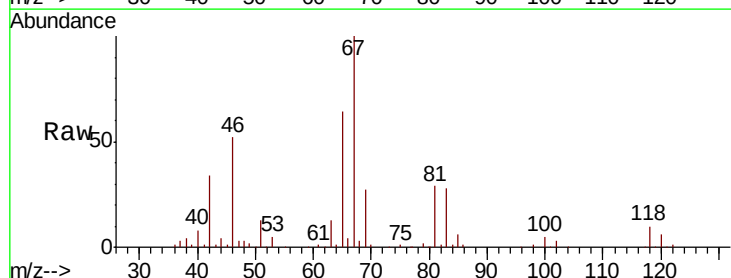
Acq: 16 Nov 2020 16:54

Tgt Ion: 63 Resp: 13925

Ion Ratio Lower Upper

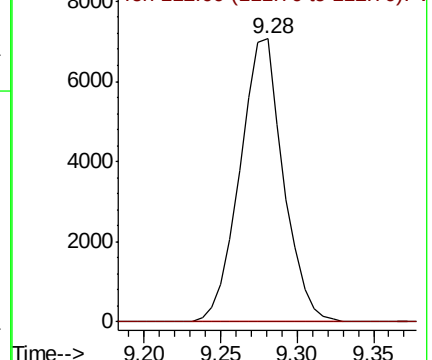
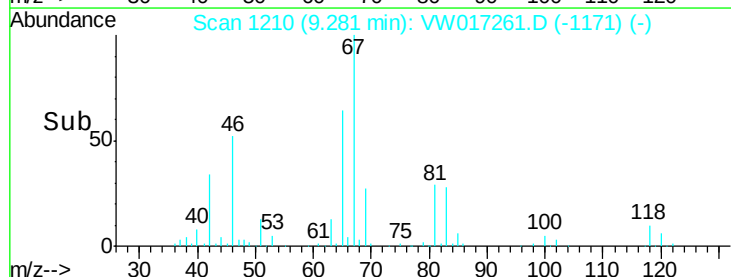
63 100

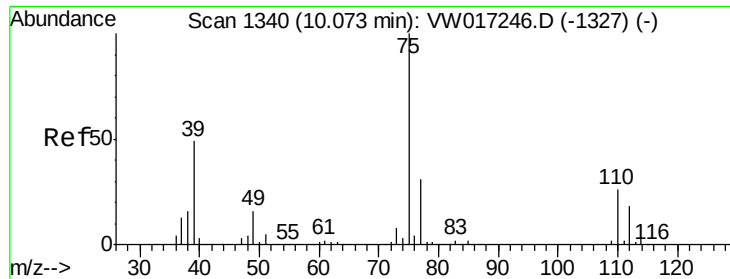
112 0.0 4.2 6.2#



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: 0.546 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017261.D

Acq: 16 Nov 2020 16:54

Instrument :

MSVOA_W

ClientSampled :

