

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014533.D
 Acq On : 10 Jan 2020 13:39
 Operator : JC/SP
 Sample : L1080-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Jan 10 14:09:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	496190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	759477	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	672729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306974	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	275716	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	223050	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	8.71	98	891497	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	302622	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

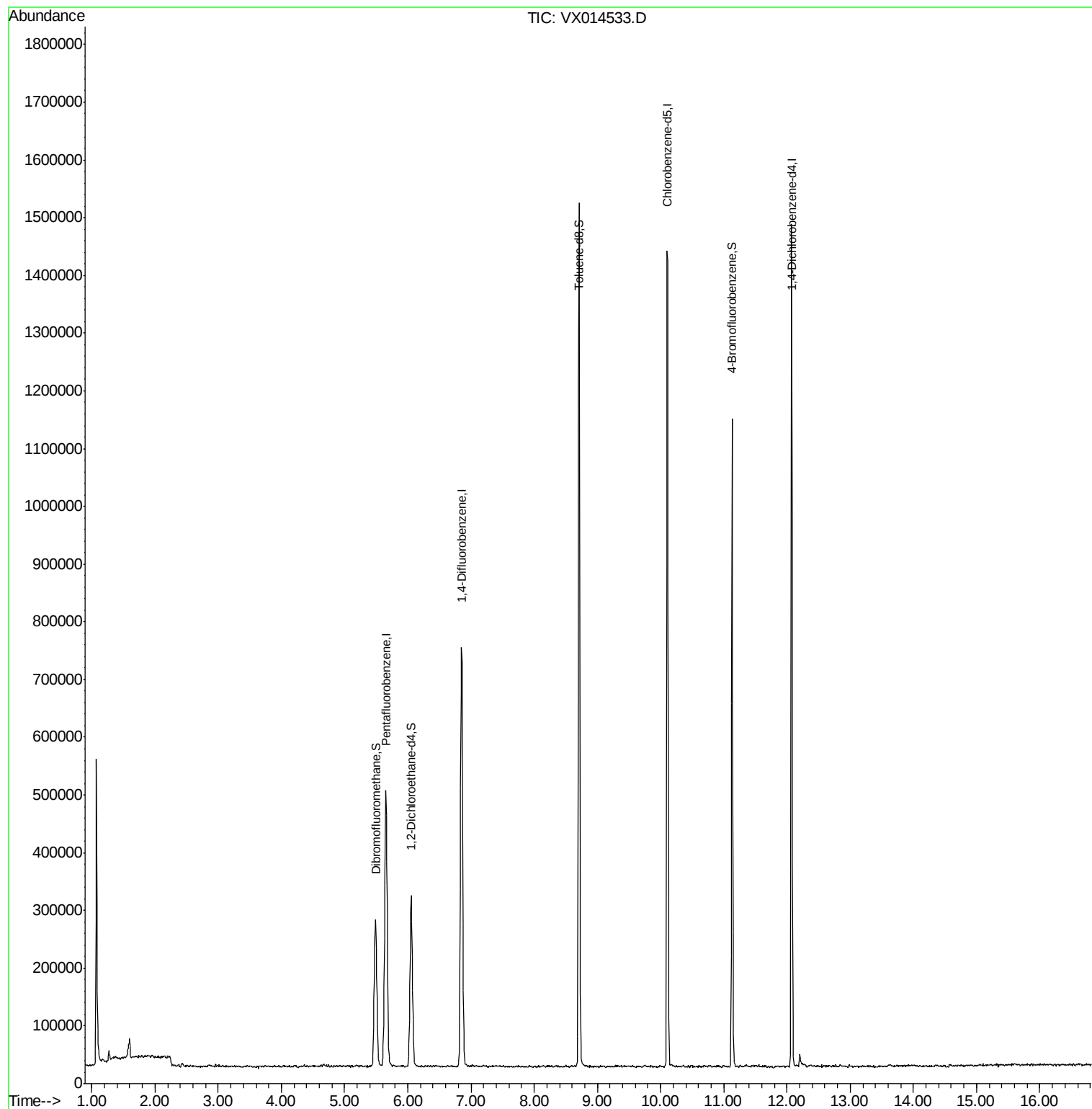
Target Compounds	Qvalue

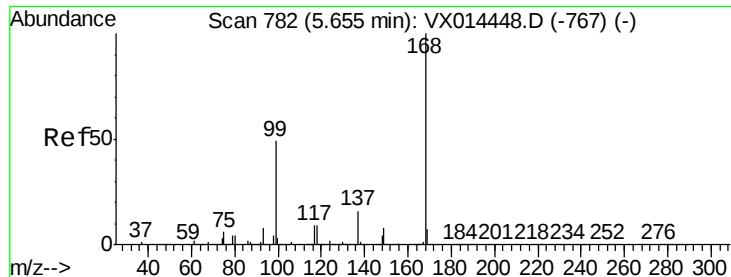
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014533.D

Acq: 10 Jan 2020 13:39

Instrument :

MSVOA_X

ClientSampled :

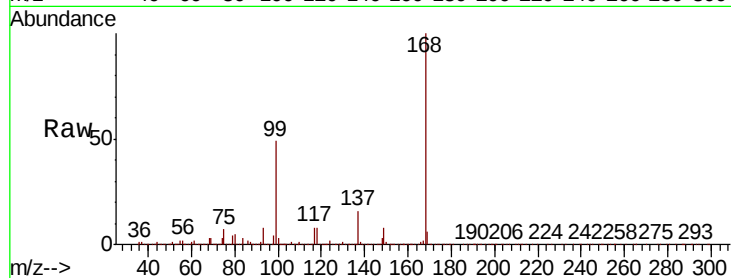
TB

Tot Ion:168 Resp: 496190

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

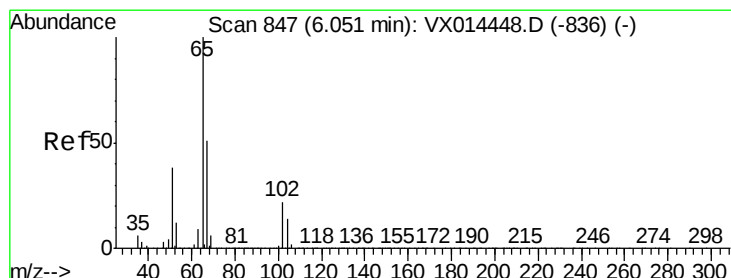
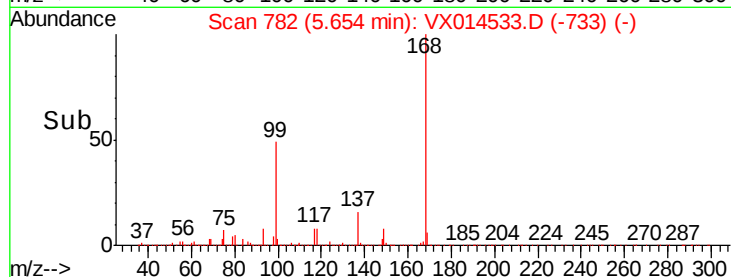
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.776 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014533.D

