

Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK11

Quant Time: Nov 21 00:33:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	350206	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330662	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174999	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102783	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.28%
7) Chloroethane-d5	2.89	69	86966	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
10) 1,1-Dichloroethene-d2	4.02	63	143471	15.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.28%
20) 2-Butanone-d5	7.07	46	45202	53.09	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.18%
24) Chloroform-d	7.65	84	213693	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	8.31	65	114176	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.72%
29) Benzene-d6	8.27	84	420561	22.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.24%
33) 1,2-Dichloropropane-d6	9.27	67	117455	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	409805	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.40%
38) trans-1,3-Dichloropropene-	10.58	79	53545	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	10.93	63	39662	59.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	100936	26.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	163148	25.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.00%

Target Compounds

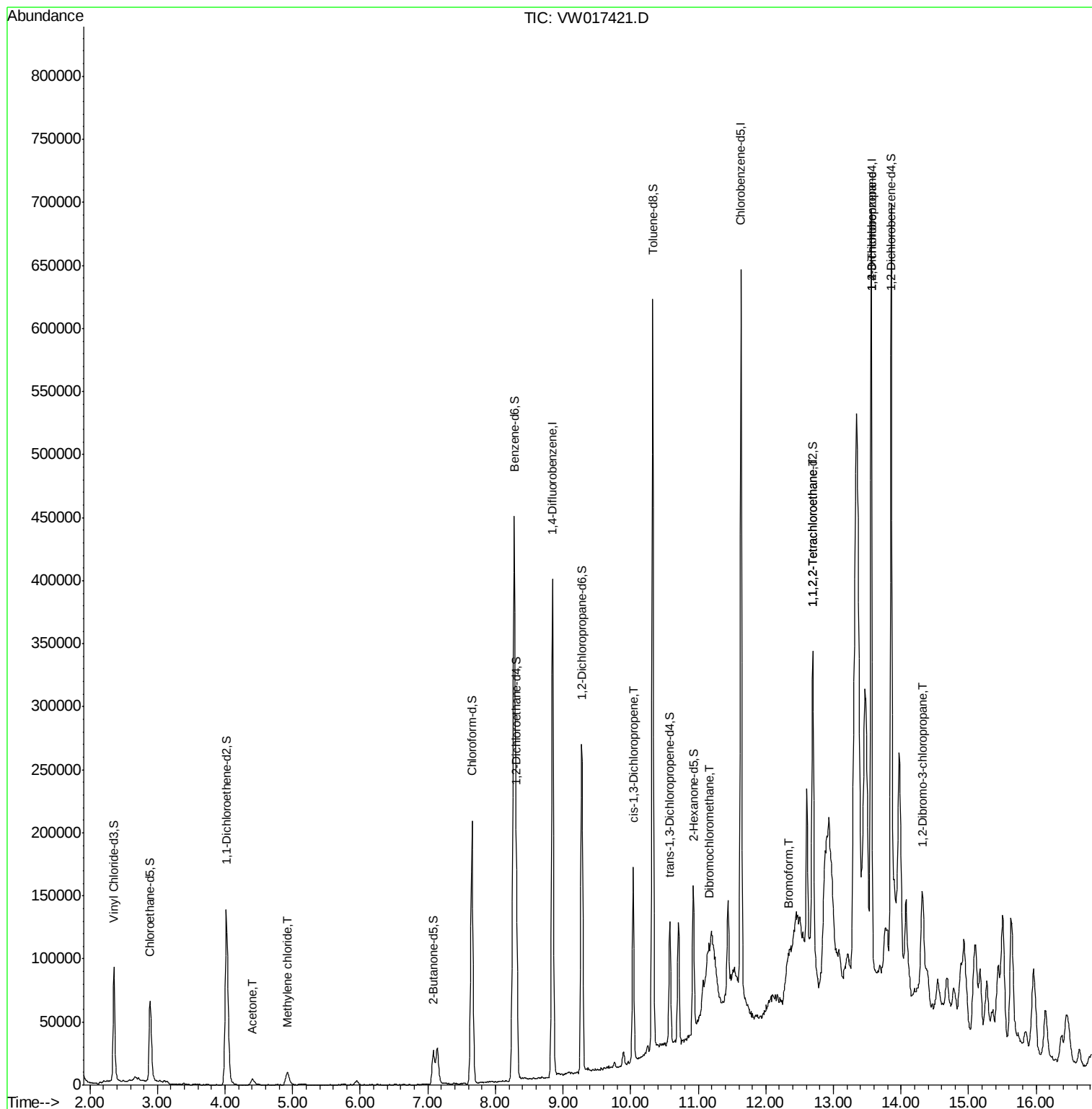
					Qvalue
13) Acetone	4.40	43	1632	2.627 ug/L	47
16) Methylene chloride	4.93	84	8995	1.502 ug/L	98
42) cis-1,3-Dichloropropene	10.04	75	4485	0.684 ug/L #	59
50) Dibromochloromethane	11.15	129	6220	1.461 ug/L #	52
58) 1,1,2,2-Tetrachloroethane	12.70	83	2927	0.812 ug/L #	42
59) 1,2,3-Trichloropropane	13.56	75	18208	6.993 ug/L	96
62) Bromoform	12.33	173	1770	0.719 ug/L #	50
66) 1,2-Dibromo-3-chloropropan	14.31	75	4280	7.747 ug/L #	1

