

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013962.D
 Acq On : 11 Dec 2019 23:44
 Operator : JC/SP
 Sample : K6252-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20191209

Quant Time: Dec 12 06:43:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	535883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	816849	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	741673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333809	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	304195	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
35) Dibromofluoromethane	5.49	113	240686	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	8.71	98	974085	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.14	95	335577	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	

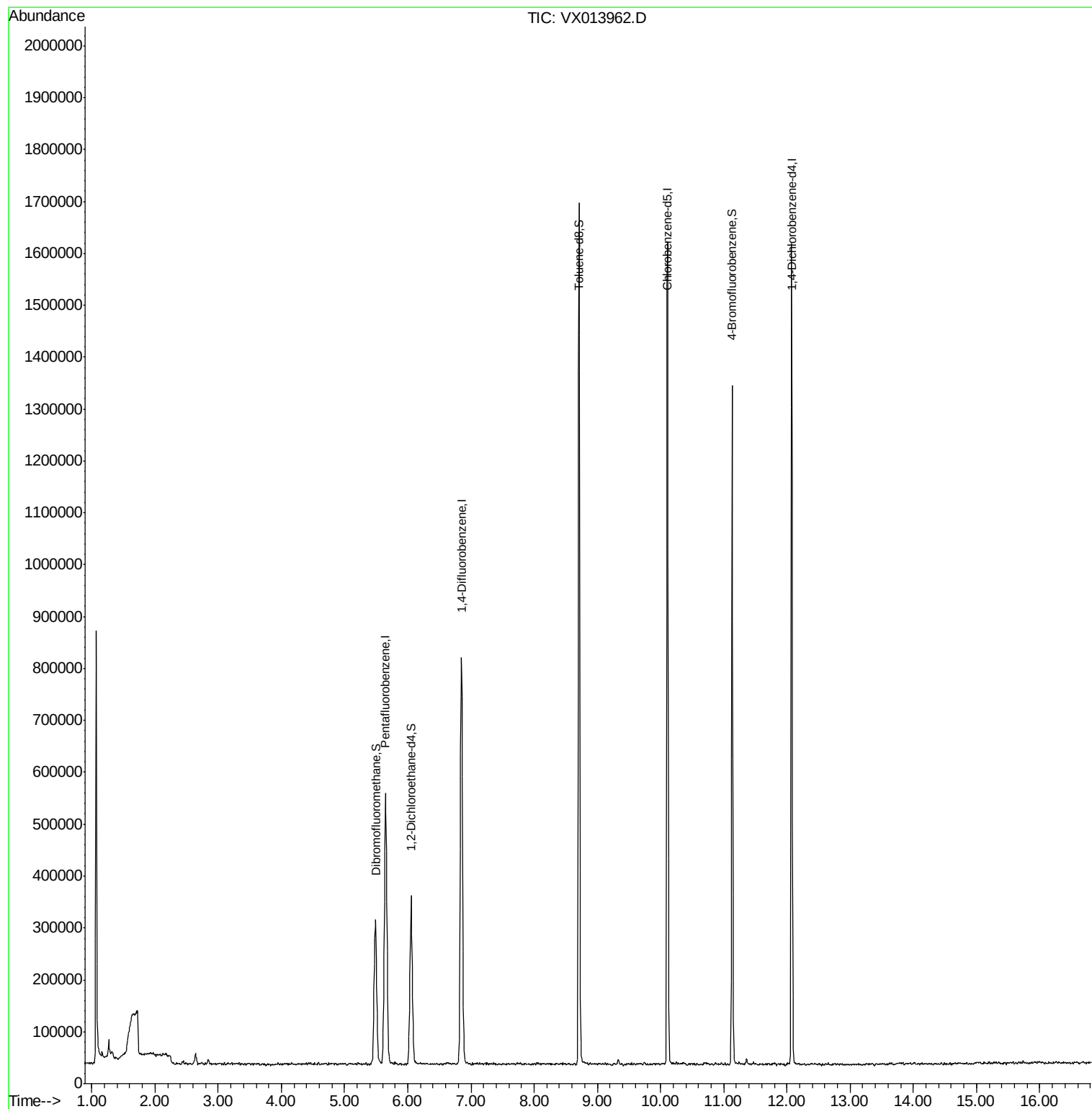
Target Compounds	Qvalue
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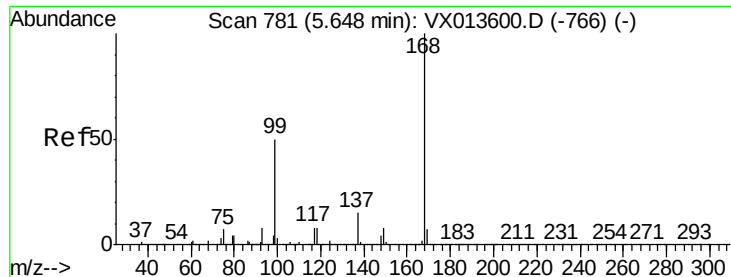
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013962.D

