

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017061.D
 Acq On : 03 Nov 2020 15:56
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK29

Quant Time: Nov 04 04:11:55 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	459418	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	426727	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	202104	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95579	18.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.12%
7) Chloroethane-d5	2.89	69	84379	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
10) 1,1-Dichloroethene-d2	4.02	63	148973	14.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.76%
20) 2-Butanone-d5	7.08	46	48961	49.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.04%
24) Chloroform-d	7.65	84	237623	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.31	65	113185	22.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.80%
29) Benzene-d6	8.28	84	465507	21.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.96%
33) 1,2-Dichloropropane-d6	9.27	67	132935	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.88%
37) Toluene-d8	10.33	98	447195	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.68%
38) trans-1,3-Dichloropropene-	10.58	79	52585	20.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.76%
39) 2-Hexanone-d5	10.93	63	41387	49.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.64%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	105805	23.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	162556	22.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.52%

Target Compounds

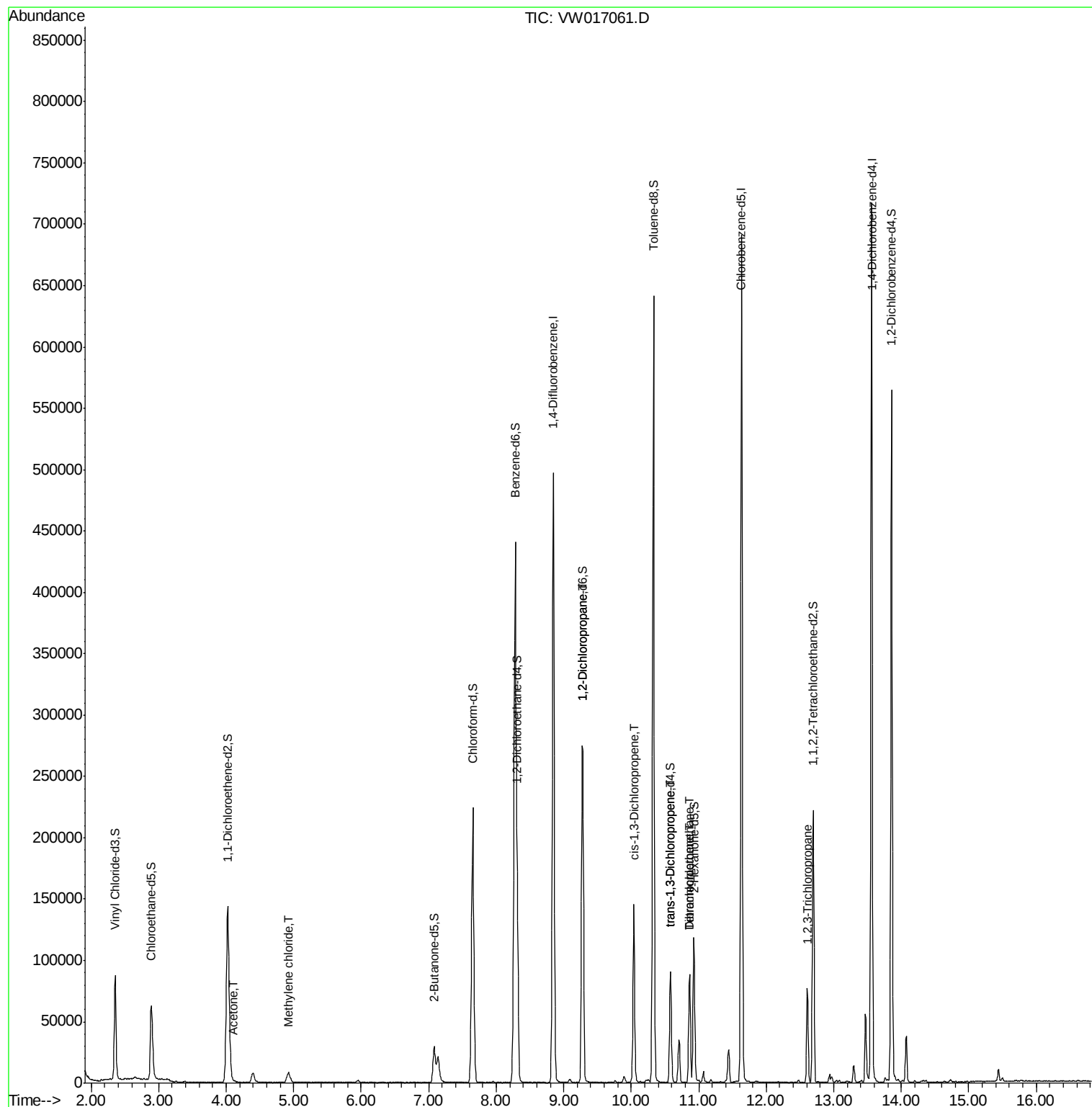
					Ovalue
13) Acetone	4.11	43	275	0.409 ug/L	89
16) Methylene chloride	4.92	84	7778	1.280 ug/L	88
40) 1,2-Dichloropropane	9.28	63	14646	2.782 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3560	0.432 ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	2233	0.327 ug/L #	80
47) Tetrachloroethene	10.87	164	21776	3.626 ug/L	92
50) Dibromochloromethane	10.87	129	19331	3.766 ug/L #	10
59) 1,2,3-Trichloropropane	12.61	75	683	0.211 ug/L	94

