

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017102.D
 Acq On : 06 Nov 2020 15:50
 Operator : SY/VA
 Sample : L4659-04
 Misc : 5.68G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:34:28 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	8.85	114	462624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404488	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182003	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	132909	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
7) Chloroethane-d5	2.90	69	102089	22.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.96%
10) 1,1-Dichloroethene-d2	4.03	63	174268	16.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.88%
20) 2-Butanone-d5	7.09	46	39809	30.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.10%
24) Chloroform-d	7.65	84	236843	21.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	8.31	65	116274	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.64%
29) Benzene-d6	8.28	84	487316	23.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.64%
33) 1,2-Dichloropropane-d6	9.28	67	132664	23.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.12%
37) Toluene-d8	10.33	98	457405	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.20%
38) trans-1,3-Dichloropropene-	10.58	79	52158	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	10.93	63	32430	32.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92872	18.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	143776	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

Target Compounds

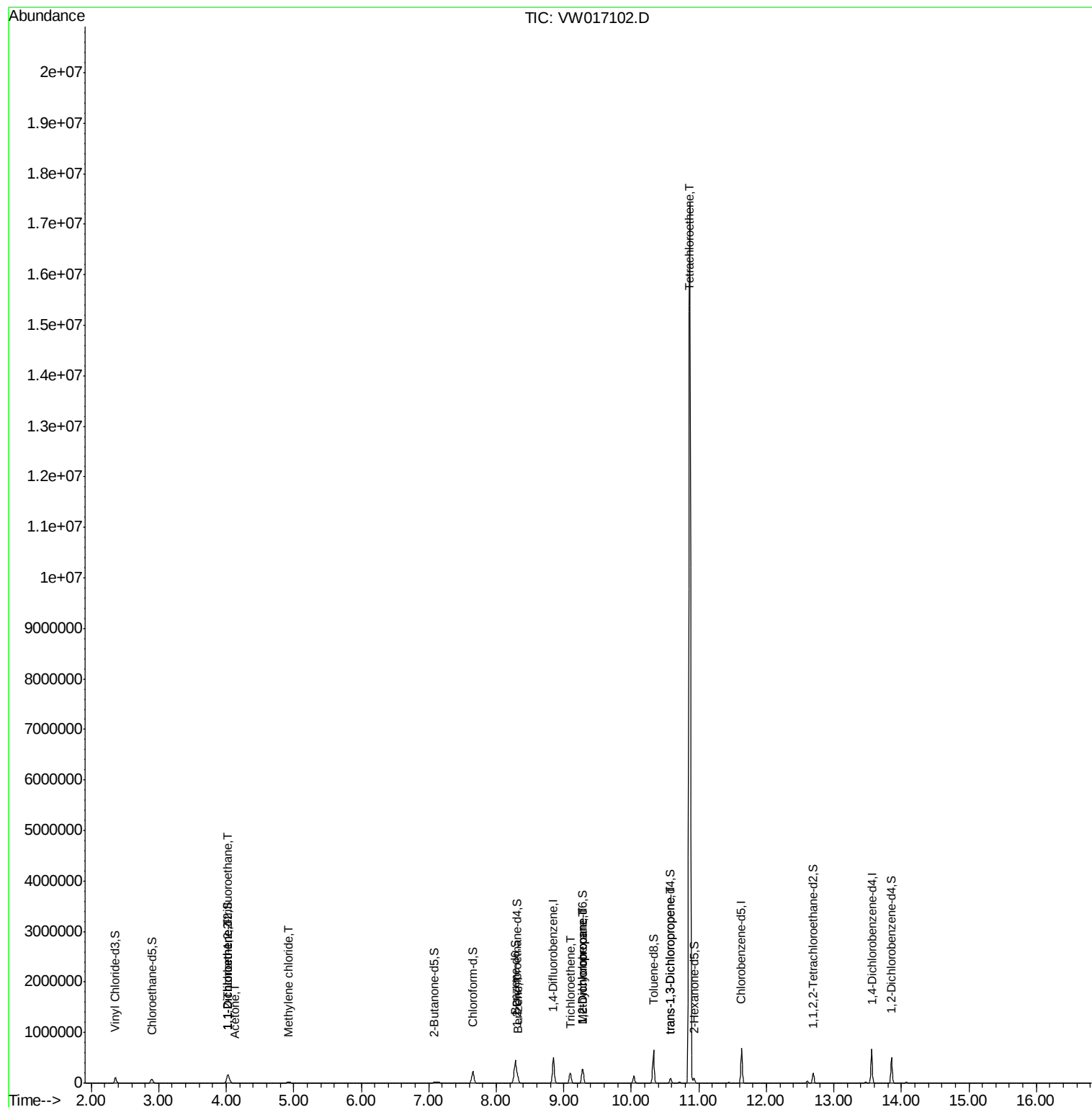
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1947	0.326	ug/L #	17
12) 1,1-Dichloroethene	4.03	96	1629	0.284	ug/L #	1
13) Acetone	4.14	43	1268	1.453	ug/L	87
16) Methylene chloride	4.92	84	23290	3.734	ug/L	93
34) Benzene	8.33	78	7844	0.369	ug/L	100
35) Trichloroethene	9.10	95	68037	11.435	ug/L	99
36) Methylcyclohexane	9.28	83	34458	3.599	ug/L #	22
40) 1,2-Dichloropropane	9.28	63	15054	3.032	ug/L #	86
45) trans-1,3-Dichloropropene	10.58	75	2238	0.331	ug/L	86
47) Tetrachloroethene	10.87	164	4233885	788.723	ug/L	95