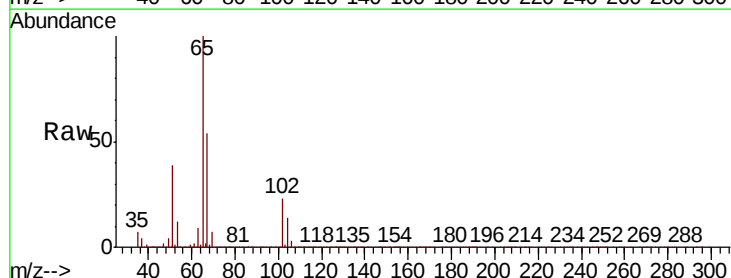
Acq: 10 Jan 2020 13:39

Tgt Ion: 65 Resp: 275716

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

60000

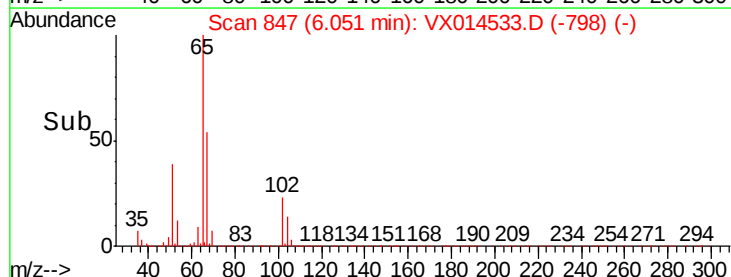
40000

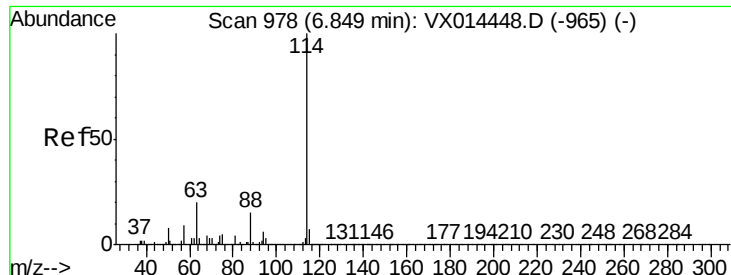
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014533.D

Acq: 10 Jan 2020 13:39

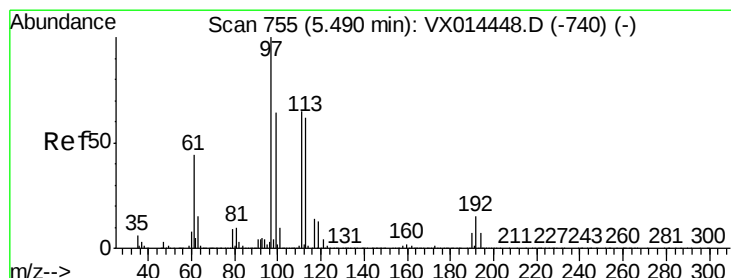
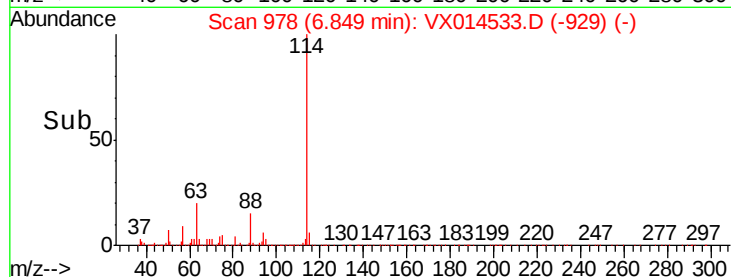
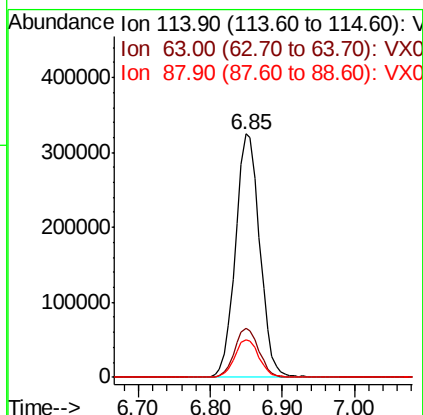
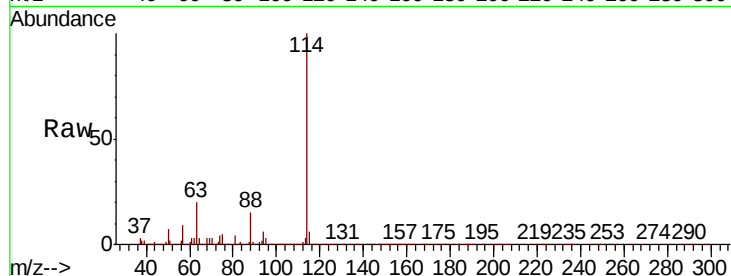
Instrument :

