

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
 Data File : VW017065.D
 Acq On : 03 Nov 2020 17:30
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK01

Quant Time: Nov 04 04:12:26 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	426131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195398	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	93116	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
7) Chloroethane-d5	2.89	69	82681	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
10) 1,1-Dichloroethene-d2	4.03	63	145632	15.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.88%
20) 2-Butanone-d5	7.08	46	52640	56.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.64%
24) Chloroform-d	7.65	84	233425	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.31	65	116240	25.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.52%
29) Benzene-d6	8.27	84	464989	22.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.08%
33) 1,2-Dichloropropane-d6	9.28	67	133673	23.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.84%
37) Toluene-d8	10.33	98	431678	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.84%
38) trans-1,3-Dichloropropene-	10.58	79	53343	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.20%
39) 2-Hexanone-d5	10.93	63	43550	55.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.06%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	112211	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	168266	24.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.00%

Target Compounds

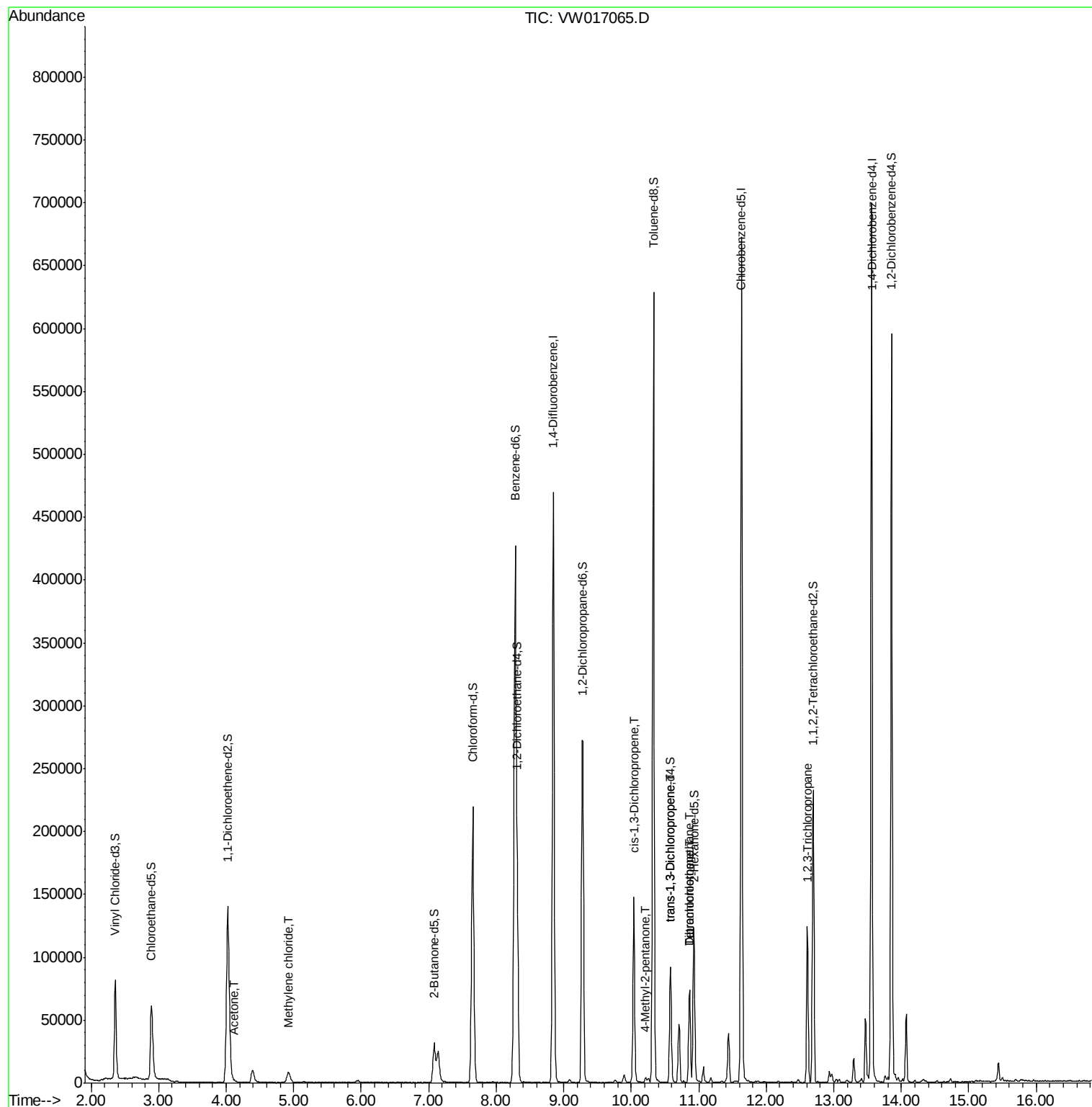
					Ovalue
13) Acetone	4.12	43	378	0.606 ug/L	86
16) Methylene chloride	4.92	84	7888	1.400 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	3855	0.492 ug/L #	69
43) 4-Methyl-2-pentanone	10.21	43	3327	1.399 ug/L #	84
45) trans-1,3-Dichloropropene	10.58	75	2470	0.380 ug/L #	67
47) Tetrachloroethene	10.87	164	17619	3.079 ug/L	95
50) Dibromochloromethane	10.86	129	15688	3.208 ug/L #	10
59) 1,2,3-Trichloropropane	12.61	75	1108	0.359 ug/L	91