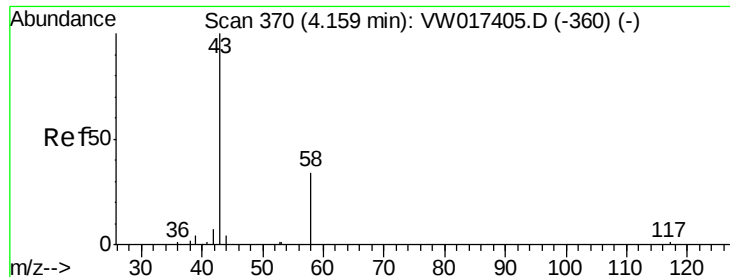
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.627 ug/L

RT: 4.40 min Scan# 410

Delta R.T. 0.24 min

Lab File: VW017421.D

Acq: 20 Nov 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

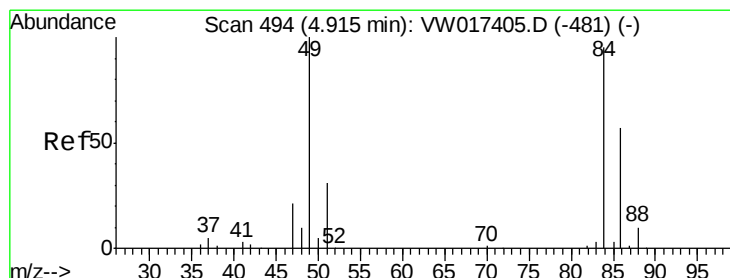
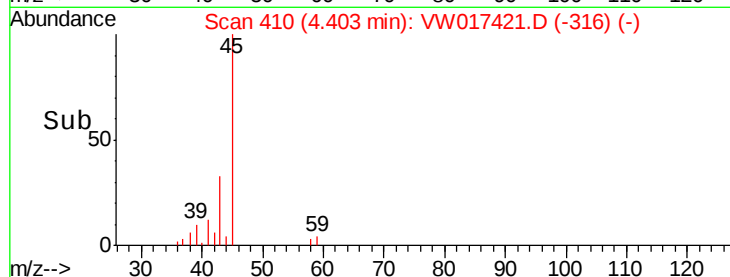
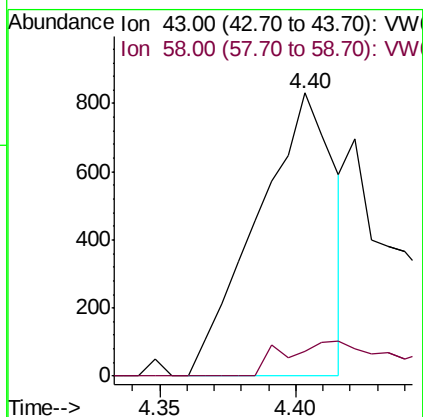
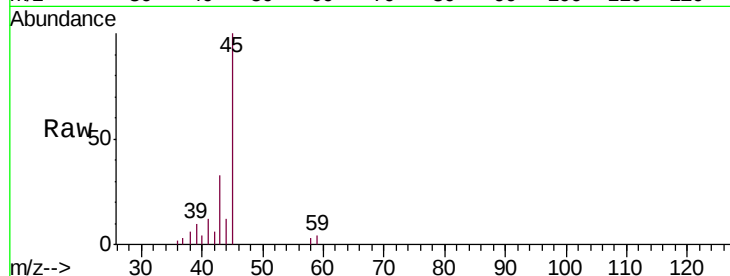
VIBLK11