MSVOA_X

ClientSampleId :

TB

Tot Ion:	114	Resp:	759477
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.4	0.0	30.8



#35

Dibromofluoromethane

Concen: 48.516 ug/l

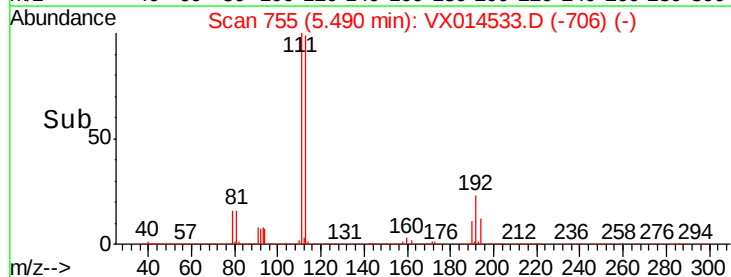
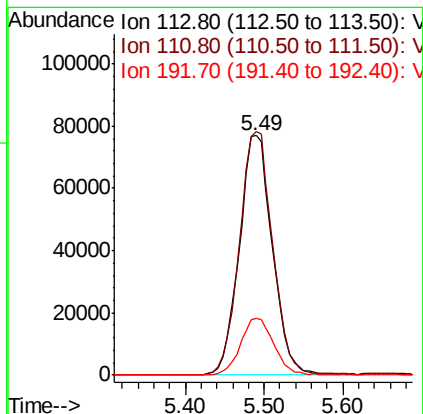
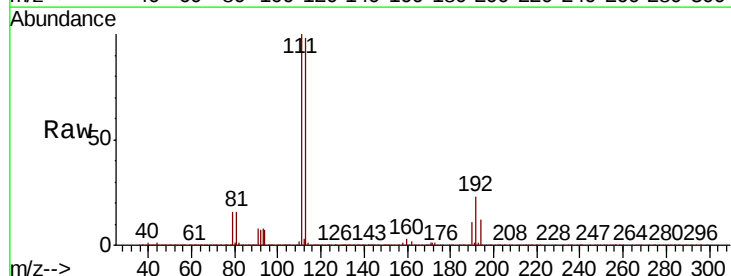
RT: 5.49 min Scan# 755

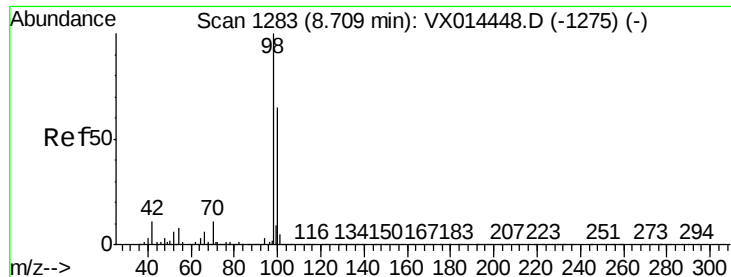
Delta R.T. -0.00 min

Lab File: VX014533.D

Acq: 10 Jan 2020 13:39

Tgt Ion:	113	Resp:	223050
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.5	122.3
192	24.1	19.2	28.8