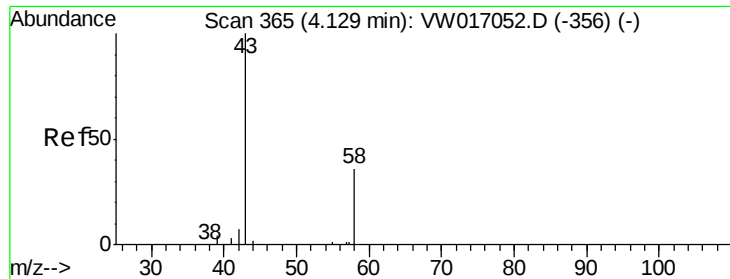
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 04 04:12:26 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: 0.606 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017065.D

Acq: 03 Nov 2020 17:30

Instrument :

MSVOA_W

ClientSampled :

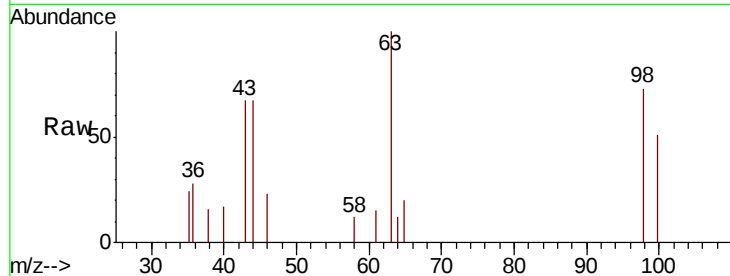
VIBLK01

Tot Ion: 43 Resp: 378

Ion Ratio Lower Upper

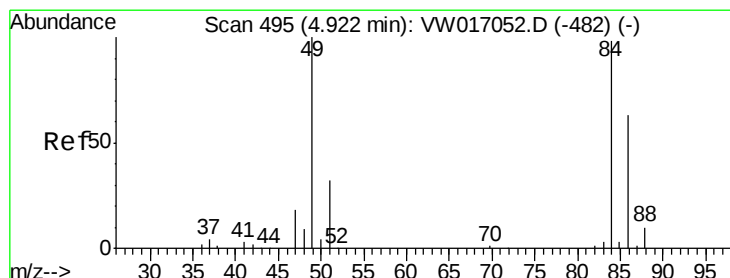
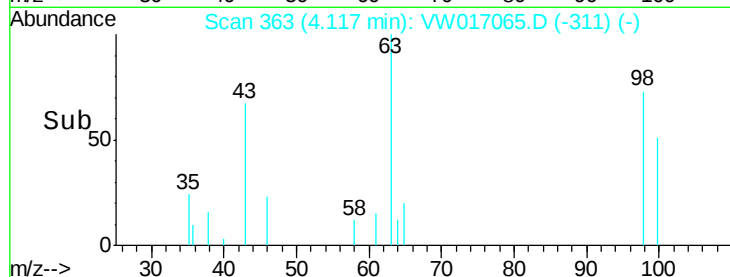
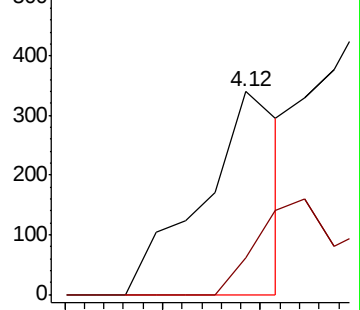
43 100