Tgt Ion: 43 Resp: 1632

Ion Ratio Lower Upper

43 100

58 3.3 0.0 67.0



#16

Methylene chloride

Concen: 1.502 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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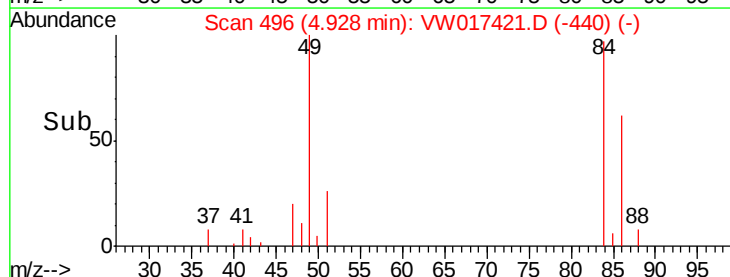
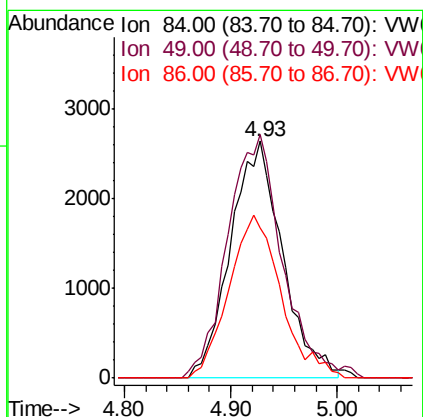
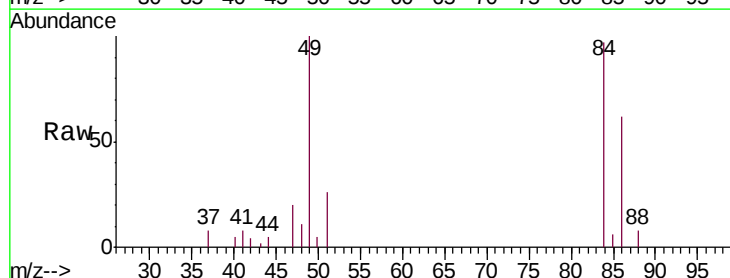
Tgt Ion: 84 Resp: 8995