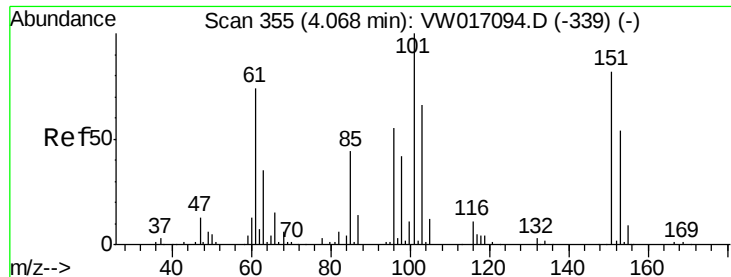
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.326 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

Instrument :

MSVOA_W

ClientSampled :

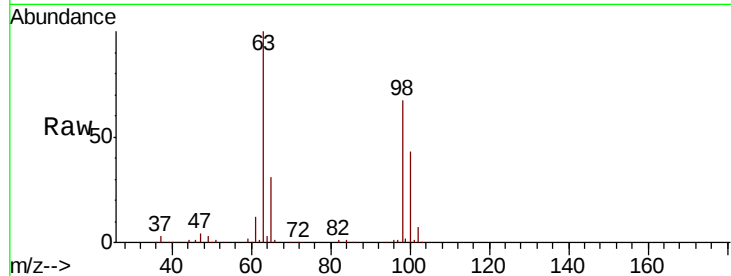
Tot Ion: 101 Resp: 1947

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

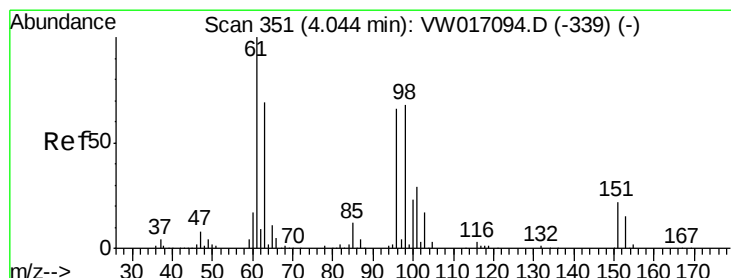
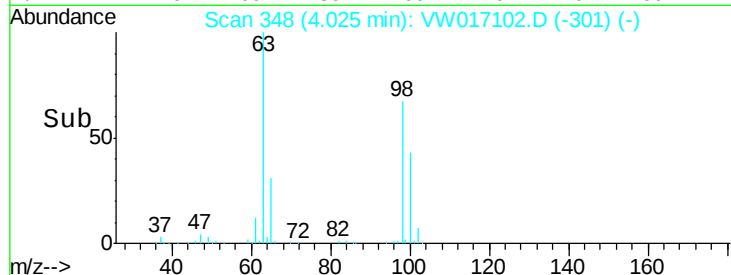
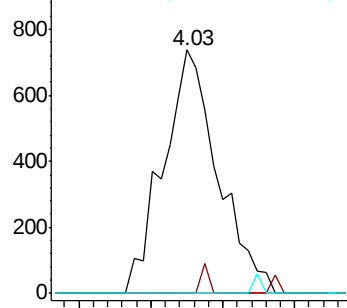
151 0.0 65.4 98.2#



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