Acq: 11 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

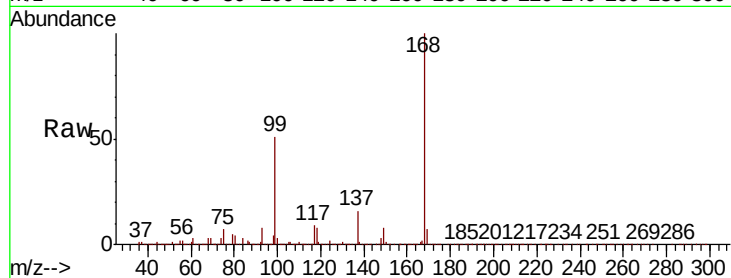
EB02-20191209

Tot Ion:168 Resp: 535883

Ion Ratio Lower Upper

168 100

99 50.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

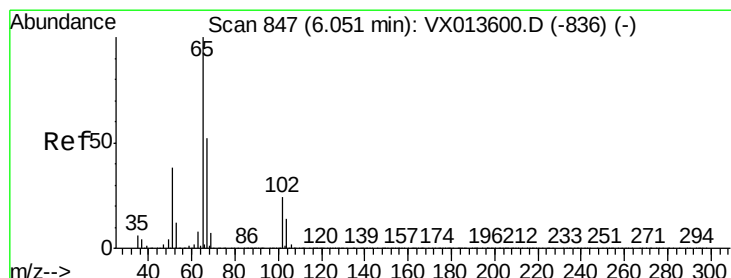
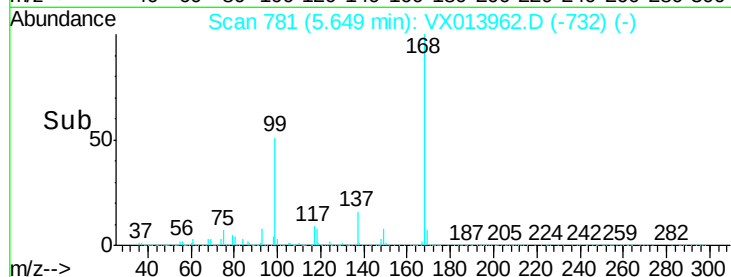
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.903 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013962.D

