

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015193.D
 Acq On : 11 Mar 2020 12:23
 Operator : JC/SP
 Sample : L1852-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2

Quant Time: Mar 12 07:26:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	320738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	537456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	514951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	263717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	206888	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
35) Dibromofluoromethane	5.49	113	170752	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	8.71	98	659407	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	238791	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	

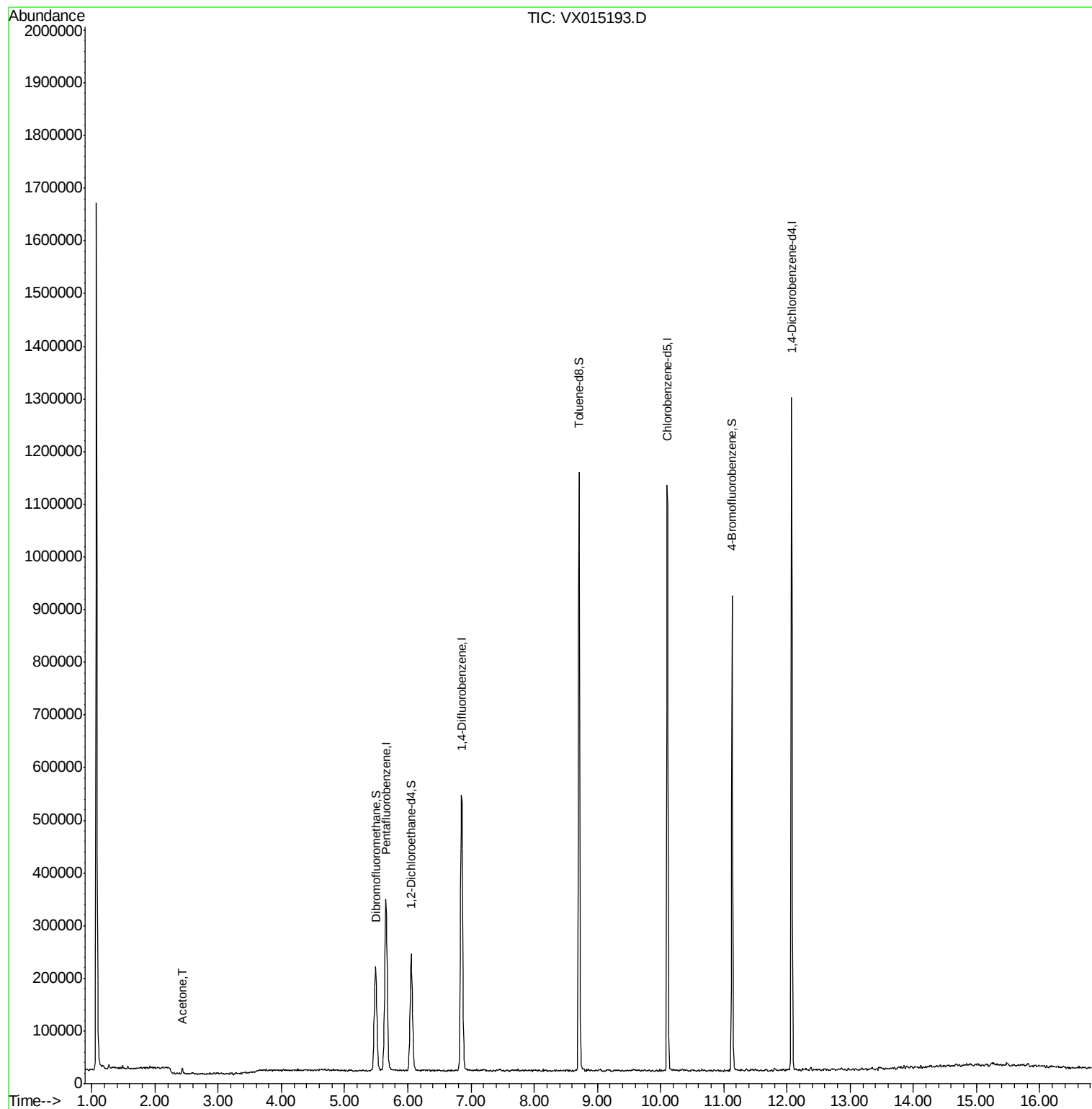
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	11565	7.50	ug/l	93

