

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042020\
 Data File : VW015233.D
 Acq On : 20 Apr 2020 19:41
 Operator : SY/VA
 Sample : L2344-01
 Misc : 7.42G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-1

Quant Time: Apr 21 07:37:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

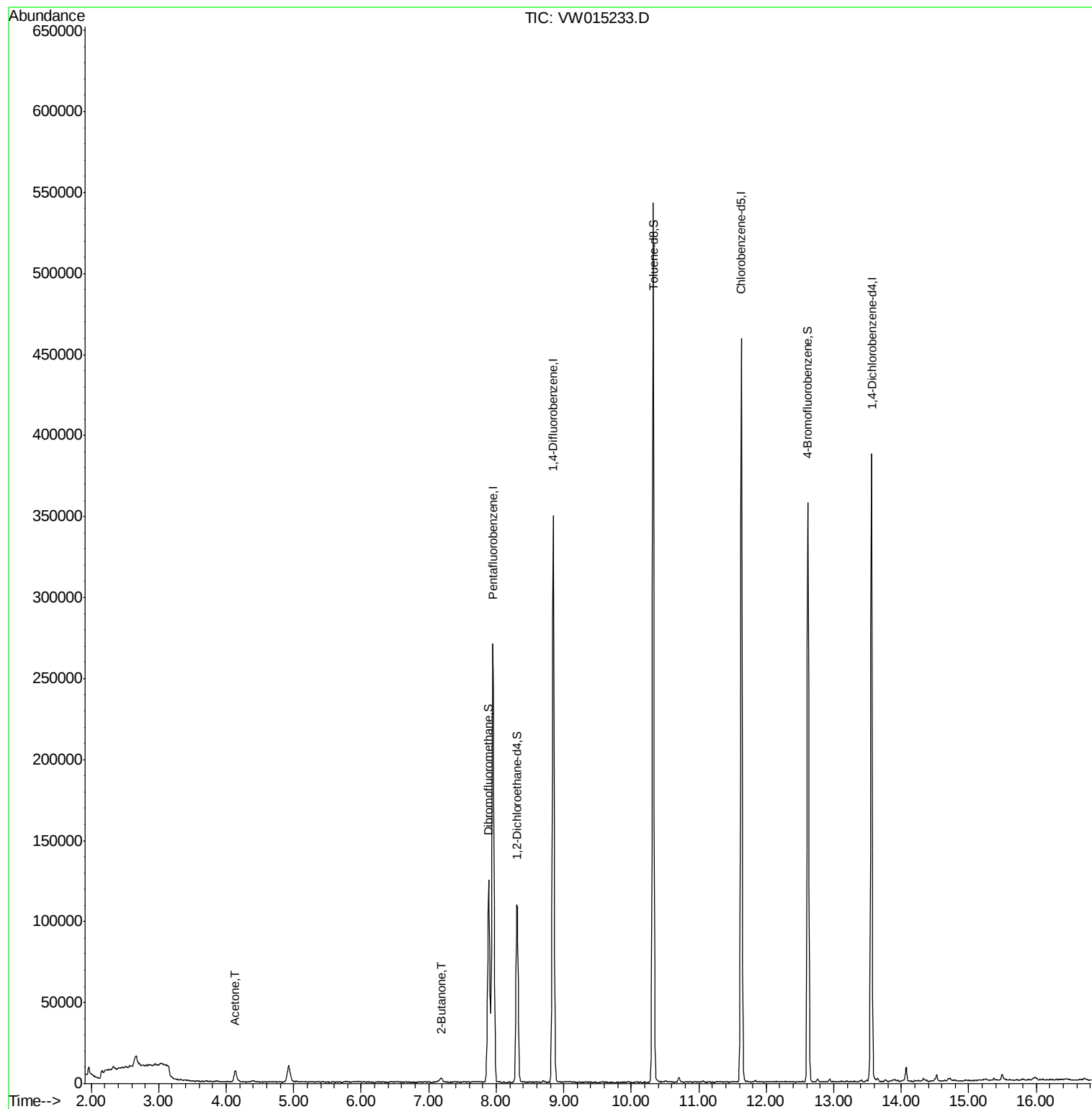
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	306616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88490	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	7.88	113	88367	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
50) Toluene-d8	10.32	98	366186	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	117288	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
16) Acetone	4.14	43	13126	42.532	ug/l	93
25) 2-Butanone	7.18	43	4465	10.905	ug/l	97

