

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017168.D
 Acq On : 11 Nov 2020 16:58
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK26

Quant Time: Nov 12 03:16:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	441321	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	410149	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194427	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127838	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.00%
7) Chloroethane-d5	2.89	69	107586	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	4.02	63	170121	17.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.44%
20) 2-Butanone-d5	7.08	46	56450	45.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.82%
24) Chloroform-d	7.65	84	258737	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.31	65	132243	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.28%
29) Benzene-d6	8.28	84	500727	23.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.88%
33) 1,2-Dichloropropane-d6	9.27	67	142160	24.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.44%
37) Toluene-d8	10.33	98	461381	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	10.58	79	57930	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.93	63	44463	44.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	122648	24.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	176213	25.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.88%

Target Compounds

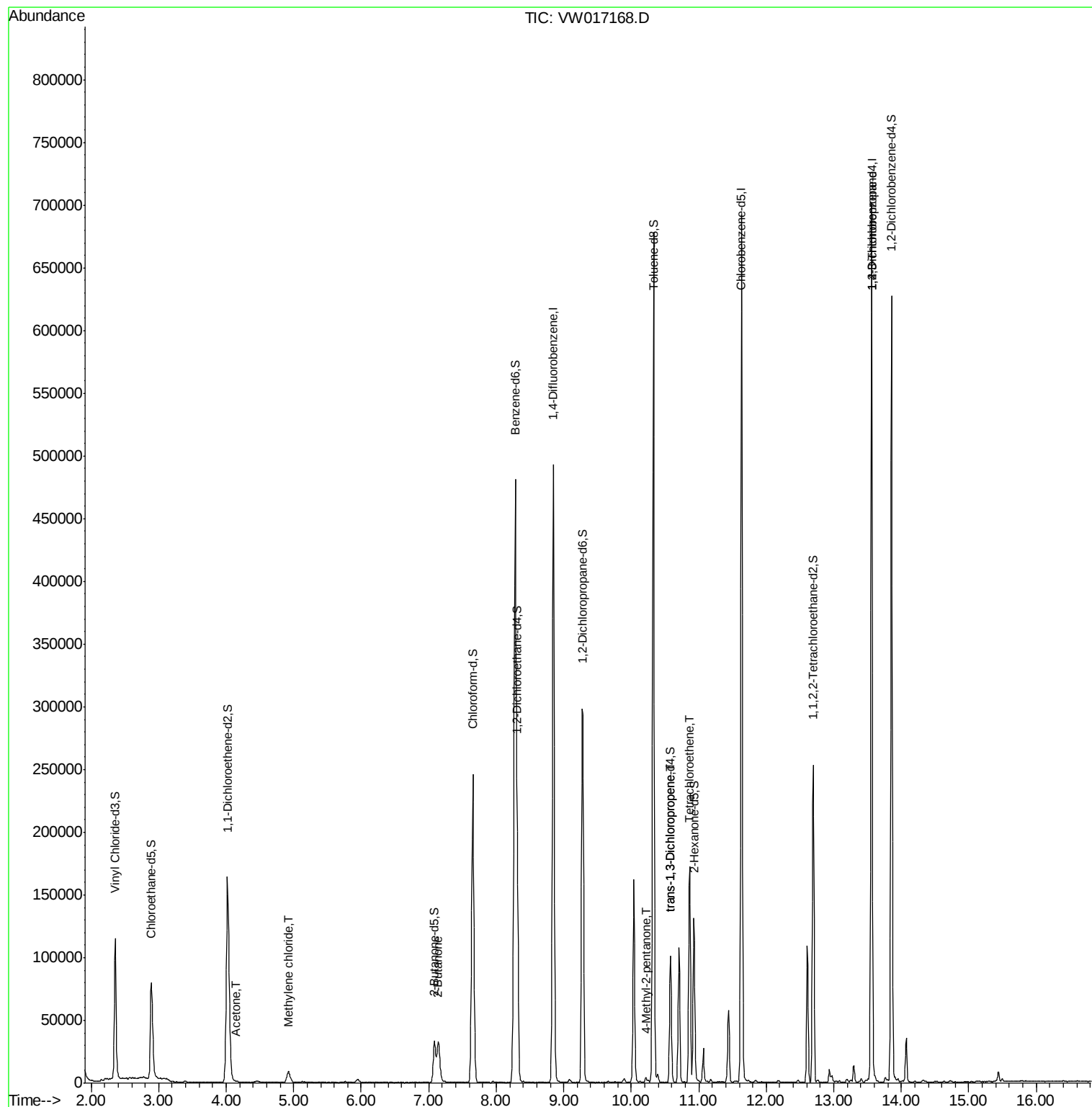
					Ovalue
13) Acetone	4.14	43	590	0.709 ug/L	81
16) Methylene chloride	4.93	84	7816	1.314 ug/L	99
21) 2-Butanone	7.15	43	965	0.722 ug/L #	68
43) 4-Methyl-2-pentanone	10.22	43	2757	0.888 ug/L #	92
45) trans-1,3-Dichloropropene	10.58	75	2989	0.436 ug/L #	70
47) Tetrachloroethene	10.87	164	39866	7.324 ug/L	90
59) 1,2,3-Trichloropropane	13.56	75	20588	5.712 ug/L	90

