

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017162.D
 Acq On : 11 Nov 2020 14:38
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK23

Quant Time: Nov 12 03:16:13 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	8.84	114	407741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379305	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175689	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132072	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.88%
7) Chloroethane-d5	2.89	69	110089	27.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.28%
10) 1,1-Dichloroethene-d2	4.02	63	174520	19.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.00%
20) 2-Butanone-d5	7.09	46	55769	48.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.12%
24) Chloroform-d	7.65	84	258645	27.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.68%
26) 1,2-Dichloroethane-d4	8.31	65	133950	28.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.24%
29) Benzene-d6	8.27	84	510322	26.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.68%
33) 1,2-Dichloropropane-d6	9.27	67	142765	26.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.88%
37) Toluene-d8	10.32	98	469901	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.20%
38) trans-1,3-Dichloropropene-	10.58	79	57773	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.93	63	44017	47.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121156	26.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	172843	27.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.68%

Target Compounds

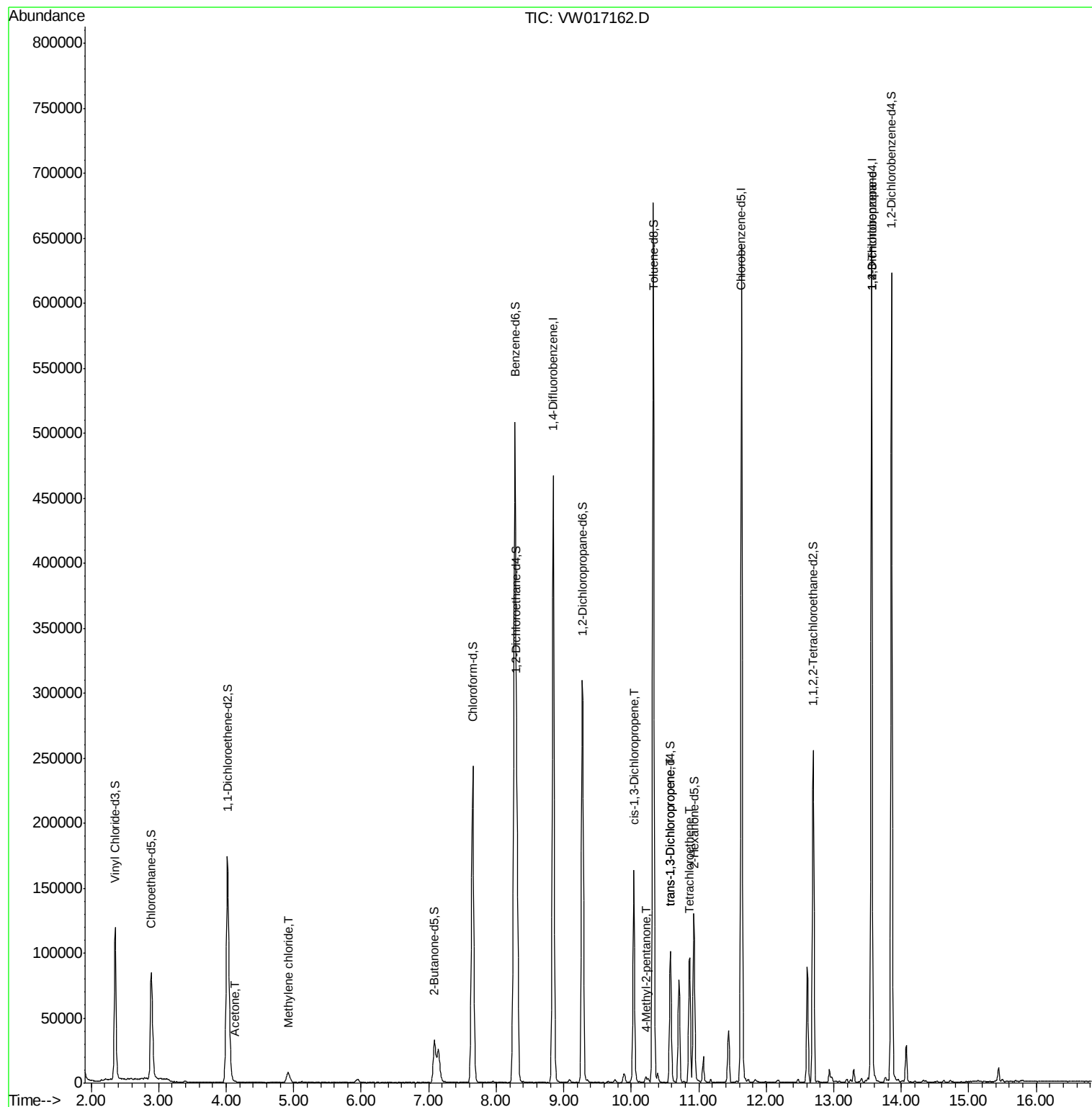
				Ovalue
13) Acetone	4.13	43	227	0.295 ug/L # 40
16) Methylene chloride	4.92	84	6536	1.189 ug/L 90
42) cis-1,3-Dichloropropene	10.04	75	4539	0.615 ug/L # 66
43) 4-Methyl-2-pentanone	10.22	43	3336	1.161 ug/L # 81
45) trans-1,3-Dichloropropene	10.58	75	2815	0.444 ug/L 84
47) Tetrachloroethene	10.87	164	23673	4.703 ug/L 95
59) 1,2,3-Trichloropropane	13.56	75	18258	5.477 ug/L 92