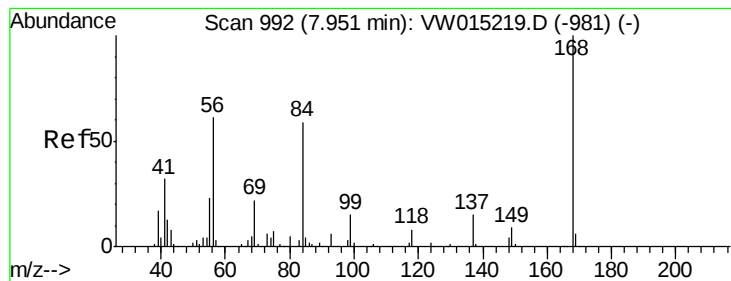
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampled :

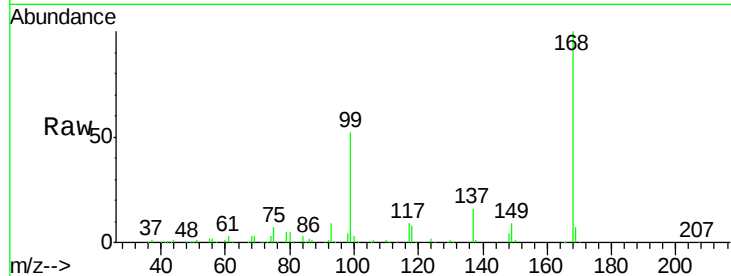
TP-2-1

Tot Ion:168 Resp: 216074

Ion Ratio Lower Upper

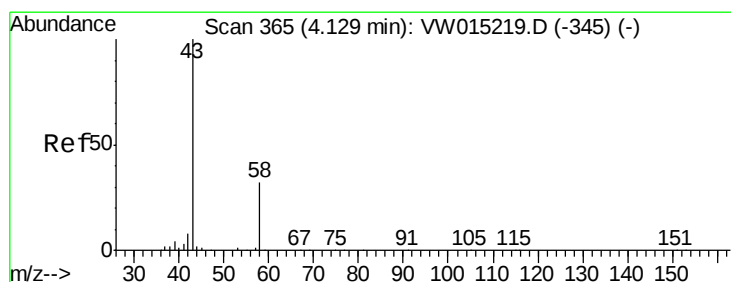
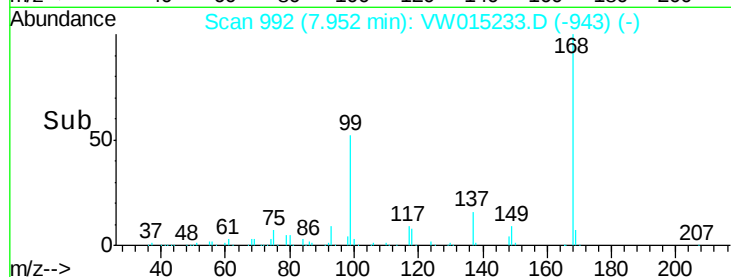
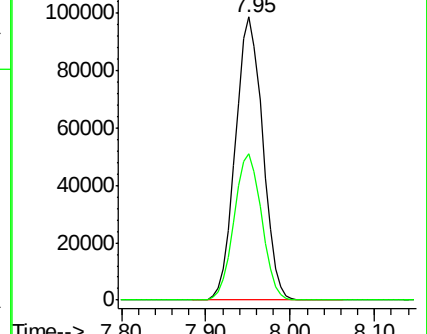
168 100

99 51.6 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 42.532 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015233.D

