

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013391.D
 Acq On : 12 Nov 2019 17:38
 Operator : JC/SP
 Sample : K5802-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2019-8

Quant Time: Nov 13 03:32:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	781696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1232053	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1095270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	507199	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	445972	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
35) Dibromofluoromethane	5.48	113	368457	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
50) Toluene-d8	8.71	98	1465510	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	498705	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	

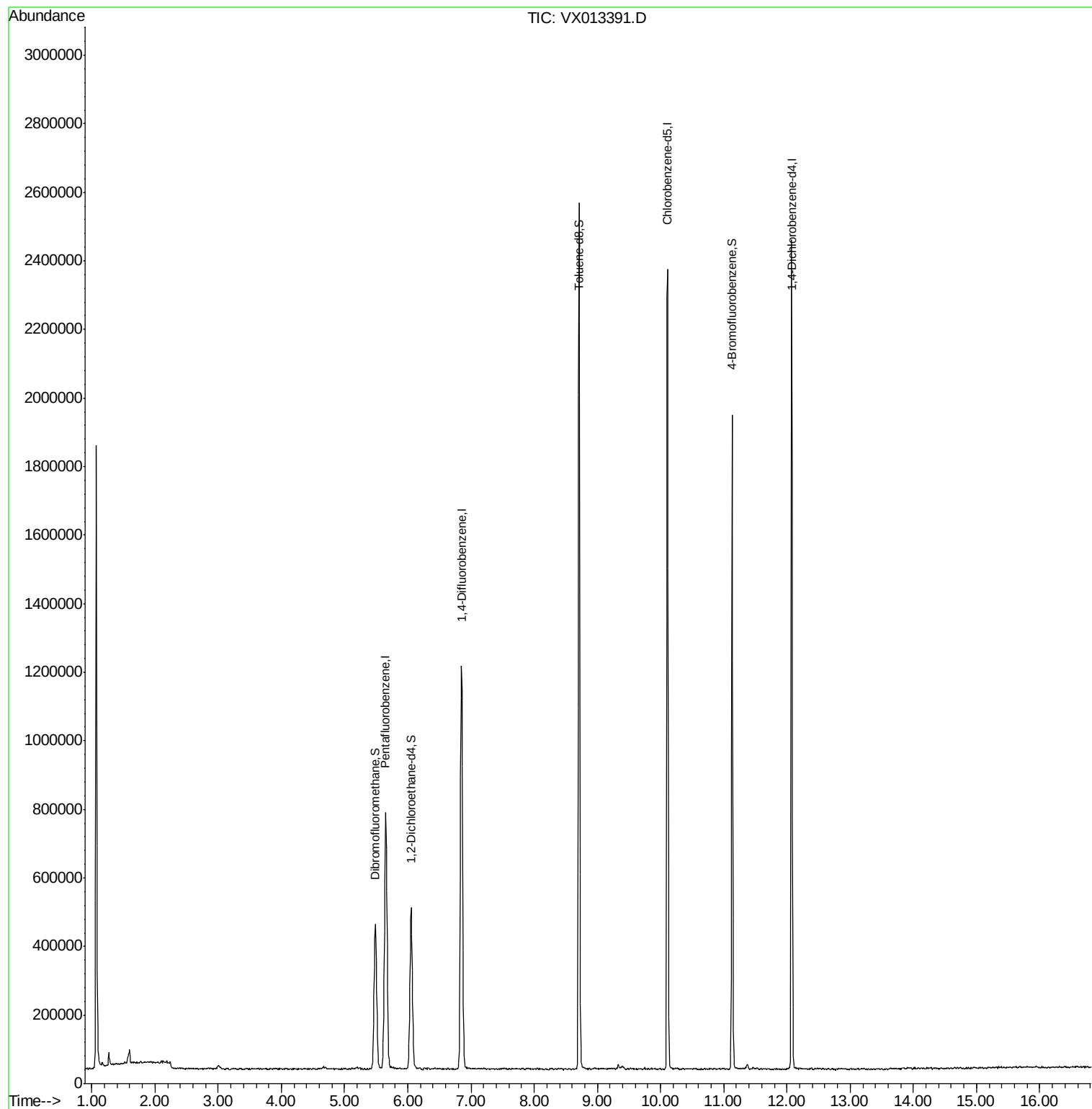
Target Compounds	Qvalue
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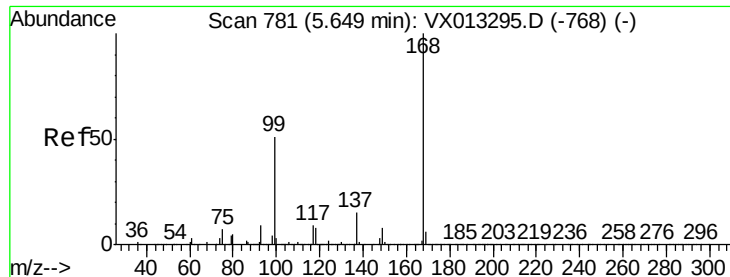
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013391.D

