

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110620\
 Data File : VW017109.D
 Acq On : 06 Nov 2020 18:34
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:35:29 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	449498	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	422032	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	199295	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	140142	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.00%
7) Chloroethane-d5	2.90	69	112119	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.80%
10) 1,1-Dichloroethene-d2	4.03	63	180883	17.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.44%
20) 2-Butanone-d5	7.08	46	62795	49.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.20%
24) Chloroform-d	7.65	84	265913	25.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.36%
26) 1,2-Dichloroethane-d4	8.41	65	78	0.01	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.28	84	527032	24.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.08%
33) 1,2-Dichloropropane-d6	9.28	67	150699	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	10.33	98	491243	24.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.96%
38) trans-1,3-Dichloropropene-	10.59	79	63622	23.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.96%
39) 2-Hexanone-d5	10.93	63	48617	46.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132443	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	189567	27.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.00%

Target Compounds

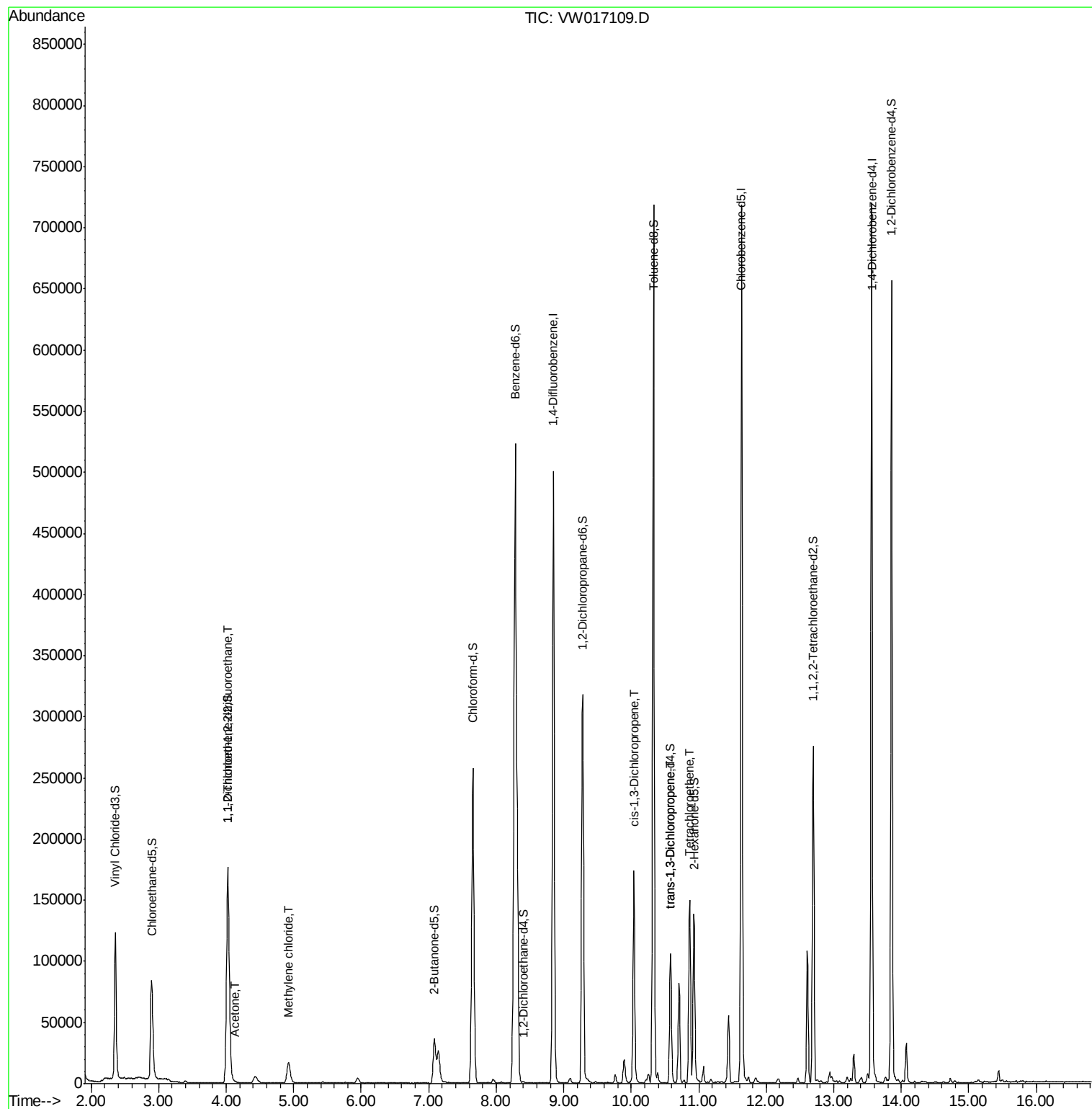
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1977	0.341 ug/L #	18
13) Acetone	4.14	43	815	0.961 ug/L	75
16) Methylene chloride	4.93	84	16044	2.647 ug/L	90
42) cis-1,3-Dichloropropene	10.04	75	4535	0.553 ug/L #	71
45) trans-1,3-Dichloropropene	10.59	75	3035	0.431 ug/L #	82
47) Tetrachloroethene	10.87	164	36968	6.600 ug/L	95

