

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017080.D
 Acq On : 04 Nov 2020 18:04
 Operator : SY/VA
 Sample : VW1104SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK23

Quant Time: Nov 05 06:31:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 16:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	542143	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	495240	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241873	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	179545	26.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.16%
7) Chloroethane-d5	2.89	69	136401	25.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.68%
10) 1,1-Dichloroethene-d2	4.02	63	234977	19.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.96%
20) 2-Butanone-d5	7.07	46	83011	54.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.72%
24) Chloroform-d	7.65	84	323980	25.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	8.31	65	170016	27.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.08%
29) Benzene-d6	8.27	84	678308	26.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.60%
33) 1,2-Dichloropropane-d6	9.27	67	186020	26.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.68%
37) Toluene-d8	10.32	98	631018	26.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.16%
38) trans-1,3-Dichloropropene-	10.58	79	83056	26.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.64%
39) 2-Hexanone-d5	10.93	63	68902	56.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	163266	26.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	235649	27.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.60%

Target Compounds

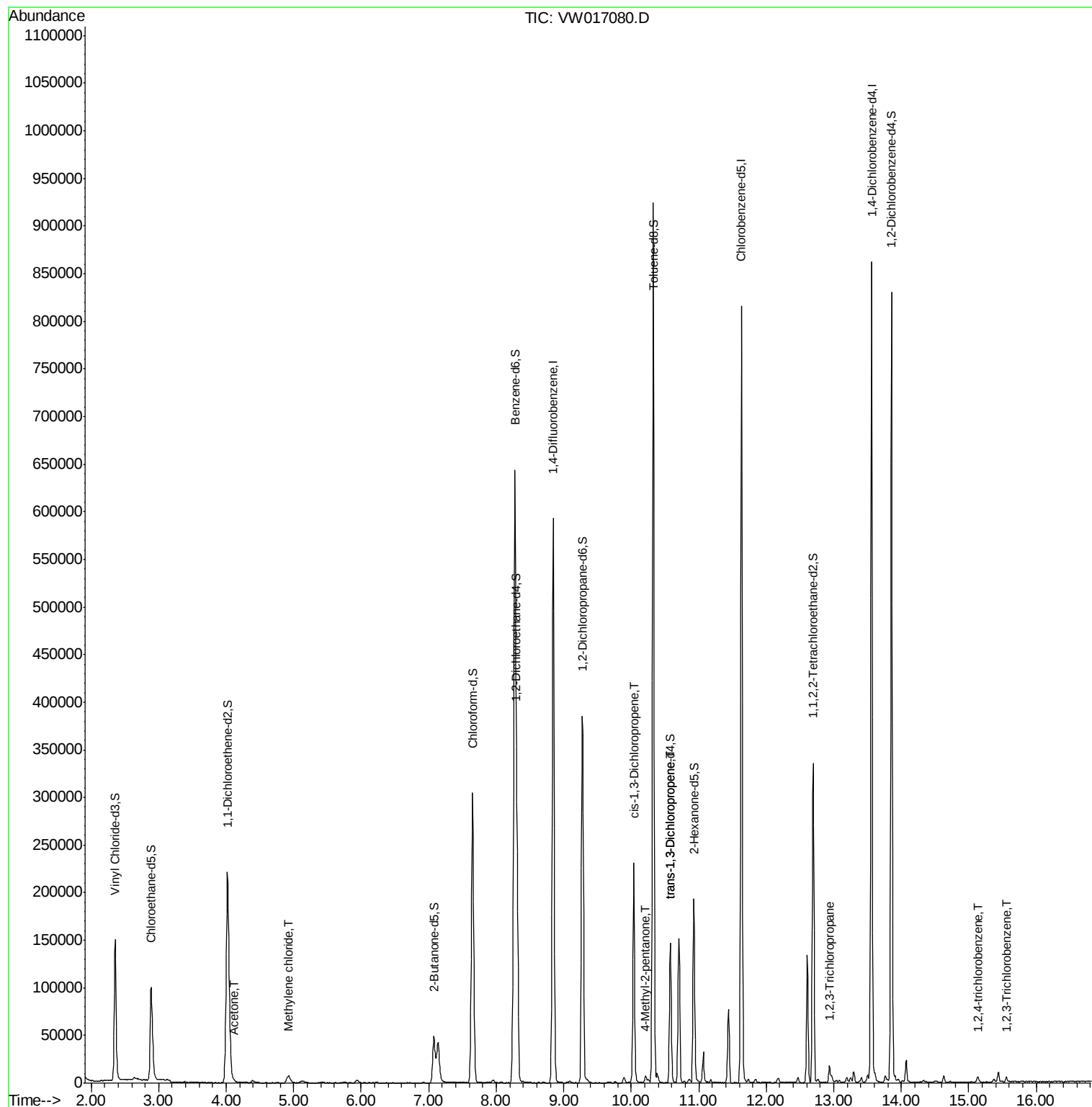
					Ovalue
13) Acetone	4.12	43	642	0.628 ug/L	77
16) Methylene chloride	4.92	84	6911	0.946 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	6043	0.628 ug/L #	52
43) 4-Methyl-2-pentanone	10.21	43	5230	1.394 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	3642	0.440 ug/L #	82
59) 1,2,3-Trichloropropane	12.93	75	1193	0.274 ug/L	89
68) 1,2,4-trichlorobenzene	15.14	180	2030	0.229 ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	2093	0.259 ug/L	97

