

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017193.D
 Acq On : 12 Nov 2020 18:29
 Operator : SY/VA
 Sample : VIBLK06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK06

Quant Time: Nov 13 04:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	432268	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403128	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	209191	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108873	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
7) Chloroethane-d5	2.89	69	89052	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
10) 1,1-Dichloroethene-d2	4.02	63	152574	15.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.68%
20) 2-Butanone-d5	7.07	46	61578	50.57	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.14%
24) Chloroform-d	7.65	84	236685	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.31	65	128040	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.08%
29) Benzene-d6	8.27	84	450528	21.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.80%
33) 1,2-Dichloropropane-d6	9.27	67	125968	22.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.72%
37) Toluene-d8	10.32	98	438291	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.58	79	56465	22.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.24%
39) 2-Hexanone-d5	10.93	63	53591	54.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121463	24.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	186619	25.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.28%

Target Compounds

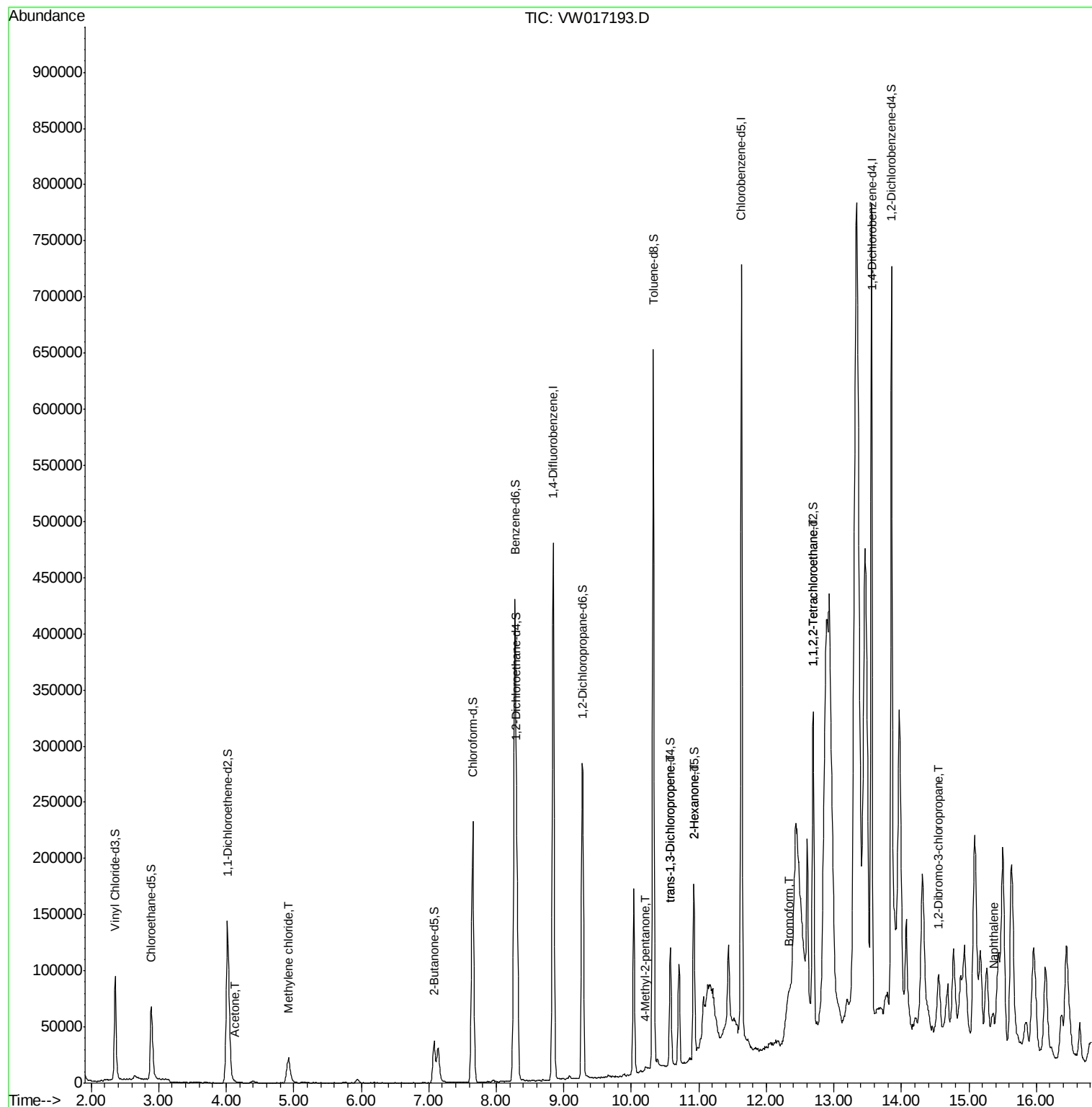
					Ovalue
13) Acetone	4.14	43	1183	1.451 ug/L	53
16) Methylene chloride	4.93	84	21657	3.716 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	3078	1.008 ug/L #	88
45) trans-1,3-Dichloropropene	10.58	75	3085	0.458 ug/L #	46
49) 2-Hexanone	10.93	43	6153	3.343 ug/L #	66
58) 1,1,2,2-Tetrachloroethane	12.69	83	2512	0.510 ug/L #	55
62) Bromoform	12.33	173	1222	0.381 ug/L #	67
66) 1,2-Dibromo-3-chloropropan	14.55	75	1788	2.304 ug/L #	65
69) Naphthalene	15.36	128	5632	0.400 ug/L #	89