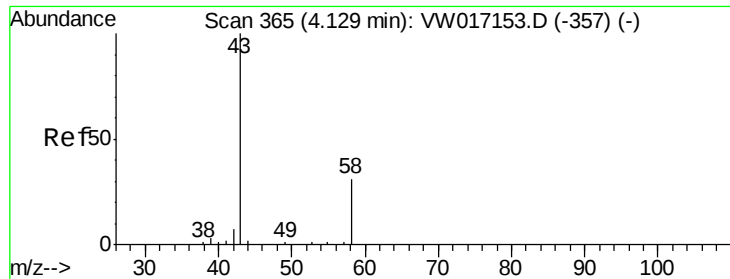
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.709 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017168.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_W

ClientSampleId :

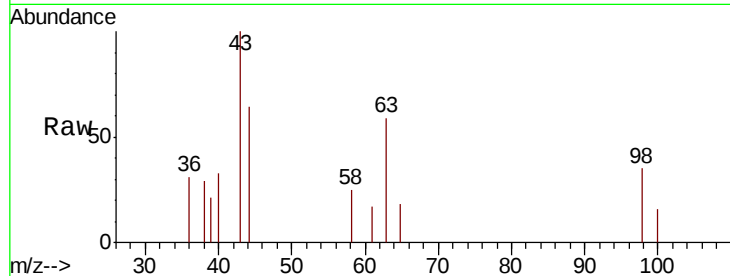
VIBLK26

Tot Ion: 43 Resp: 590

Ion Ratio Lower Upper

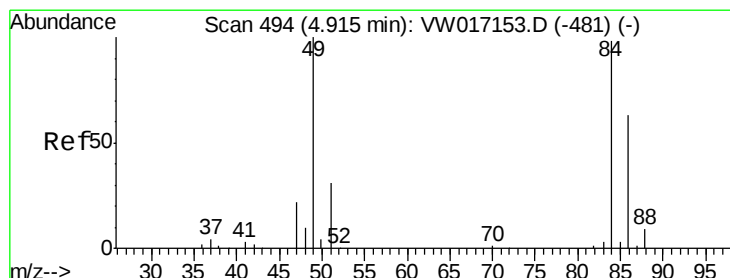
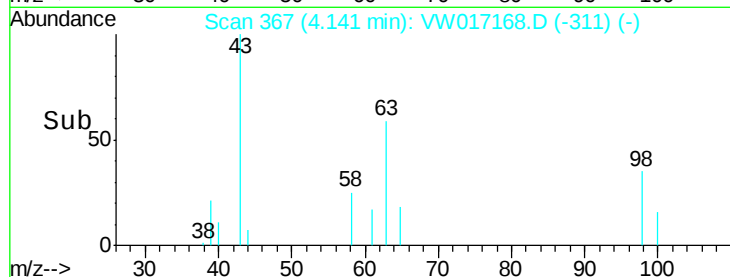
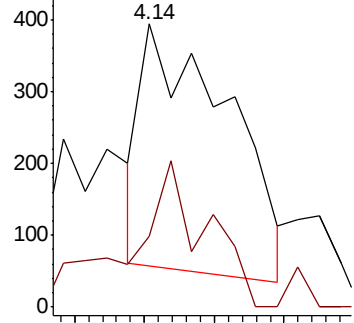
43 100