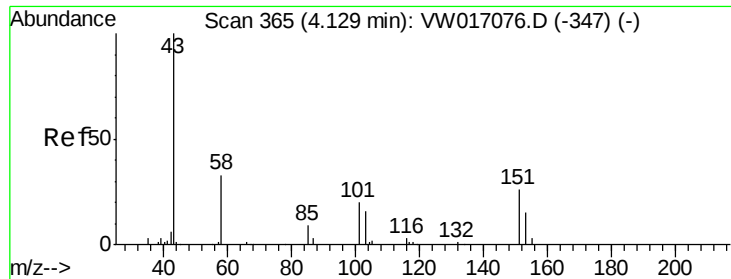
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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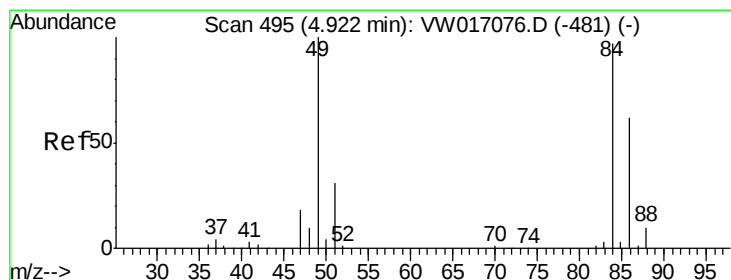
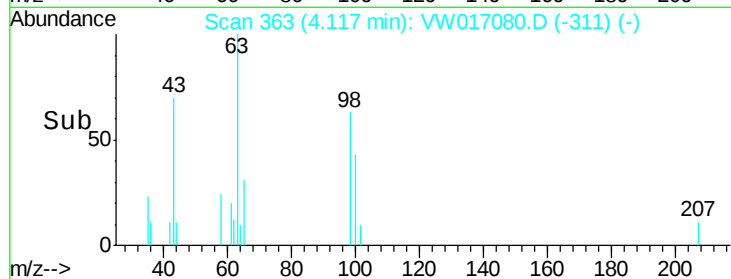
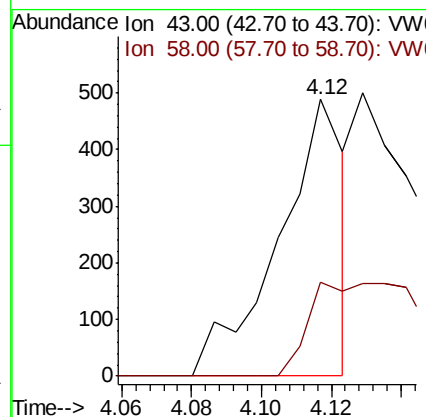
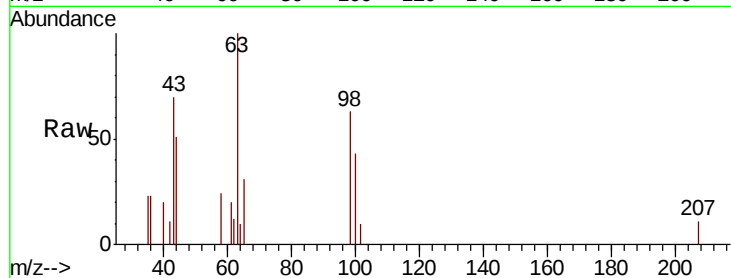




#13
Acetone
Concen: 0.628 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW017080.D
Acq: 04 Nov 2020 18:04