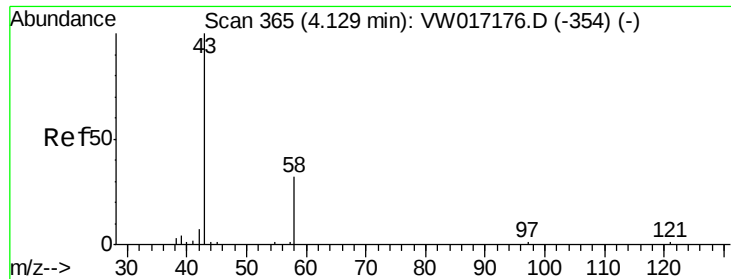
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 13 04:11:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.451 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017193.D

Acq: 12 Nov 2020 18:29

Instrument :

MSVOA_W

ClientSampleId :

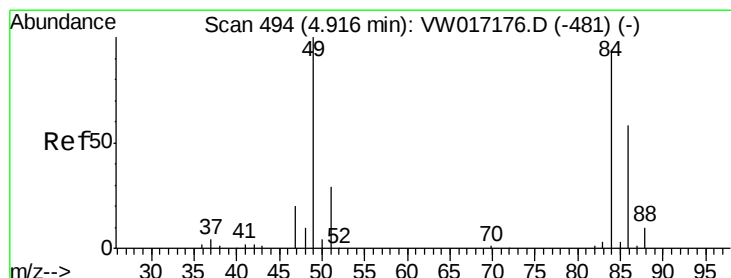
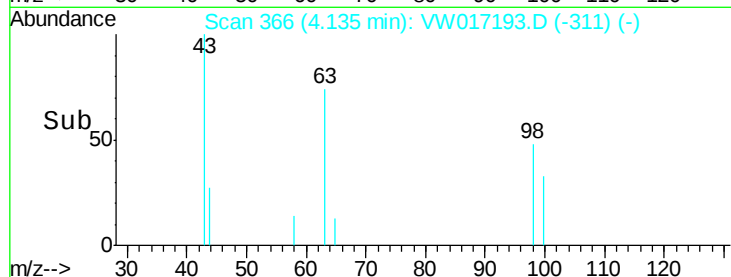
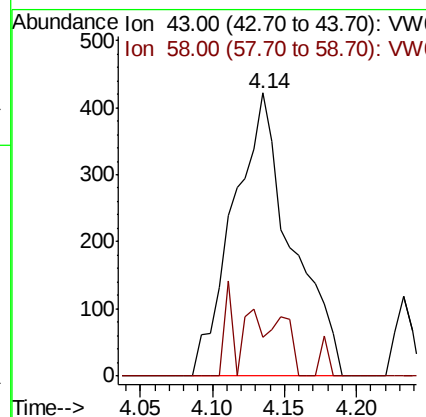
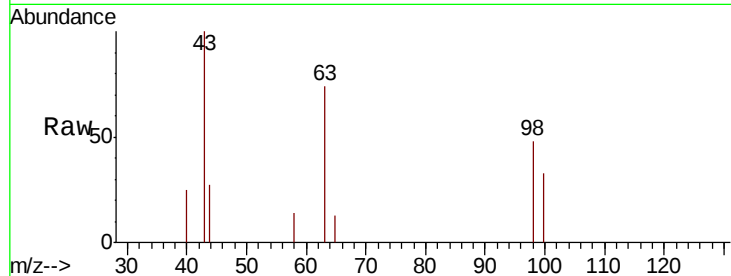
VIBLK06