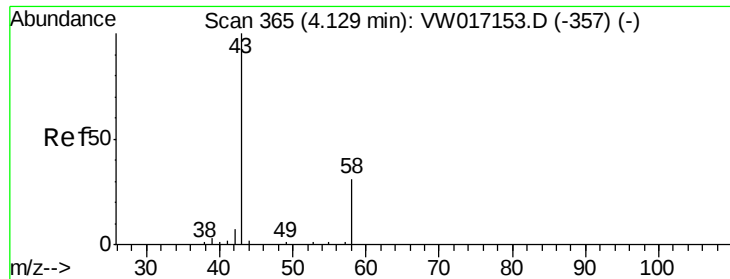
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 0.295 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017162.D

Acq: 11 Nov 2020 14:38

Instrument :

MSVOA_W

ClientSampled :

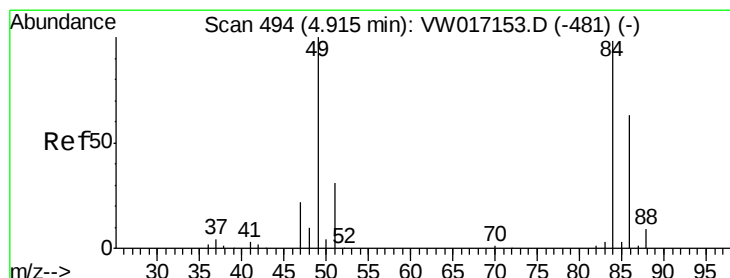
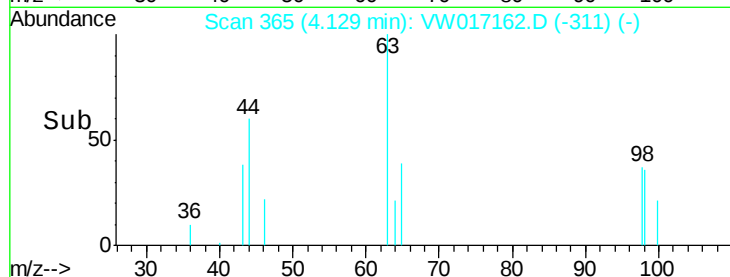
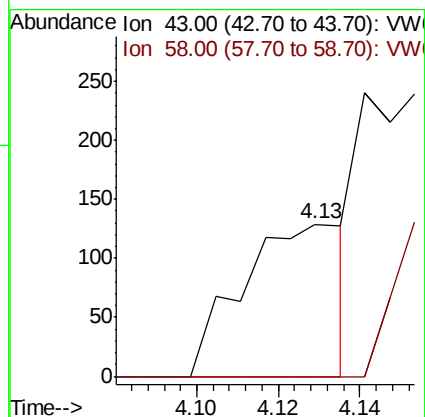
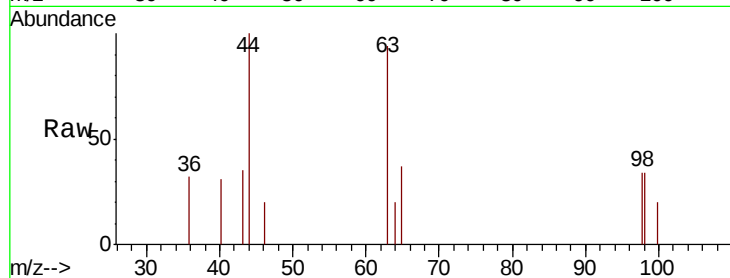
VIBLK23