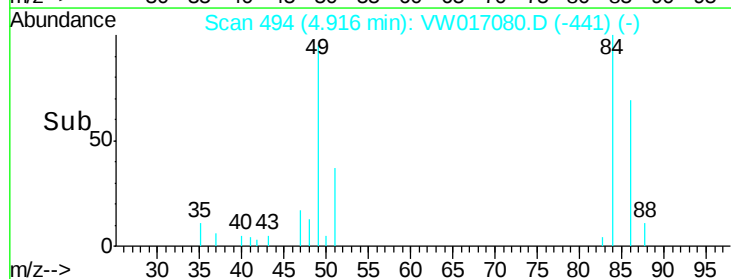
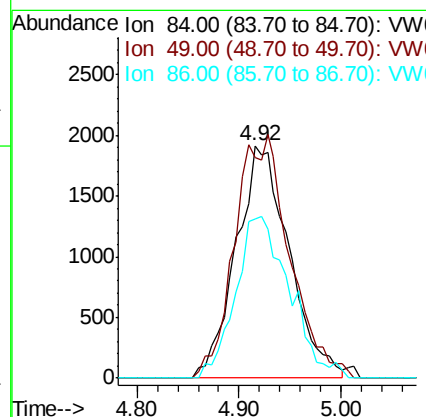
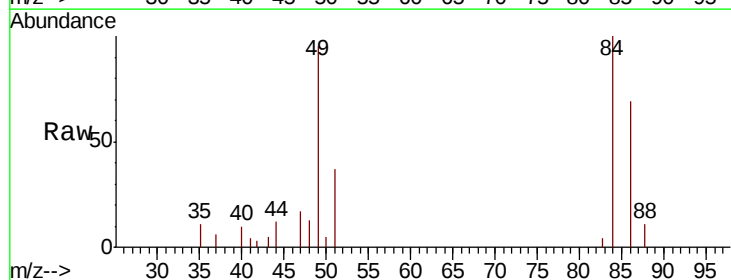
Instrument :
MSVOA_W
ClientSampled :
VBLK23

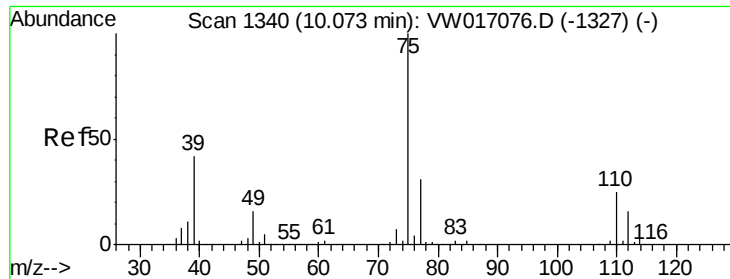
Tot Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
58 21.2 0.0 69.2



#16
Methylene chloride
Concen: 0.946 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017080.D
Acq: 04 Nov 2020 18:04

Tgt Ion: 84 Resp: 6911
Ion Ratio Lower Upper
84 100
49 94.7 72.3 134.3
86 68.8 45.1 83.7





#42

cis-1,3-Dichloropropene

Concen: 0.628 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017080.D

Acq: 04 Nov 2020 18:04

Instrument :

MSVOA_W

ClientSampleId :

