

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061720\
 Data File : VW015622.D
 Acq On : 17 Jun 2020 17:21
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK17

Quant Time: Jun 18 07:18:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 18 07:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	302402	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	278376	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58249	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
7) Chloroethane-d5	2.90	69	67774	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.36%
10) 1,1-Dichloroethene-d2	4.02	63	103236	15.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.16%
20) 2-Butanone-d5	7.09	46	53247	58.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.70%
24) Chloroform-d	7.65	84	173948	24.87	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	8.31	65	103468	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.36%
29) Benzene-d6	8.28	84	334679	24.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.04%
33) 1,2-Dichloropropane-d6	9.28	67	104840	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.08%
37) Toluene-d8	10.33	98	310801	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.68%
38) trans-1,3-Dichloropropene-	10.58	79	40513	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.44%
39) 2-Hexanone-d5	10.93	63	42097	58.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85115	27.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	111222	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

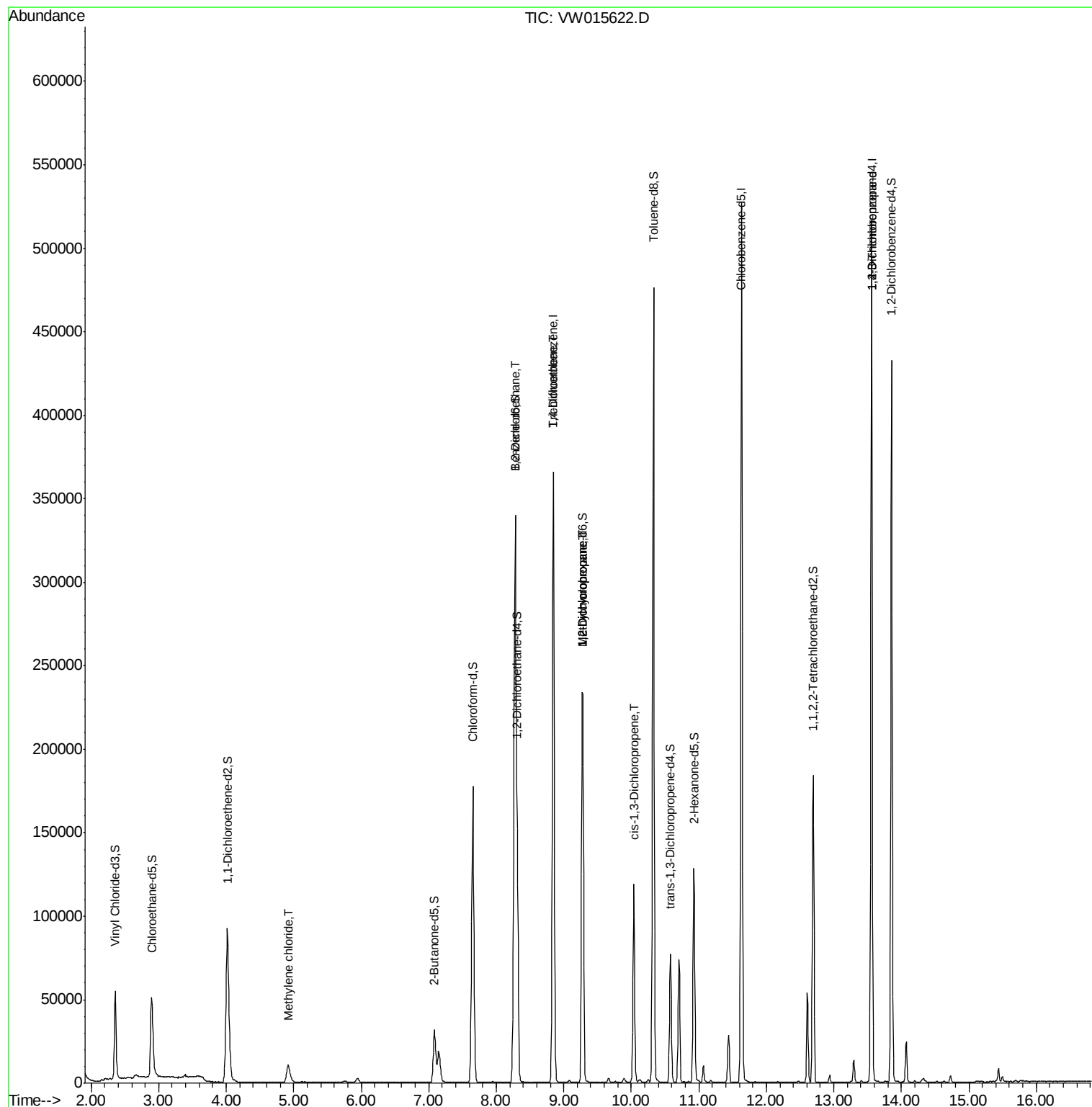
					Ovalue
16) Methylene chloride	4.92	84	8696	2.343 ug/L	94
27) 1,2-Dichloroethane	8.27	62	2327	0.491 ug/L #	76
35) Trichloroethene	8.85	95	9373	2.241 ug/L #	5
36) Methylcyclohexane	9.27	83	25921	3.476 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	12894	3.363 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3171	0.517 ug/L #	58
59) 1,2,3-Trichloropropane	13.56	75	16415	6.972 ug/L	90