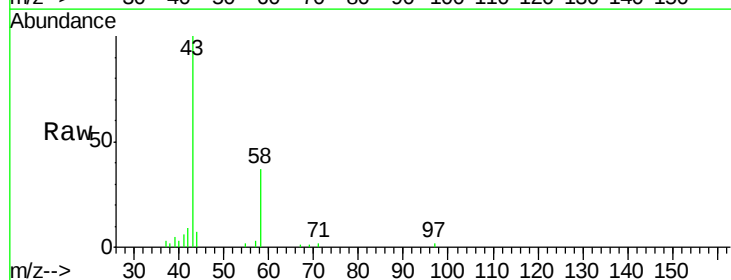
Acq: 20 Apr 2020 19:41

Tgt Ion: 43 Resp: 13126

Ion Ratio Lower Upper

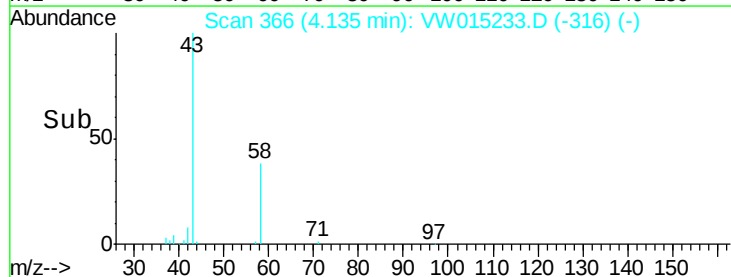
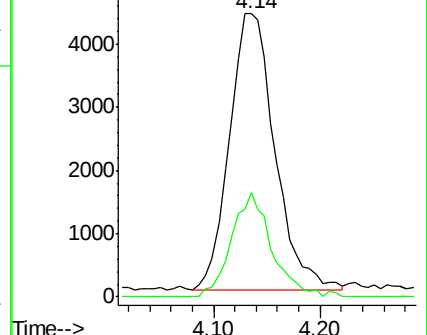
43 100

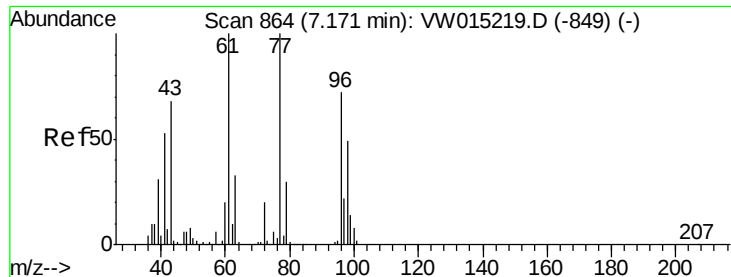
58 37.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 10.905 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampled :

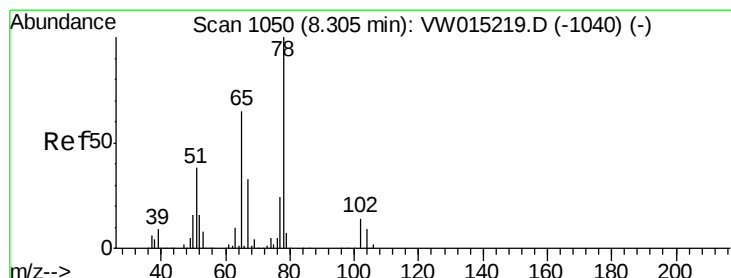
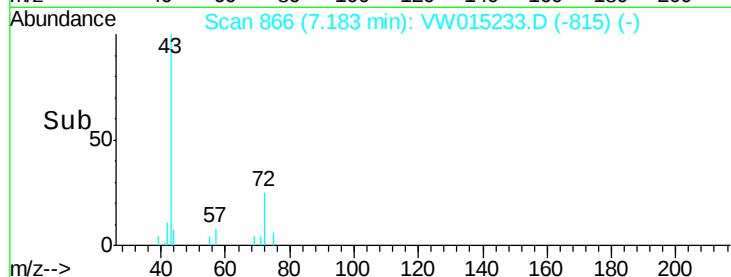
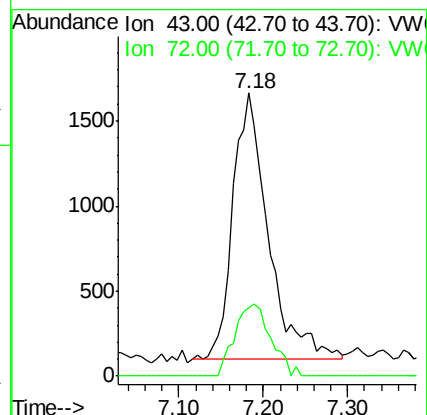
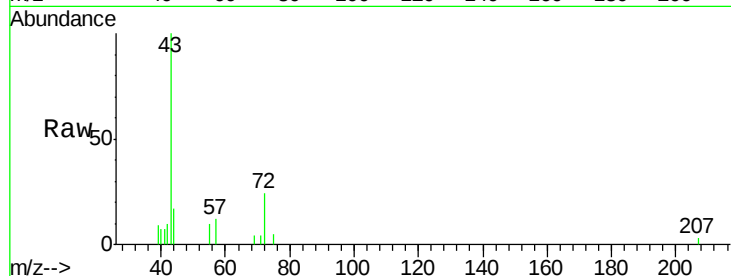
TP-2-1

