

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017055.D
 Acq On : 03 Nov 2020 13:36
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK26

Quant Time: Nov 04 04:11:03 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	452989	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	416654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108133	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.72%
7) Chloroethane-d5	2.89	69	95557	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.03	63	169092	16.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.52%
20) 2-Butanone-d5	7.08	46	53207	54.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.06%
24) Chloroform-d	7.65	84	261126	24.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	8.31	65	125615	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.16%
29) Benzene-d6	8.28	84	529285	24.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.92%
33) 1,2-Dichloropropane-d6	9.28	67	147955	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	10.33	98	494594	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.20%
38) trans-1,3-Dichloropropene-	10.58	79	57775	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.24%
39) 2-Hexanone-d5	10.93	63	42444	52.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113840	25.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	181360	26.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.04%

Target Compounds

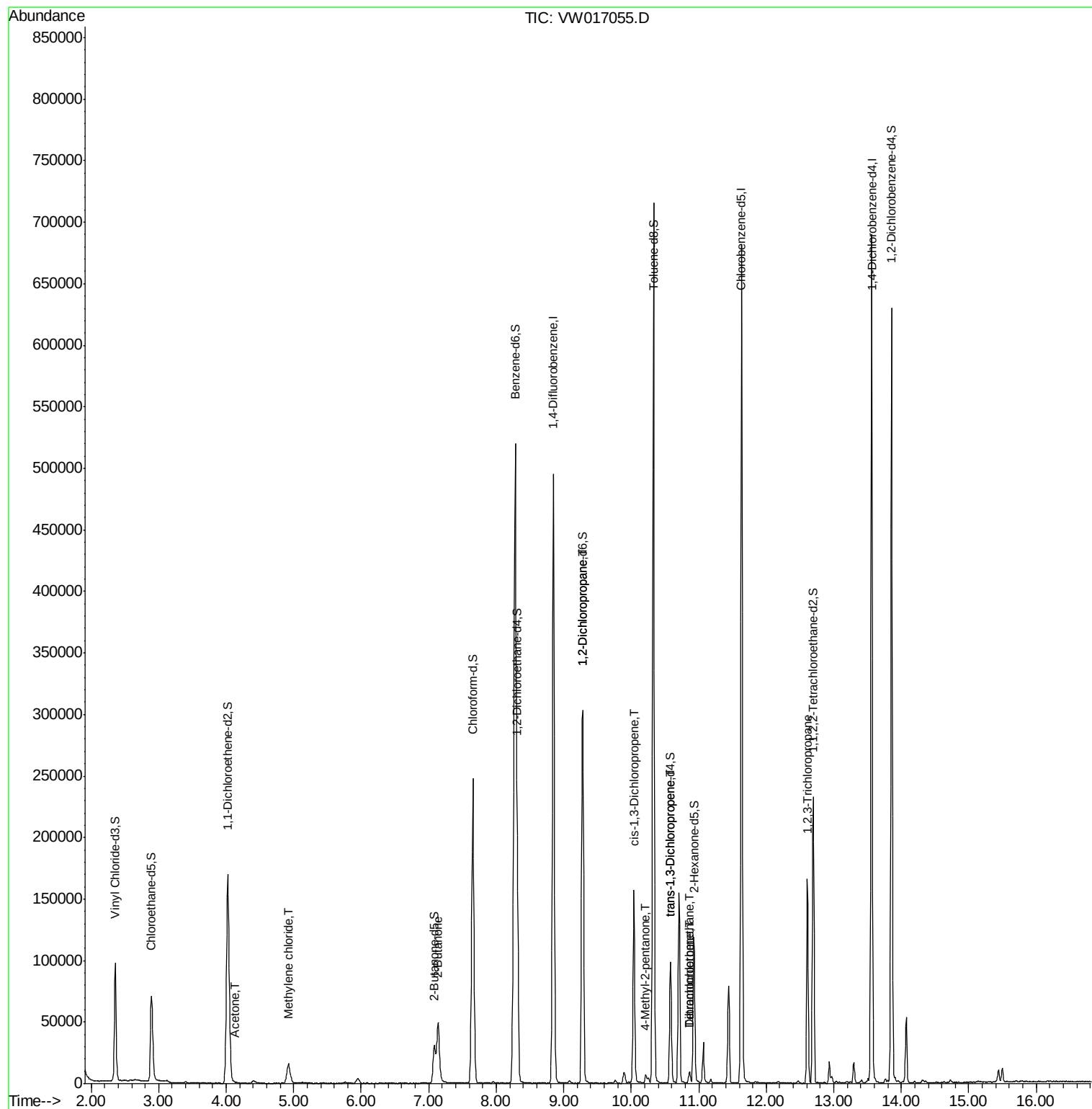
					Ovalue
13) Acetone	4.13	43	513	0.774 ug/L	64
16) Methylene chloride	4.92	84	14477	2.417 ug/L	97
21) 2-Butanone	7.13	43	1102	0.994 ug/L	96
40) 1,2-Dichloropropane	9.28	63	16323	3.175 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	4208	0.524 ug/L #	79
43) 4-Methyl-2-pentanone	10.21	43	4495	1.845 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2559	0.384 ug/L #	79
47) Tetrachloroethene	10.87	164	2115	0.361 ug/L	93
50) Dibromochloromethane	10.87	129	1804	0.360 ug/L #	10
59) 1,2,3-Trichloropropane	12.61	75	1210	0.383 ug/L	89