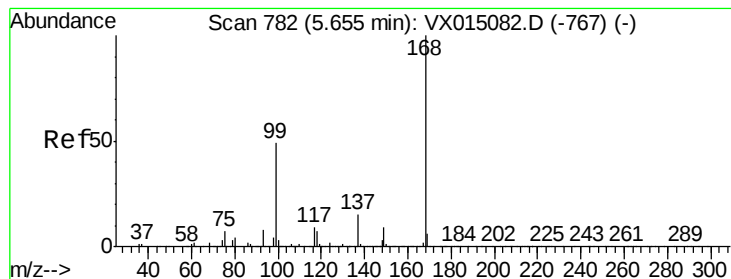
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015193.D

Acq: 11 Mar 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

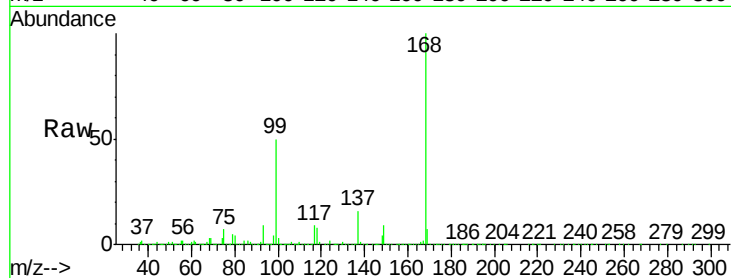
TP-2

Tgt Ion:168 Resp: 320738

Ion Ratio Lower Upper

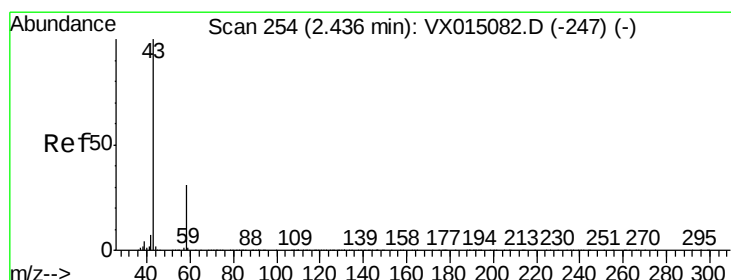
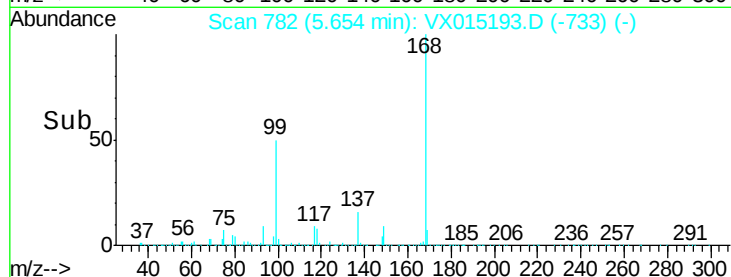
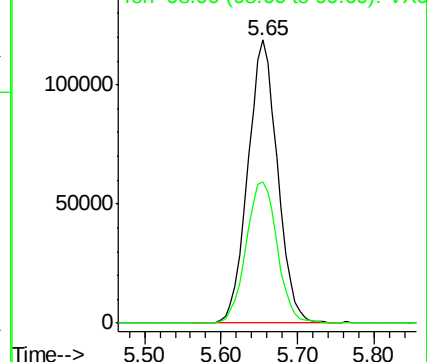
168 100

99 49.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.50 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015193.D