#12

1,1-Dichloroethene

Concen: 0.284 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

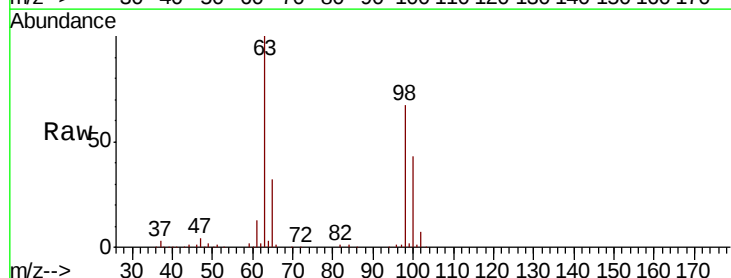
Tgt Ion: 96 Resp: 1629

Ion Ratio Lower Upper

96 100

61 1321.1 103.8 192.8#

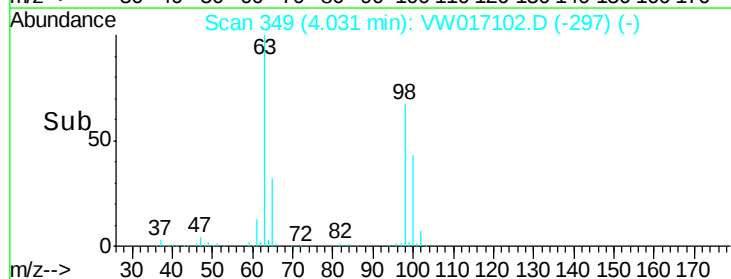
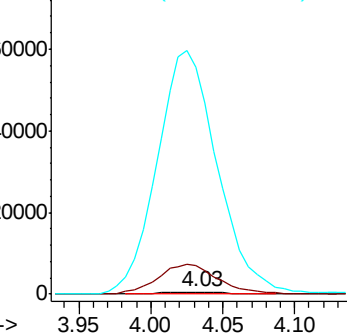
63 10493.4 84.4 156.7#

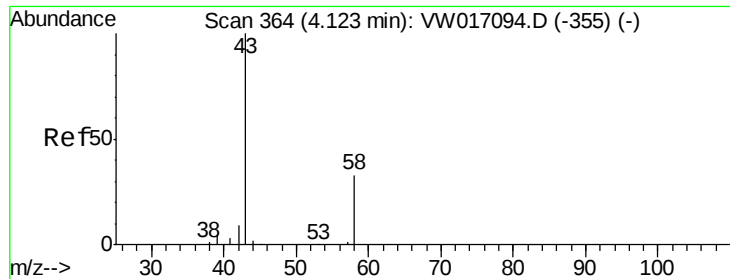


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 1.453 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

Instrument :