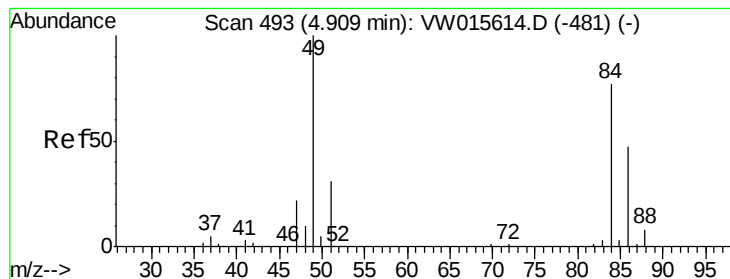
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 18 07:15:54 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.343 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW015622.D

Acq: 17 Jun 2020 17:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK17

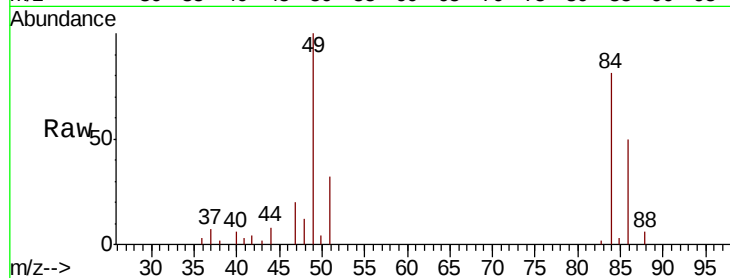
Tot Ion: 84 Resp: 8696

Ion Ratio Lower Upper

84 100

49 123.5 93.0 172.8

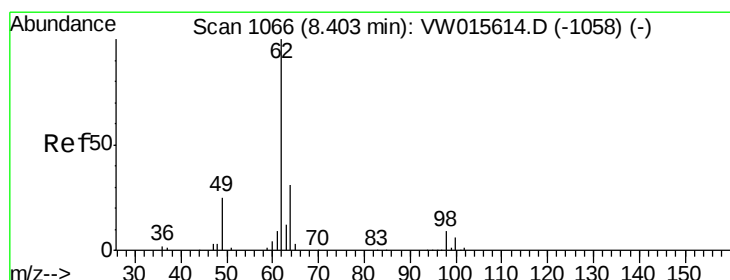
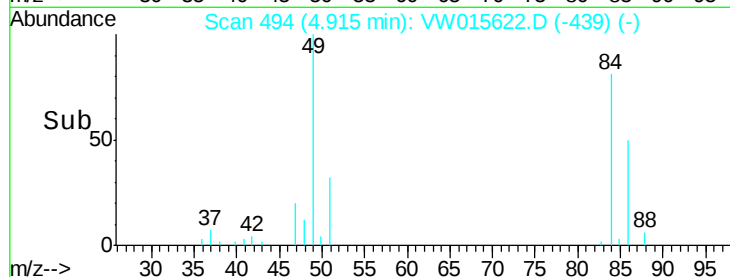
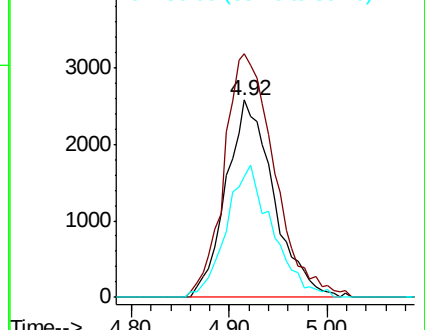
86 61.3 44.7 83.1