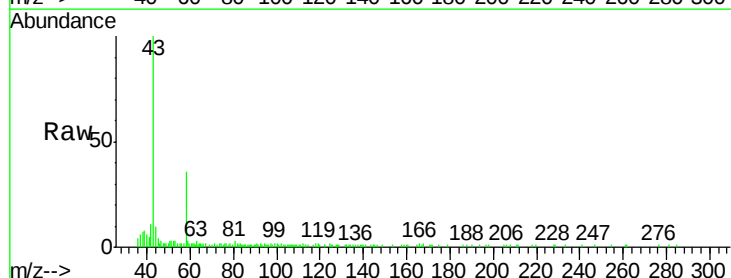
Acq: 11 Mar 2020 12:23

Tgt Ion: 43 Resp: 11565

Ion Ratio Lower Upper

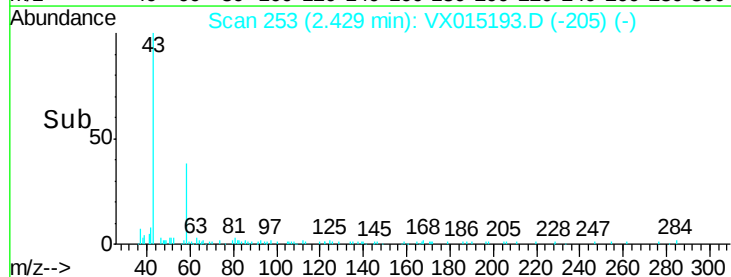
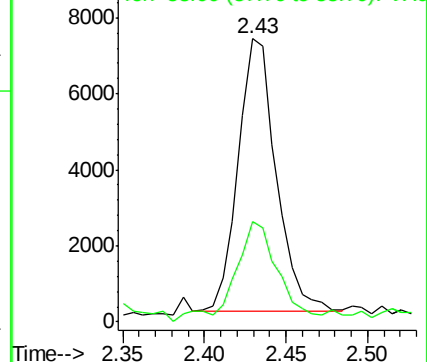
43 100

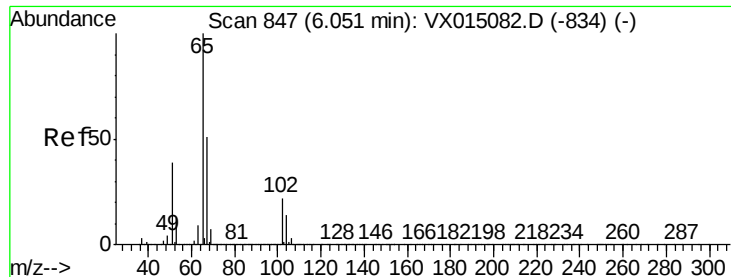
58 34.6 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.37 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015193.D

