

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017063.D
 Acq On : 03 Nov 2020 16:43
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK30

Quant Time: Nov 04 04:12:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 04:03:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	447266	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	412224	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200777	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	97183	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.32%
7) Chloroethane-d5	2.89	69	86040	21.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.04%
10) 1,1-Dichloroethene-d2	4.03	63	151210	15.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.24%
20) 2-Butanone-d5	7.08	46	53859	55.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.78%
24) Chloroform-d	7.65	84	243927	23.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	8.31	65	118862	24.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.92%
29) Benzene-d6	8.28	84	486462	22.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.88%
33) 1,2-Dichloropropane-d6	9.28	67	139553	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.68%
37) Toluene-d8	10.33	98	458802	23.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.04%
38) trans-1,3-Dichloropropene-	10.58	79	54753	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.28%
39) 2-Hexanone-d5	10.93	63	44324	55.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113753	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	175486	24.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.48%

Target Compounds

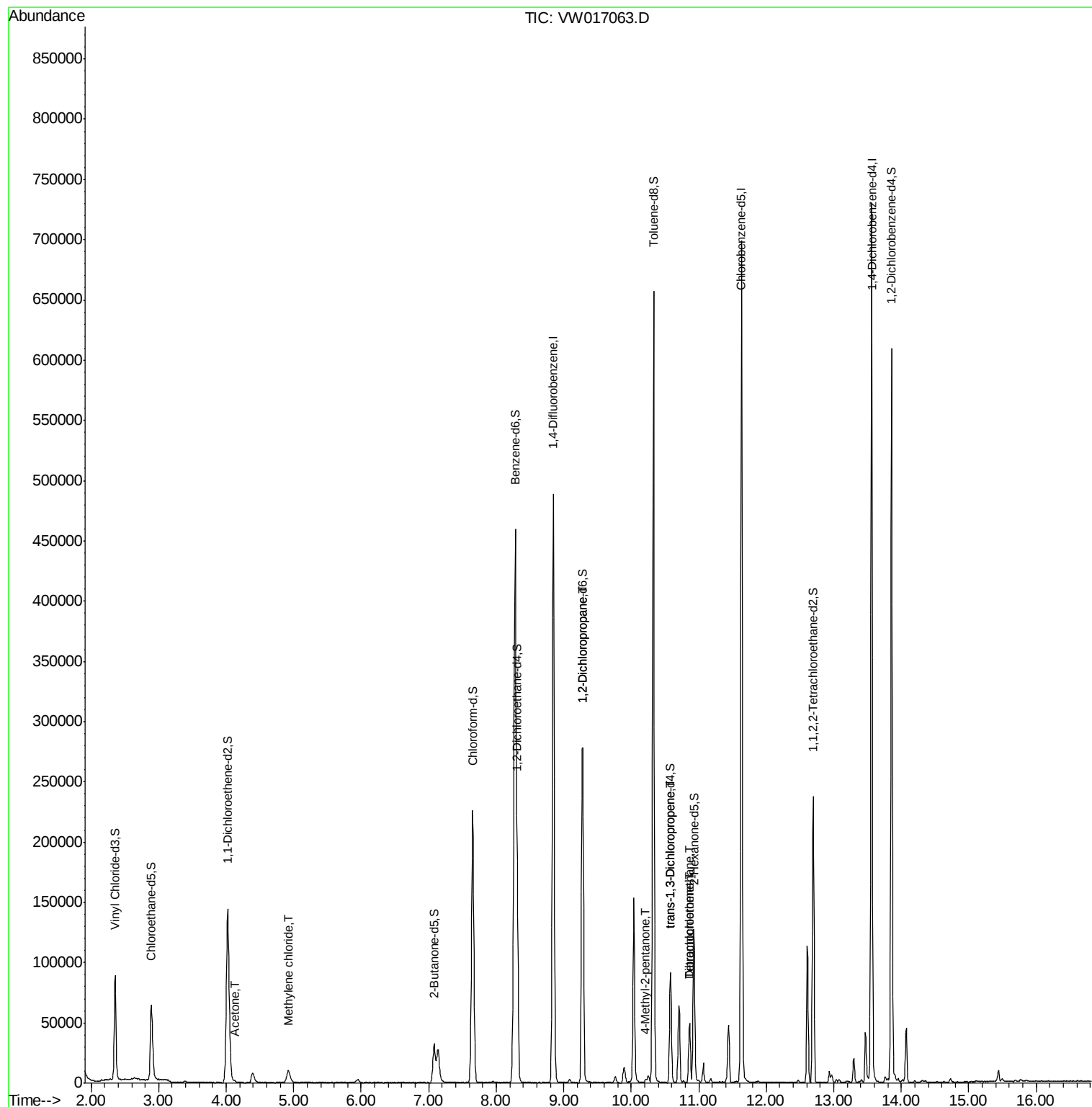
					Ovalue
13) Acetone	4.13	43	1028	1.571 ug/L	72
16) Methylene chloride	4.92	84	4965	0.840 ug/L	91
40) 1,2-Dichloropropane	9.27	63	15059	2.961 ug/L #	84
43) 4-Methyl-2-pentanone	10.21	43	1904	0.790 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	2473	0.375 ug/L	96
47) Tetrachloroethene	10.87	164	11845	2.042 ug/L	93
50) Dibromochloromethane	10.87	129	10390	2.095 ug/L #	10