Tot Ion: 43 Resp: 1183

Ion Ratio Lower Upper

43 100

58 7.6 0.0 69.2



#16

Methylene chloride

Concen: 3.716 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017193.D

Acq: 12 Nov 2020 18:29

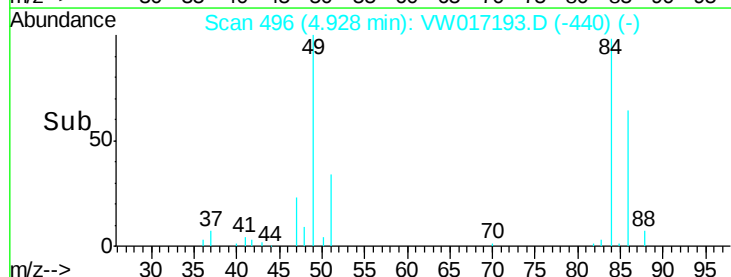
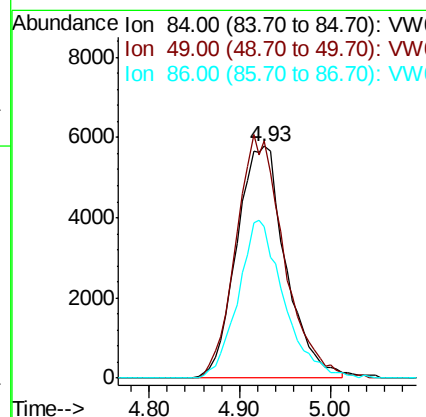
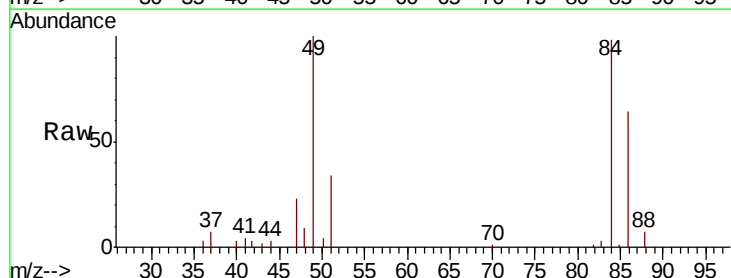
Tgt Ion: 84 Resp: 21657