58 23.6 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: 1.314 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017168.D

Acq: 11 Nov 2020 16:58

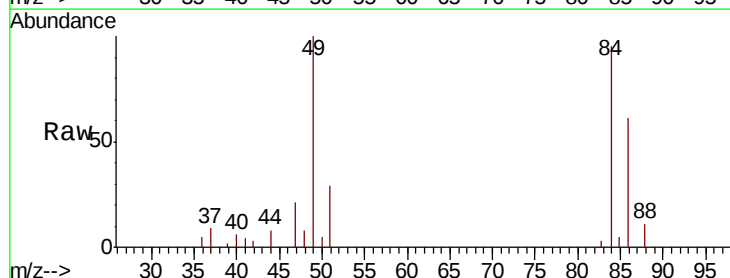
Tgt Ion: 84 Resp: 7816

Ion Ratio Lower Upper

84 100

49 105.6 72.3 134.3

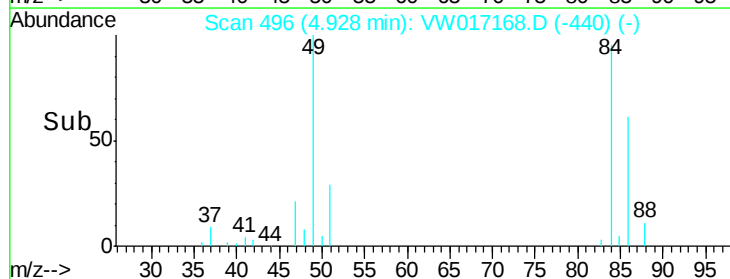
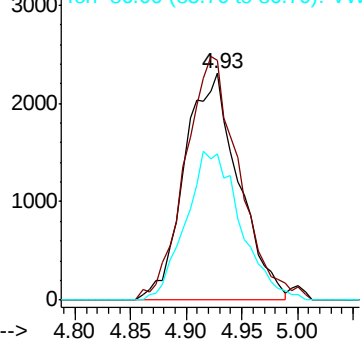
86 64.4 45.1 83.7

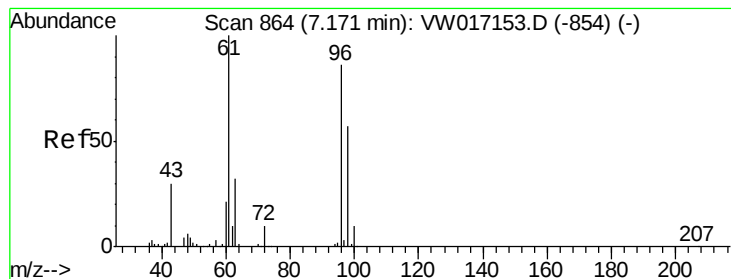


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.722 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW017168.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_W

ClientSampled :