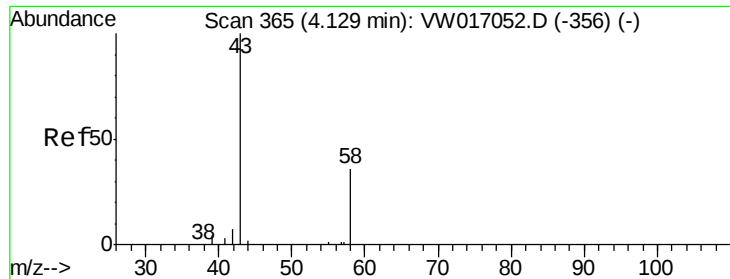
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017061.D
Acq On : 03 Nov 2020 15:56
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK29

Quant Time: Nov 04 04:11:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.409 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.02 min

Lab File: VW017061.D

Acq: 03 Nov 2020 15:56

Instrument :

MSVOA_W

ClientSampled :

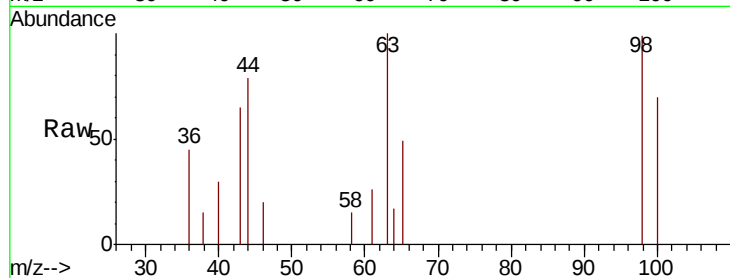
VIBLK29

Tot Ion: 43 Resp: 275

Ion Ratio Lower Upper

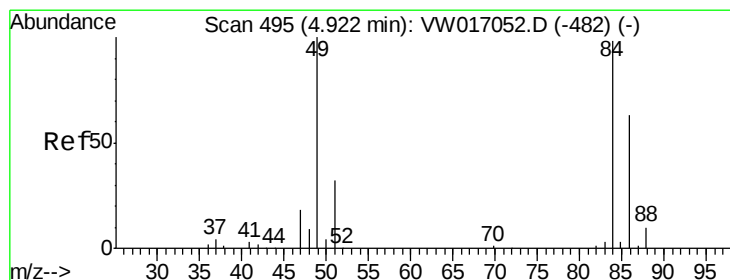
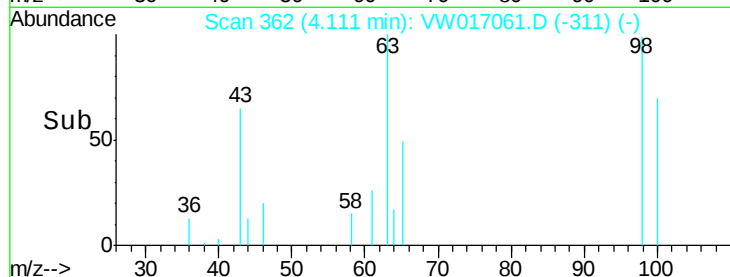
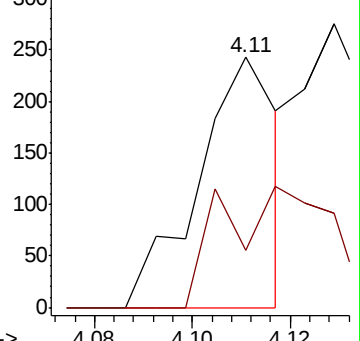
43 100