58 43.1 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: 1.400 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017065.D

Acq: 03 Nov 2020 17:30

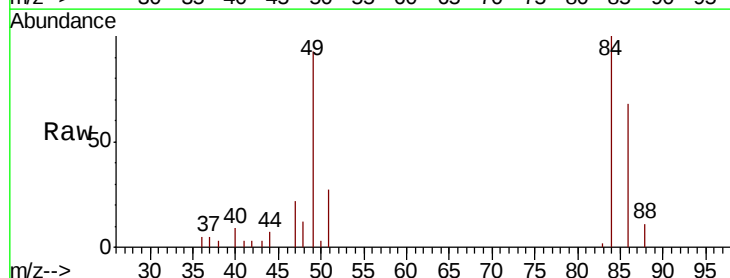
Tgt Ion: 84 Resp: 7888

Ion Ratio Lower Upper

84 100

49 93.2 73.8 137.0

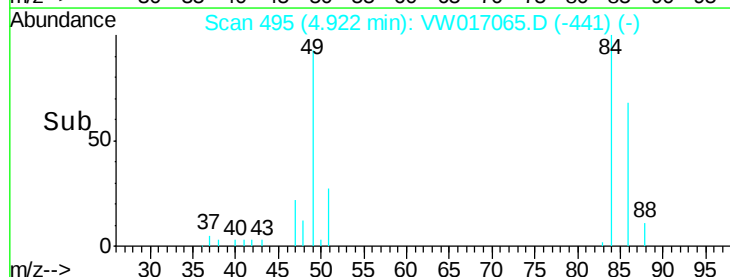
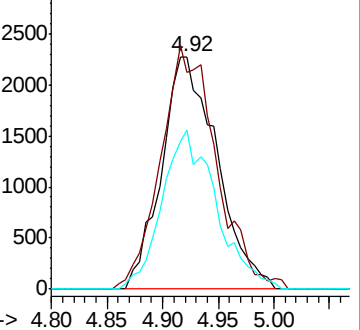
86 68.3 47.4 88.0

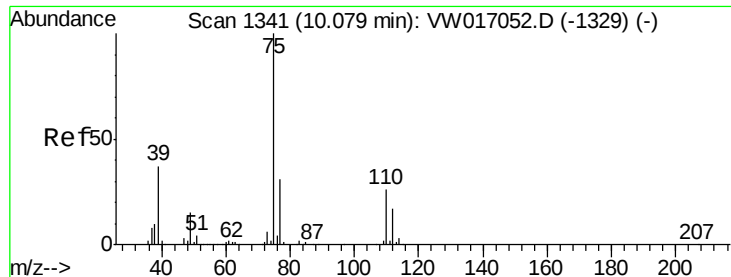


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.492 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW017065.D

Acq: 03 Nov 2020 17:30

Instrument :