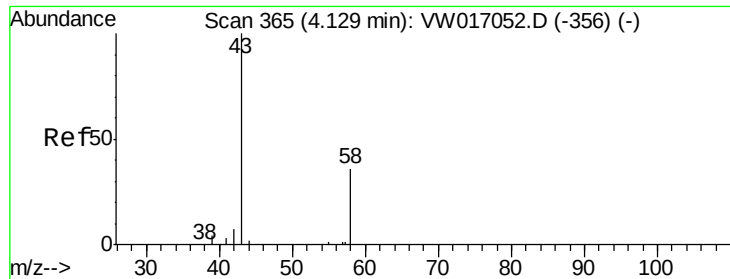
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.774 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017055.D

Acq: 03 Nov 2020 13:36

Instrument :

MSVOA_W

ClientSampled :

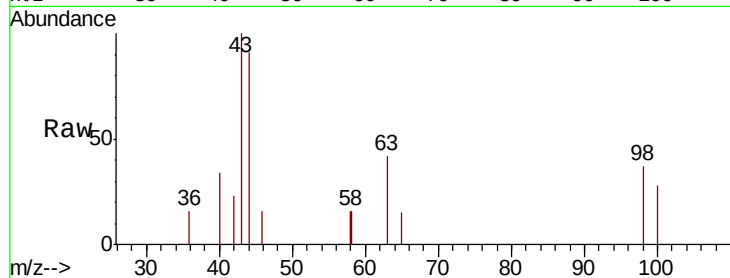
VIBLK26

Tot Ion: 43 Resp: 513

Ion Ratio Lower Upper

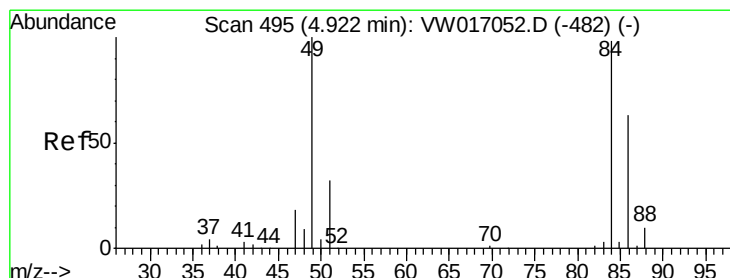
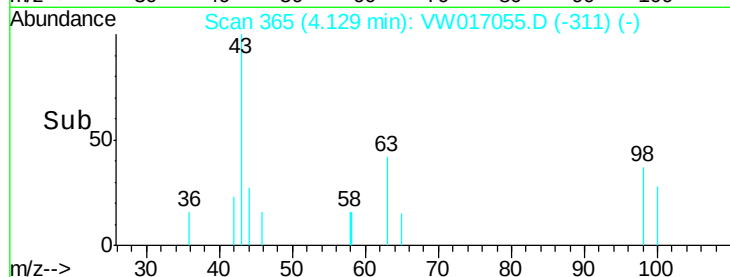
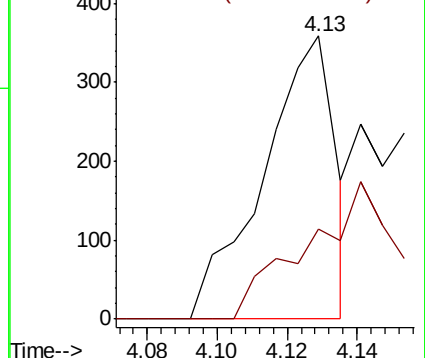
43 100