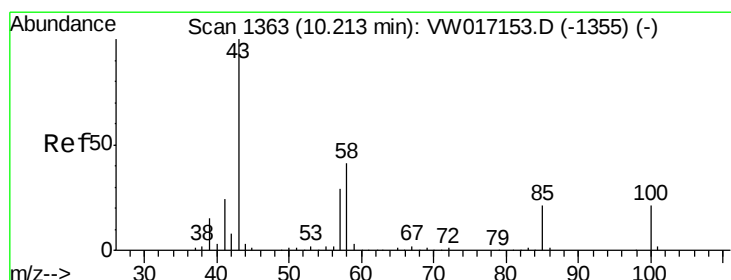
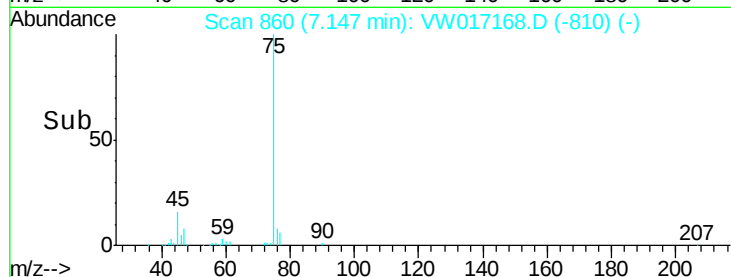
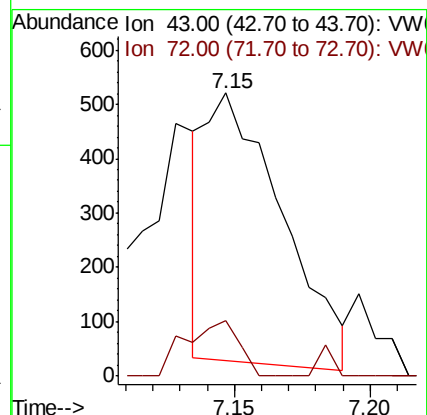
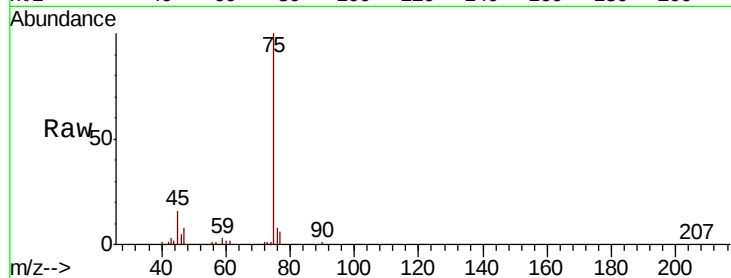
VIBLK26

Tot Ion: 43 Resp: 965

Ion Ratio Lower Upper

43 100

72 14.3 16.1 48.3#



#43

4-Methyl-2-pentanone

Concen: 0.888 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017168.D

Acq: 11 Nov 2020 16:58

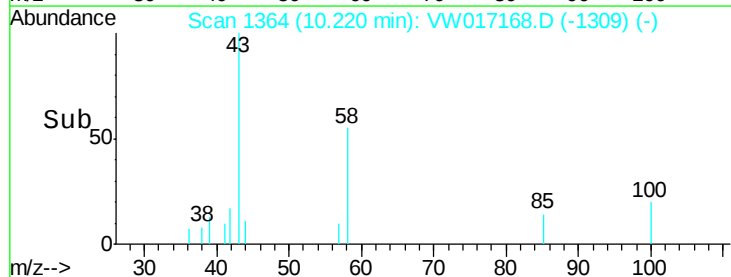
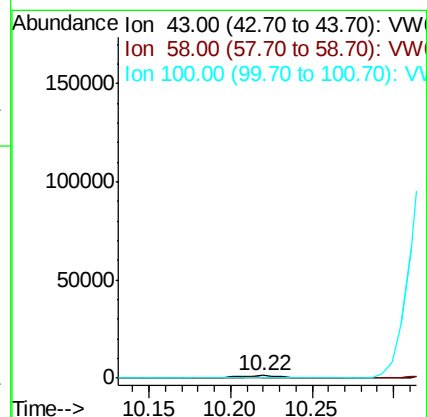
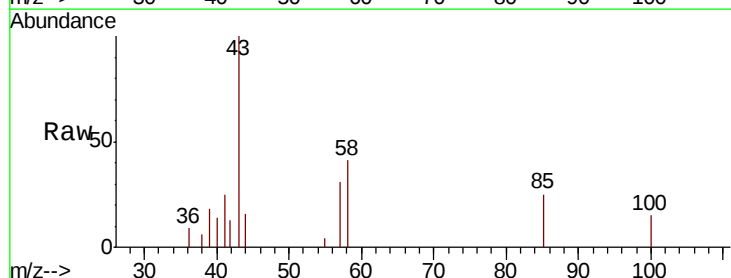
Tgt Ion: 43 Resp: 2757