Acq: 12 Nov 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

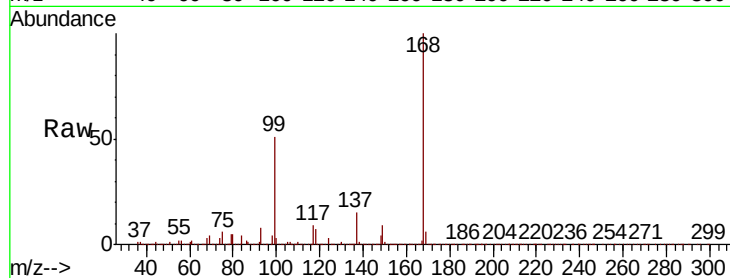
S32-TB-2019-8

Tot Ion:168 Resp: 781696

Ion Ratio Lower Upper

168 100

99 50.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

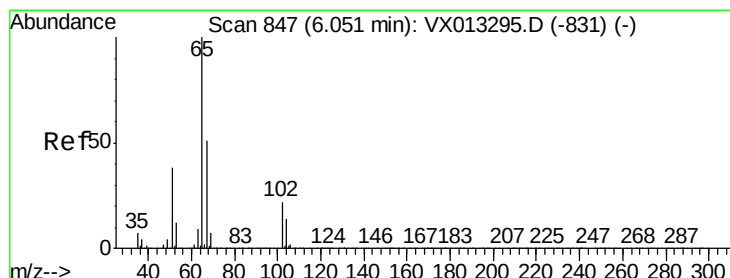
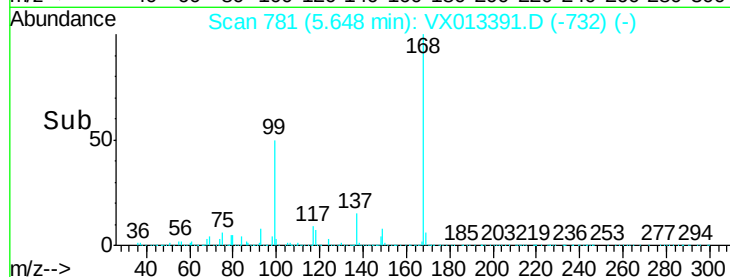
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.157 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013391.D