58 55.8 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: 2.417 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017055.D

Acq: 03 Nov 2020 13:36

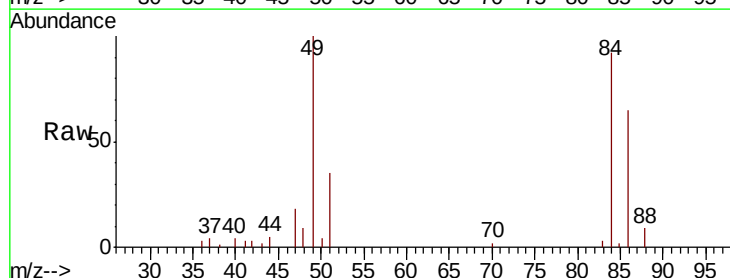
Tgt Ion: 84 Resp: 14477

Ion Ratio Lower Upper

84 100

49 108.3 73.8 137.0

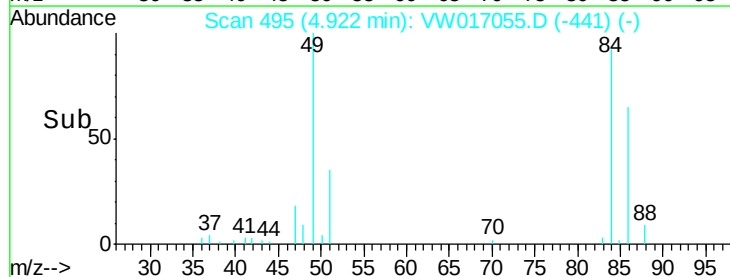
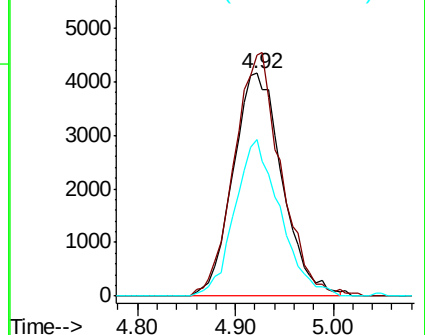
86 70.0 47.4 88.0

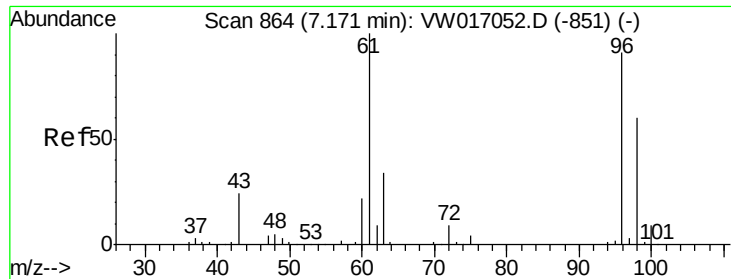


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.994 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW017055.D