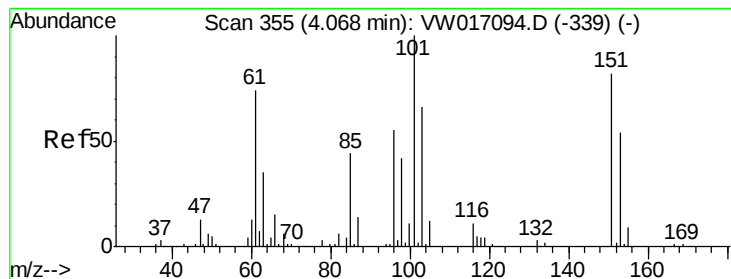
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.341 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017109.D

Acq: 06 Nov 2020 18:34

Instrument :

MSVOA_W

ClientSampled :

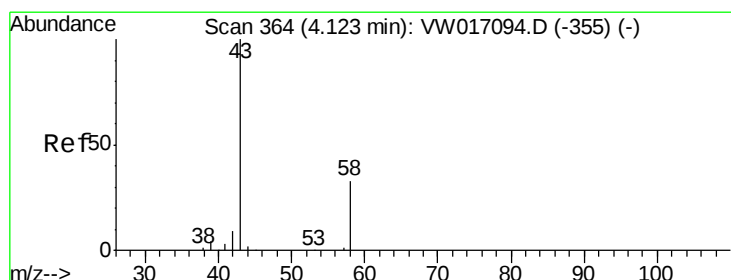
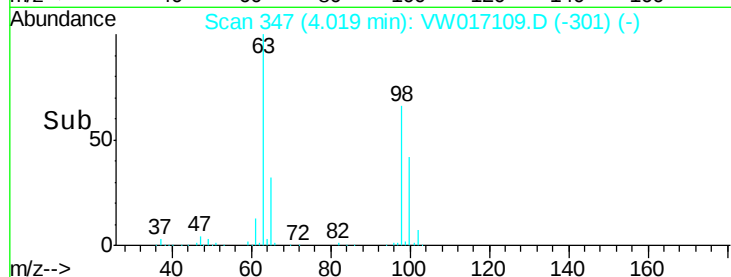
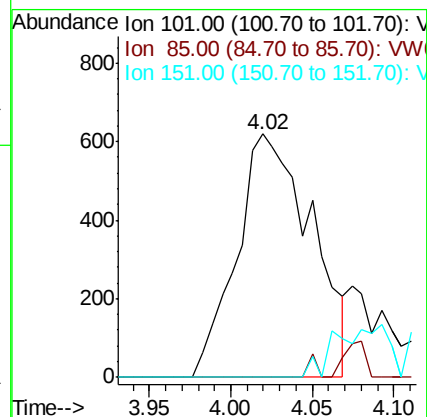
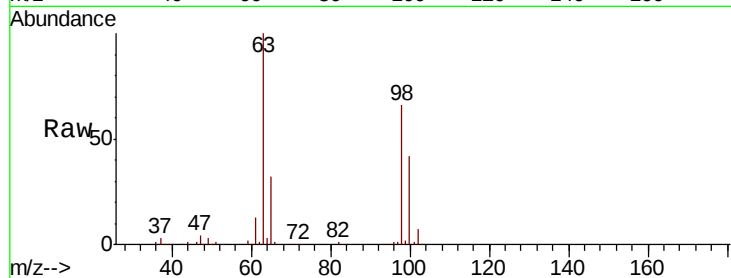
Tot Ion:101 Resp: 1977