58 41.5 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.280 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017061.D

Acq: 03 Nov 2020 15:56

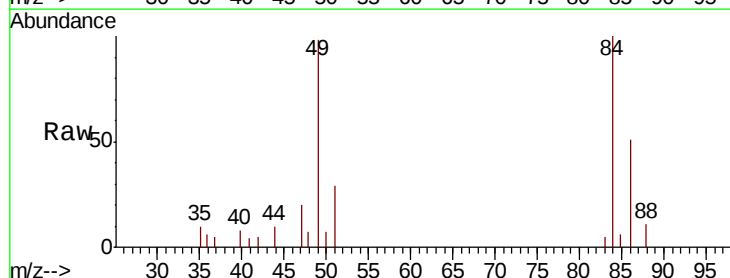
Tgt Ion: 84 Resp: 7778

Ion Ratio Lower Upper

84 100

49 98.0 73.8 137.0

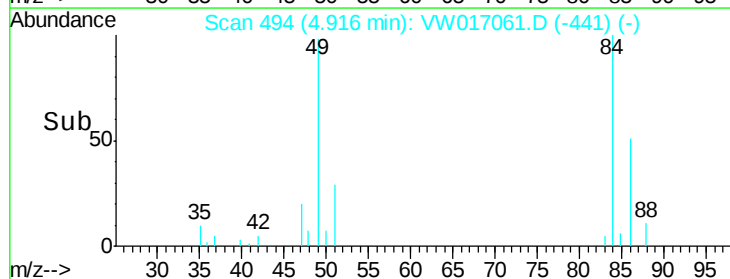
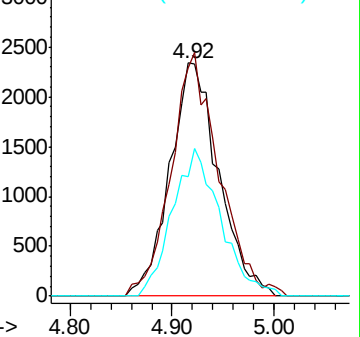
86 51.0 47.4 88.0