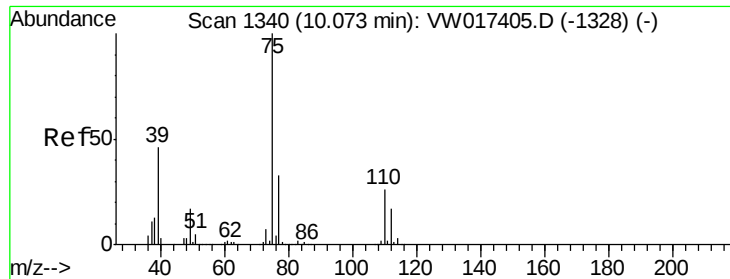
Ion Ratio Lower Upper

84 100

49 102.9 71.5 132.9

86 63.7 42.8 79.4

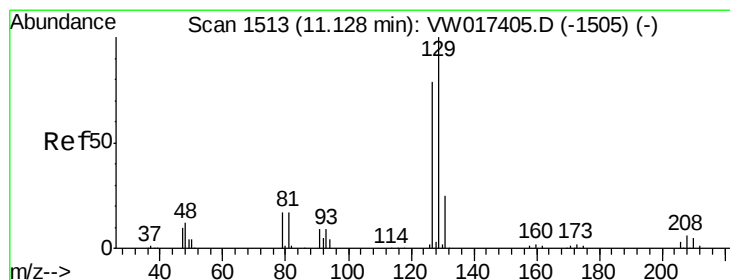
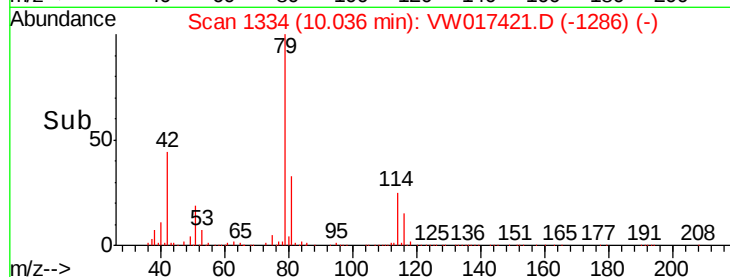
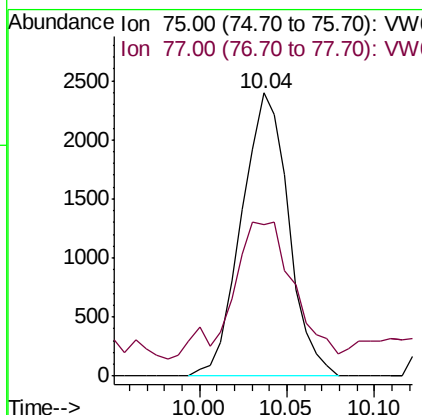
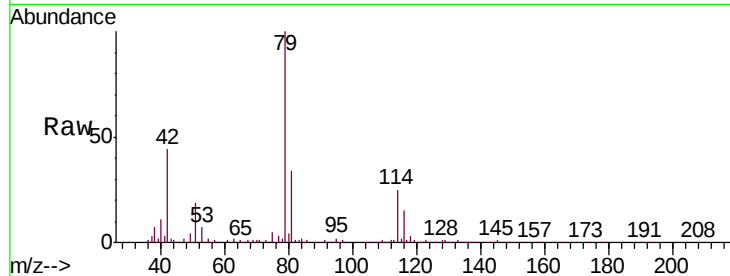




#42
 cis-1,3-Dichloropropene
 Concen: 0.684 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017421.D
 Acq: 20 Nov 2020 16:46