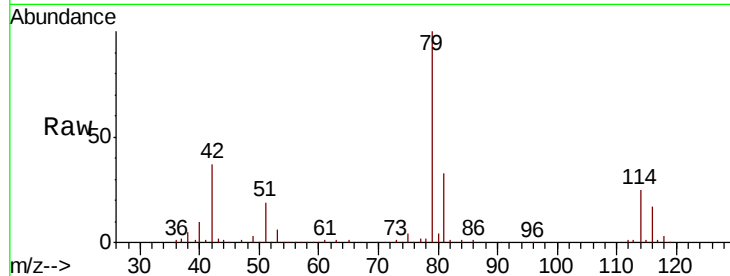
VBLK23

Tot Ion: 75 Resp: 6043

Ion Ratio Lower Upper

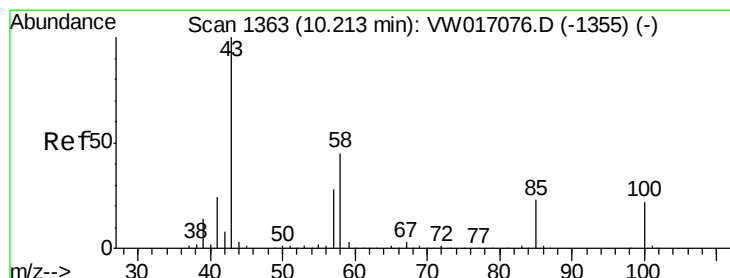
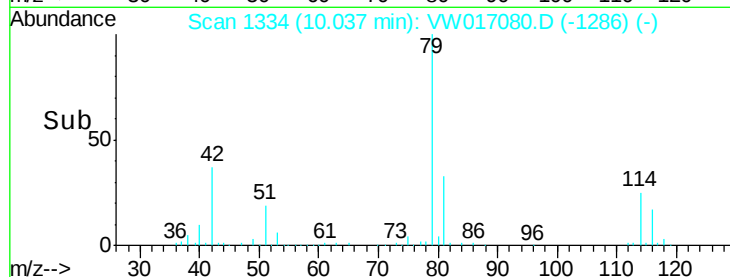
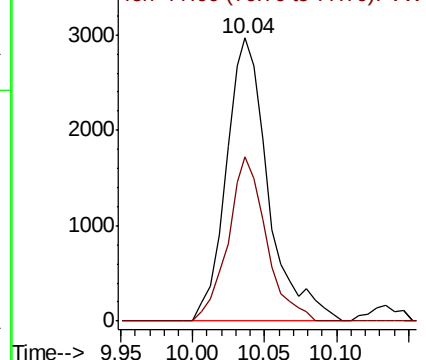
75 100

77 57.9 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#43

4-Methyl-2-pentanone

Concen: 1.394 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017080.D

Acq: 04 Nov 2020 18:04

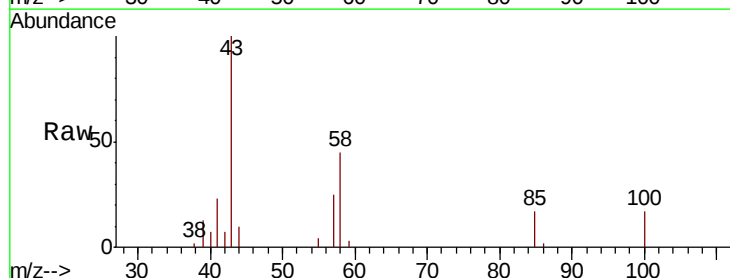
Tgt Ion: 43 Resp: 5230

Ion Ratio Lower Upper

43 100

58 41.1 35.0 52.6

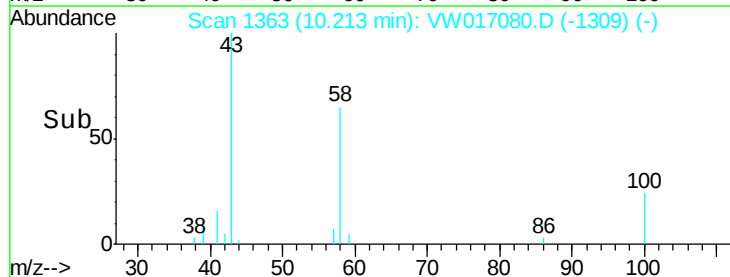
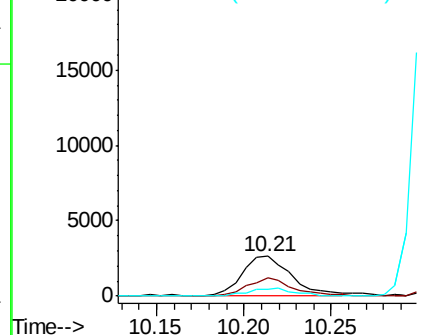
100 17.6 16.6 24.8

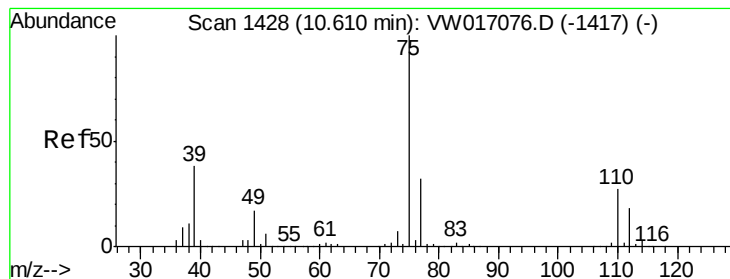


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.440 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017080.D

Acq: 04 Nov 2020 18:04

Instrument :