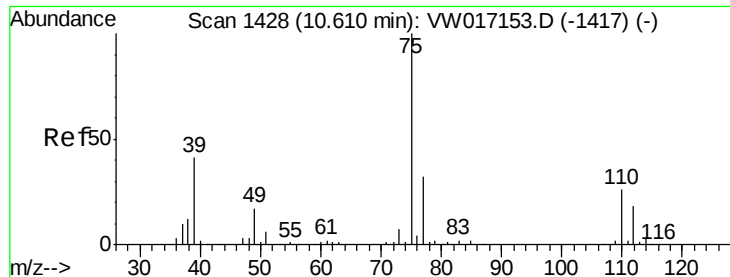
Ion Ratio Lower Upper

43 100

58 42.4 35.0 52.6

100 11.2 16.6 24.8#





#45

trans-1,3-Dichloropropene

Concen: 0.436 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017168.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_W

ClientSampleId :

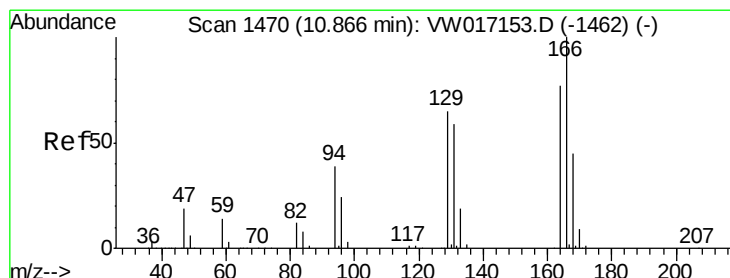
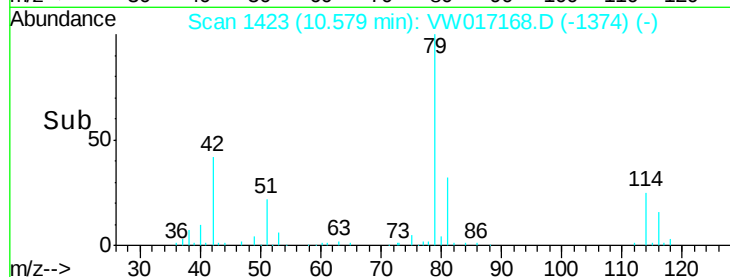
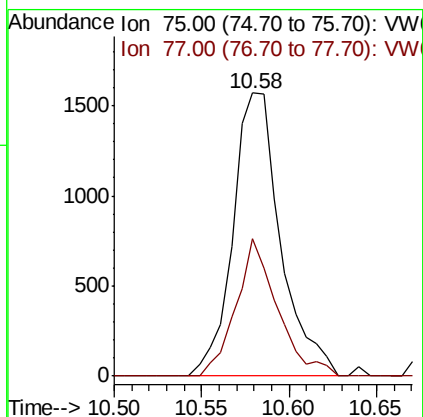
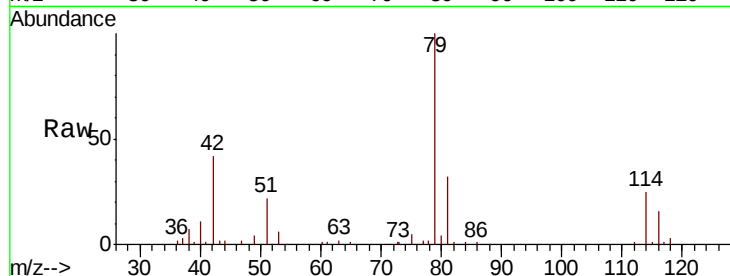
VIBLK26