Tot Ion: 43 Resp: 4465

Ion Ratio Lower Upper

43 100

72 25.7 21.6 32.4



#33

1,2-Dichloroethane-d4

Concen: 50.081 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015233.D

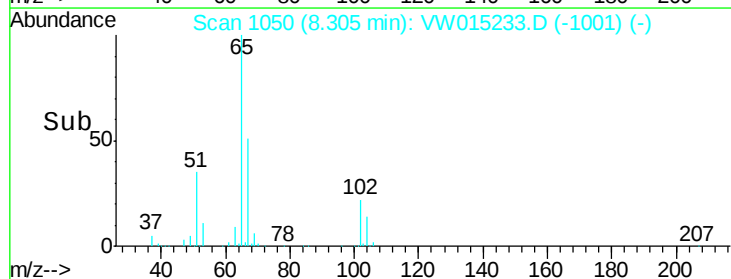
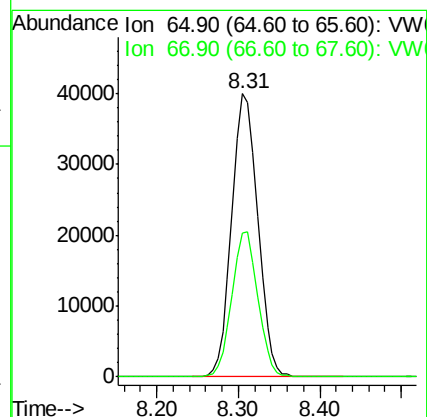
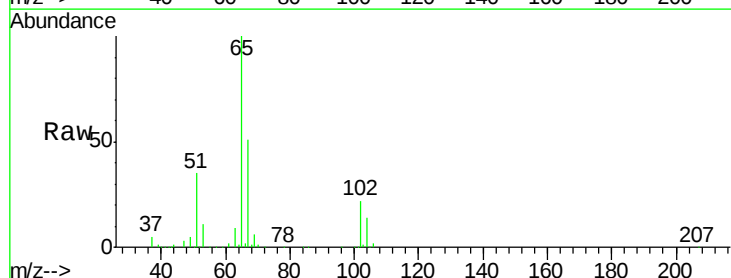
Acq: 20 Apr 2020 19:41