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 1.0 65.4 98.2#



#13

Acetone

Concen: 0.961 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017109.D

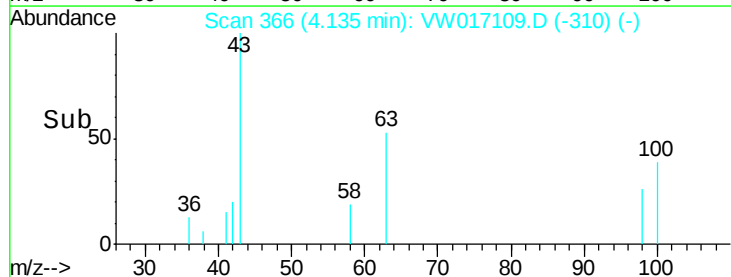
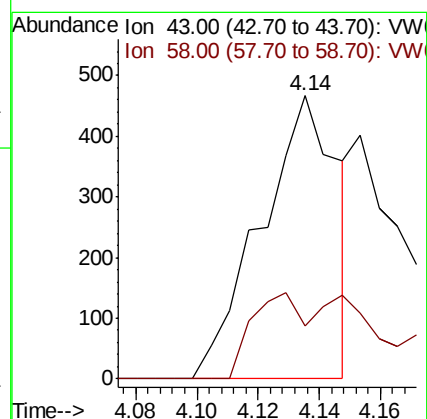
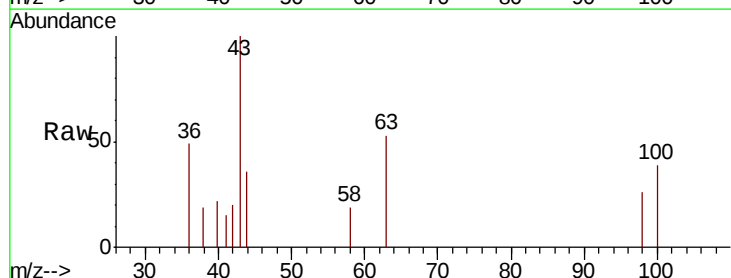
Acq: 06 Nov 2020 18:34

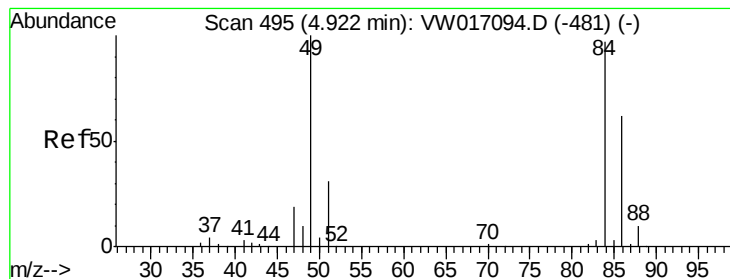
Tgt Ion: 43 Resp: 815

Ion Ratio Lower Upper

43 100

58 20.4 0.0 69.2





#16

Methvlene chloride

Concen: 2.647 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW017109.D

Acq: 06 Nov 2020 18:34

Instrument :

MSVOA_W

ClientSampleId :