Acq: 11 Mar 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

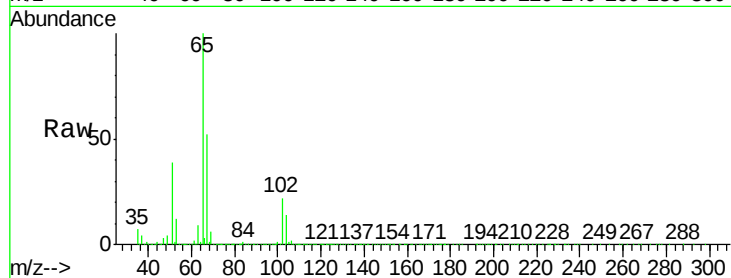
TP-2

Tgt Ion: 65 Resp: 206888

Ion Ratio Lower Upper

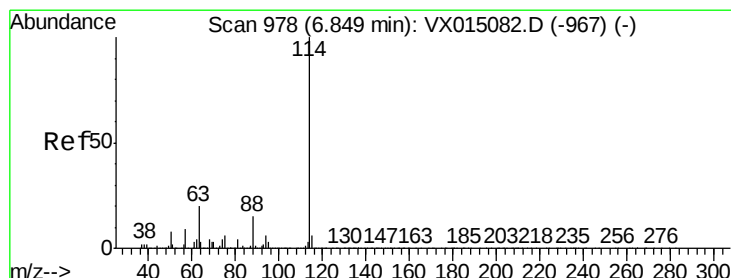
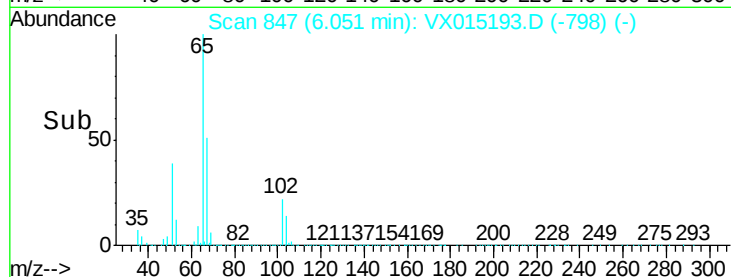
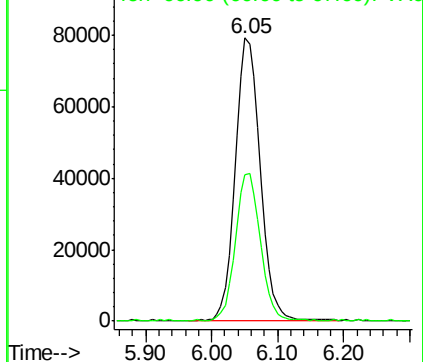
65 100

67 52.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015193.D

Acq: 11 Mar 2020 12:23

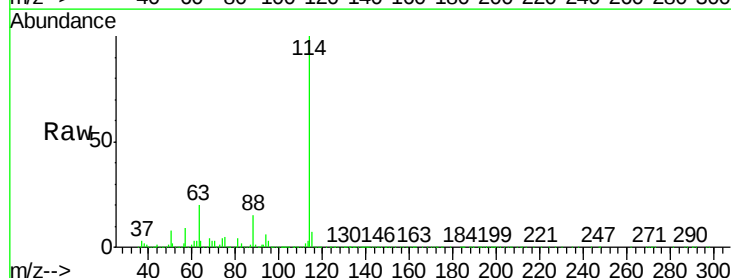
Tgt Ion: 114 Resp: 537456

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

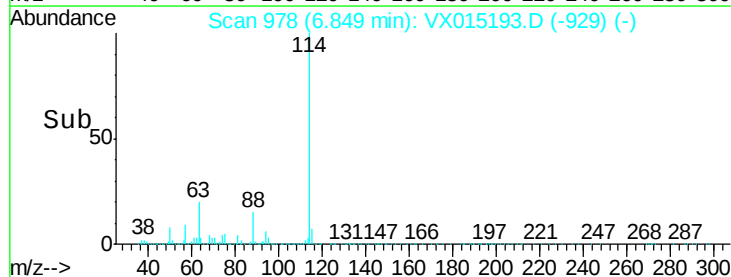
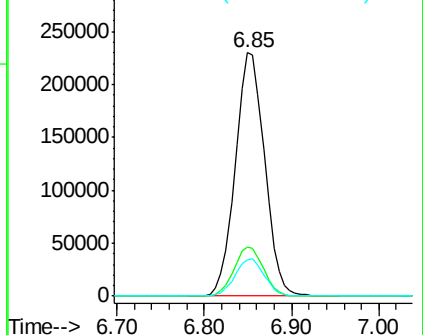
88 14.9 0.0 30.6

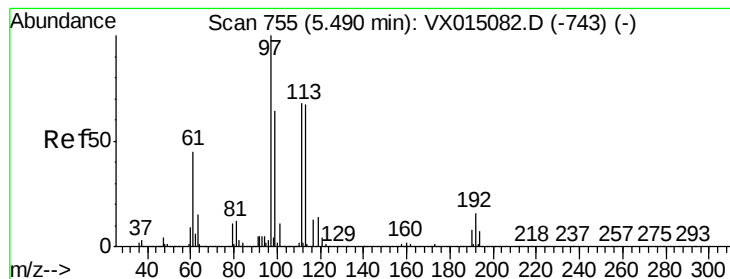


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.36 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015193.D