Tot Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

58 0.0 0.0 69.2



#16

Methylene chloride

Concen: 1.189 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW017162.D

Acq: 11 Nov 2020 14:38

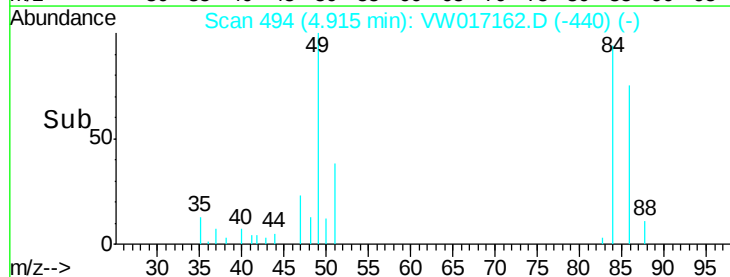
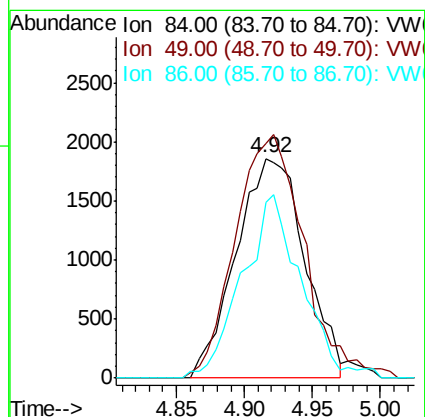
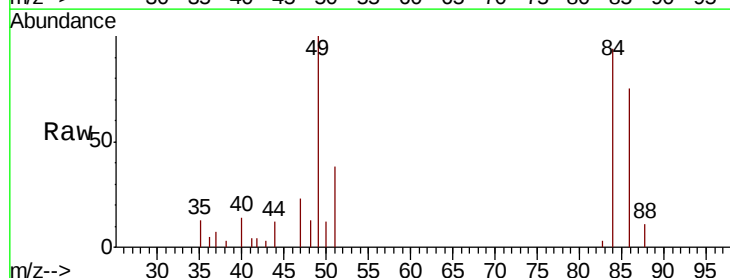
Tgt Ion: 84 Resp: 6536

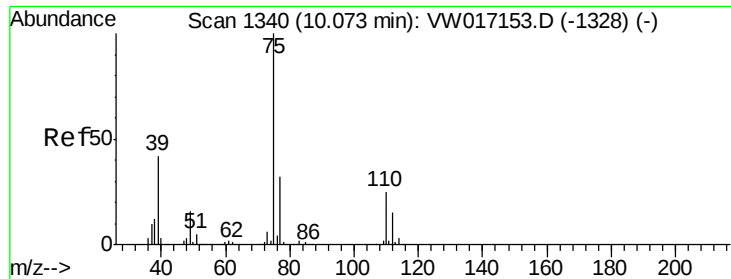
Ion Ratio Lower Upper

84 100

49 106.6 72.3 134.3

86 80.2 45.1 83.7





#42

cis-1,3-Dichloropropene

Concen: 0.615 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017162.D

Acq: 11 Nov 2020 14:38

Instrument :