MSVOA_W

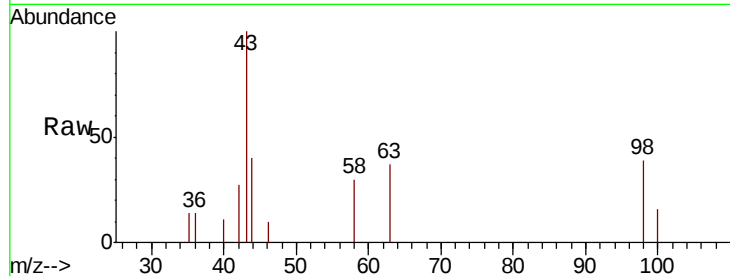
ClientSampled :

Tot Ion: 43 Resp: 1268

Ion Ratio Lower Upper

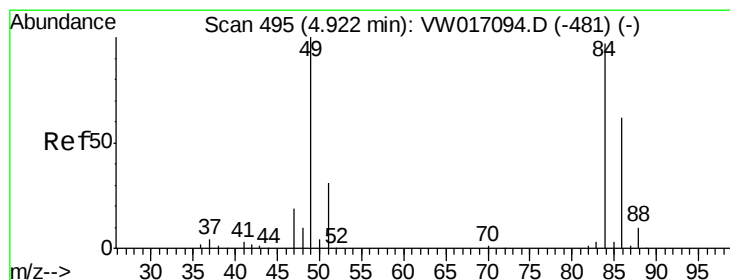
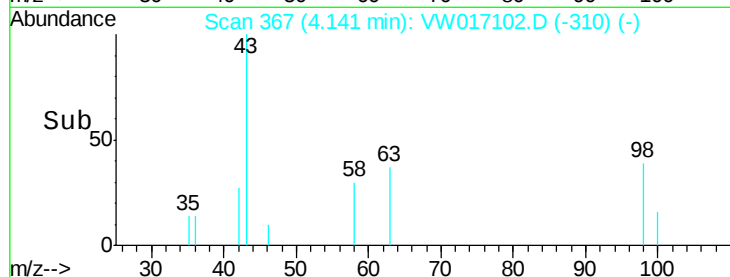
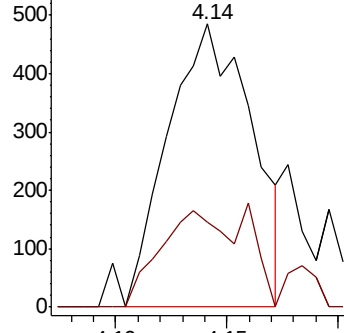
43 100

58 27.3 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: 3.734 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

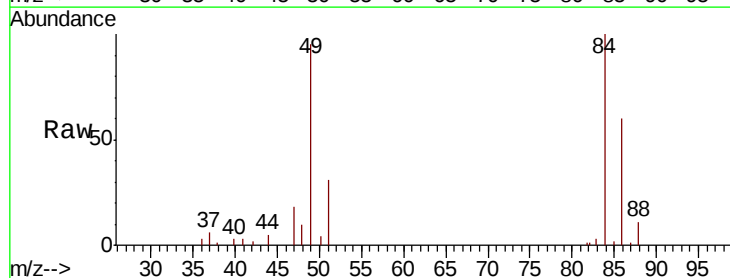
Tgt Ion: 84 Resp: 23290

Ion Ratio Lower Upper

84 100

49 95.2 72.3 134.3

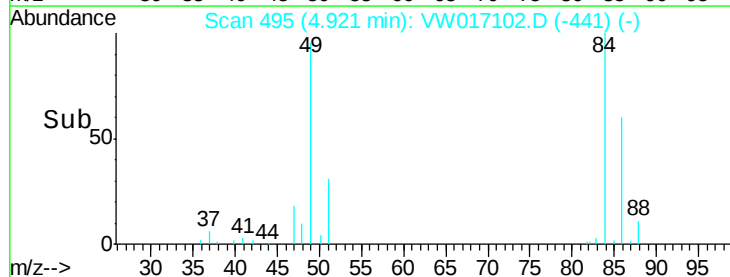
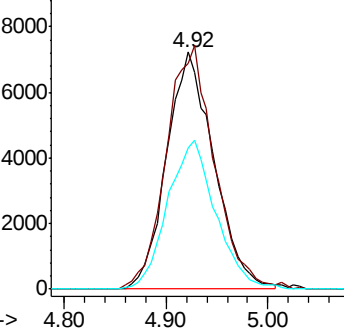
86 59.6 45.1 83.7