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



#27

1,2-Dichloroethane

Concen: 0.491 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.13 min

Lab File: VW015622.D

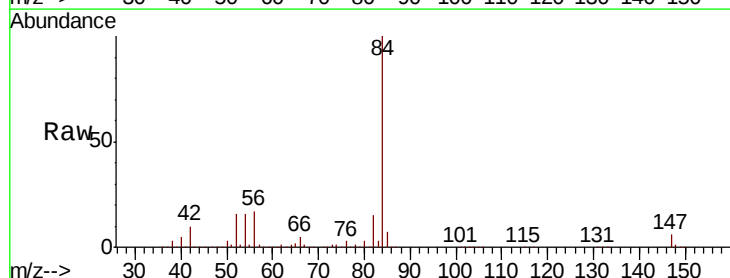
Acq: 17 Jun 2020 17:21

Tgt Ion: 62 Resp: 2327

Ion Ratio Lower Upper

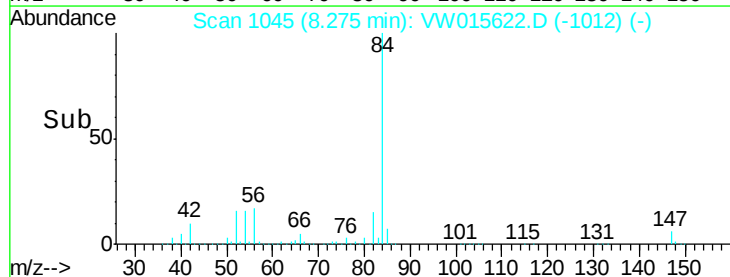
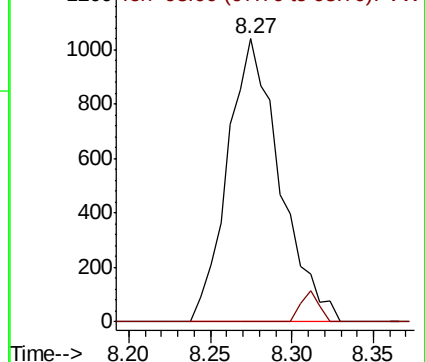
62 100

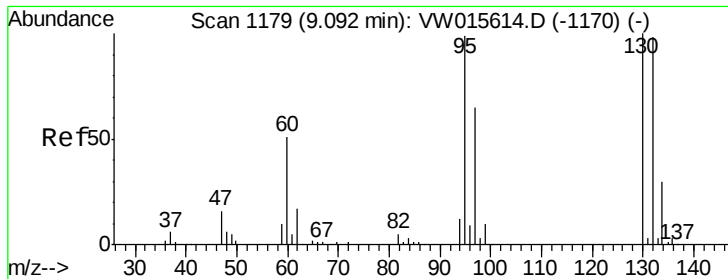
98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.241 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW015622.D

Acq: 17 Jun 2020 17:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK17

Tot Ion: 95 Resp: 9373

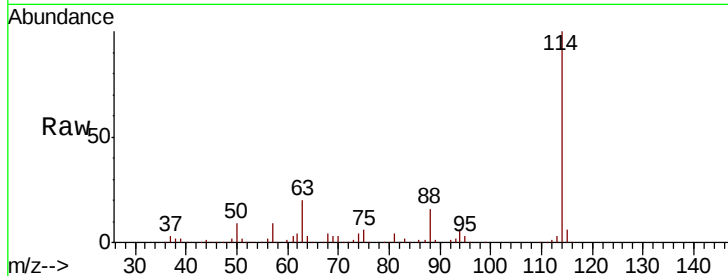
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

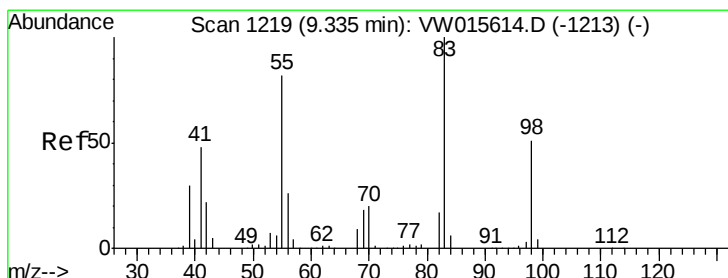
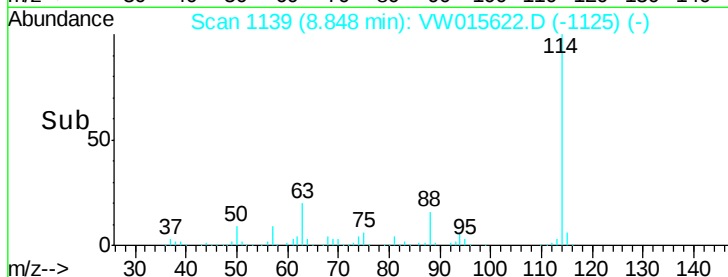
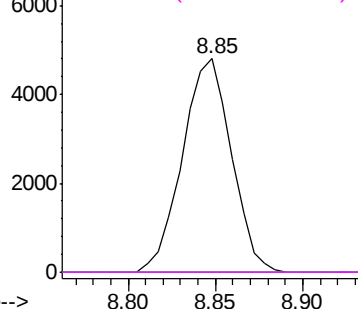