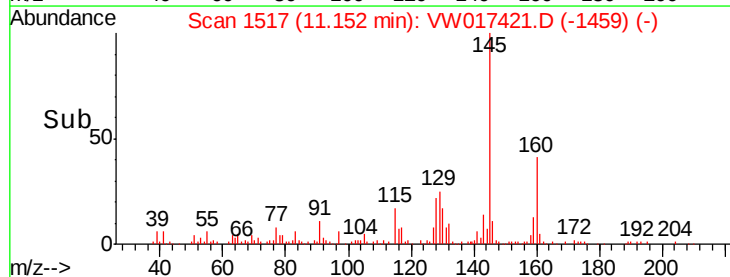
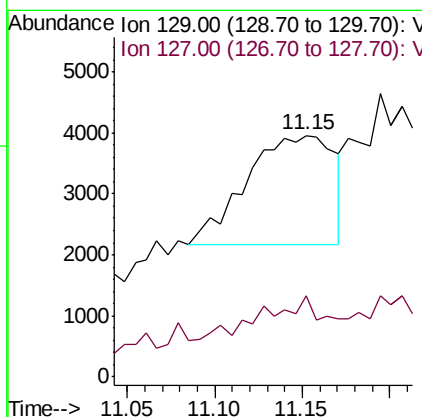
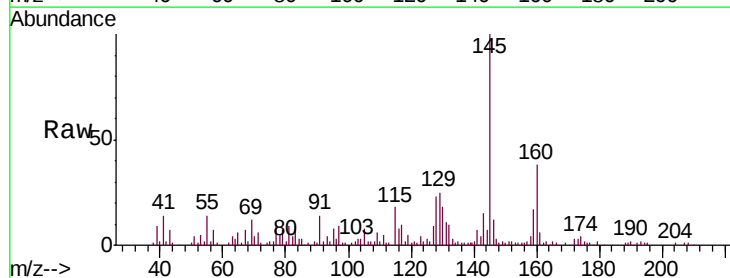
Instrument :
 MSVOA_W
 ClientSampled :
 VIBLK11

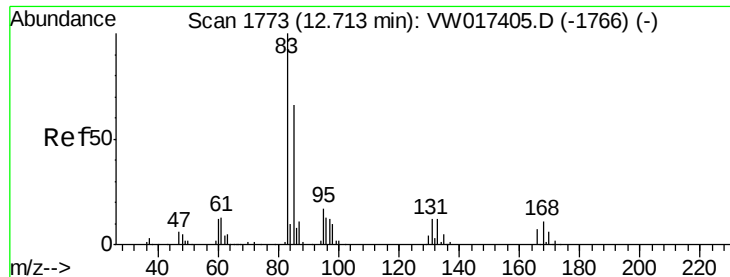
Tgt Ion: 75 Resp: 4485
 Ion Ratio Lower Upper
 75 100
 77 53.8 21.8 40.4#



#50
 Dibromochloromethane
 Concen: 1.461 ug/L
 RT: 11.15 min Scan# 1517
 Delta R.T. 0.02 min
 Lab File: VW017421.D
 Acq: 20 Nov 2020 16:46

Tgt Ion: 129 Resp: 6220
 Ion Ratio Lower Upper
 129 100
 127 33.4 51.8 96.2#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.812 ug/L