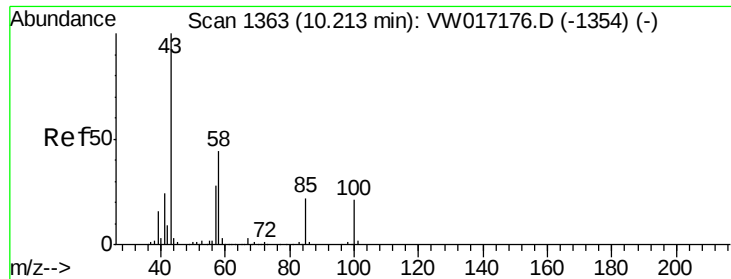
Ion Ratio Lower Upper

84 100

49 102.4 72.3 134.3

86 65.2 45.1 83.7





#43

4-Methyl-2-pentanone

Concen: 1.008 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017193.D

Acq: 12 Nov 2020 18:29

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VIBLK06

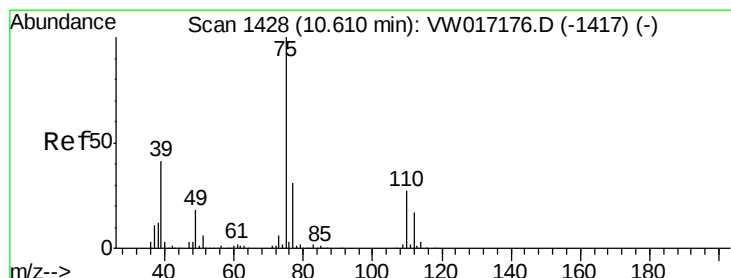
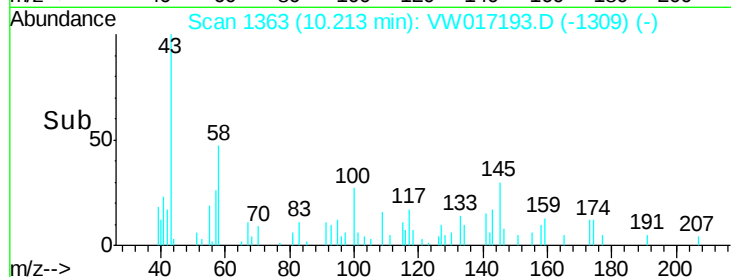
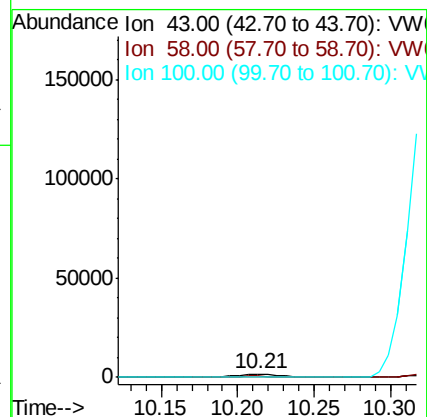
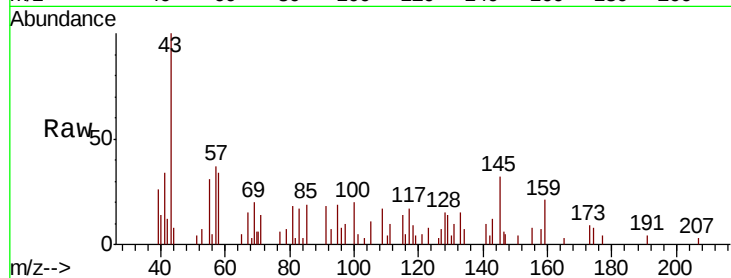
Tot Ion: 43 Resp: 3078