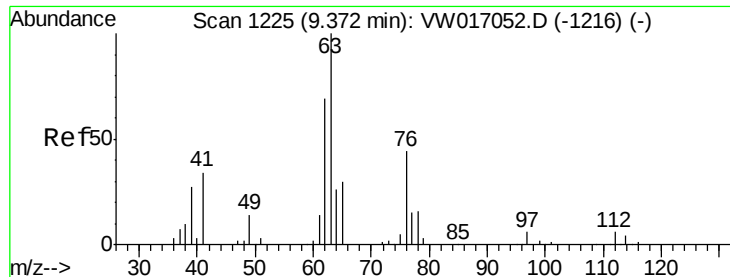


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#40

1,2-Dichloropropane

Concen: 2.782 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017061.D

Acq: 03 Nov 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

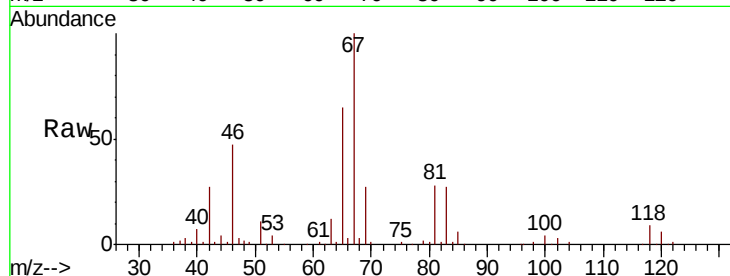
VIBLK29

Tot Ion: 63 Resp: 14646

Ion Ratio Lower Upper

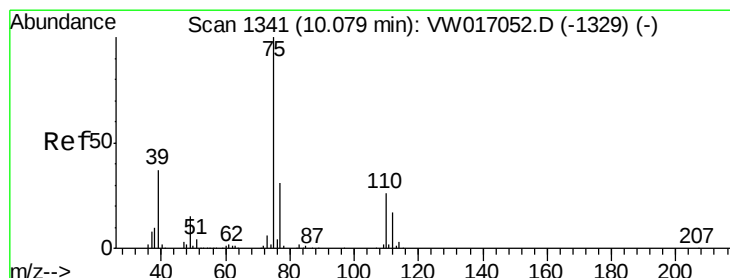
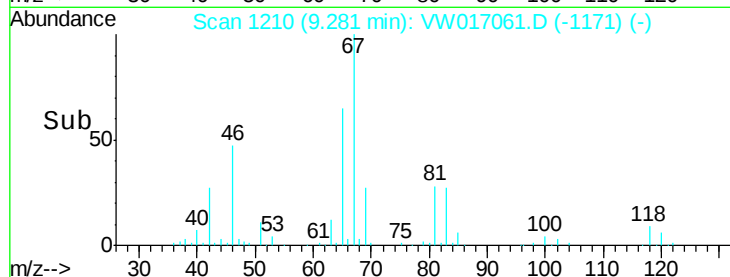
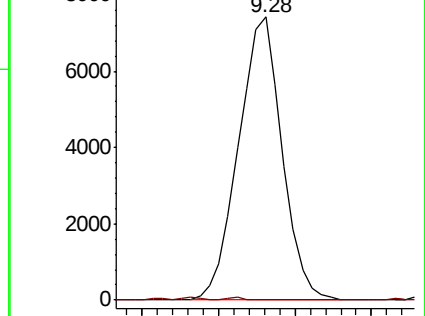
63 100

112 0.4 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.432 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017061.D

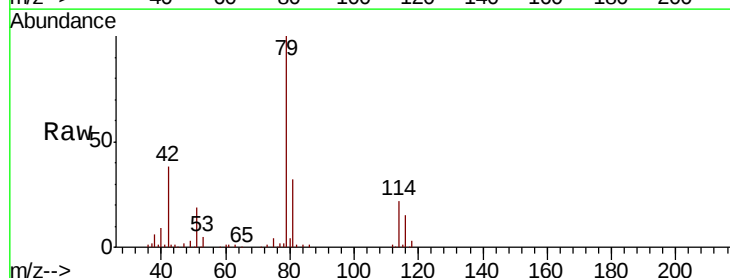
Acq: 03 Nov 2020 15:56

Tgt Ion: 75 Resp: 3560

Ion Ratio Lower Upper

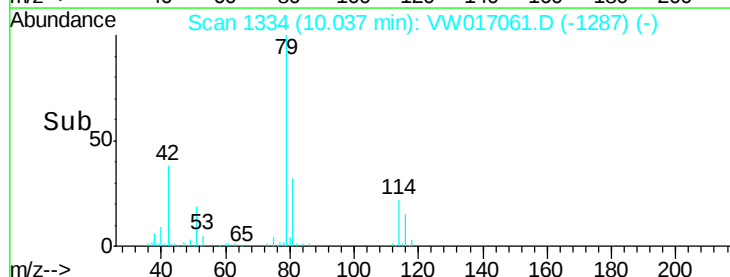
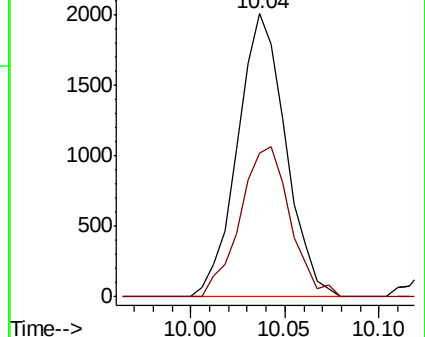
75 100

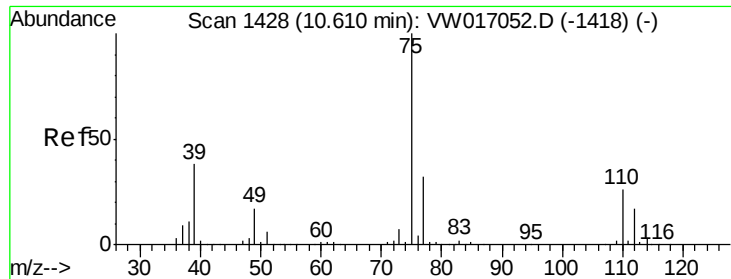
77 50.9 22.7 42.1#



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: 0.327 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017061.D

Acq: 03 Nov 2020 15:56

Instrument :

MSVOA_W

ClientSampled :