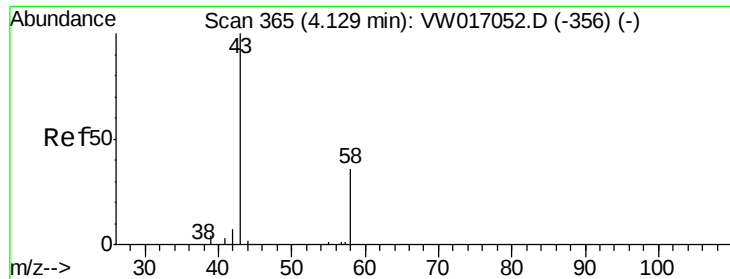
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.571 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017063.D

Acq: 03 Nov 2020 16:43

Instrument :

MSVOA_W

ClientSampleId :

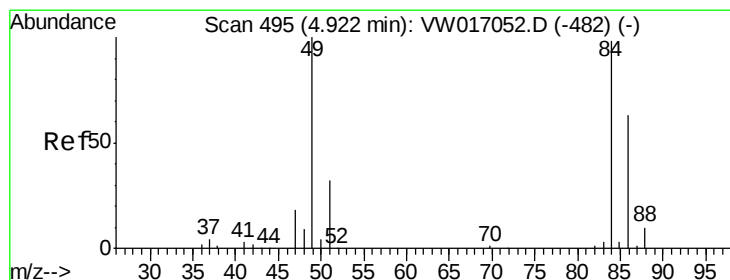
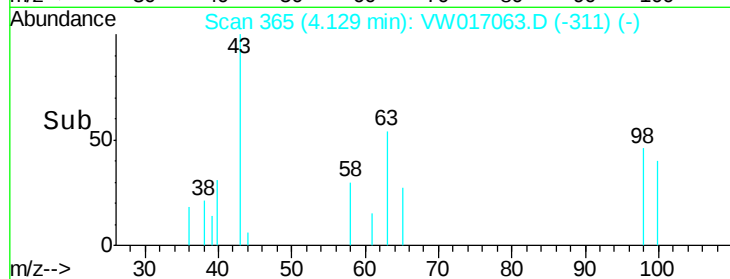
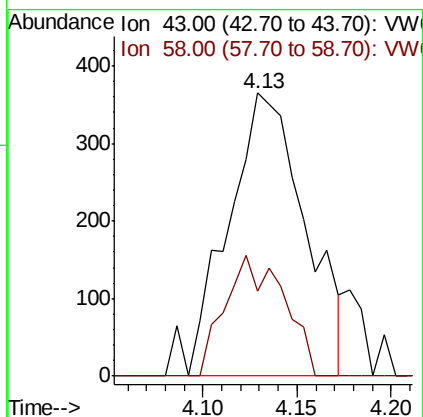
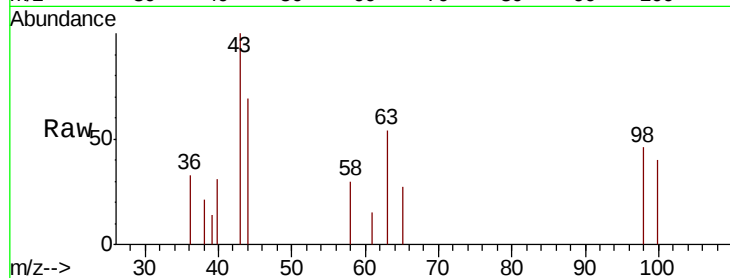
VIBLK30