Acq: 03 Nov 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

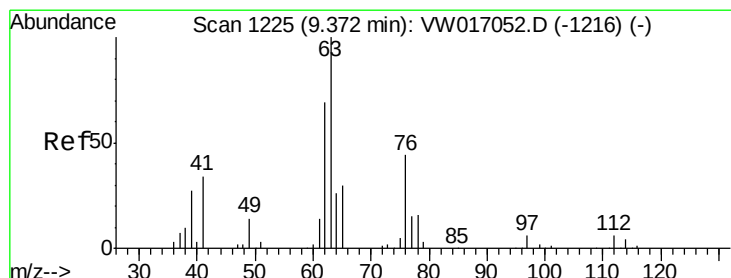
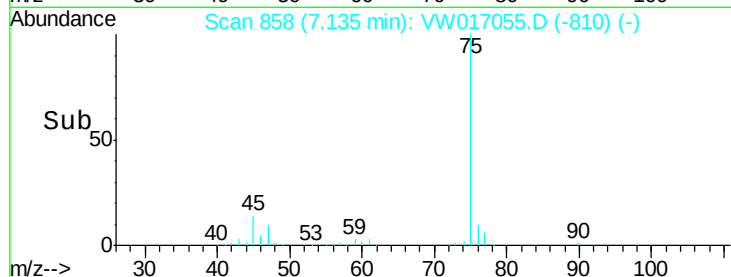
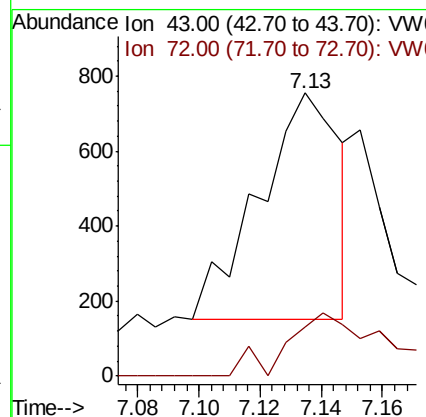
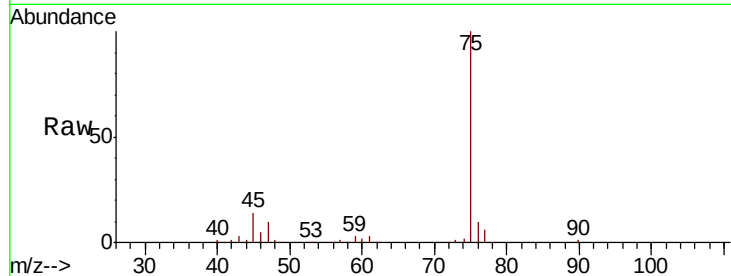
VIBLK26

Tot Ion: 43 Resp: 1102

Ion Ratio Lower Upper

43 100

72 29.7 16.1 48.2



#40

1,2-Dichloropropane

Concen: 3.175 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017055.D

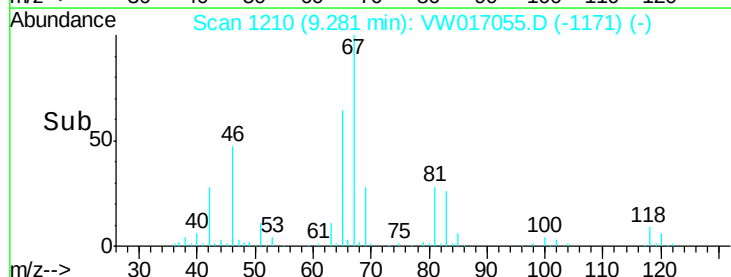
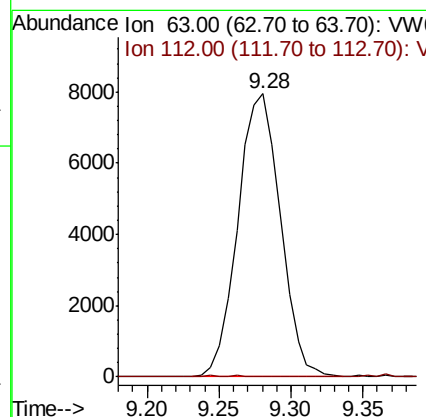
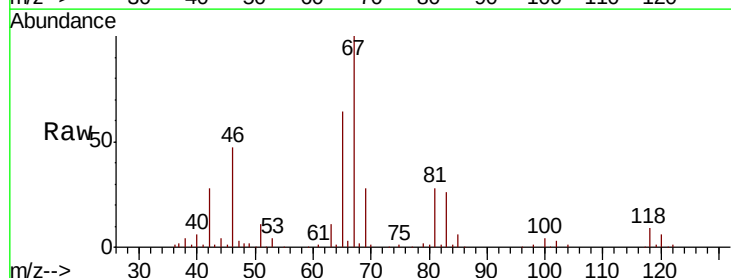
Acq: 03 Nov 2020 13:36