MSVOA_W

ClientSampleId :

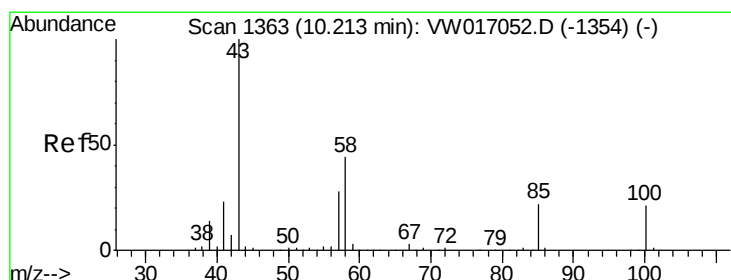
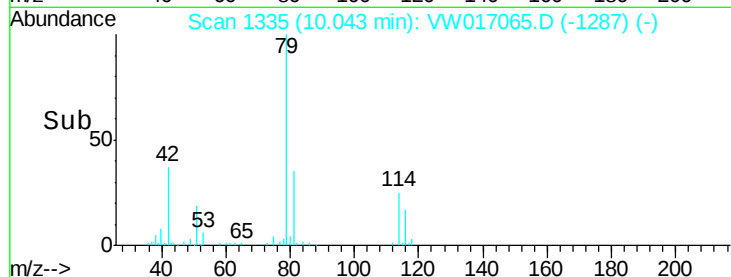
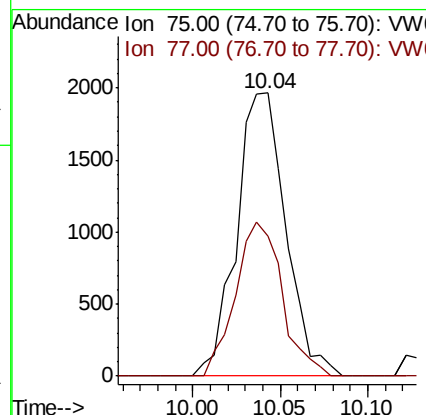
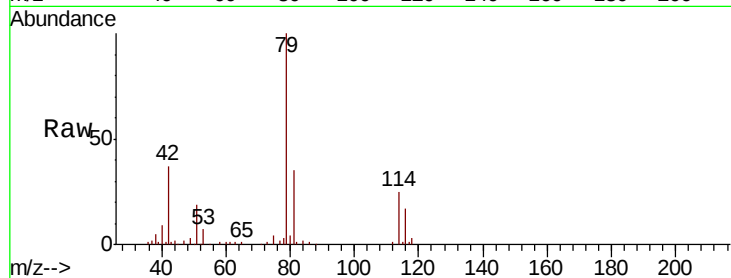
VIBLK01