Tot Ion: 43 Resp: 1028

Ion Ratio Lower Upper

43 100

58 18.9 0.0 69.8



#16

Methylene chloride

Concen: 0.840 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017063.D

Acq: 03 Nov 2020 16:43

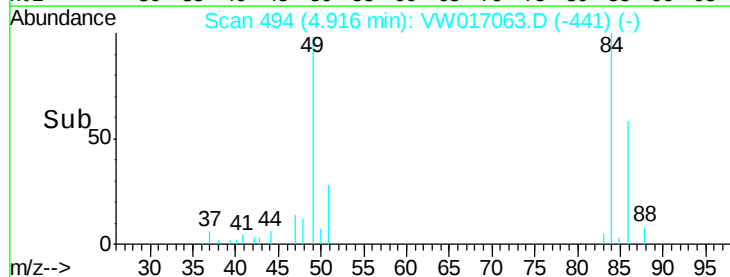
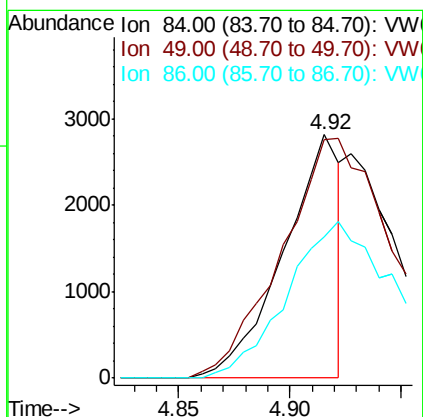
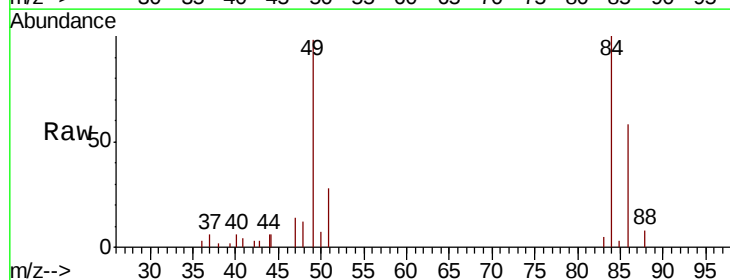
Tgt Ion: 84 Resp: 4965

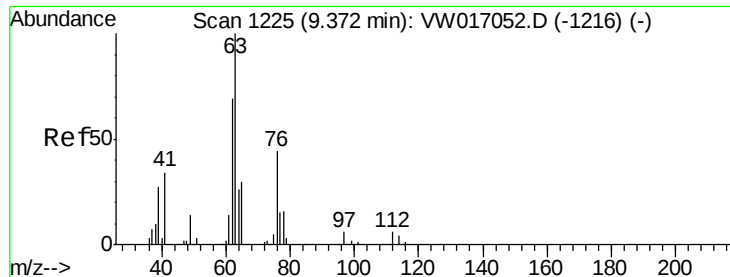
Ion Ratio Lower Upper

84 100

49 98.1 73.8 137.0

86 57.8 47.4 88.0





#40

1,2-Dichloropropane

Concen: 2.961 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017063.D

Acq: 03 Nov 2020 16:43

Instrument :