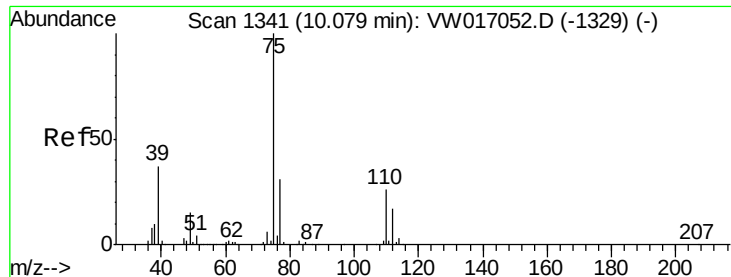
Tgt Ion: 63 Resp: 16323

Ion Ratio Lower Upper

63 100

112 0.1 4.5 6.7#





#42

cis-1,3-Dichloropropene

Concen: 0.524 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW017055.D

Acq: 03 Nov 2020 13:36

Instrument :

MSVOA_W

ClientSampled :

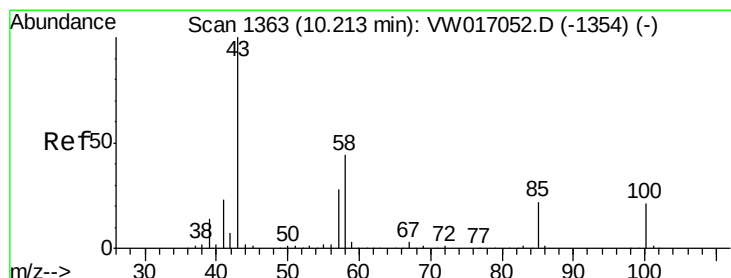
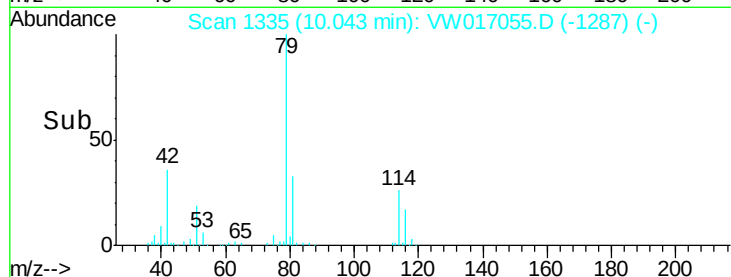
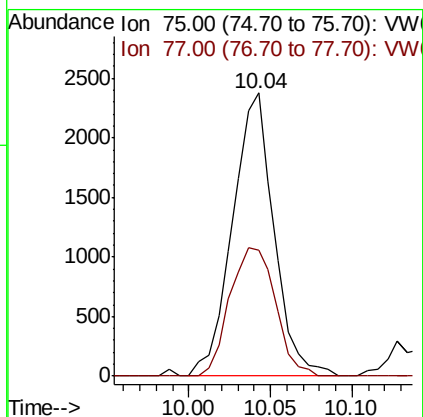
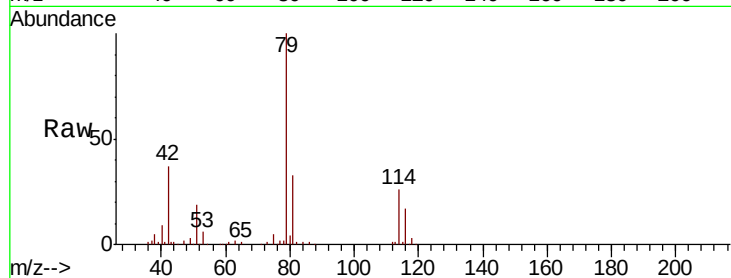
VIBLK26