Tot Ion: 75 Resp: 3855

Ion Ratio Lower Upper

75 100

77 49.6 22.7 42.1#



#43

4-Methyl-2-pentanone

Concen: 1.399 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW017065.D

Acq: 03 Nov 2020 17:30

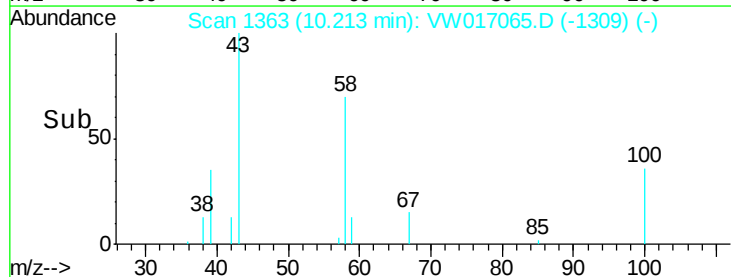
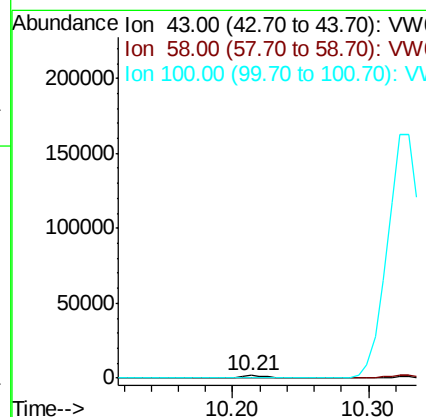
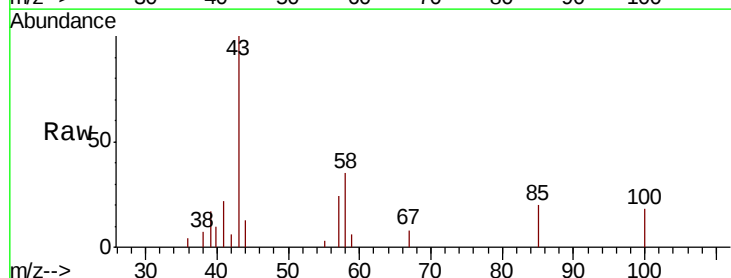
Tgt Ion: 43 Resp: 3327

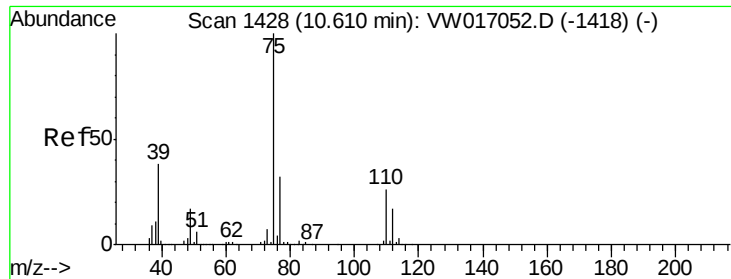
Ion Ratio Lower Upper

43 100

58 34.5 34.4 51.6

100 10.8 16.2 24.2#





#45

trans-1,3-Dichloropropene

Concen: 0.380 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017065.D

Acq: 03 Nov 2020 17:30

Instrument :

MSVOA_W

ClientSampleId :

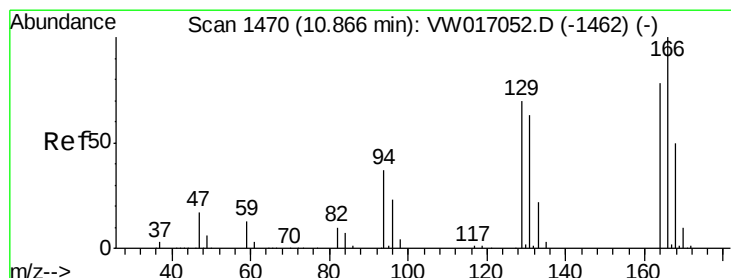
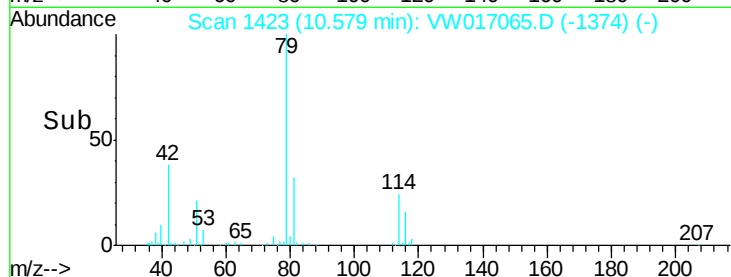
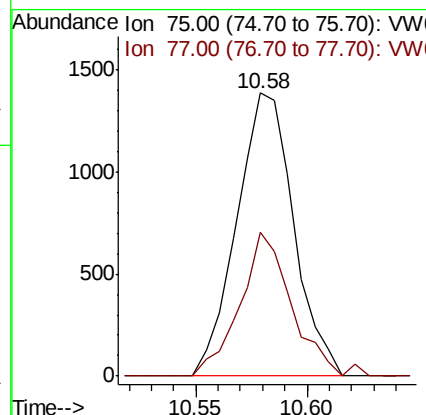
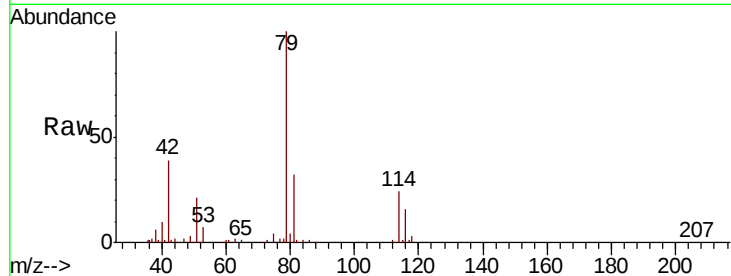
VIBLK01