Acq: 11 Mar 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

TP-2

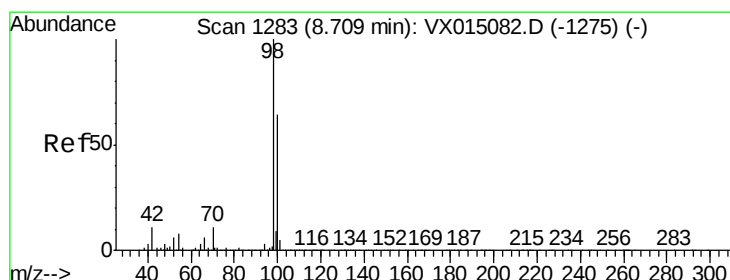
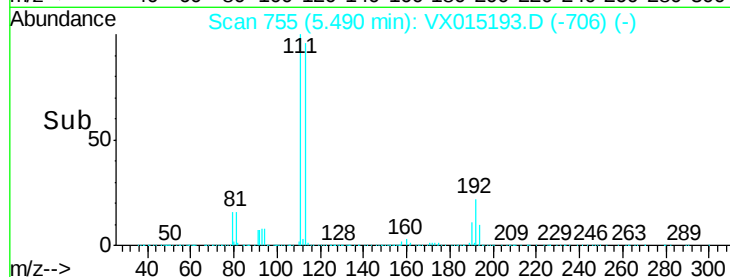
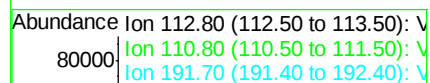
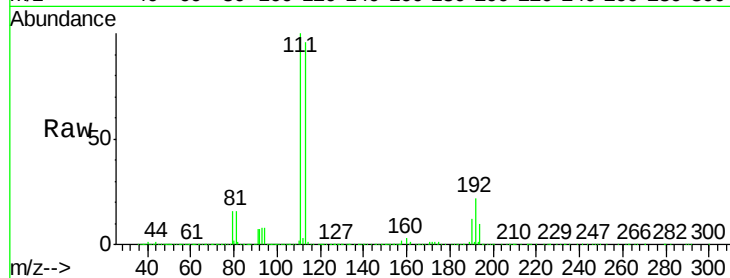
Tgt Ion:113 Resp: 170752

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

192 23.2 18.6 28.0



#50

Toluene-d8

Concen: 51.13 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015193.D

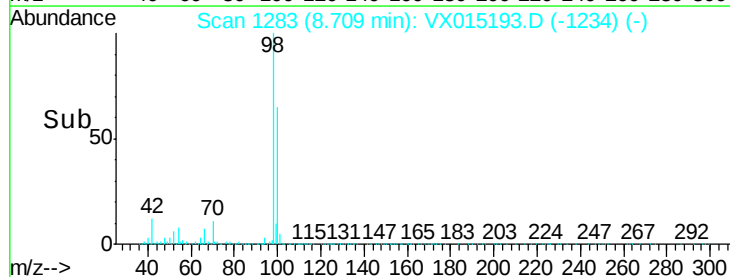
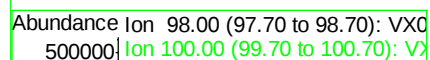
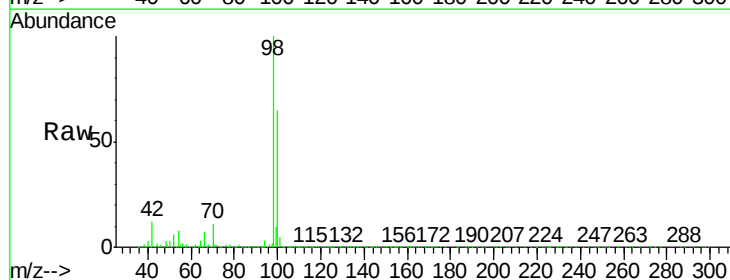
Acq: 11 Mar 2020 12:23