RT: 12.70 min Scan# 1771

Delta R.T. -0.01 min

Lab File: VW017421.D

Acq: 20 Nov 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

VIBLK11

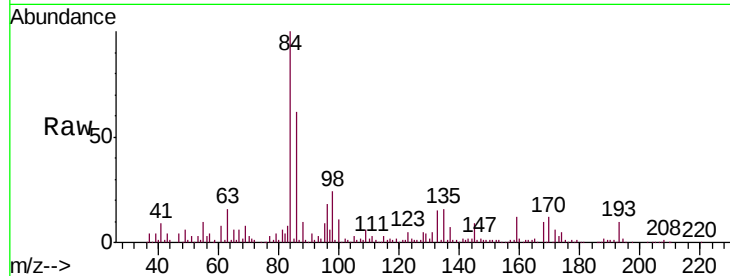
Tgt Ion: 83 Resp: 2927

Ion Ratio Lower Upper

83 100

85 28.7 44.2 82.0#

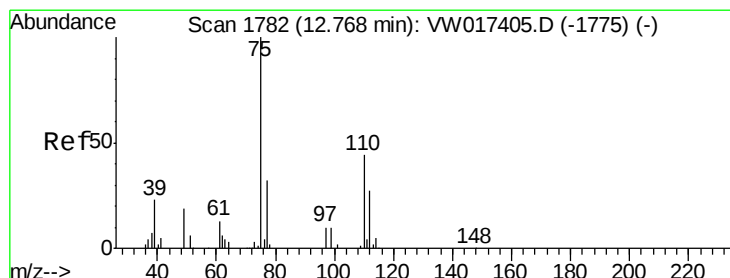
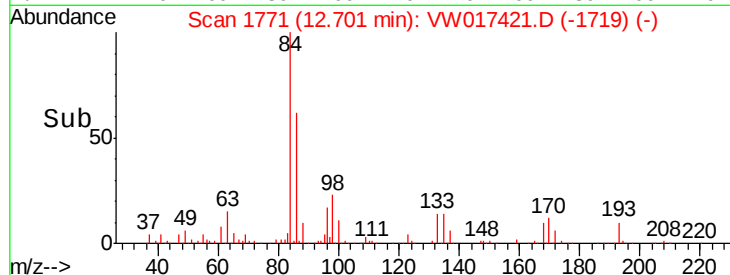
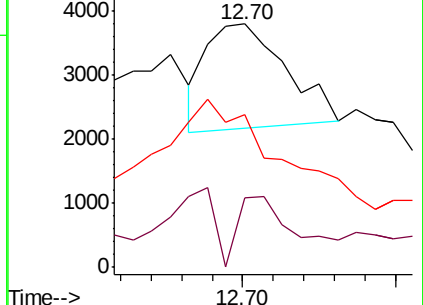
131 62.9 8.7 13.1#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): VW



#59

1,2,3-Trichloropropane

Concen: 6.993 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017421.D

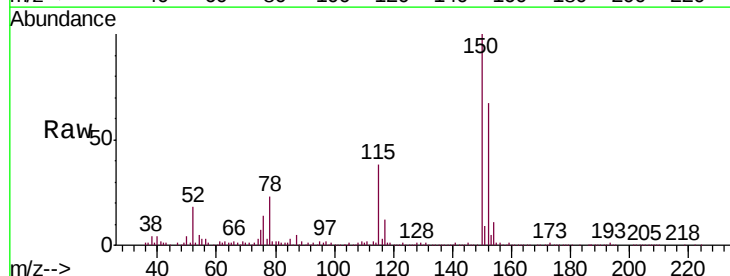
Acq: 20 Nov 2020 16:46

Tgt Ion: 75 Resp: 18208

Ion Ratio Lower Upper

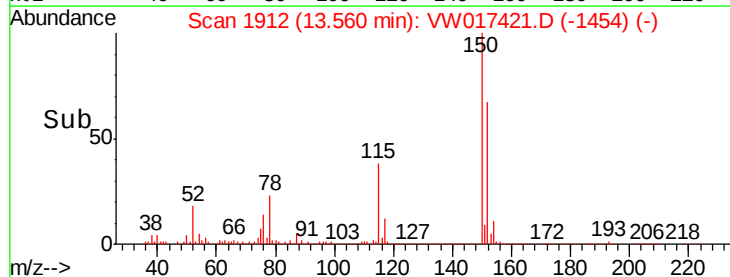
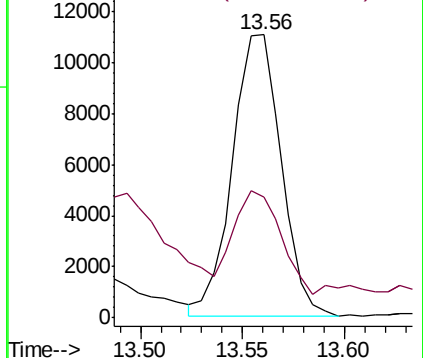
75 100