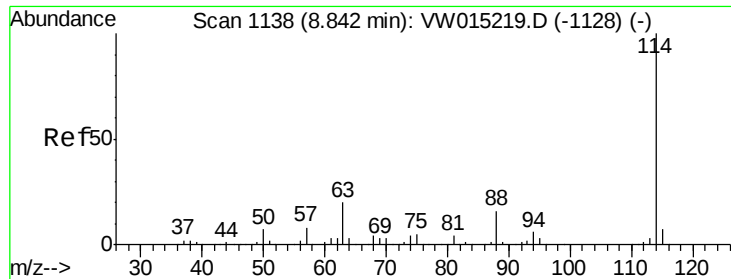
Tgt Ion: 65 Resp: 88490

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.0

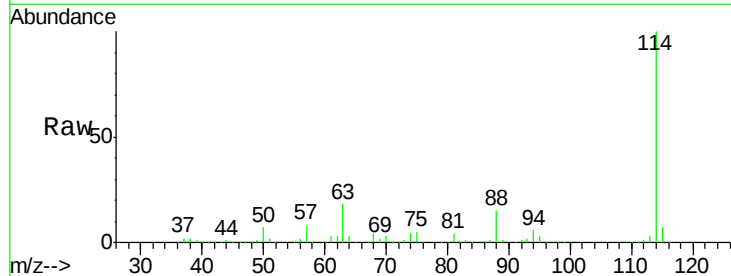




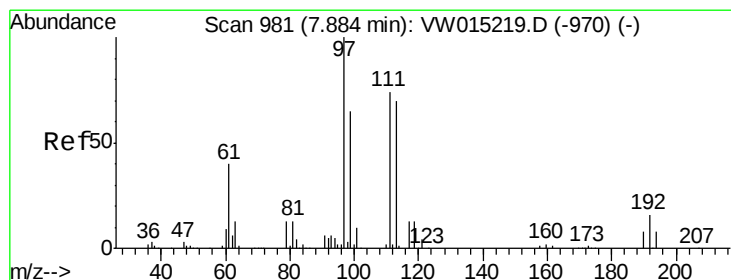
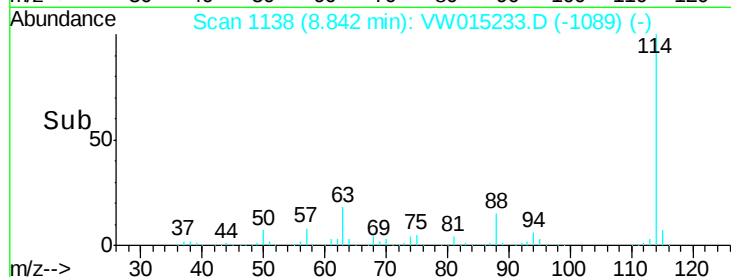
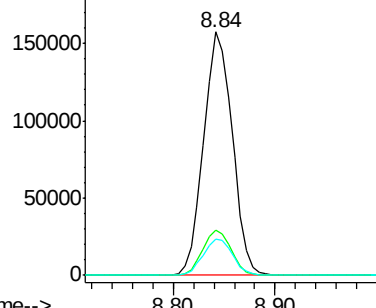
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

Instrument :
MSVOA_W
ClientSampleId :
TP-2-1

Tot Ion:114 Resp: 306616
Ion Ratio Lower Upper
114 100
63 18.4 0.0 39.8
88 15.1 0.0 30.2

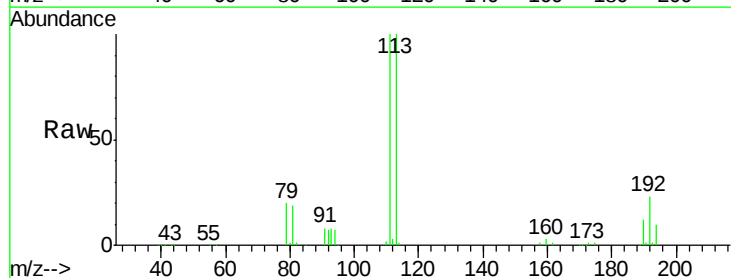


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

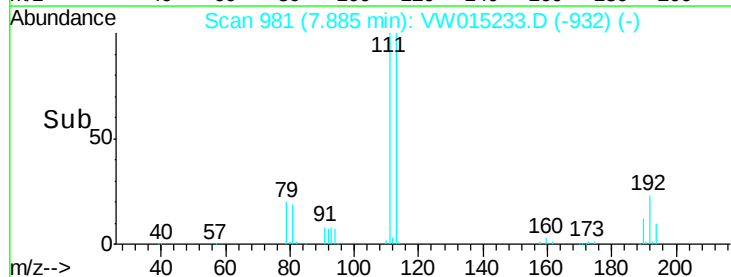
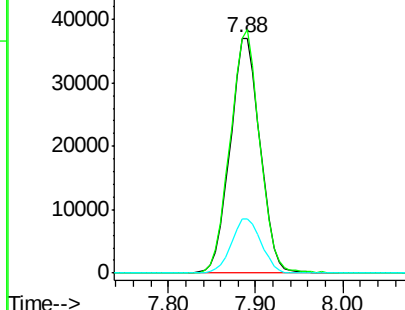


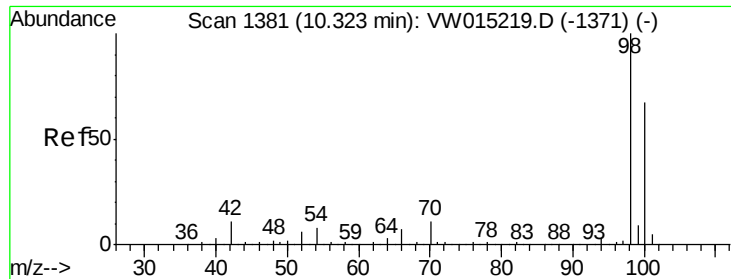
#35
Dibromofluoromethane
Concen: 52.030 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

Tgt Ion:113 Resp: 88367
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 22.9 15.1 22.7#



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.253 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

Instrument :