#50

Toluene-d8

Concen: 49.969 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014533.D

Acq: 10 Jan 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

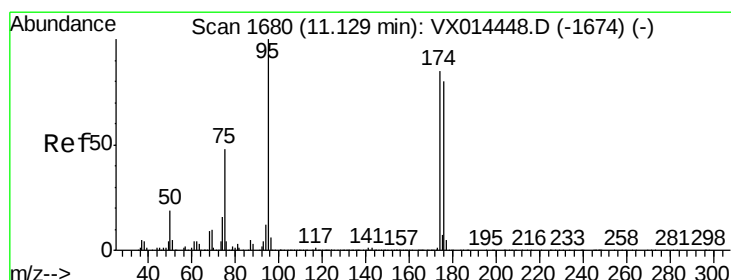
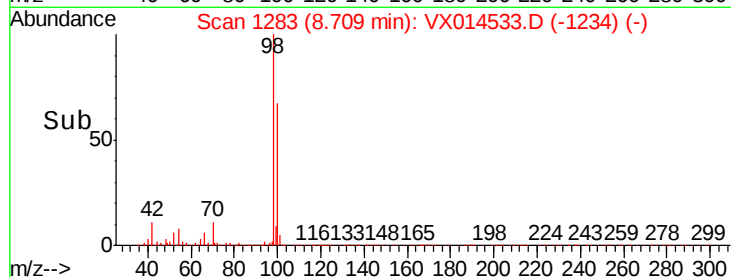
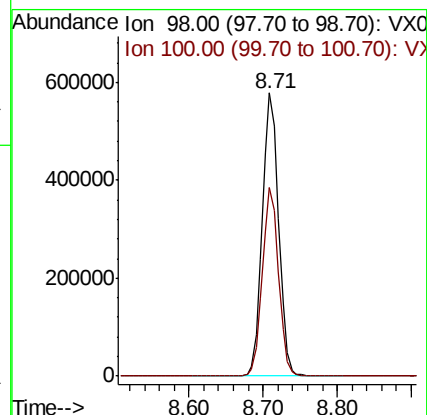
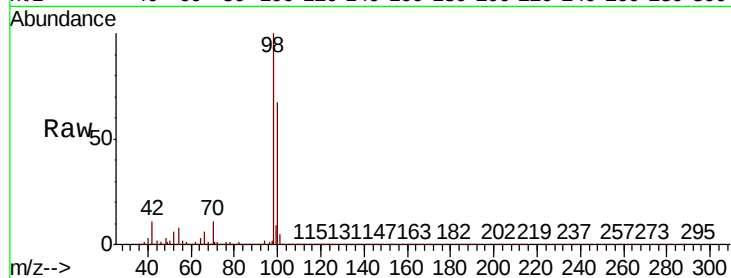
TB

Tot Ion: 98 Resp: 891497

Ion Ratio Lower Upper

98 100

100 66.0 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 46.204 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014533.D

Acq: 10 Jan 2020 13:39

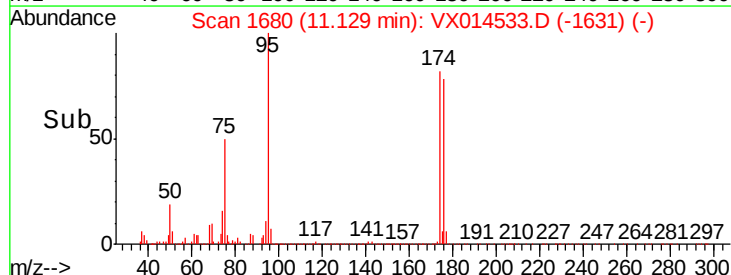
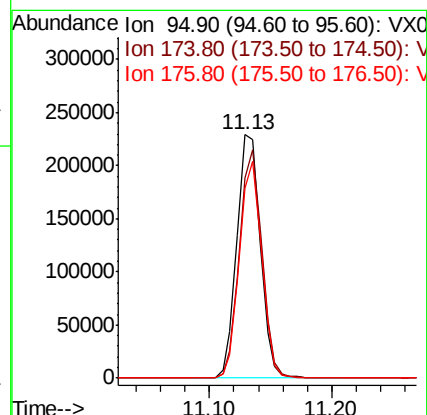
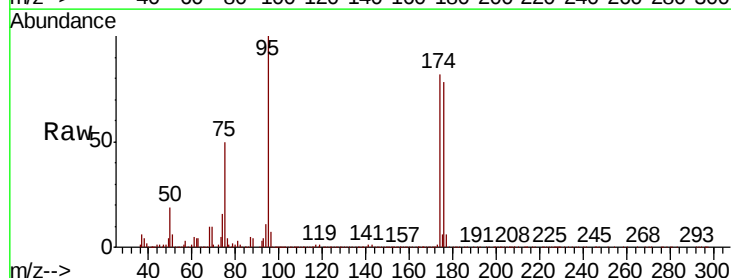
Tgt Ion: 95 Resp: 302622