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.476 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW015622.D

Acq: 17 Jun 2020 17:21

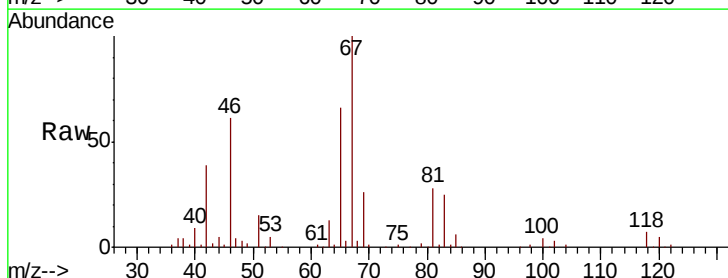
Tgt Ion: 83 Resp: 25921

Ion Ratio Lower Upper

83 100

55 0.7 62.8 94.2#

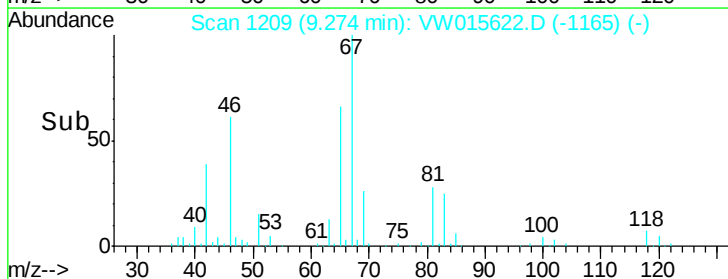
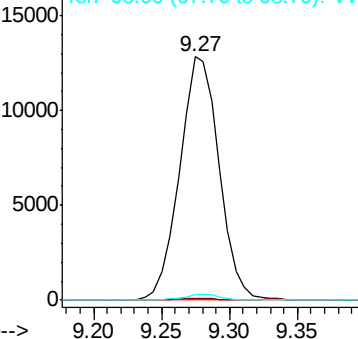
98 2.1 39.2 58.8#

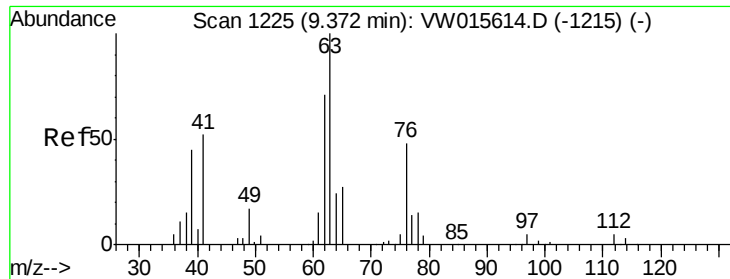


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 3.363 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW015622.D

Acq: 17 Jun 2020 17:21

Instrument :

MSVOA_W

ClientSampleId :