MSVOA_W

ClientSampled :

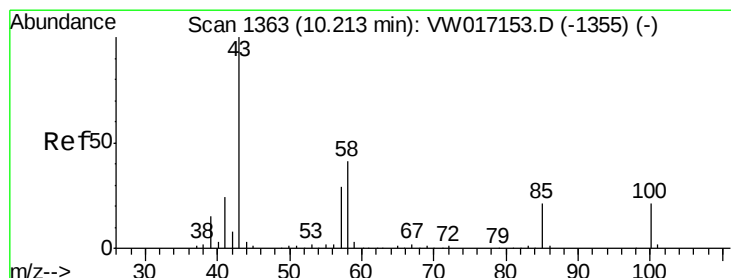
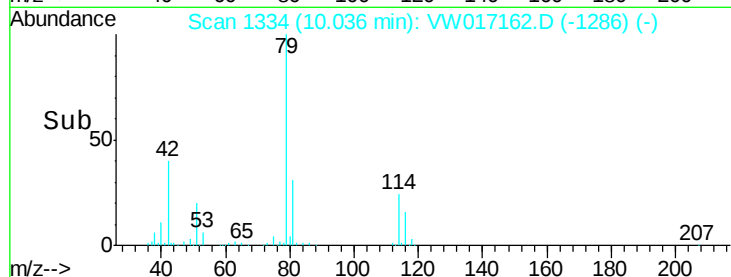
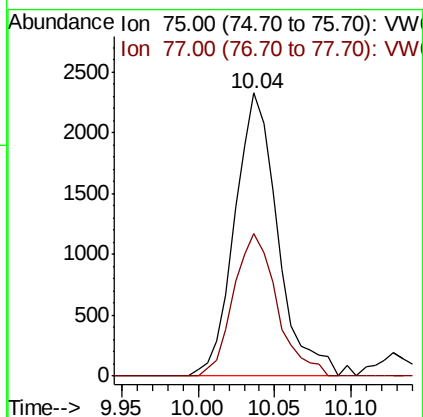
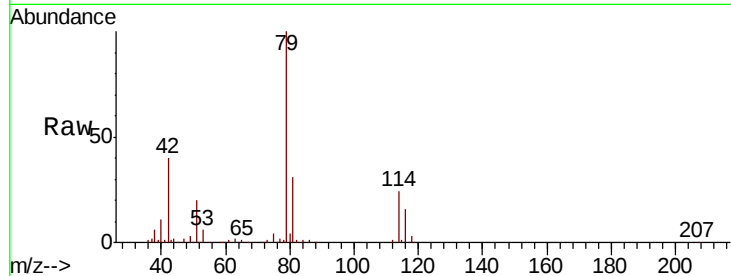
VIBLK23

Tot Ion: 75 Resp: 4539

Ion Ratio Lower Upper

75 100

77 50.5 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 1.161 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017162.D

Acq: 11 Nov 2020 14:38

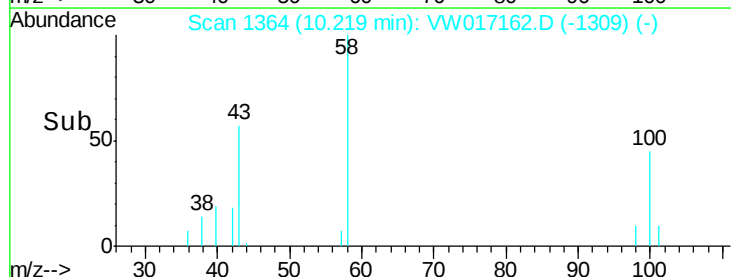
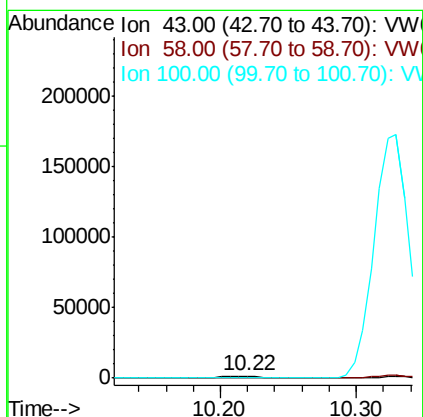
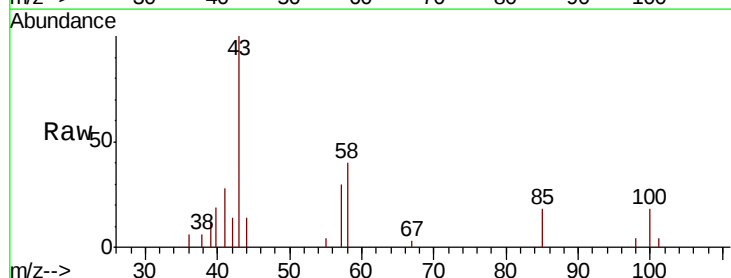
Tgt Ion: 43 Resp: 3336