MSVOA_W

ClientSampleId :

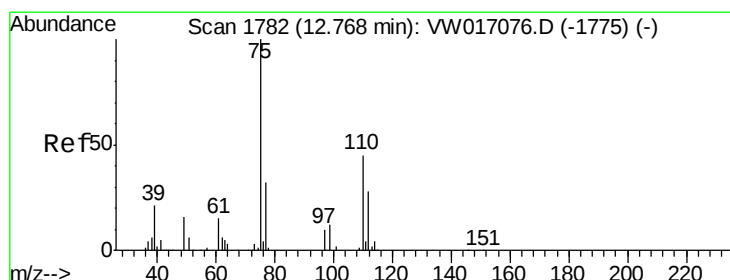
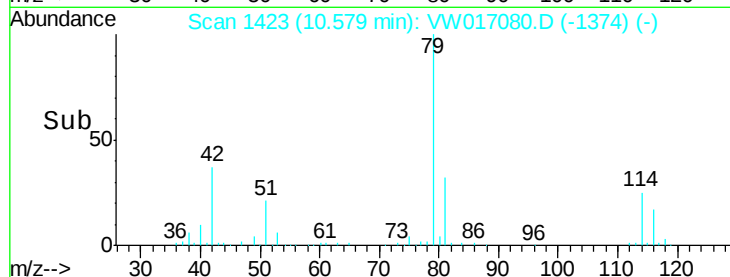
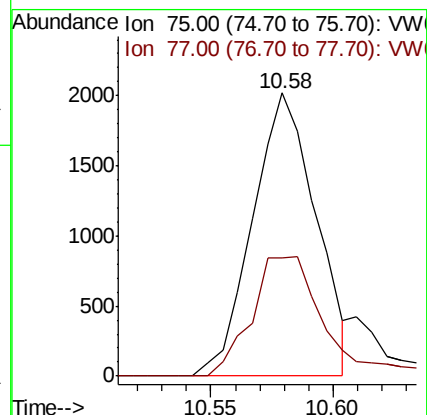
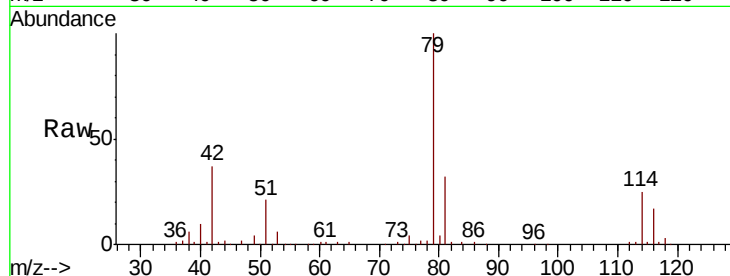
VBLK23

Tot Ion: 75 Resp: 3642

Ion Ratio Lower Upper

75 100

77 41.9 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 0.274 ug/L

RT: 12.93 min Scan# 1808

Delta R.T. 0.16 min

Lab File: VW017080.D

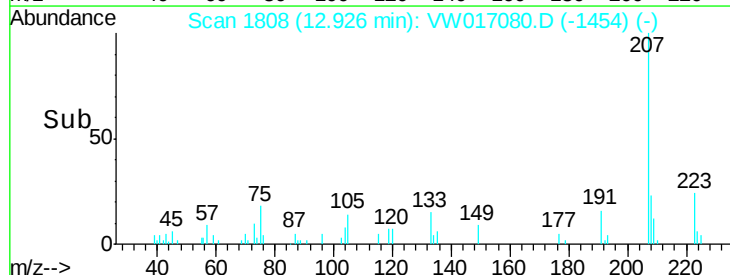
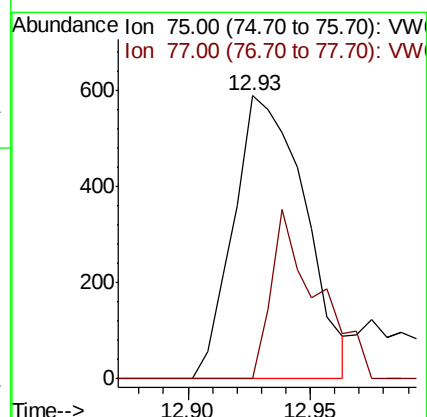
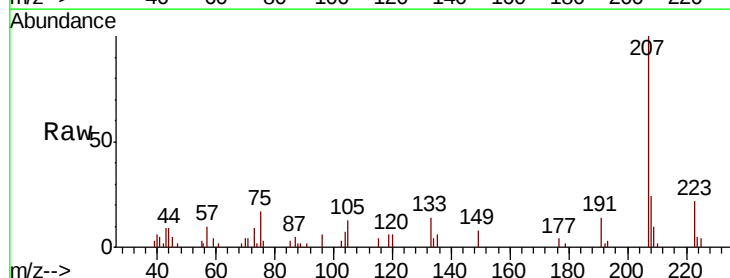
Acq: 04 Nov 2020 18:04