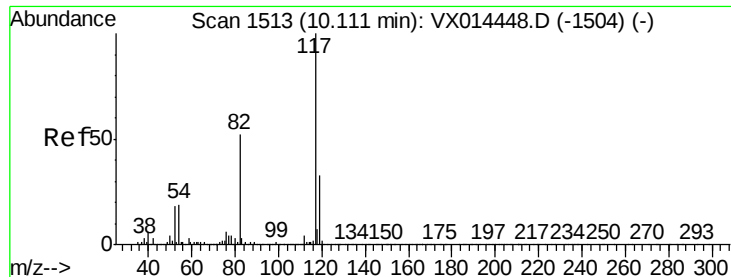
Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.8

176 85.3 0.0 172.8

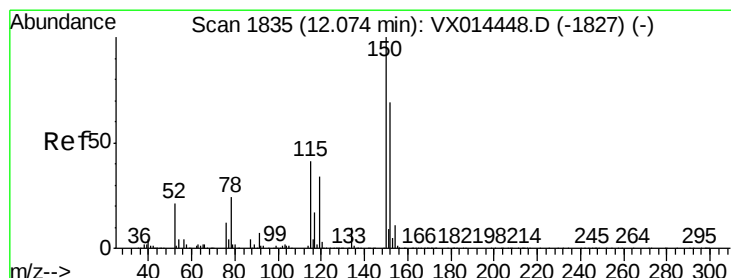
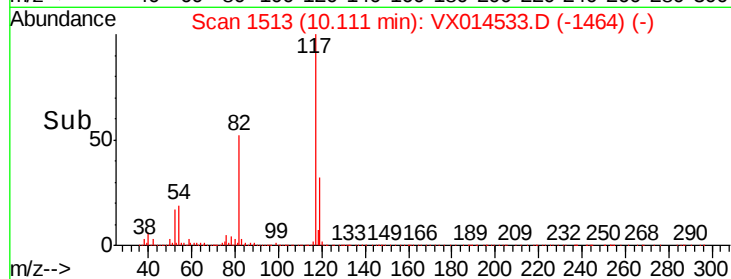
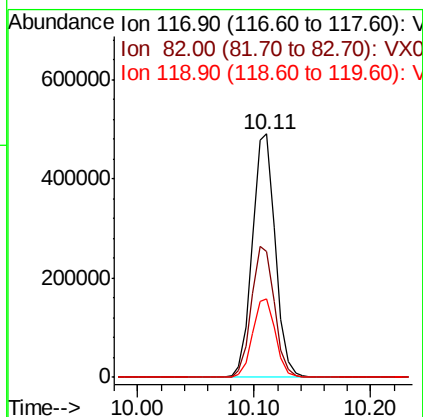
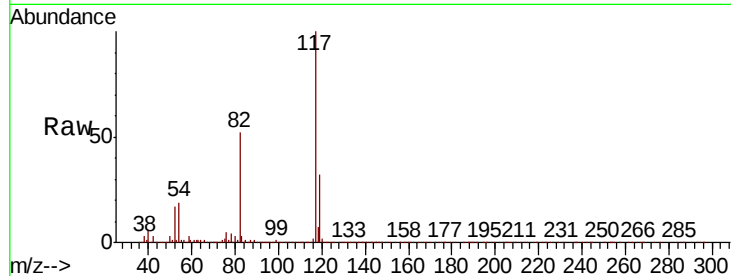




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014533.D
Acq: 10 Jan 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
TB

Tot Ion:117 Resp: 672729
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.6
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014533.D
Acq: 10 Jan 2020 13:39

Tgt Ion:152 Resp: 306974
Ion Ratio Lower Upper
152 100
115 54.5 39.5 118.3
150 156.5 0.0 350.2