MSVOA_W

ClientSampleId :

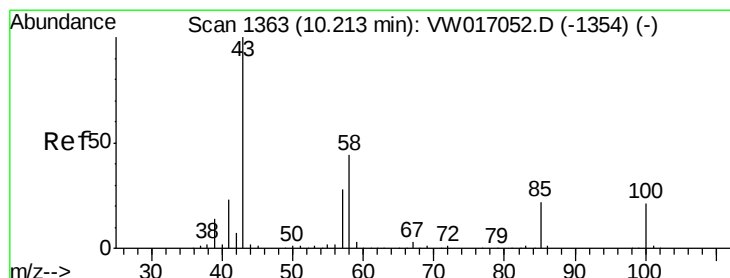
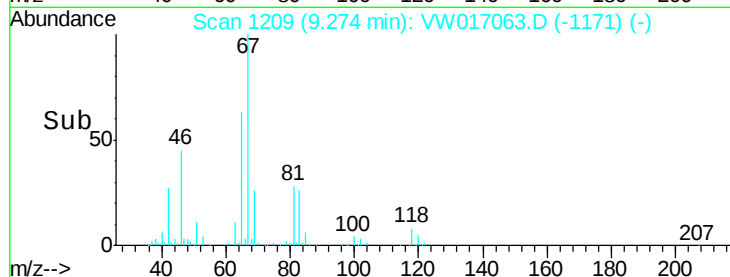
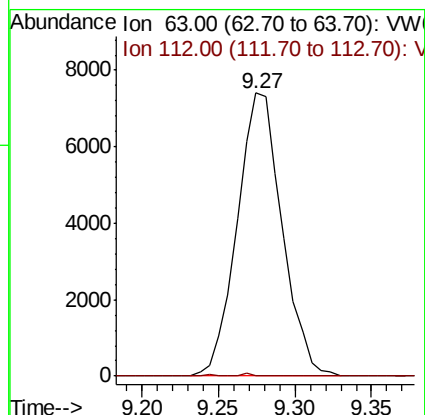
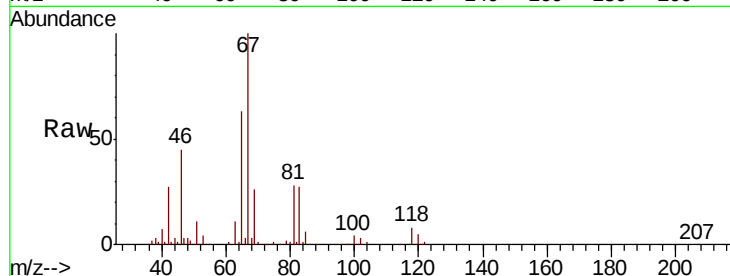
VIBLK30