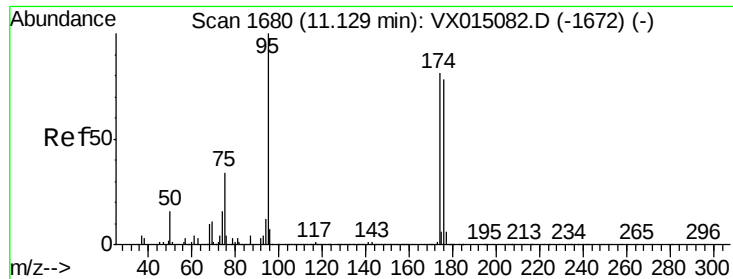
Tgt Ion: 98 Resp: 659407

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6

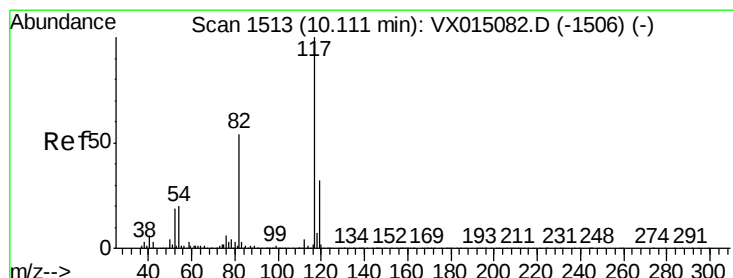
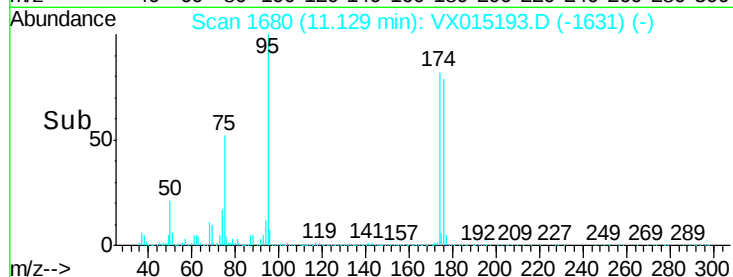
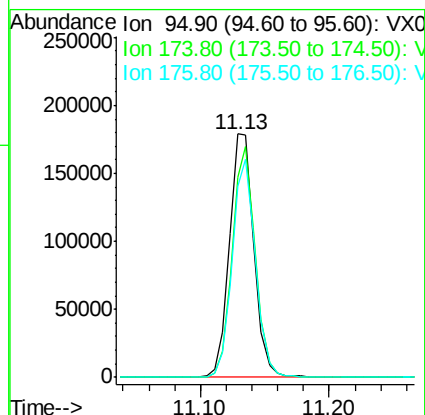
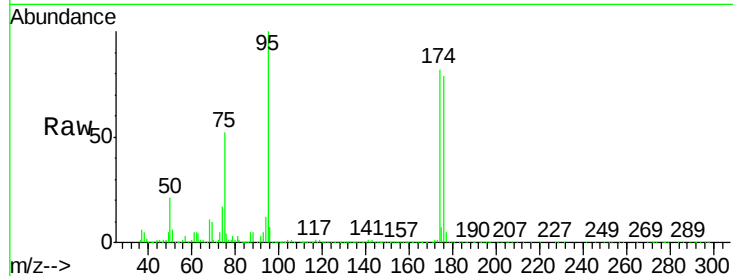




#62
4-Bromofluorobenzene
Concen: 51.91 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015193.D
Acq: 11 Mar 2020 12:23