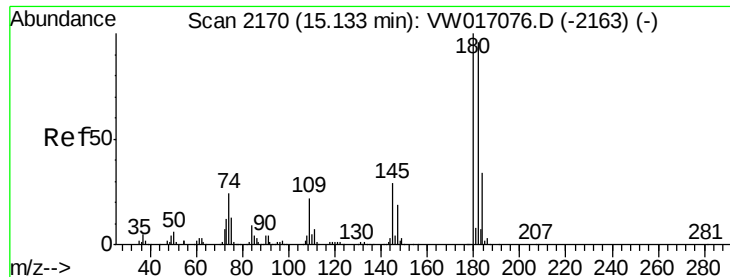
Tgt Ion: 75 Resp: 1193

Ion Ratio Lower Upper

75 100

77 39.0 26.4 39.6

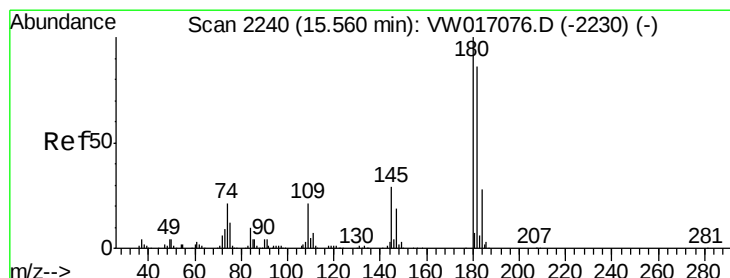
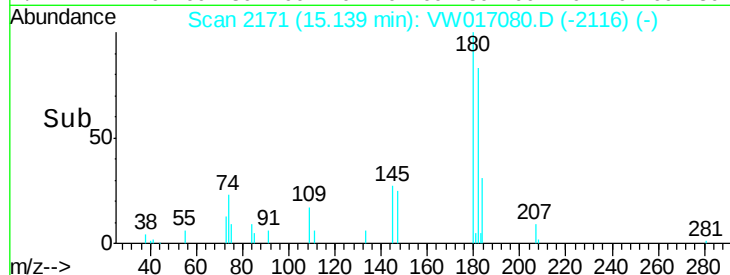
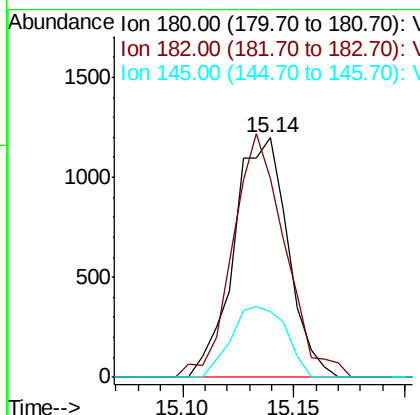
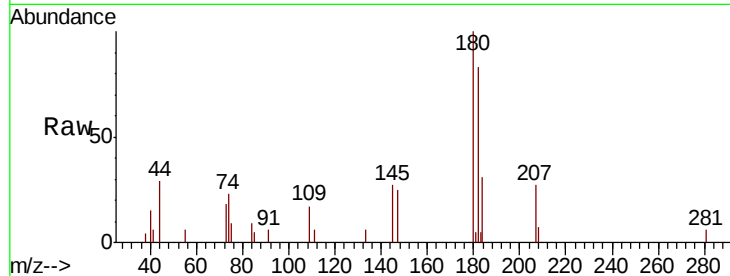




#68
 1,2,4-trichlorobenzene
 Concen: 0.229 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW017080.D
 Acq: 04 Nov 2020 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK23

Tot Ion:180 Resp: 2030
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.7 115.1
 145 30.0 23.6 35.4



#70
 1,2,3-Trichlorobenzene
 Concen: 0.259 ug/L
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW017080.D
 Acq: 04 Nov 2020 18:04

Tgt Ion:180 Resp: 2093
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.5 113.3
 145 34.0 24.5 36.7