Tot Ion: 63 Resp: 15059

Ion Ratio Lower Upper

63 100

112 0.4 4.5 6.7#



#43

4-Methyl-2-pentanone

Concen: 0.790 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017063.D

Acq: 03 Nov 2020 16:43

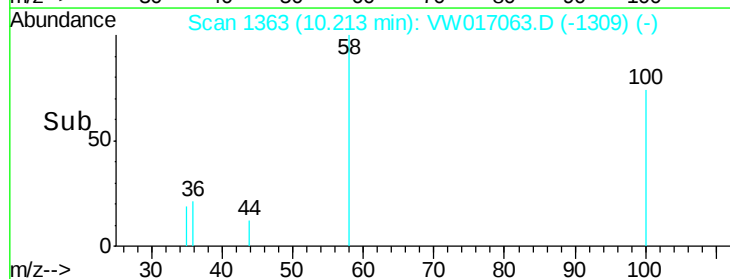
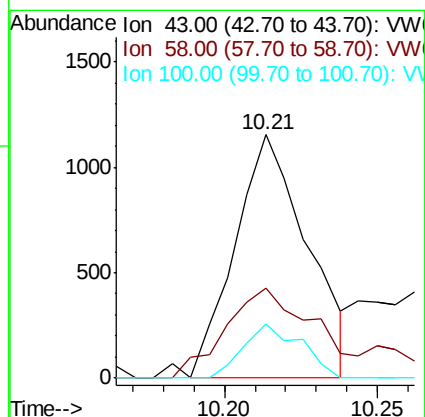
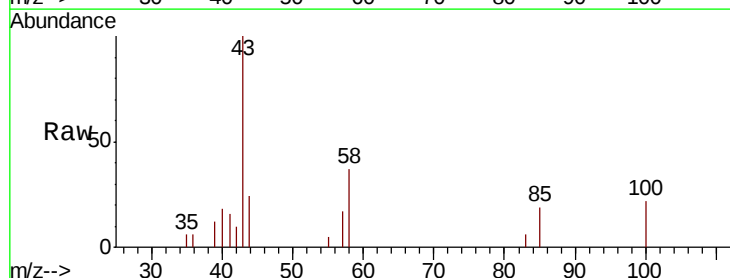
Tgt Ion: 43 Resp: 1904

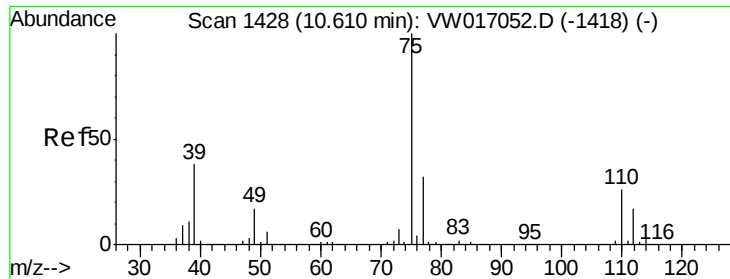
Ion Ratio Lower Upper

43 100

58 45.1 34.4 51.6

100 17.5 16.2 24.2





#45

trans-1,3-Dichloropropene

Concen: 0.375 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017063.D

Acq: 03 Nov 2020 16:43

Instrument :

MSVOA_W

ClientSampled :

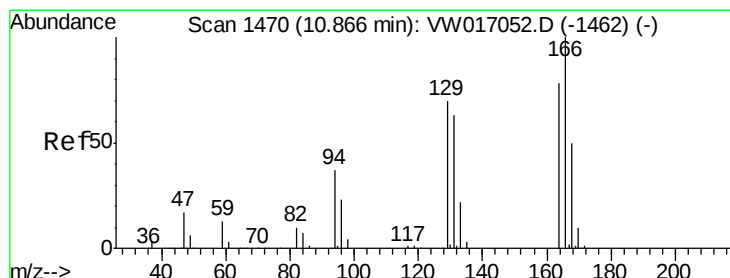
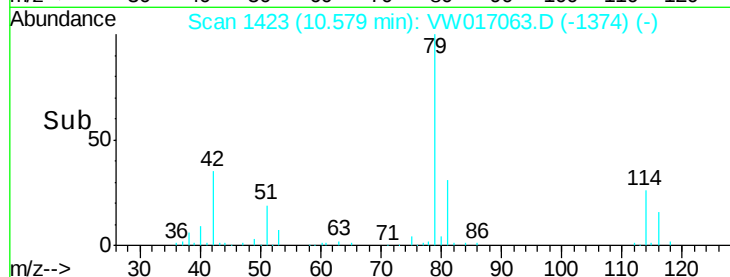
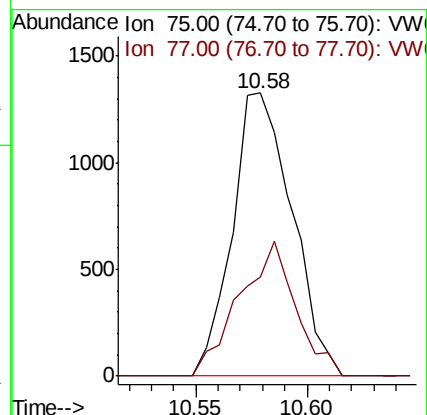
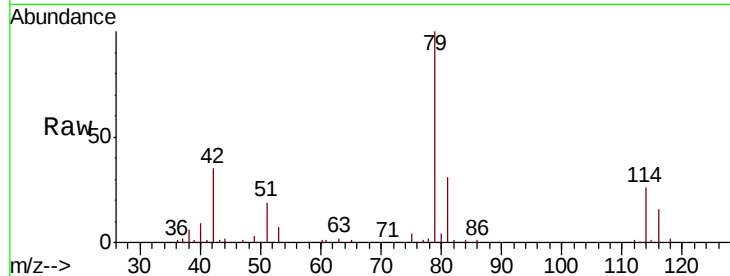
VIBLK30