MSVOA_W

ClientSampleId :

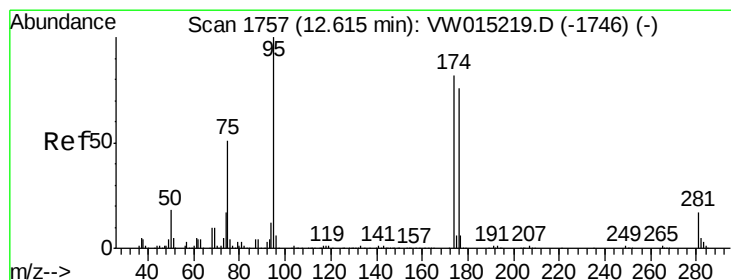
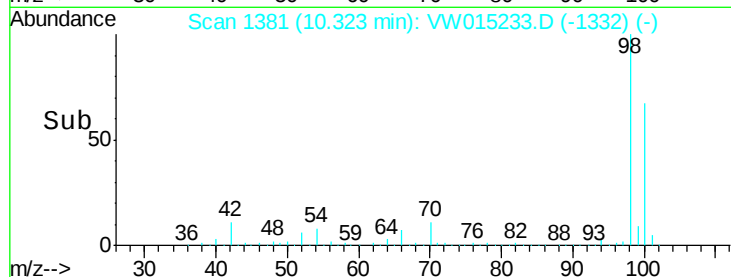
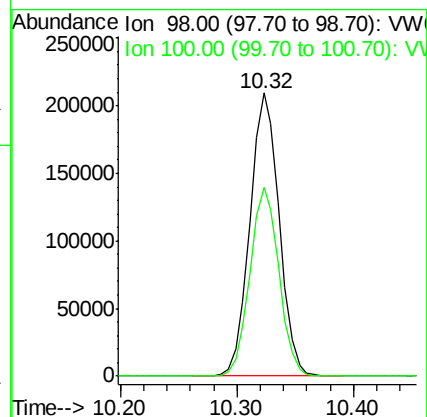
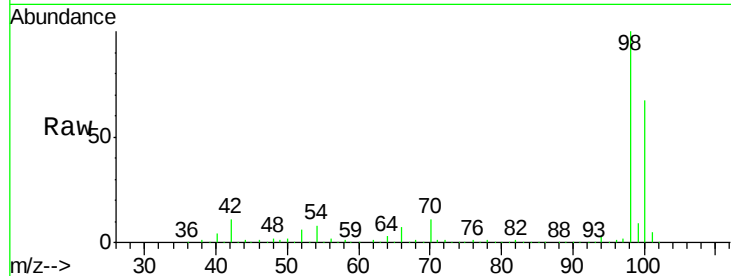
TP-2-1

Tot Ion: 98 Resp: 366186

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 43.025 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015233.D

Acq: 20 Apr 2020 19:41

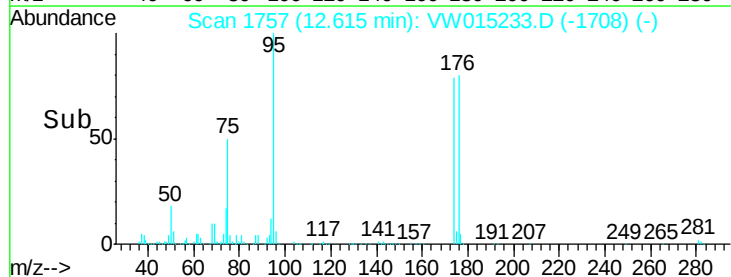
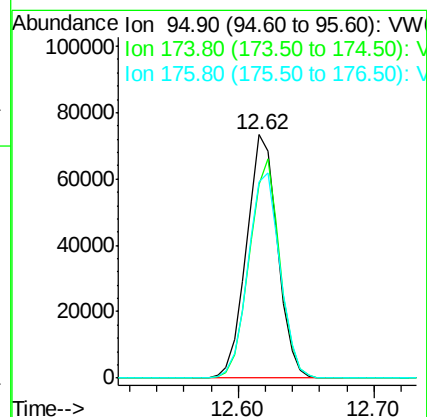
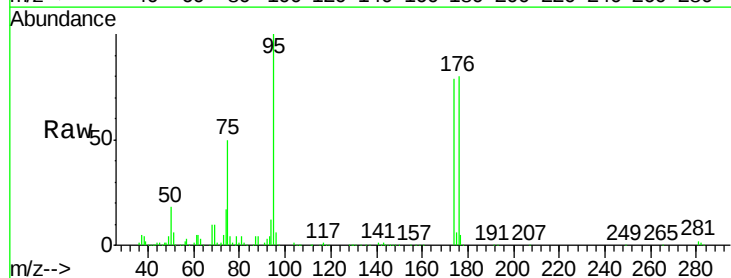
Tgt Ion: 95 Resp: 117288