Ion Ratio Lower Upper

43 100

58 35.6 35.0 52.6

100 16.1 16.6 24.8#



#45

trans-1,3-Dichloropropene

Concen: 0.458 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017193.D

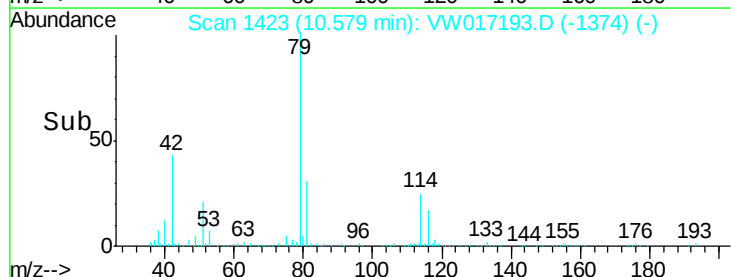
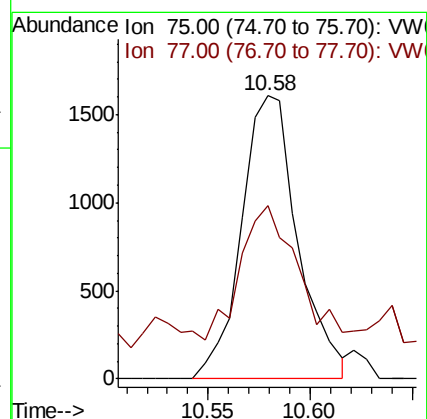
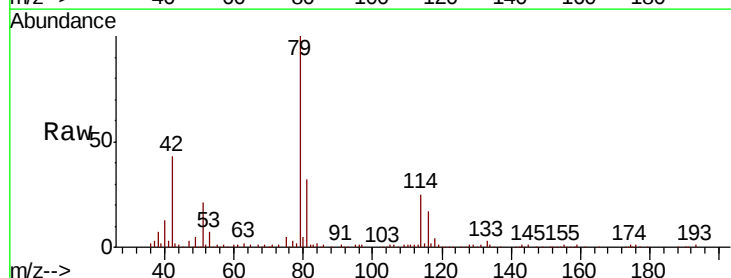
Acq: 12 Nov 2020 18:29

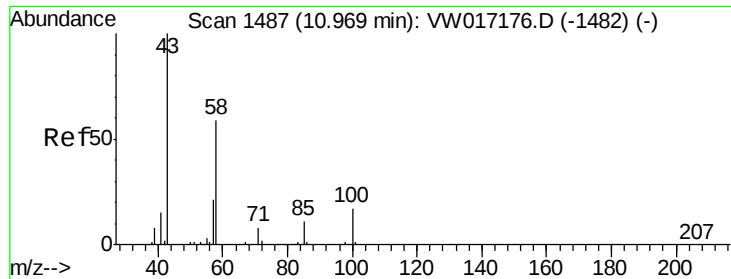
Tgt Ion: 75 Resp: 3085

Ion Ratio Lower Upper

75 100

77 61.4 22.1 41.1#

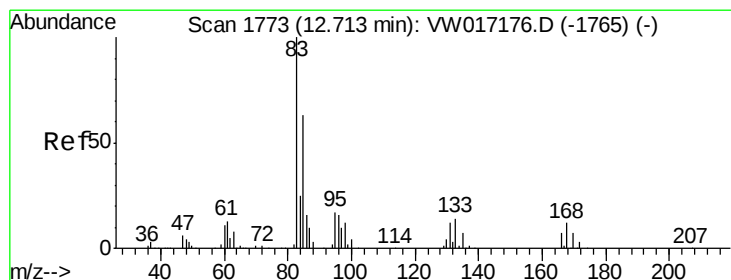
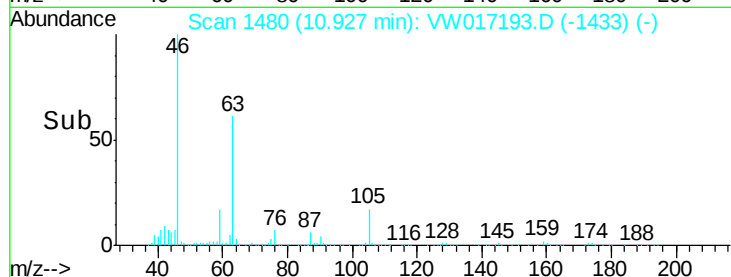
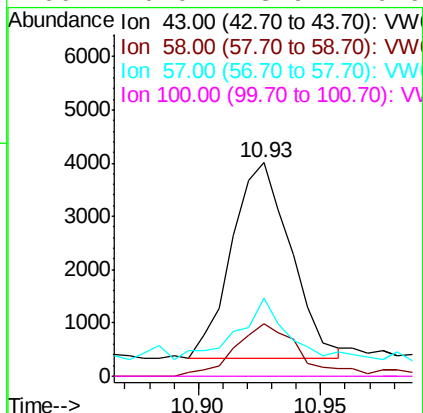
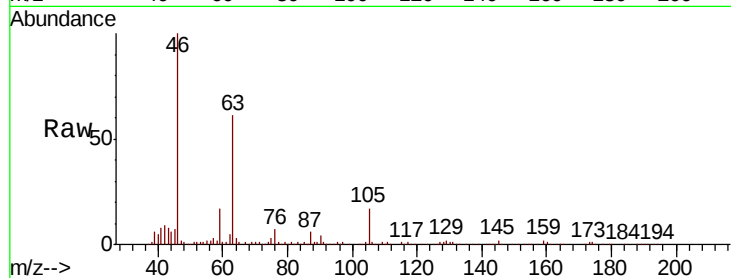