Tot Ion: 75 Resp: 4208

Ion Ratio Lower Upper

75 100

77 44.4 22.7 42.1#



#43

4-Methyl-2-pentanone

Concen: 1.845 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017055.D

Acq: 03 Nov 2020 13:36

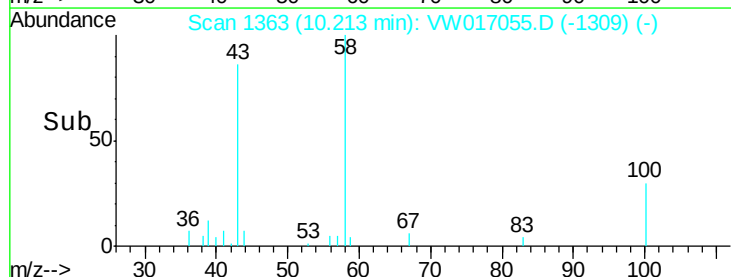
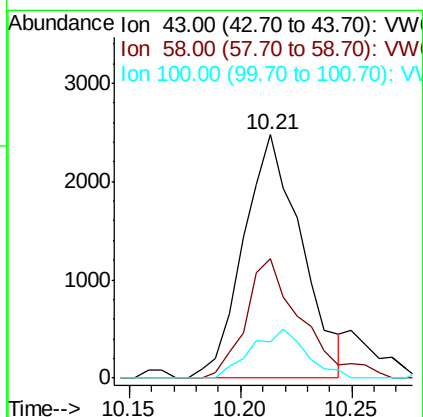
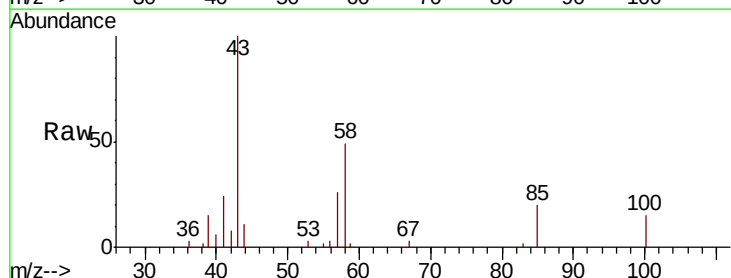
Tgt Ion: 43 Resp: 4495

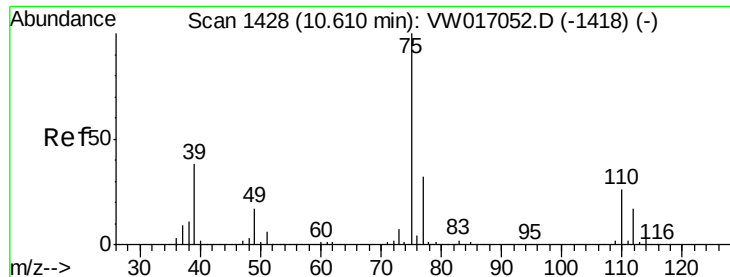
Ion Ratio Lower Upper

43 100

58 44.3 34.4 51.6

100 18.7 16.2 24.2





#45

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017055.D

Acq: 03 Nov 2020 13:36

Instrument :

MSVOA_W

ClientSampleId :