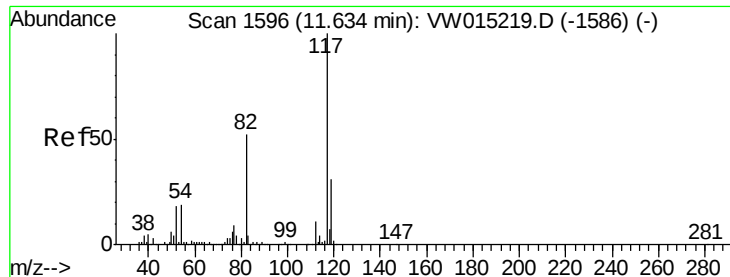
Ion Ratio Lower Upper

95 100

174 88.2 0.0 144.4

176 86.6 0.0 140.6

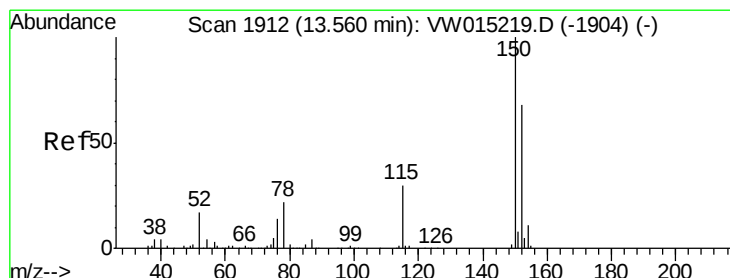
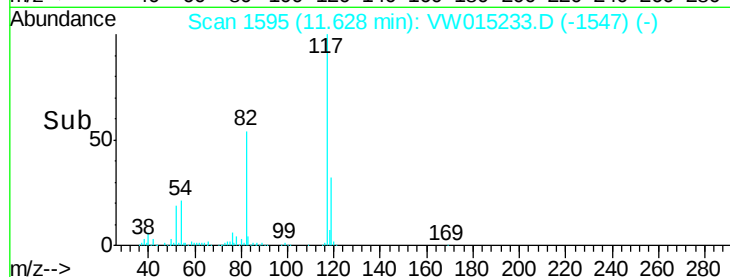
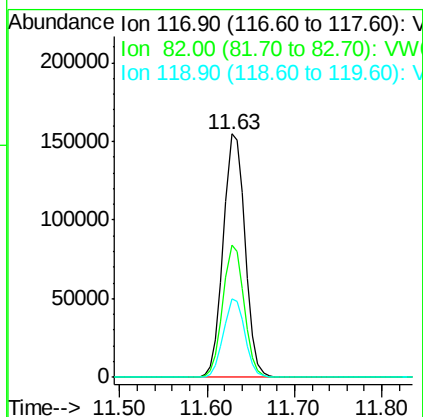
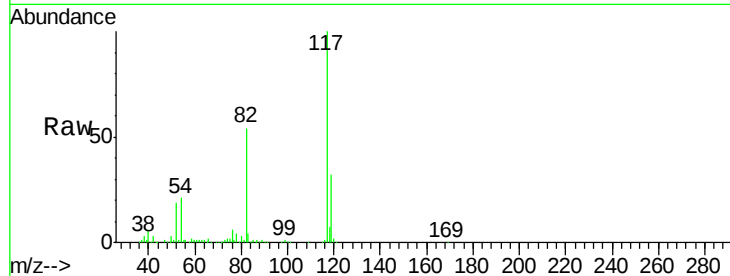




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

Instrument :
MSVOA_W
ClientSampleId :
TP-2-1

Tot Ion:117 Resp: 267370
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.1 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015233.D
Acq: 20 Apr 2020 19:41

Tgt Ion:152 Resp: 108608
Ion Ratio Lower Upper
152 100
115 57.1 31.3 93.9
150 157.3 0.0 343.4