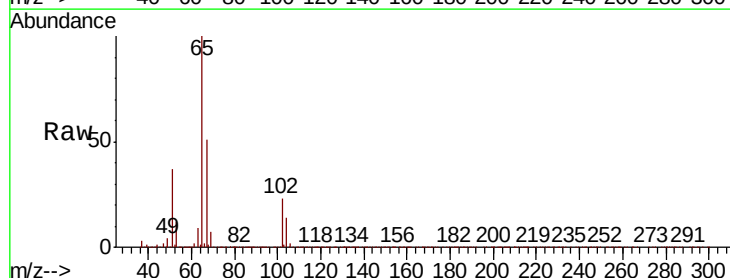
Acq: 12 Nov 2019 17:38

Tgt Ion: 65 Resp: 445972

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

200000

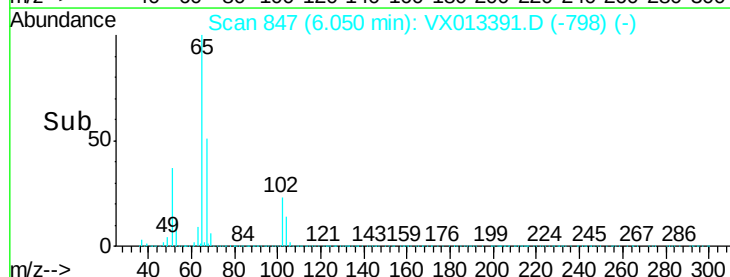
150000

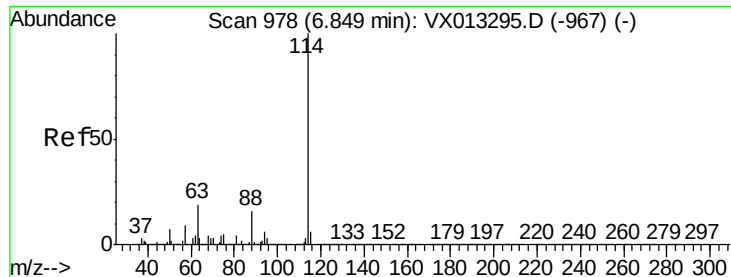
100000

50000

0

Time-->

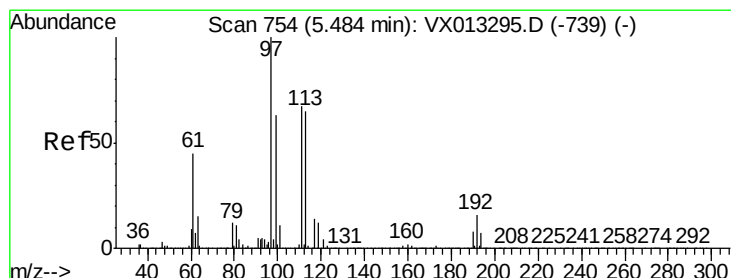
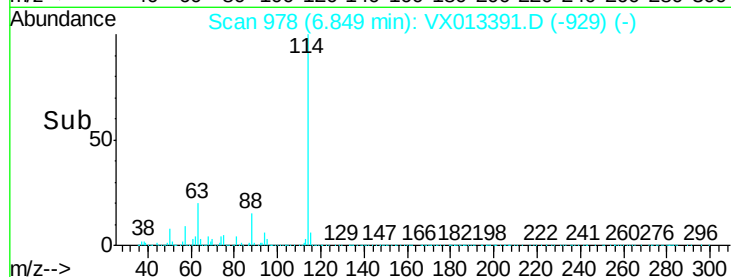
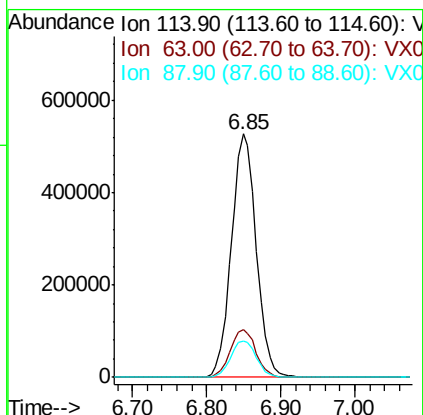
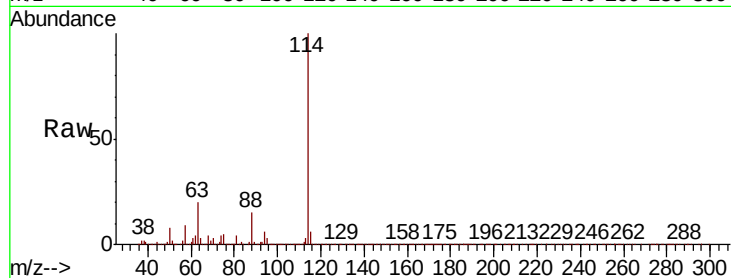