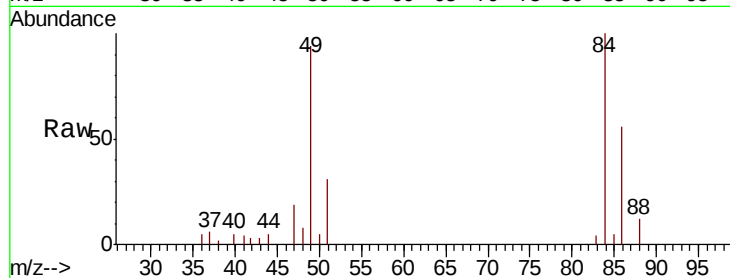
Tot Ion: 84 Resp: 16044

Ion Ratio Lower Upper

84 100

49 94.1 72.3 134.3

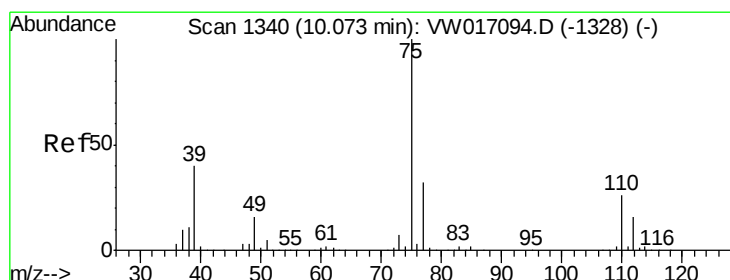
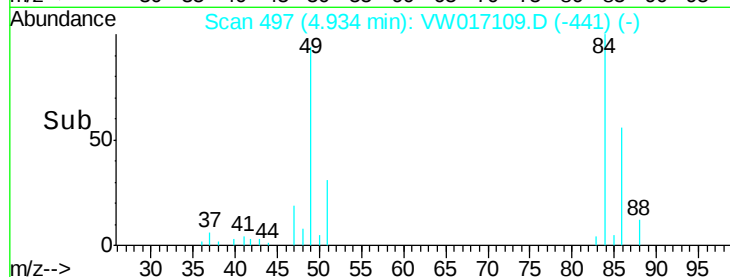
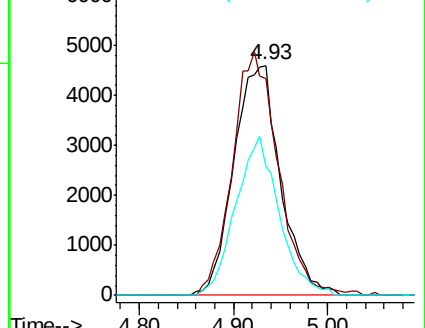
86 55.9 45.1 83.7



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



#42

cis-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017109.D

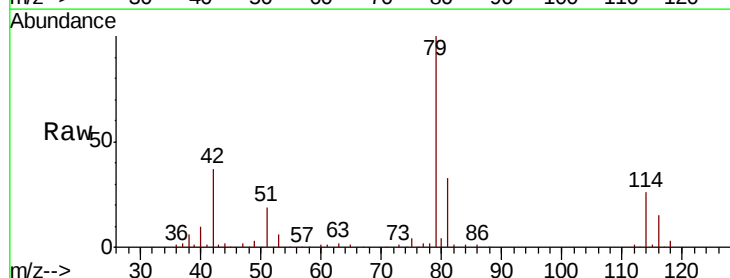
Acq: 06 Nov 2020 18:34

Tgt Ion: 75 Resp: 4535

Ion Ratio Lower Upper

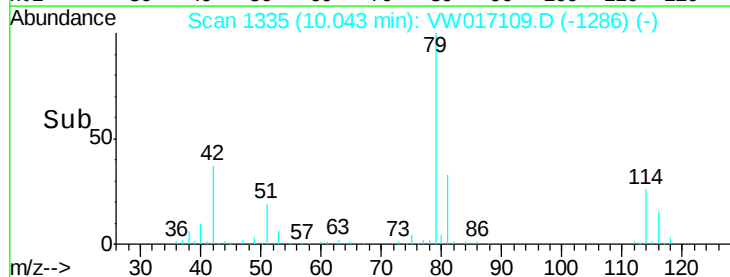
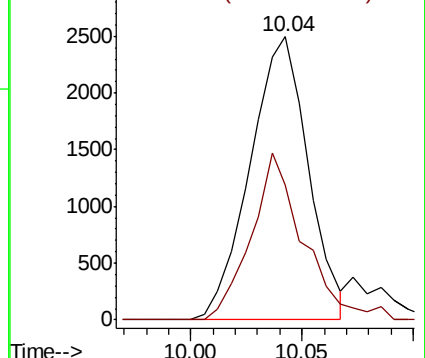
75 100