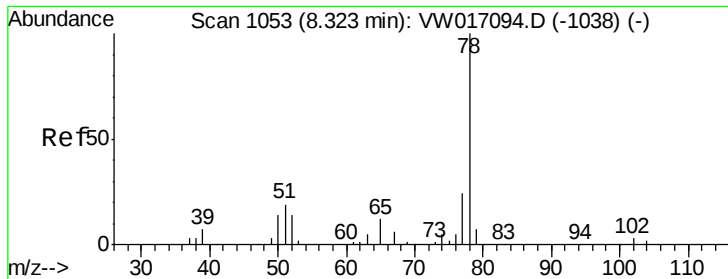


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 0.369 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW017102.D

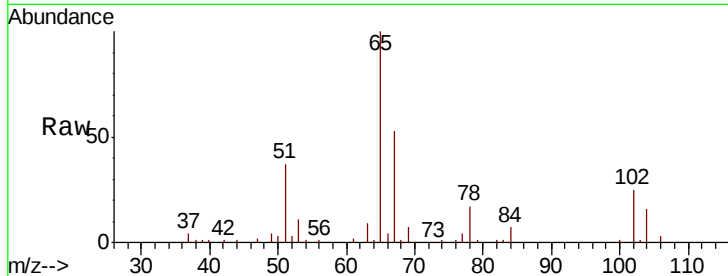
Acq: 06 Nov 2020 15:50

Instrument :

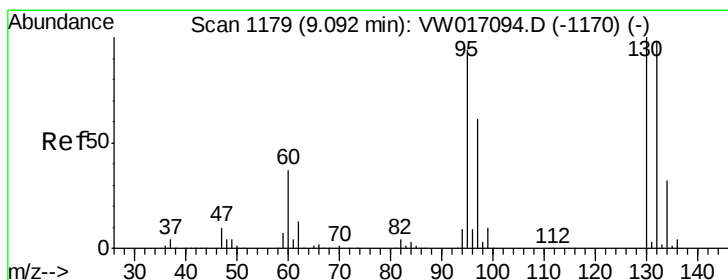
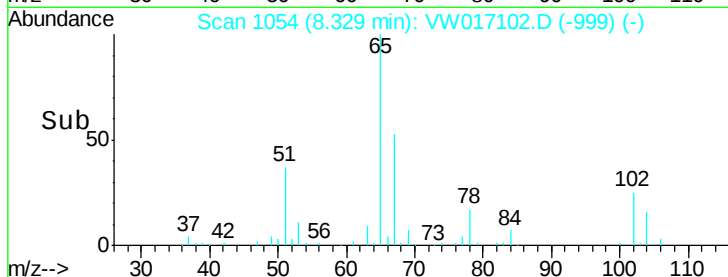
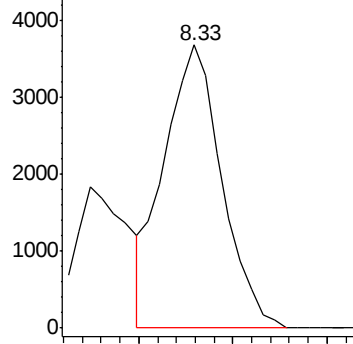
MSVOA_W

ClientSampled :