#49
2-Hexanone
Concen: 3.343 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW017193.D
Acq: 12 Nov 2020 18:29

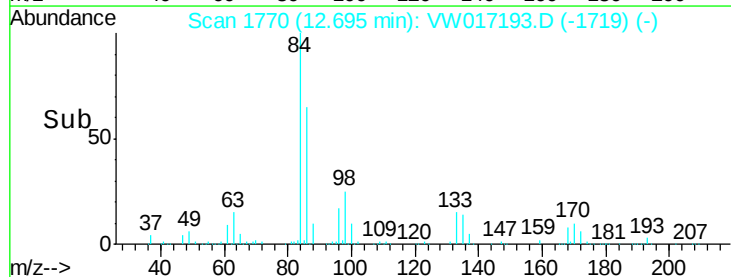
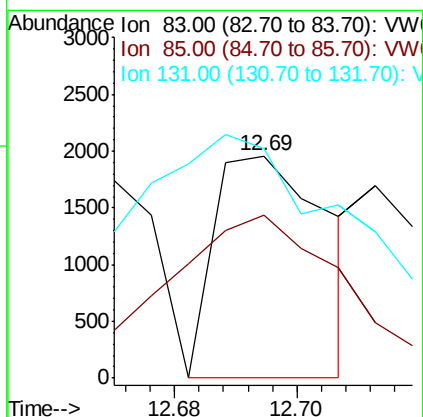
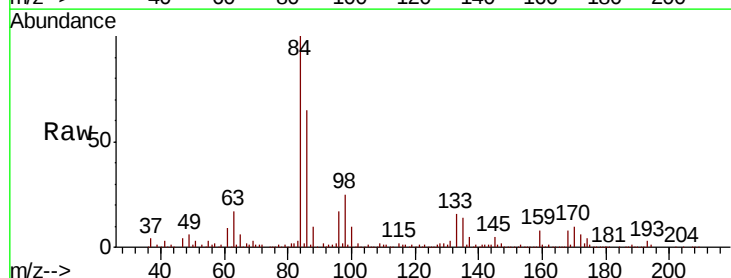
Instrument :
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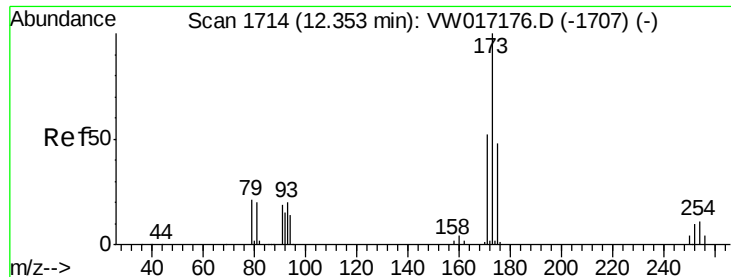
Tot Ion:	43	Resp:	6153
Ion	Ratio	Lower	Upper
43	100		
58	29.2	50.6	75.8#
57	23.6	17.8	26.6
100	0.0	13.9	20.9#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.510 ug/L
RT: 12.69 min Scan# 1770
Delta R.T. -0.02 min
Lab File: VW017193.D
Acq: 12 Nov 2020 18:29