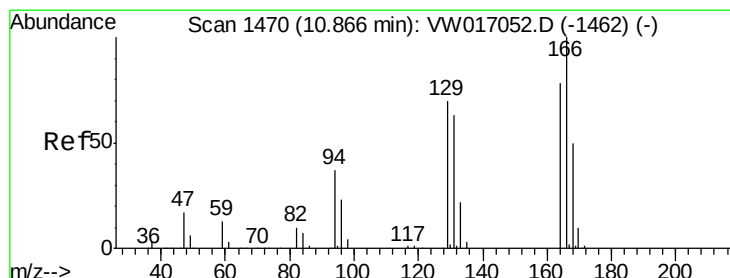
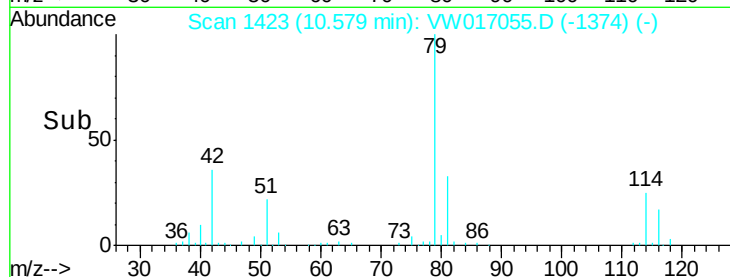
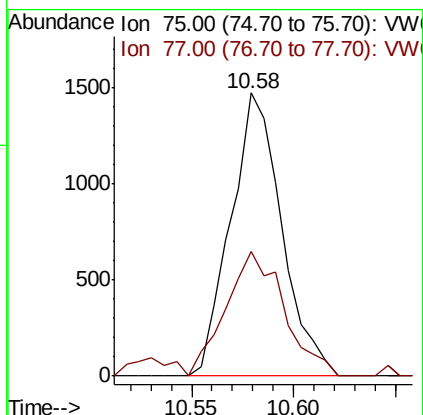
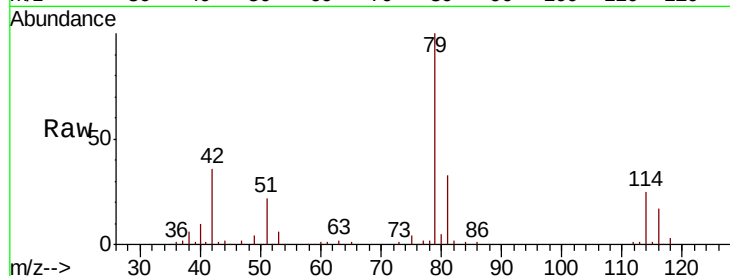
VIBLK26

Tot Ion: 75 Resp: 2559

Ion Ratio Lower Upper

75 100

77 44.2 22.7 42.3#



#47

Tetrachloroethene

Concen: 0.361 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW017055.D

Acq: 03 Nov 2020 13:36

Tgt Ion: 164 Resp: 2115

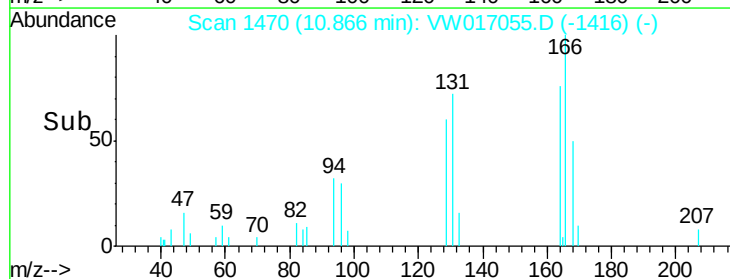
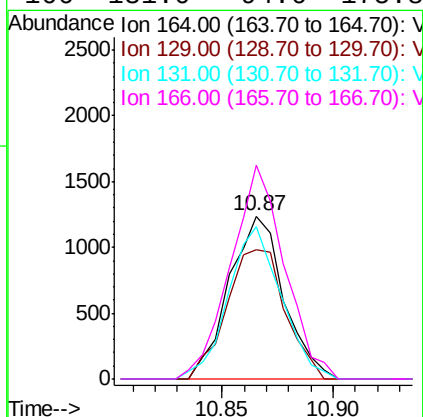
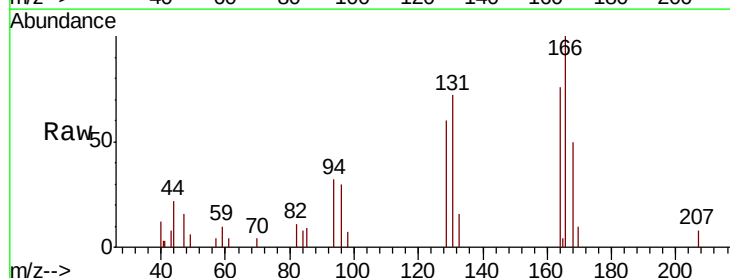
Ion Ratio Lower Upper