Tot Ion: 75 Resp: 2473

Ion Ratio Lower Upper

75 100

77 34.8 22.7 42.3



#47

Tetrachloroethene

Concen: 2.042 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017063.D

Acq: 03 Nov 2020 16:43

Tgt Ion: 164 Resp: 11845

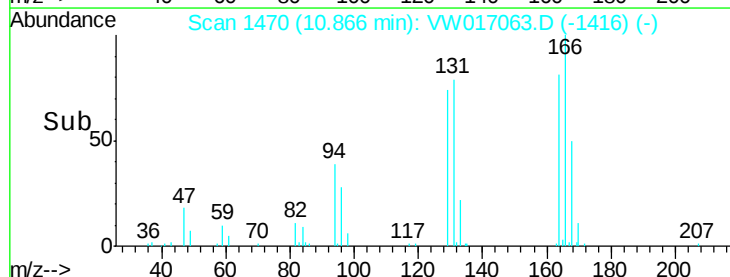
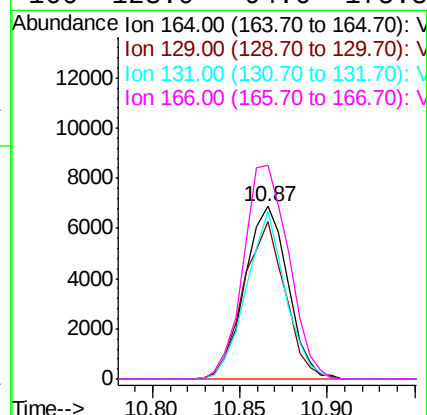
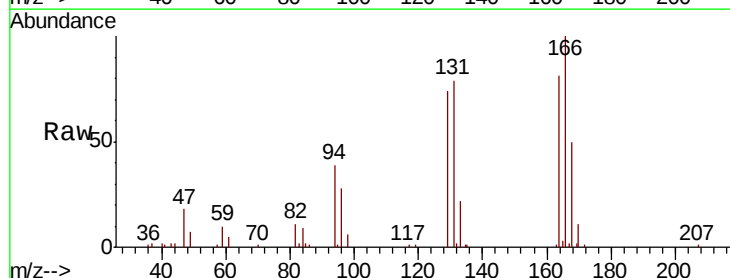
Ion Ratio Lower Upper

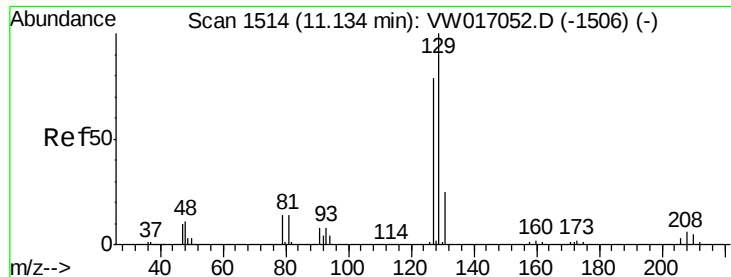
164 100

129 91.6 64.0 119.0

131 97.4 61.7 114.5

166 123.9 94.6 175.8





#50
 Dibromochloromethane
 Concen: 2.095 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW017063.D
 Acq: 03 Nov 2020 16:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK30

Tot Ion:129 Resp: 10390
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 102.8#