Tgt Ion: 78 Resp: 7844



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 11.435 ug/L

RT: 9.10 min Scan# 1180

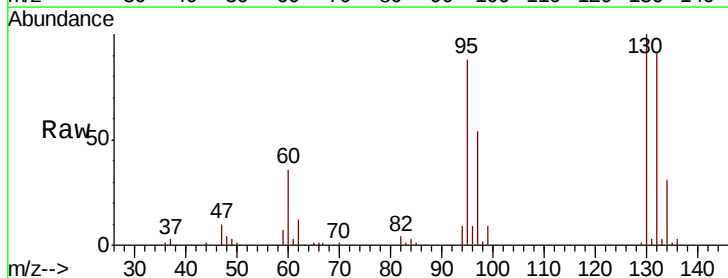
Delta R.T. 0.01 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

Tgt Ion: 95 Resp: 68037

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.0	83.6
132	105.4	73.7	136.9
130	109.3	77.1	143.1

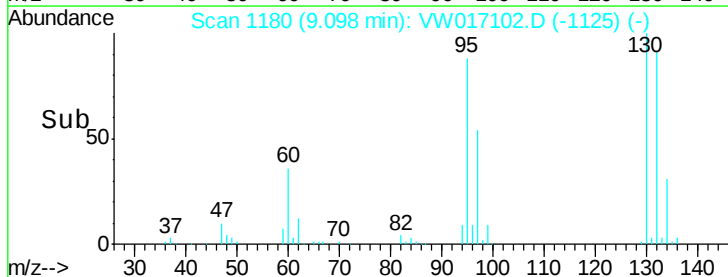


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

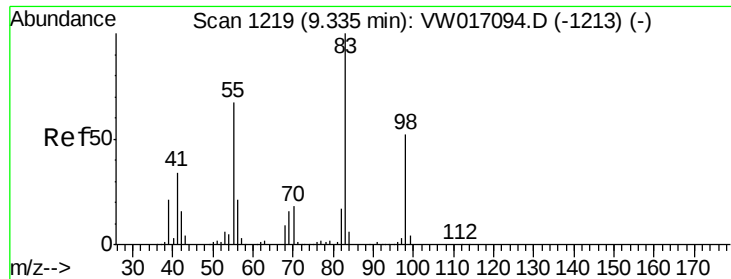


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

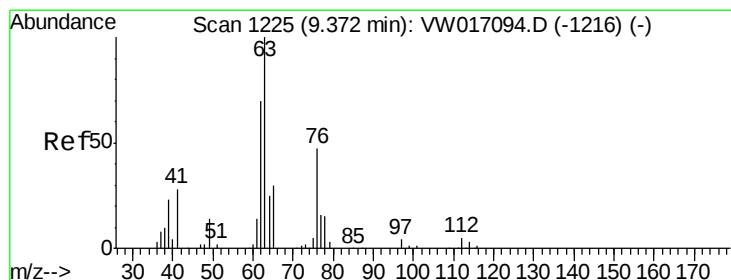
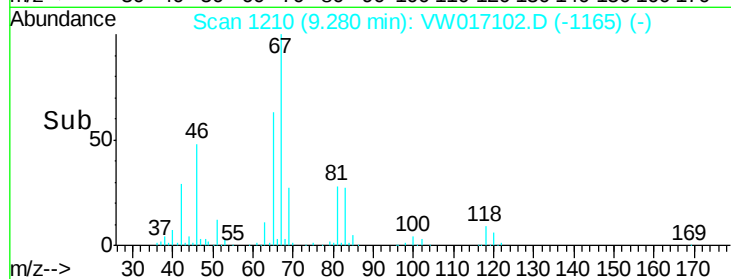
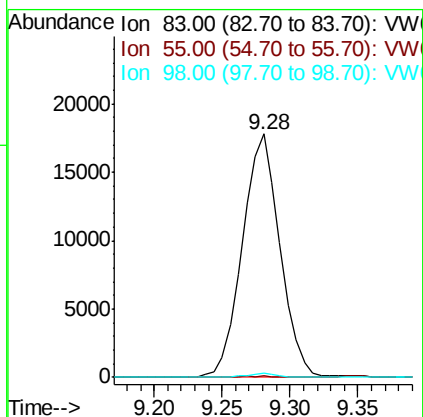
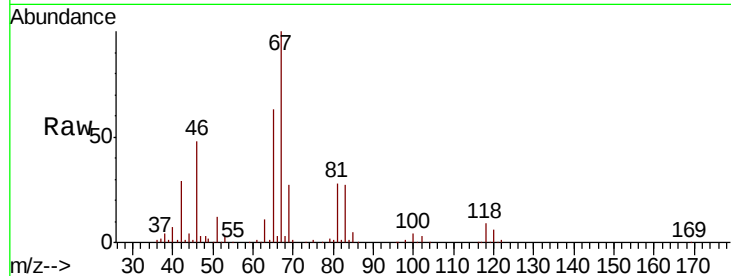
Ion 130.00 (129.70 to 130.70): VW