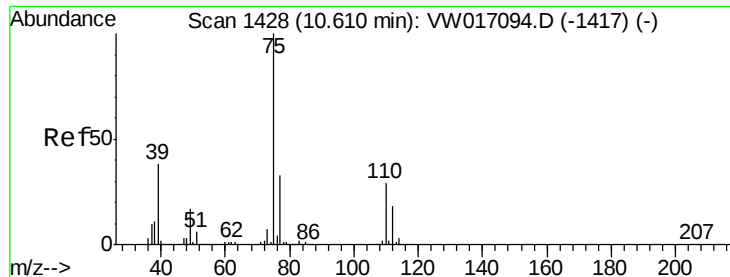
77 47.7 22.0 41.0#



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: 0.431 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017109.D

Acq: 06 Nov 2020 18:34

Instrument :

MSVOA_W

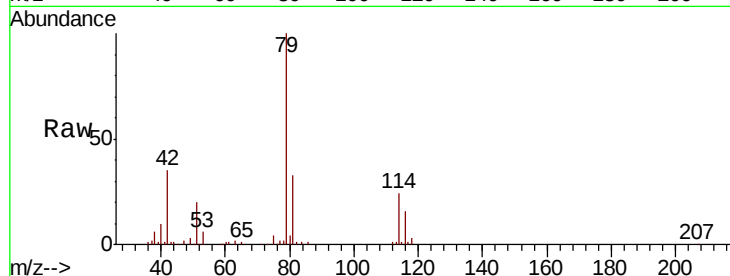
ClientSampleId :

Tot Ion: 75 Resp: 3035

Ion Ratio Lower Upper

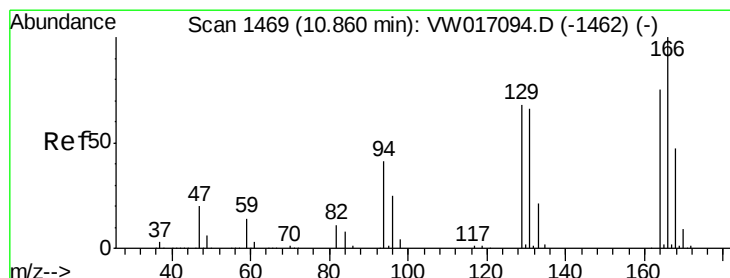
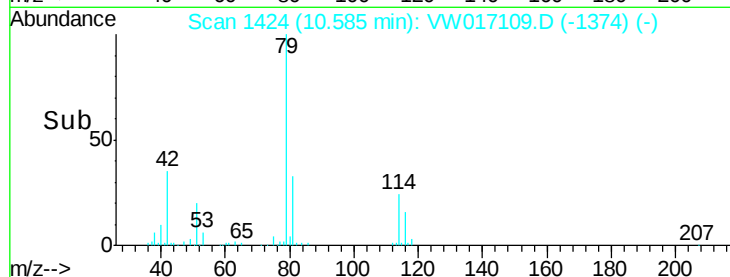
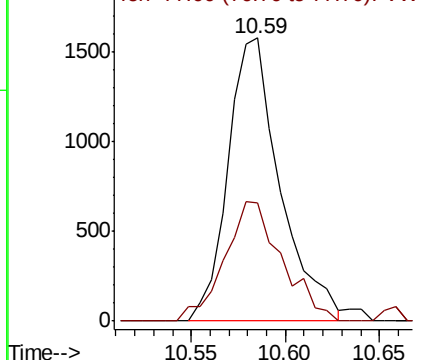
75 100

77 41.6 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: 6.600 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW017109.D

Acq: 06 Nov 2020 18:34

Tgt Ion: 164 Resp: 36968

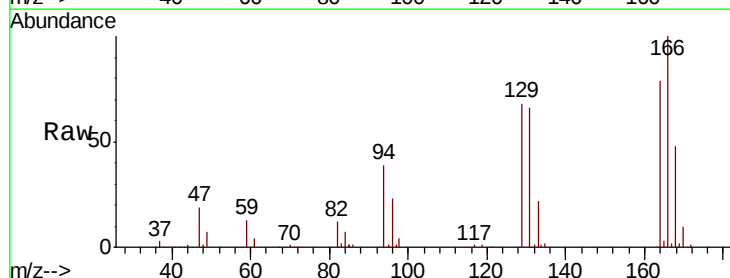
Ion Ratio Lower Upper

164 100

129 86.6 62.9 116.7

131 83.9 63.3 117.5

166 127.1 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