Tot Ion: 75 Resp: 2989

Ion Ratio Lower Upper

75 100

77 48.4 22.1 41.1#



#47

Tetrachloroethene

Concen: 7.324 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017168.D

Acq: 11 Nov 2020 16:58

Tgt Ion:164 Resp: 39866

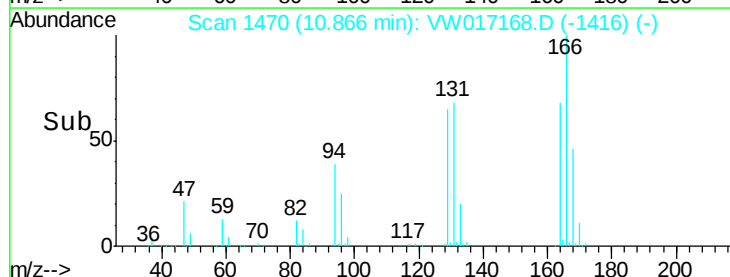
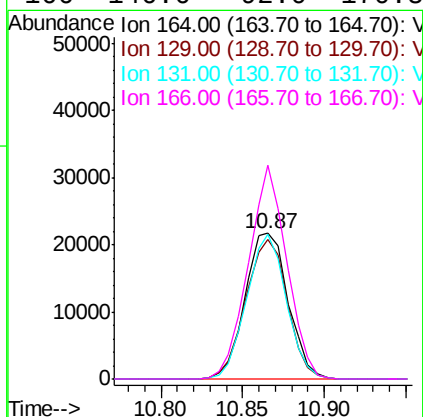
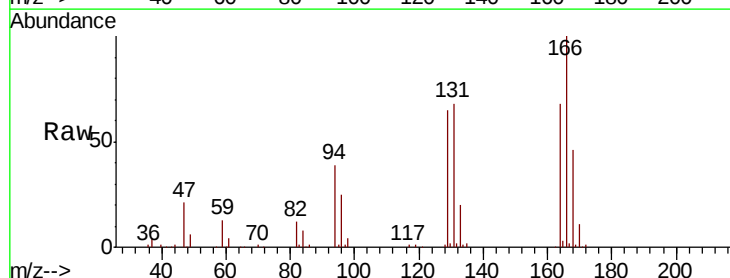
Ion Ratio Lower Upper

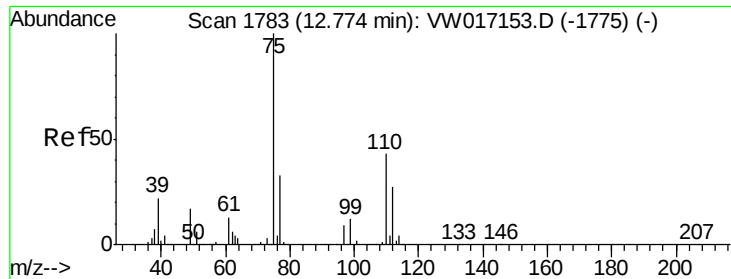
164 100

129 95.4 62.9 116.7

131 99.2 63.3 117.5

166 146.6 92.0 170.8





#59

1,2,3-Trichloropropane

Concen: 5.712 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017168.D

Acq: 11 Nov 2020 16:58

Instrument :

MSVOA_W

ClientSampleId :

VIBLK26

Tot Ion: 75 Resp: 20588

Ion Ratio Lower Upper

75 100

77 38.7 26.4 39.6