Tgt Ion:	83	Resp:	2512
Ion	Ratio	Lower	Upper
83	100		
85	73.1	44.9	83.5
131	103.1	8.8	13.2#

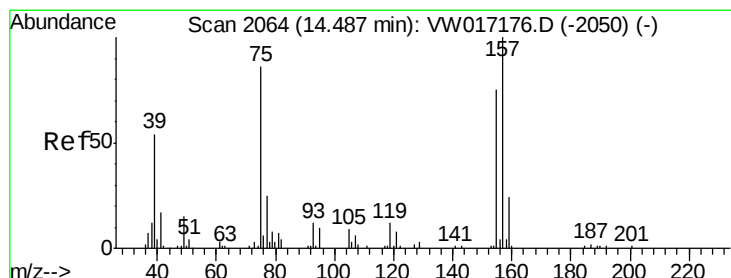
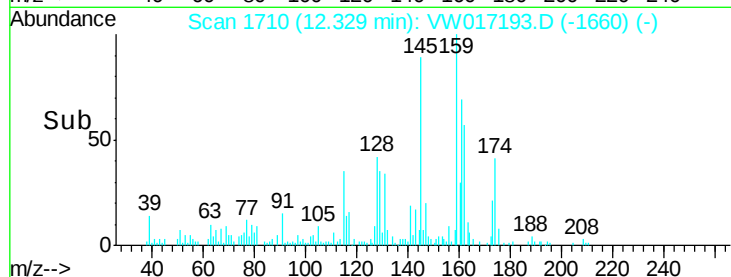
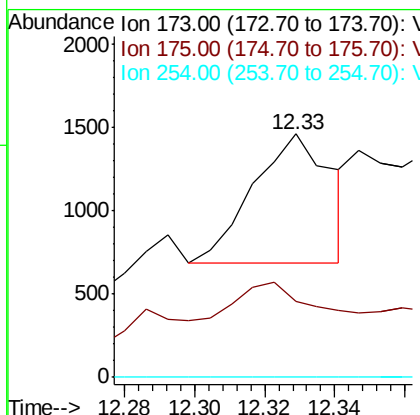
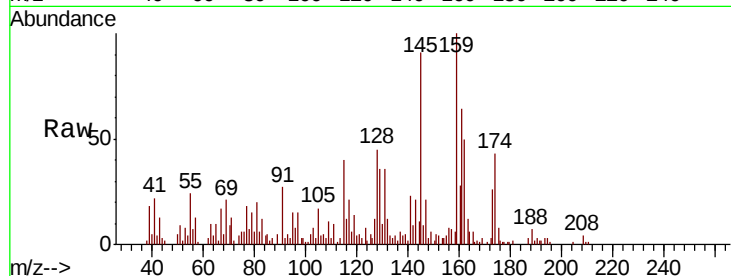




#62
Bromoform
Concen: 0.381 ug/L
RT: 12.33 min Scan# 1710
Delta R.T. -0.02 min
Lab File: VW017193.D
Acq: 12 Nov 2020 18:29