Tot Ion: 75 Resp: 2470

Ion Ratio Lower Upper

75 100

77 51.0 22.7 42.3#



#47

Tetrachloroethene

Concen: 3.079 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW017065.D

Acq: 03 Nov 2020 17:30

Tgt Ion: 164 Resp: 17619

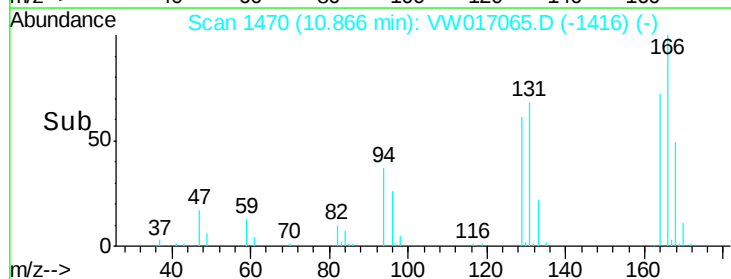
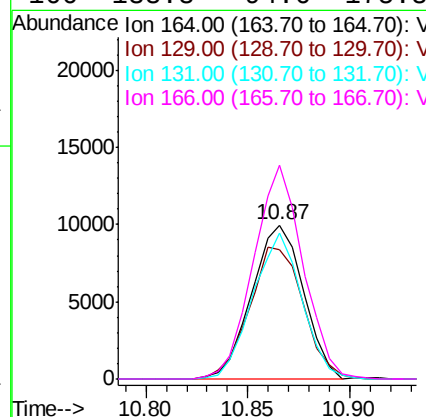
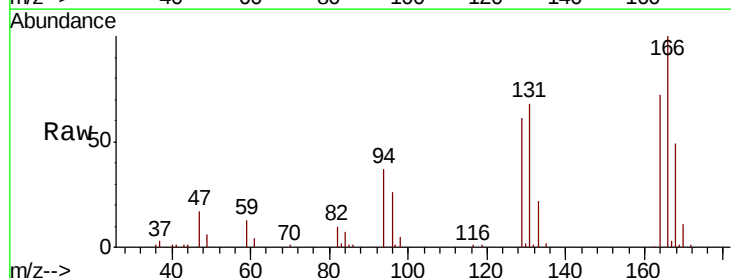
Ion Ratio Lower Upper

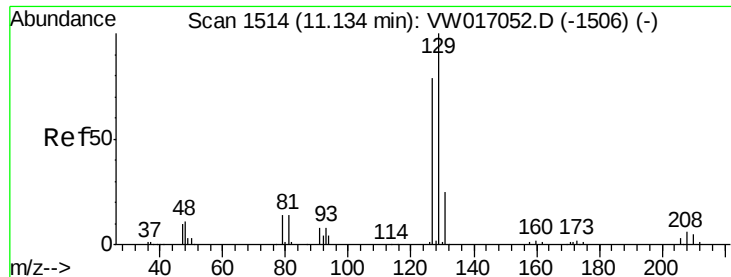
164 100

129 84.4 64.0 119.0

131 94.4 61.7 114.5

166 138.8 94.6 175.8





#50

Dibromochloromethane

Concen: 3.208 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW017065.D

Acq: 03 Nov 2020 17:30

Instrument :