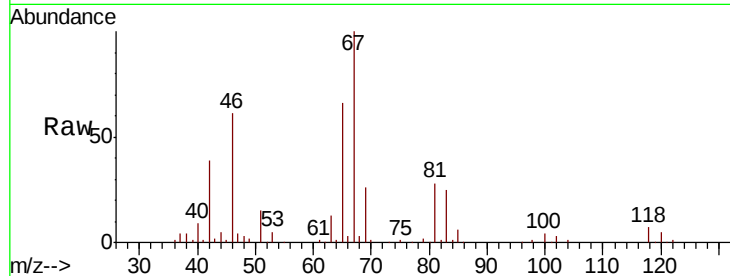
VIBLK17

Tot Ion: 63 Resp: 12894

Ion Ratio Lower Upper

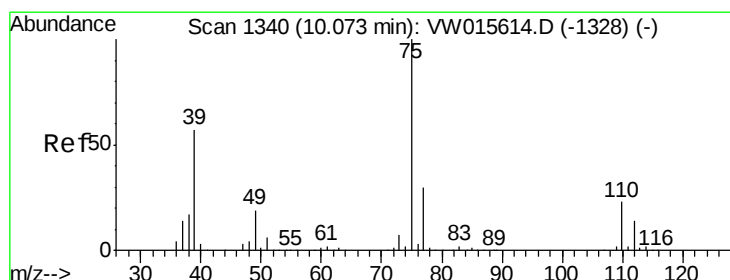
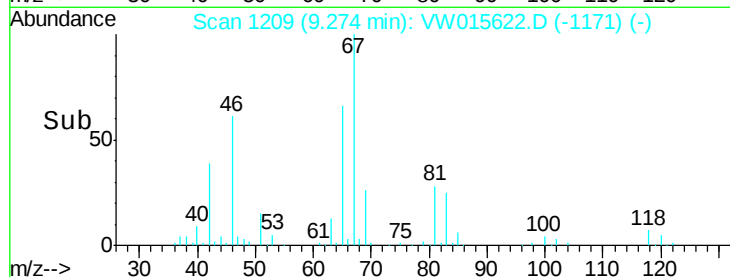
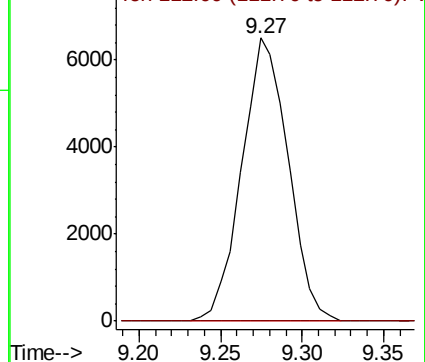
63 100

112 0.0 3.8 5.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.517 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015622.D

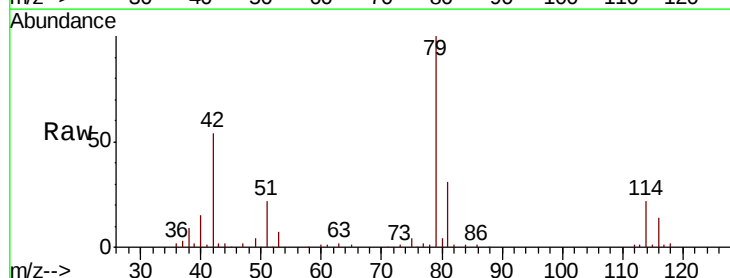
Acq: 17 Jun 2020 17:21

Tgt Ion: 75 Resp: 3171

Ion Ratio Lower Upper

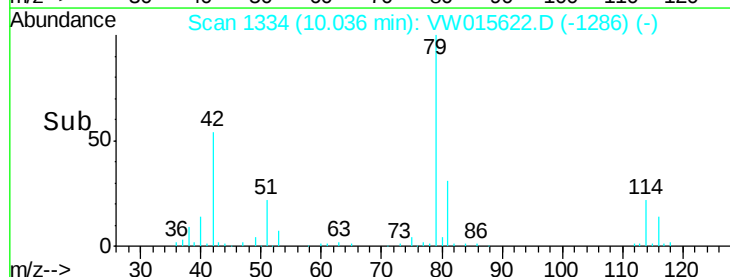
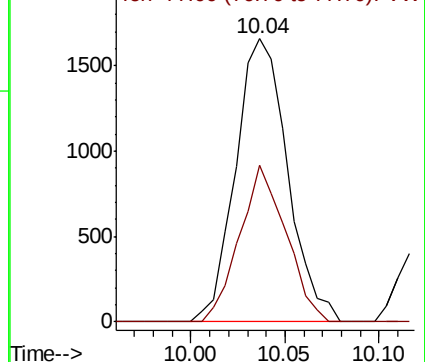
75 100

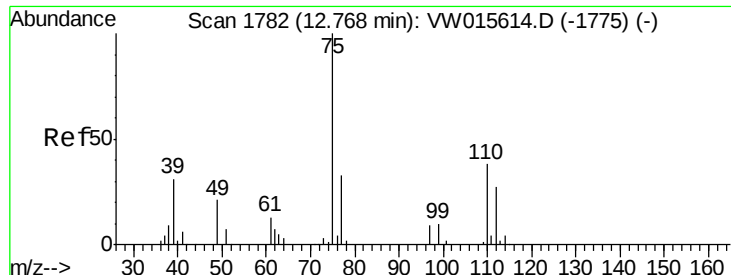
77 55.2 22.3 41.5#



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: 6.972 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015622.D

Acq: 17 Jun 2020 17:21

Instrument :

MSVOA_W

ClientSampleId :

VIBLK17

Tot Ion: 75 Resp: 16415

Ion Ratio Lower Upper

75 100

77 37.8 25.9 38.9