#36
Methylcyclohexane
Concen: 3.599 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.06 min
Lab File: VW017102.D
Acq: 06 Nov 2020 15:50

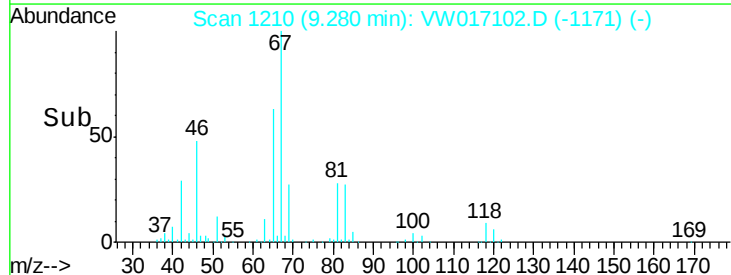
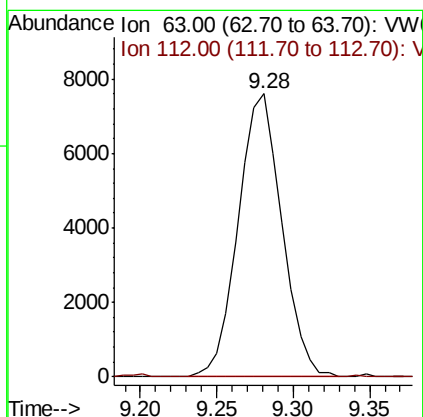
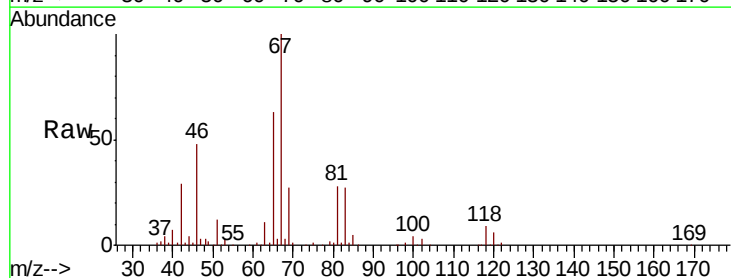
Instrument :
MSVOA_W
ClientSampleId :

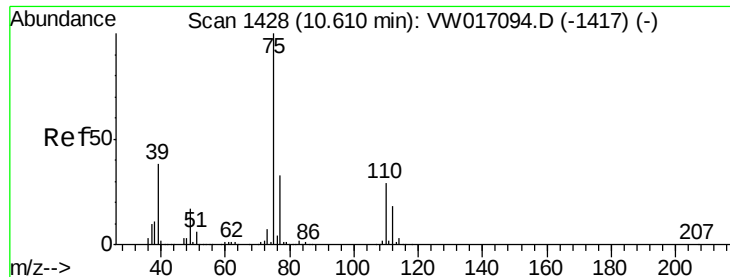
Tot Ion	83	Resp	34458
Ion Ratio	100	Lower	Upper
55	0.3	54.4	81.6#
98	1.5	40.5	60.7#



#40
1,2-Dichloropropane
Concen: 3.032 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017102.D
Acq: 06 Nov 2020 15:50