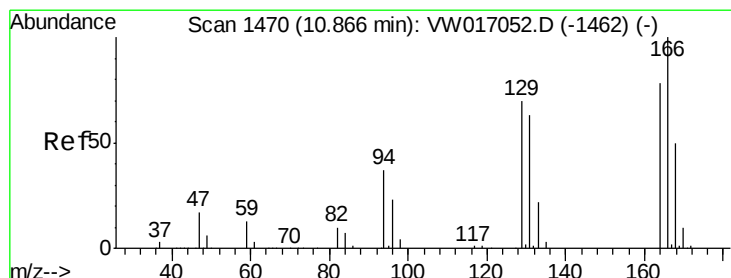
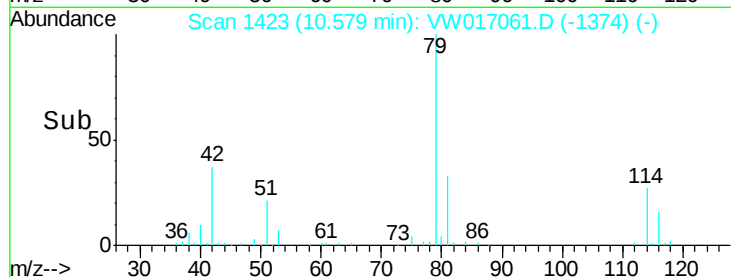
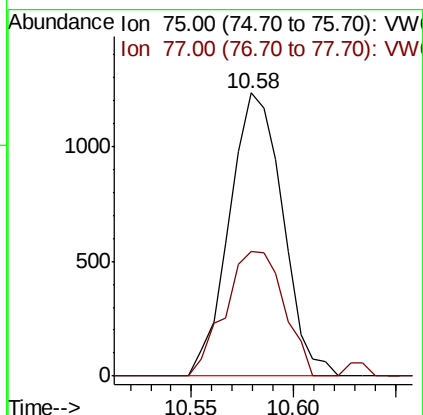
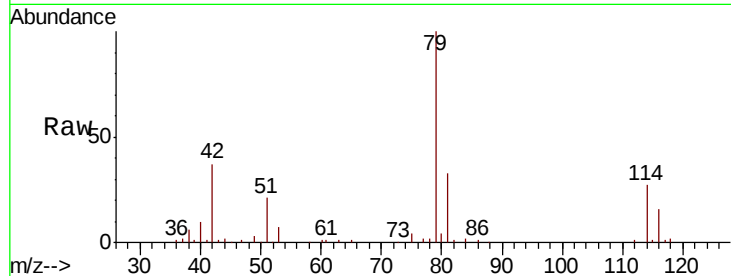
VIBLK29

Tot Ion: 75 Resp: 2233

Ion Ratio Lower Upper

75 100

77 43.8 22.7 42.3#



#47

Tetrachloroethene

Concen: 3.626 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017061.D

Acq: 03 Nov 2020 15:56

Tgt Ion: 164 Resp: 21776

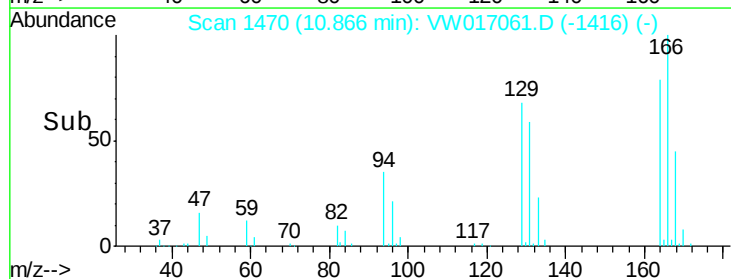
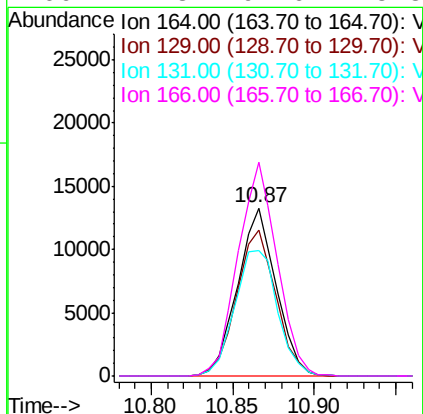
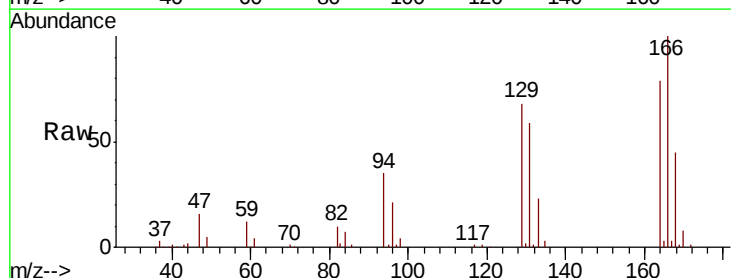
Ion Ratio Lower Upper