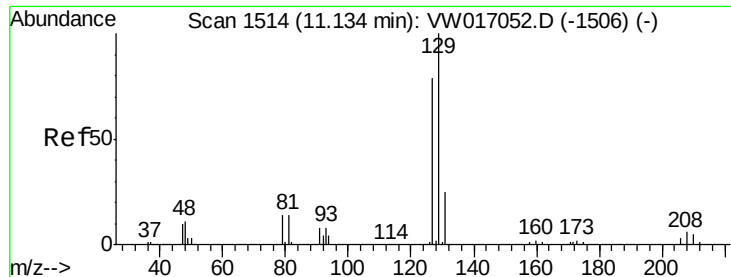
164 100

129 79.1 64.0 119.0

131 93.7 61.7 114.5

166 131.0 94.6 175.8





#50

Dibromochloromethane

Concen: 0.360 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW017055.D

Acq: 03 Nov 2020 13:36

Instrument :

MSVOA_W

ClientSampled :

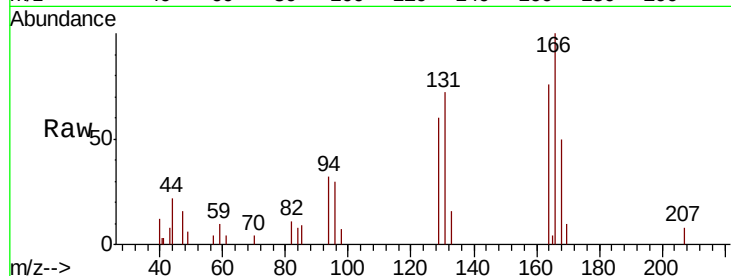
VIBLK26

Tot Ion:129 Resp: 1804

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

1000

800

600

400

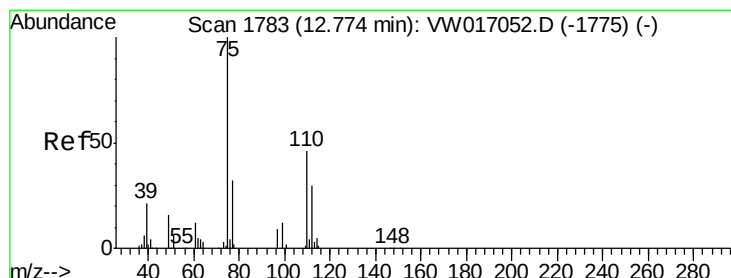
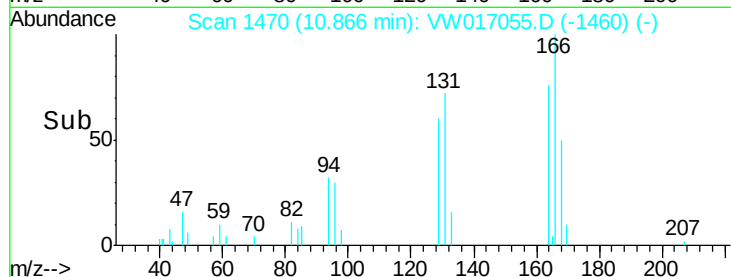
200

0

10.85

10.90

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.383 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017055.D

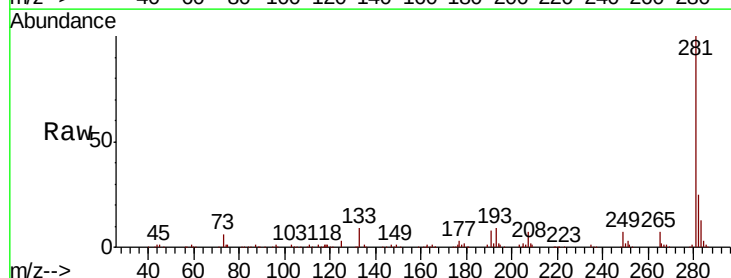
Acq: 03 Nov 2020 13:36

Tgt Ion: 75 Resp: 1210

Ion Ratio Lower Upper

75 100

77 26.0 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

800

600

400

200

0

12.60

12.65

Time-->