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013391.D
Acq: 12 Nov 2019 17:38

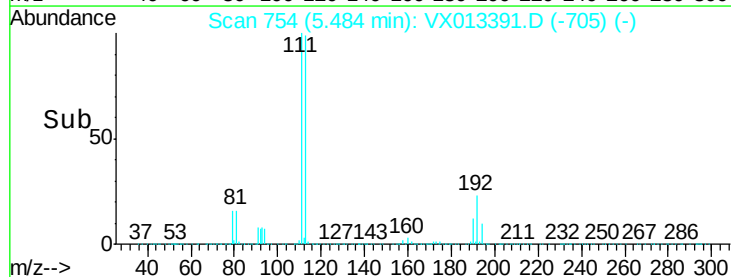
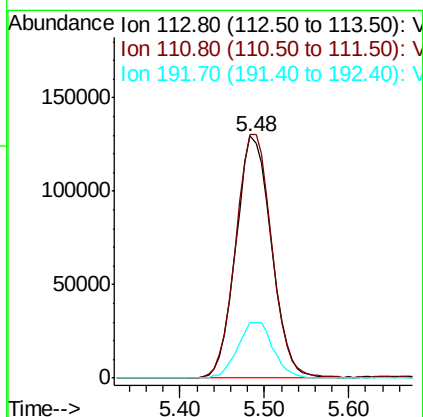
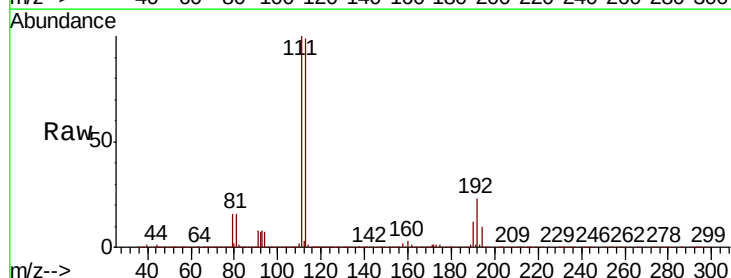
Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-8

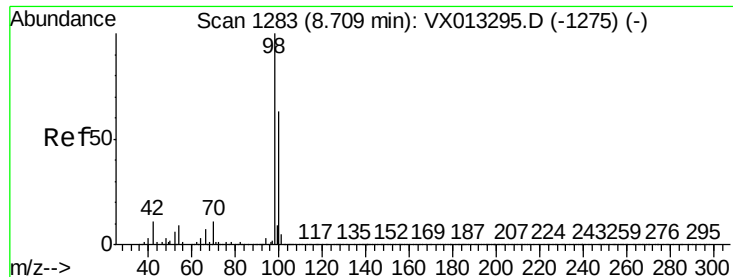
Tot Ion:114 Resp: 1232053
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 47.681 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013391.D
Acq: 12 Nov 2019 17:38

Tgt Ion:113 Resp: 368457
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 23.4 19.1 28.7





#50

Toluene-d8

Concen: 50.305 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013391.D

Acq: 12 Nov 2019 17:38

Instrument :

MSVOA_X

ClientSampleId :