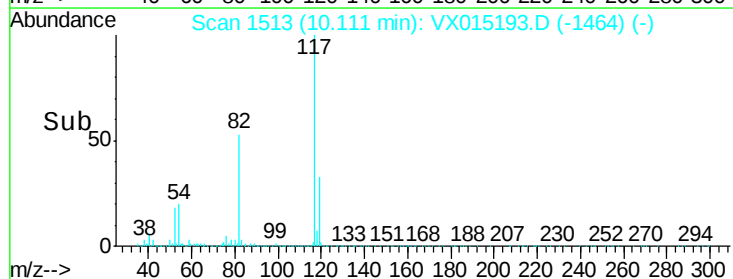
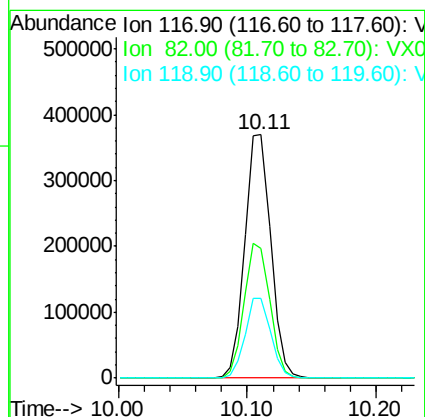
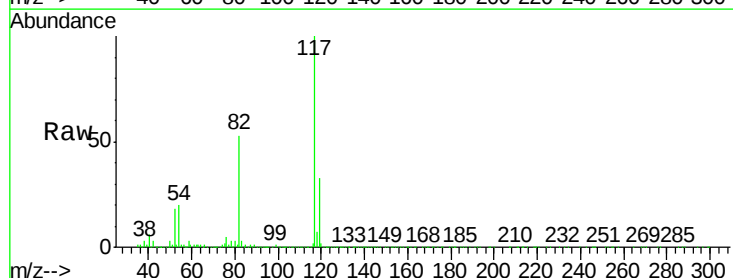
Instrument :
MSVOA_X
ClientSampleId :
TP-2

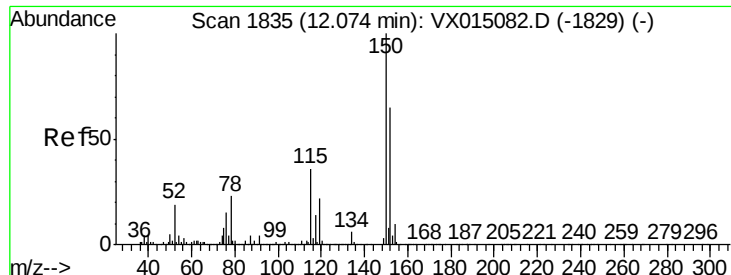
Tgt Ion: 95 Resp: 238791
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.6
176 85.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015193.D
Acq: 11 Mar 2020 12:23

Tgt Ion: 117 Resp: 514951
Ion Ratio Lower Upper
117 100
82 53.2 43.3 64.9
119 32.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015193.D

Acq: 11 Mar 2020 12:23

Instrument :

MSVOA_X

ClientSampleId :

TP-2

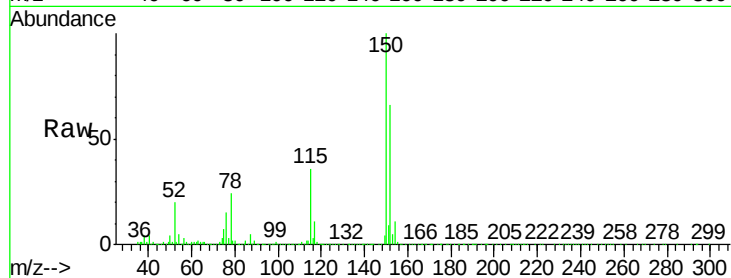
Tgt Ion:152 Resp: 263717

Ion Ratio Lower Upper

152 100

115 54.8 38.2 114.6

150 153.9 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