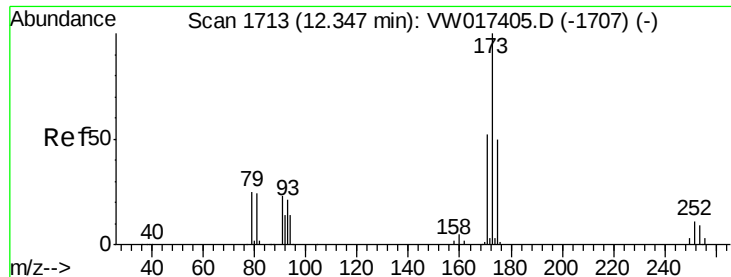
77 35.7 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#62

Bromoform

Concen: 0.719 ug/L

RT: 12.33 min Scan# 1710

Delta R.T. -0.02 min

Lab File: VW017421.D

Acq: 20 Nov 2020 16:46

Instrument :

MSVOA_W

ClientSampleId :

VIBLK11

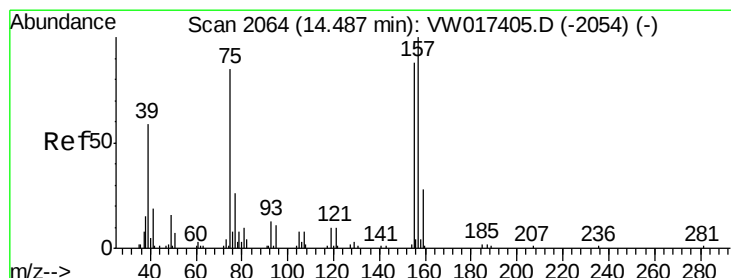
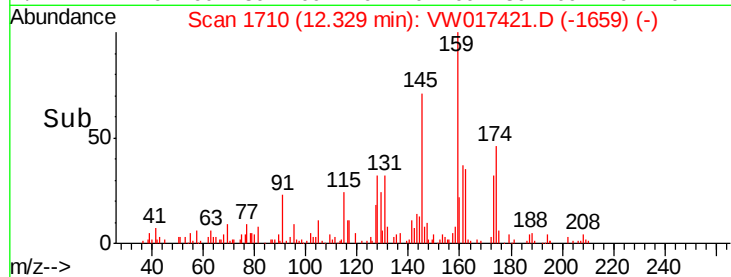
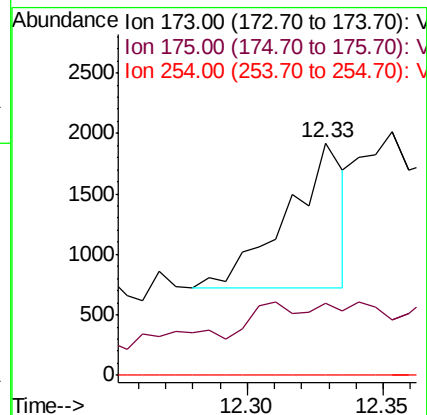
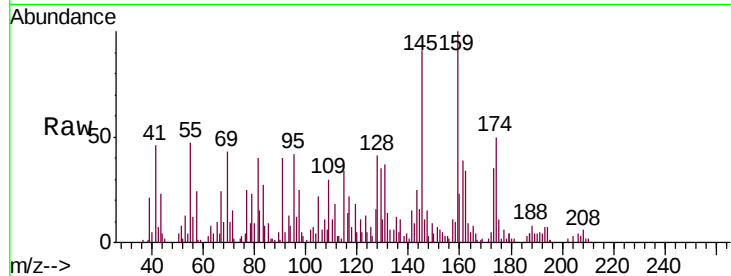
Tgt Ion:173 Resp: 1770

Ion Ratio Lower Upper

173 100

175 12.4 40.0 60.0#

254 0.0 8.0 12.0#



#66

1,2-Dibromo-3-chloropropane

Concen: 7.747 ug/L

RT: 14.31 min Scan# 2035

Delta R.T. -0.18 min

Lab File: VW017421.D

Acq: 20 Nov 2020 16:46

Tgt Ion: 75 Resp: 4280

Ion Ratio Lower Upper

75 100

157 304.9 106.7 160.1#

155 382.8 70.6 106.0#