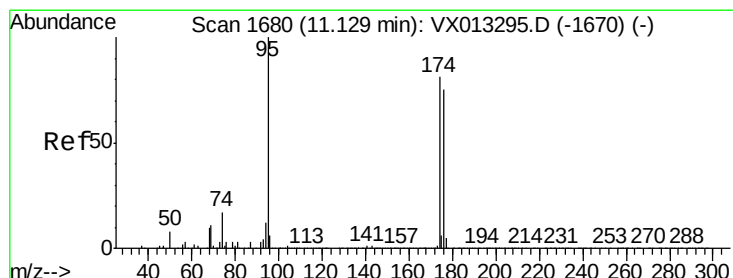
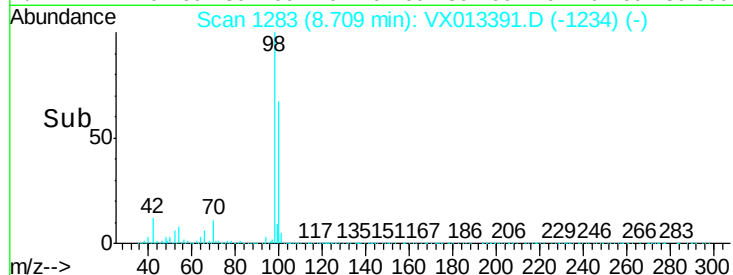
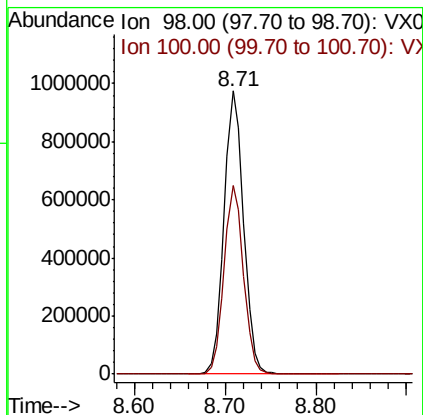
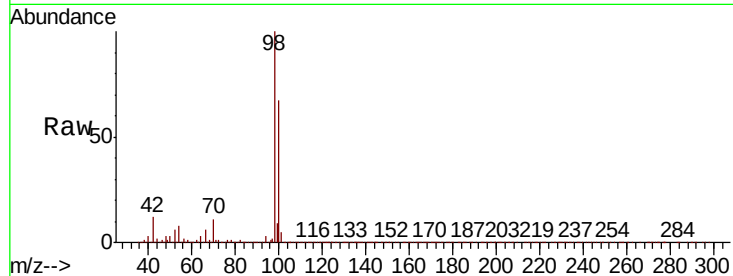
S32-TB-2019-8

Tot Ion: 98 Resp: 1465510

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.433 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013391.D

Acq: 12 Nov 2019 17:38

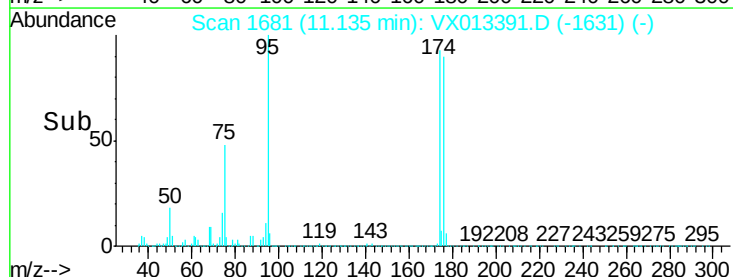
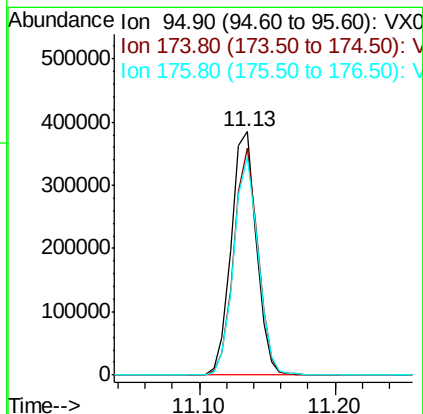
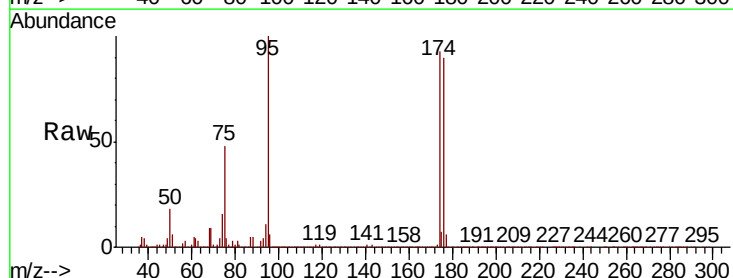
Tgt Ion: 95 Resp: 498705