MSVOA_W

ClientSampleId :

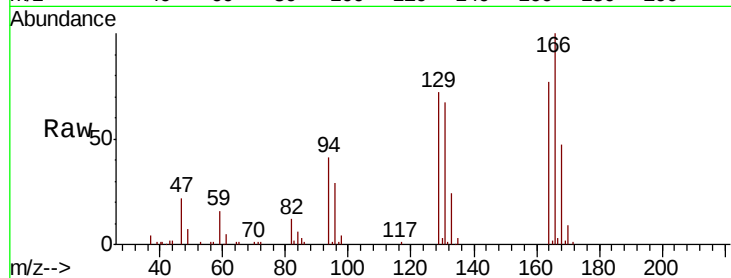
VIBLK01

Tot Ion:129 Resp: 15688

Ion Ratio Lower Upper

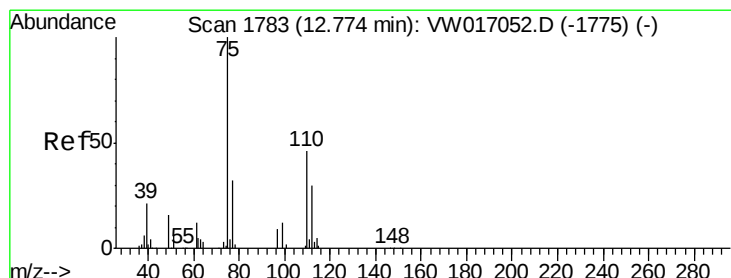
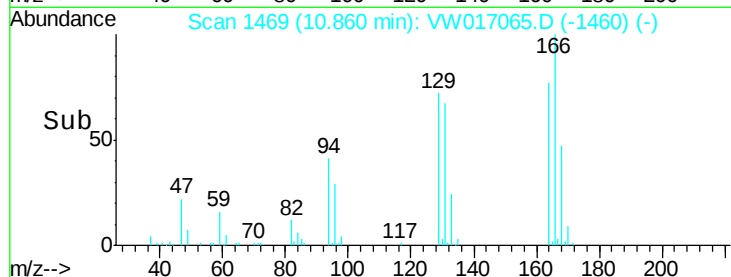
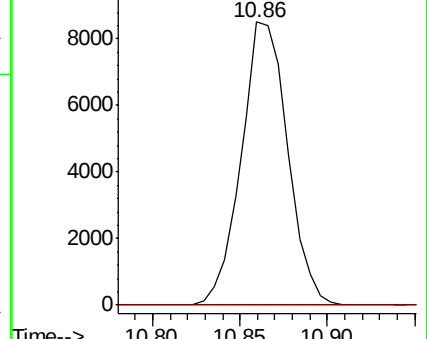
129 100

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



#59

1,2,3-Trichloropropane

Concen: 0.359 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017065.D

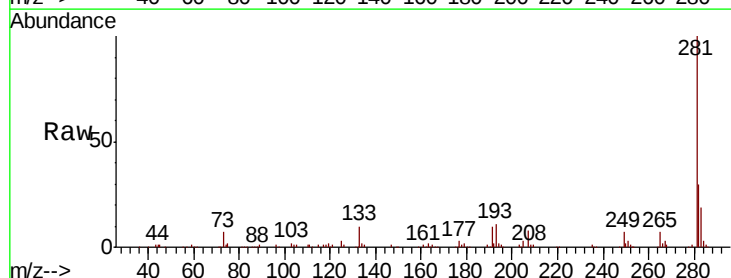
Acq: 03 Nov 2020 17:30

Tgt Ion: 75 Resp: 1108

Ion Ratio Lower Upper

75 100

77 27.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