Tgt Ion	63	Resp	15054
Ion Ratio	100	Lower	Upper
112	0.5	4.2	6.2#





#45

trans-1,3-Dichloropropene

Concen: 0.331 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

Instrument :

MSVOA_W

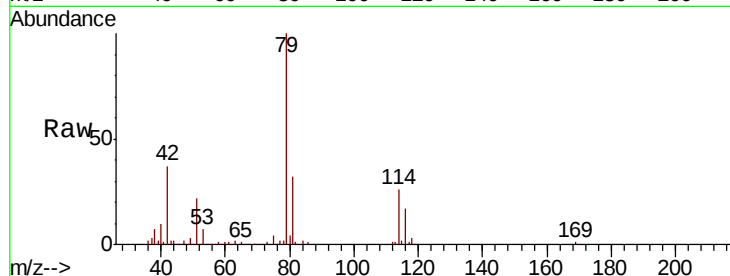
ClientSampled :

Tot Ion: 75 Resp: 2238

Ion Ratio Lower Upper

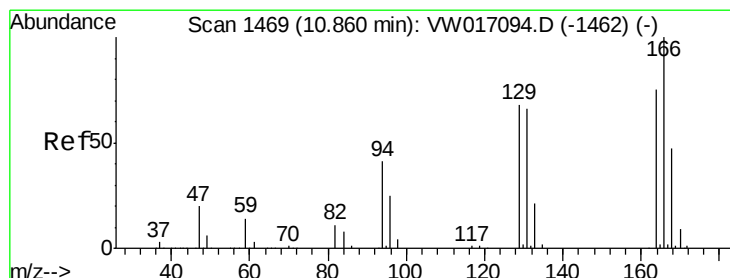
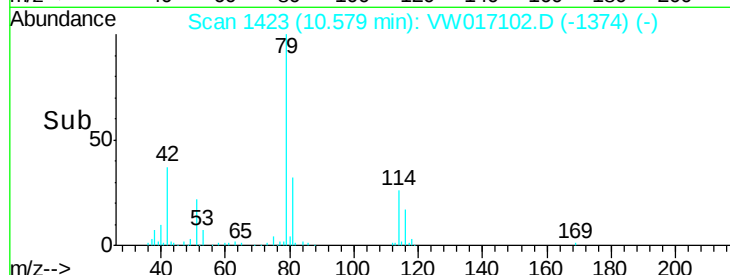
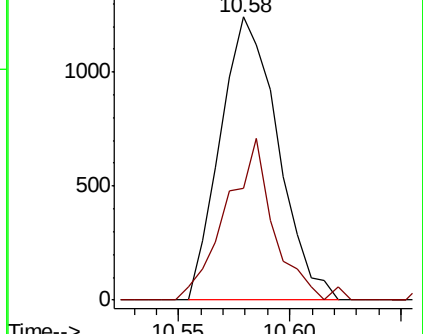
75 100

77 39.3 22.1 41.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 788.723 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017102.D

Acq: 06 Nov 2020 15:50

Tgt Ion:164 Resp: 4233885

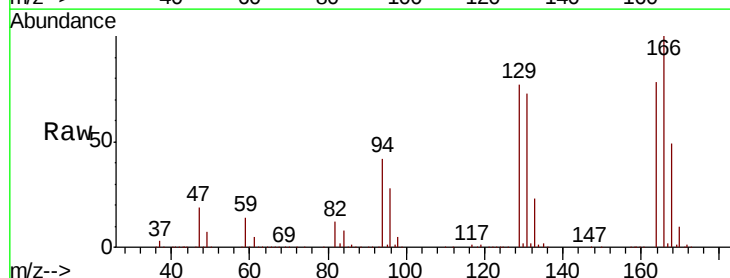
Ion Ratio Lower Upper

164 100

129 98.7 62.9 116.7

131 94.0 63.3 117.5

166 128.5 92.0 170.8



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