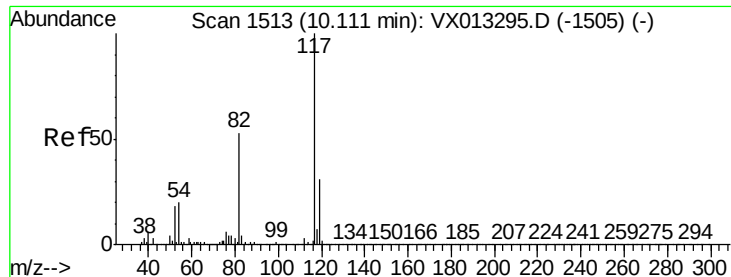
Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.8

176 86.9 0.0 173.0

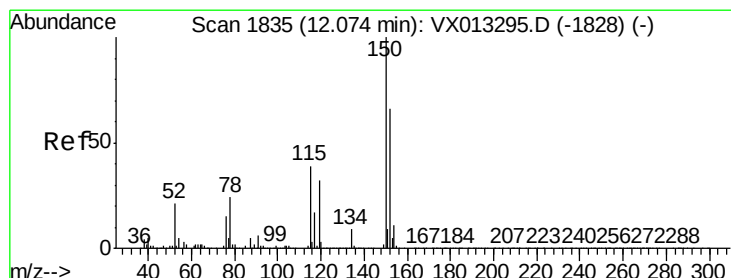
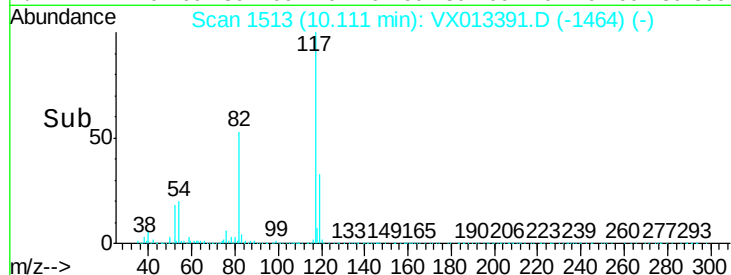
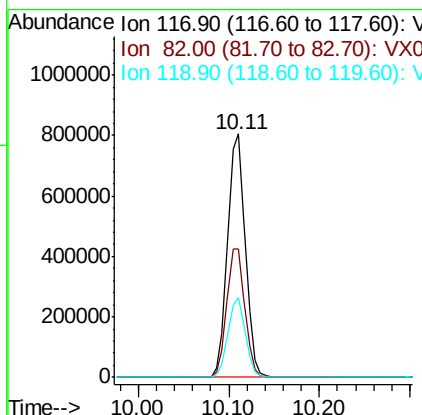
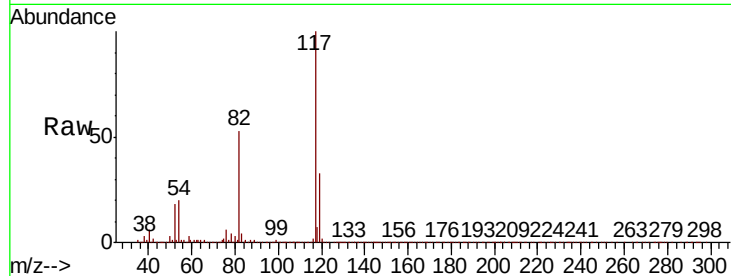




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013391.D
Acq: 12 Nov 2019 17:38

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2019-8

Tot Ion:117 Resp: 1095270
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013391.D
Acq: 12 Nov 2019 17:38

Tgt Ion:152 Resp: 507199
Ion Ratio Lower Upper
152 100
115 55.2 39.5 118.3
150 157.8 0.0 344.4