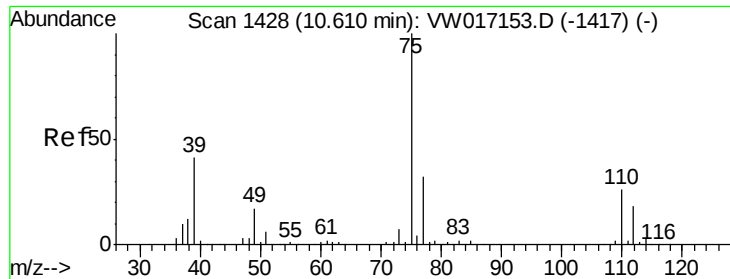
Ion Ratio Lower Upper

43 100

58 34.7 35.0 52.6#

100 7.0 16.6 24.8#





#45

trans-1,3-Dichloropropene

Concen: 0.444 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017162.D

Acq: 11 Nov 2020 14:38

Instrument :

MSVOA_W

ClientSampleId :

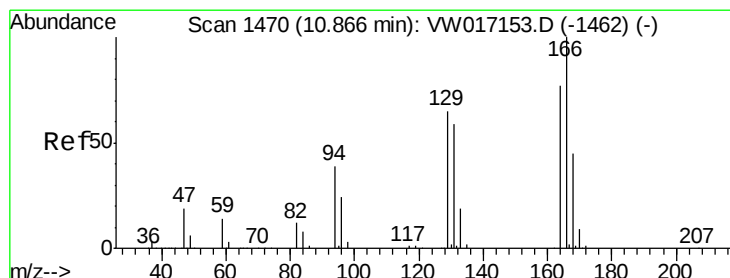
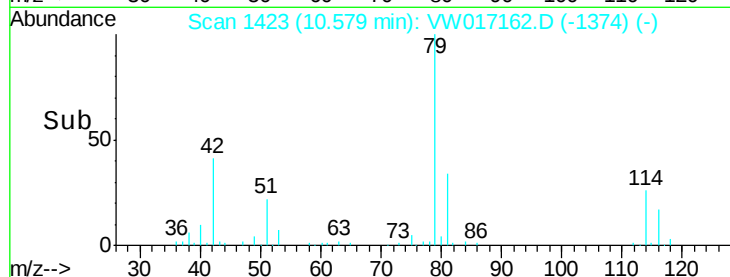
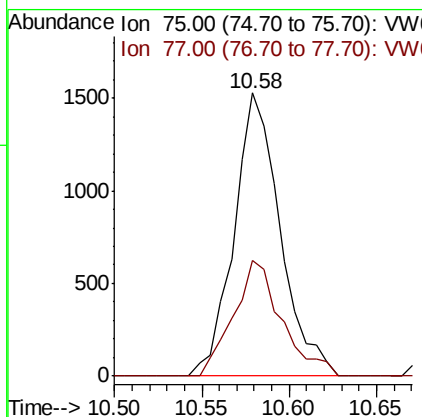
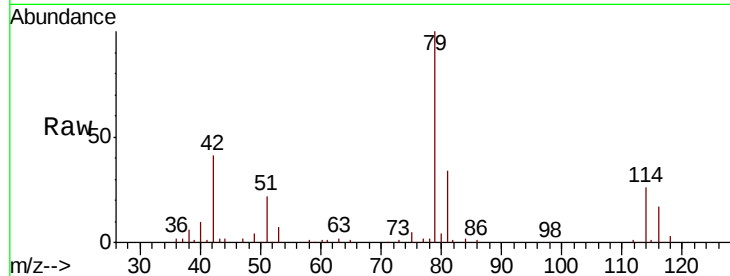
VIBLK23