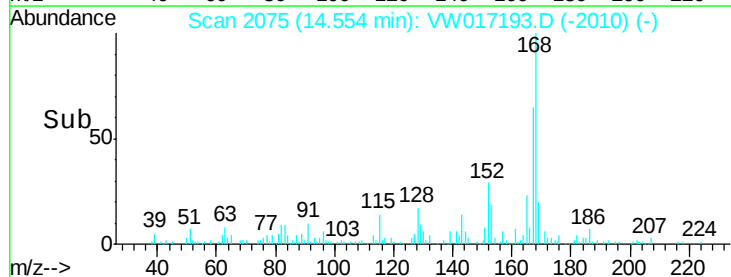
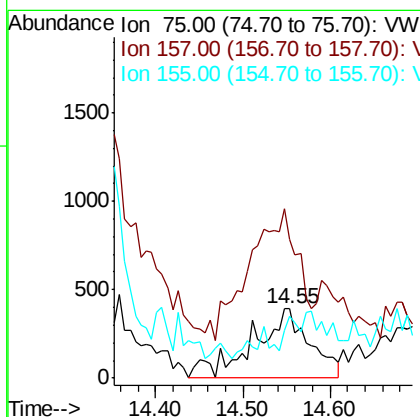
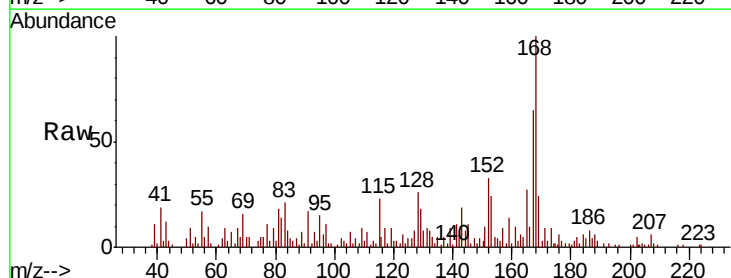
Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

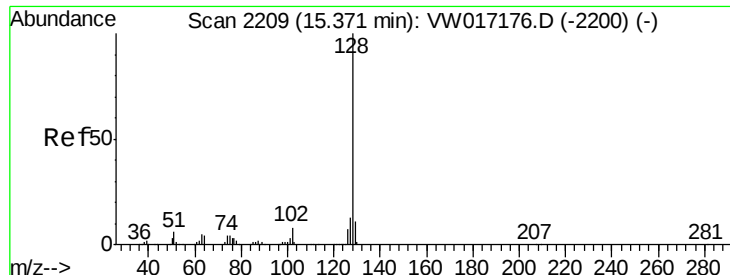
Tot Ion:173 Resp: 1222
Ion Ratio Lower Upper
173 100
175 25.2 38.3 57.5#
254 0.0 8.1 12.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 2.304 ug/L
RT: 14.55 min Scan# 2075
Delta R.T. 0.07 min
Lab File: VW017193.D
Acq: 12 Nov 2020 18:29

Tgt Ion: 75 Resp: 1788
Ion Ratio Lower Upper
75 100
157 199.5 108.2 162.4#
155 89.8 79.1 118.7





#69

Naphthalene

Concen: 0.400 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW017193.D

Acq: 12 Nov 2020 18:29

Instrument :

MSVOA_W

ClientSampleId :

VIBLK06

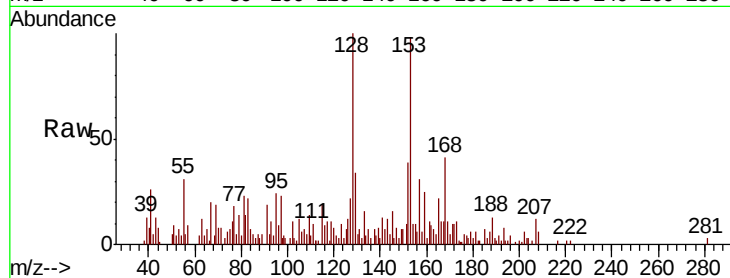
Tot Ion:128 Resp: 5632

Ion Ratio Lower Upper

128 100

129 15.8 8.6 12.8#

127 9.2 10.2 15.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