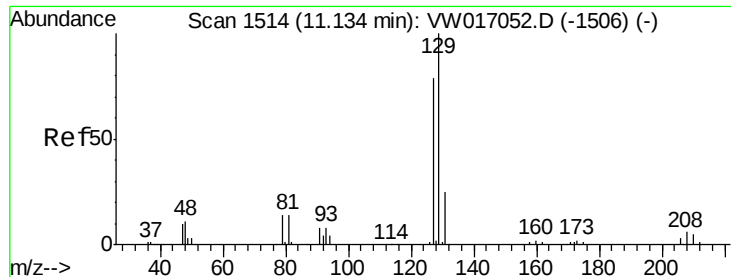
164 100

129 86.7 64.0 119.0

131 74.5 61.7 114.5

166 127.3 94.6 175.8





#50

Dibromochloromethane

Concen: 3.766 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW017061.D

Acq: 03 Nov 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

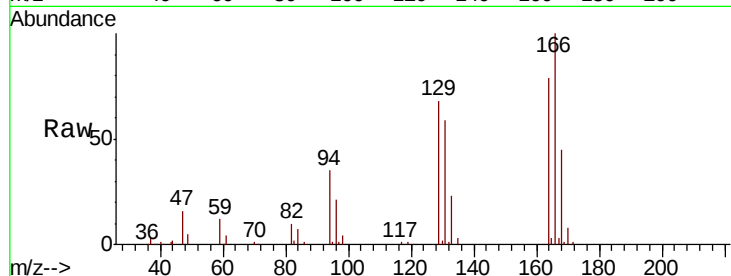
VIBLK29

Tot Ion:129 Resp: 19331

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

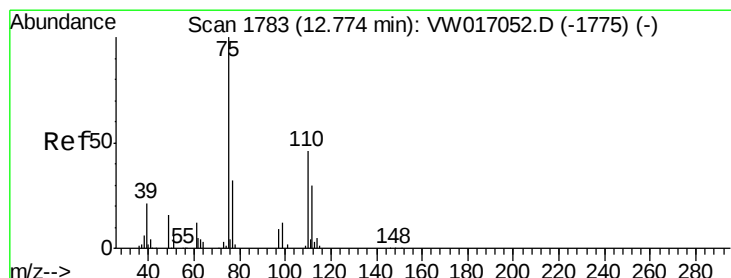
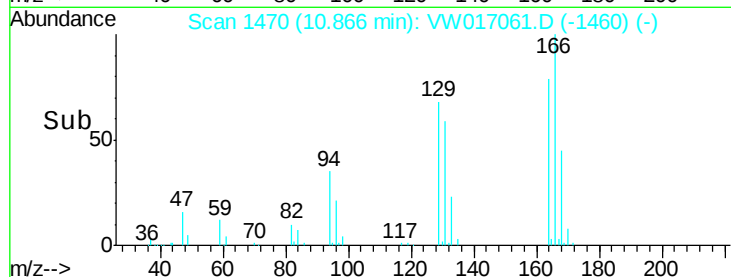
10.87

10000

5000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.211 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017061.D

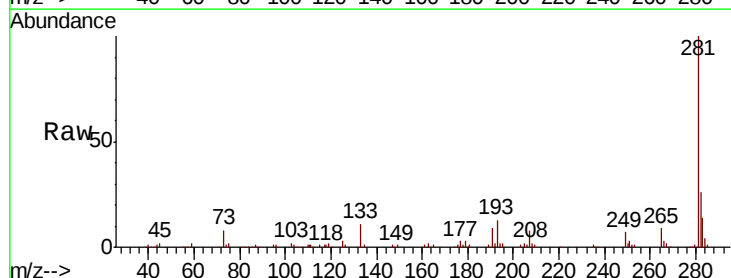
Acq: 03 Nov 2020 15:56

Tgt Ion: 75 Resp: 683

Ion Ratio Lower Upper

75 100

77 35.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.61

400

300

200

100

0

Time-->