Tot Ion: 75 Resp: 2815

Ion Ratio Lower Upper

75 100

77 40.7 22.1 41.1



#47

Tetrachloroethene

Concen: 4.703 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017162.D

Acq: 11 Nov 2020 14:38

Tgt Ion: 164 Resp: 23673

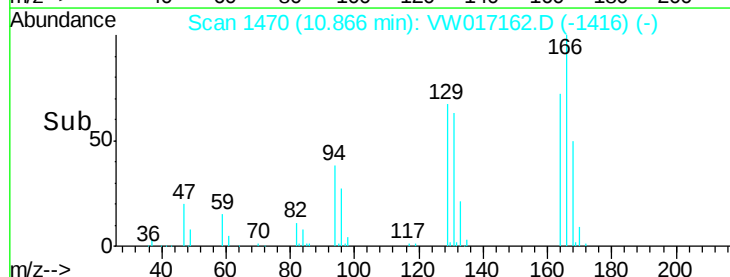
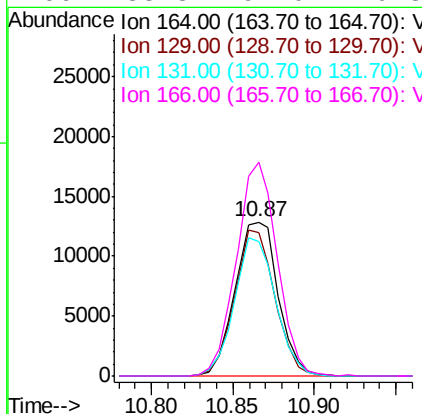
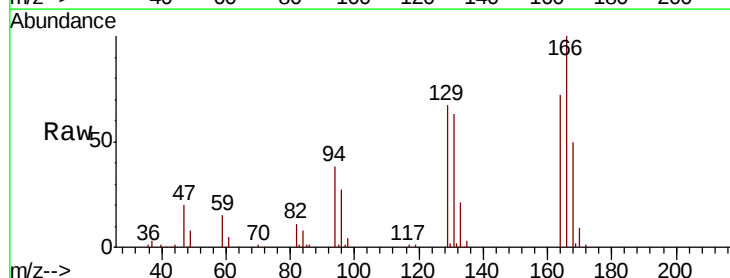
Ion Ratio Lower Upper

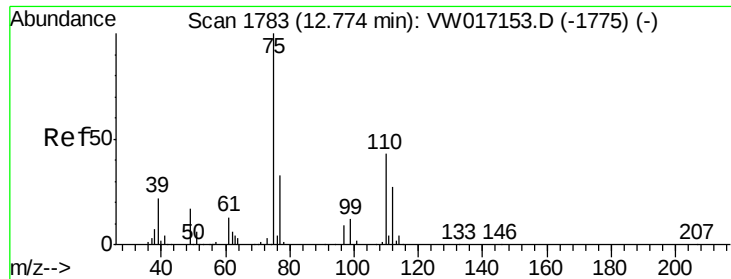
164 100

129 92.9 62.9 116.7

131 87.1 63.3 117.5

166 138.8 92.0 170.8





#59

1,2,3-Trichloropropane

Concen: 5.477 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017162.D

Acq: 11 Nov 2020 14:38

Instrument :

MSVOA_W

ClientSampleId :

VIBLK23

Tot Ion: 75 Resp: 18258

Ion Ratio Lower Upper

75 100

77 37.6 26.4 39.6