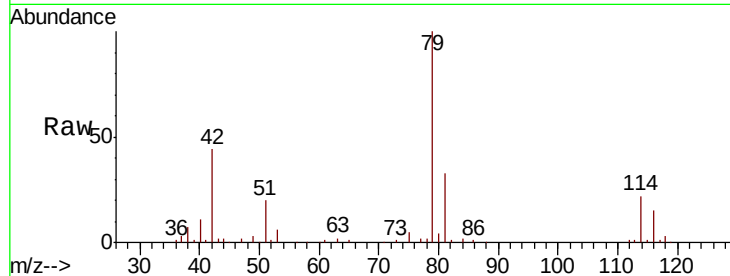
GB104

Tot Ion: 75 Resp: 4048

Ion Ratio Lower Upper

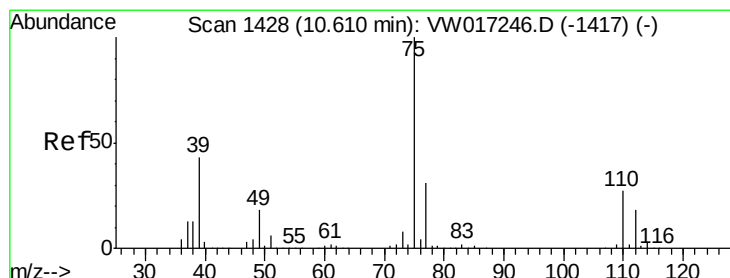
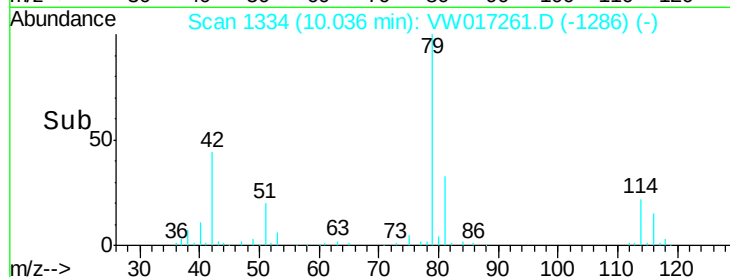
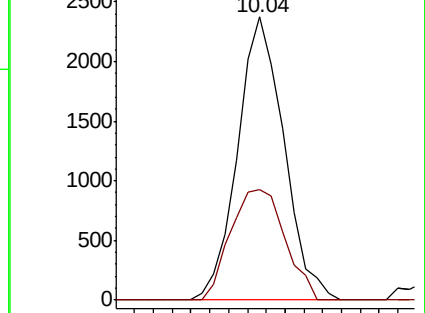
75 100

77 38.9 22.0 41.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.383 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017261.D

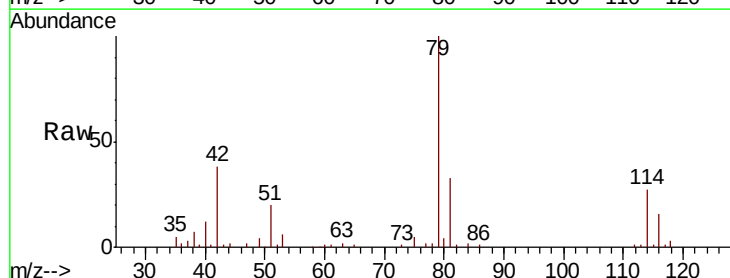
Acq: 16 Nov 2020 16:54

Tgt Ion: 75 Resp: 2434

Ion Ratio Lower Upper

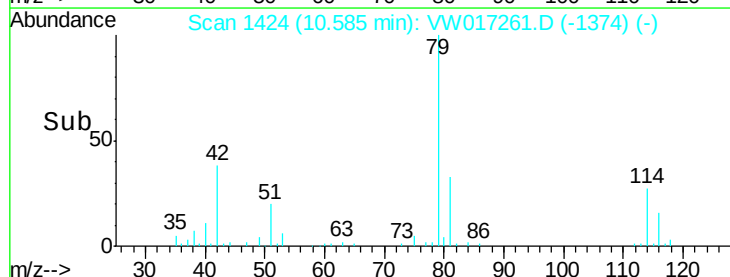
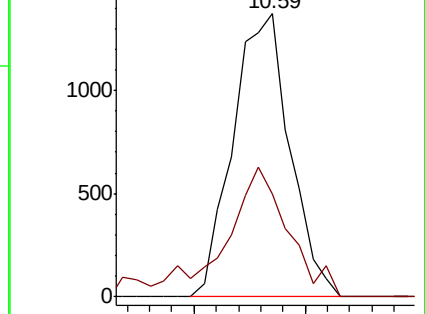
75 100

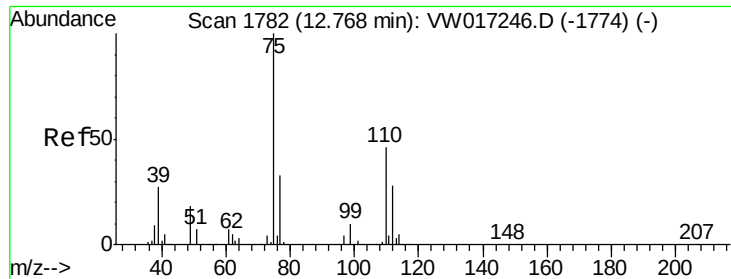
77 36.5 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#59

1,2,3-Trichloropropane

Concen: 4.662 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017261.D

Acq: 16 Nov 2020 16:54

Instrument :

MSVOA_W

ClientSampleId :

GB104

Tot Ion: 75 Resp: 15612

Ion Ratio Lower Upper

75 100

77 37.1 26.4 39.6