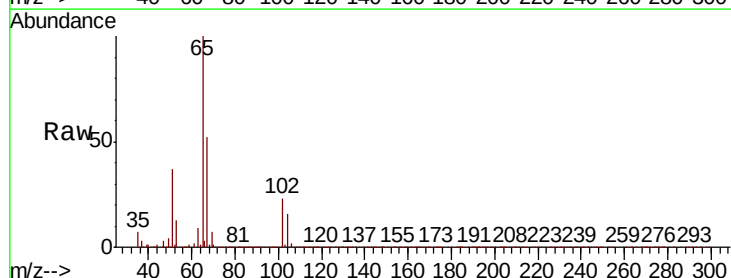
Acq: 11 Dec 2019 23:44

Tgt Ion: 65 Resp: 304195

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

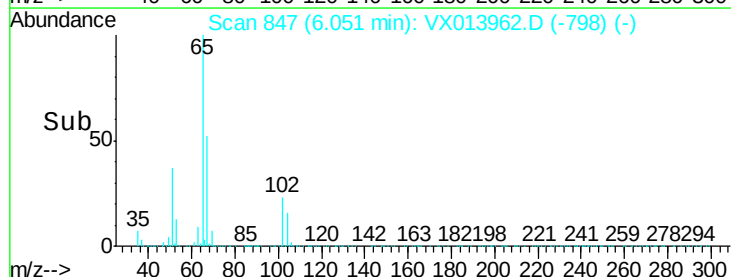
6.05

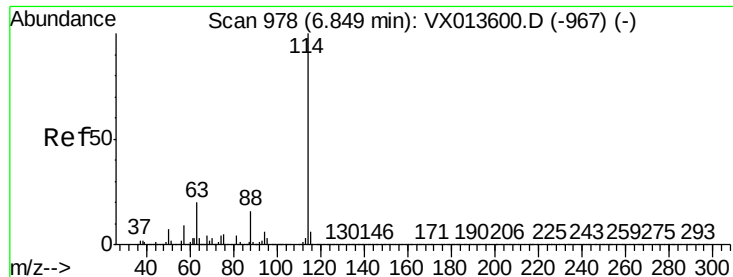
100000

50000

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Time-->

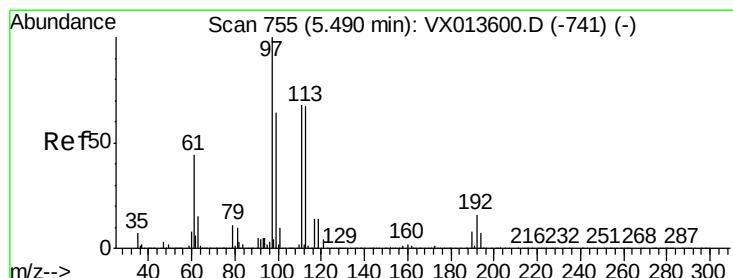
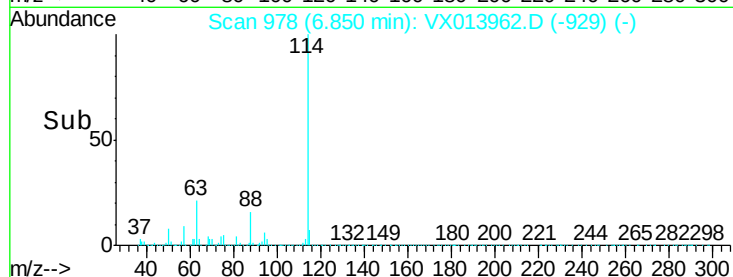
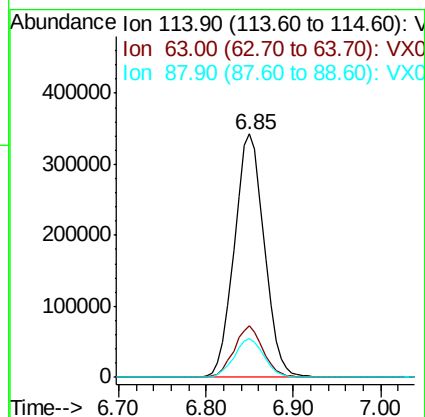
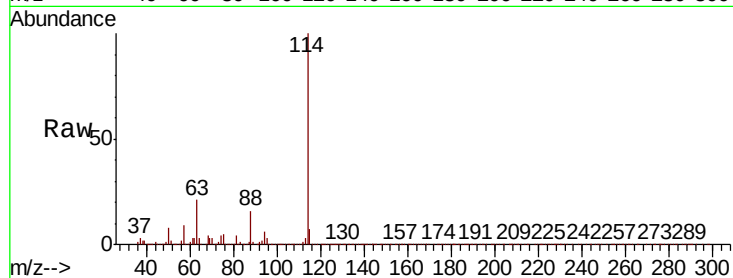




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013962.D
Acq: 11 Dec 2019 23:44

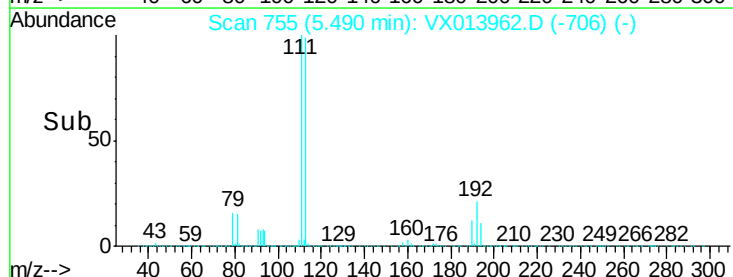
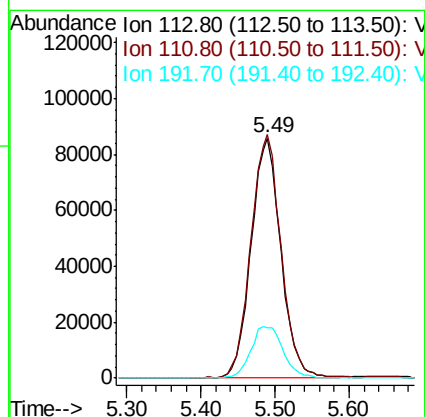
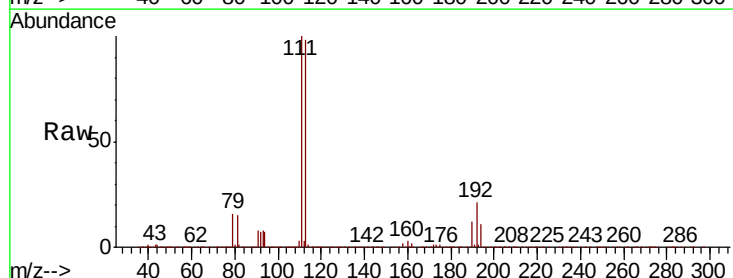
Instrument :
MSVOA_X
ClientSampleId :
EB02-20191209

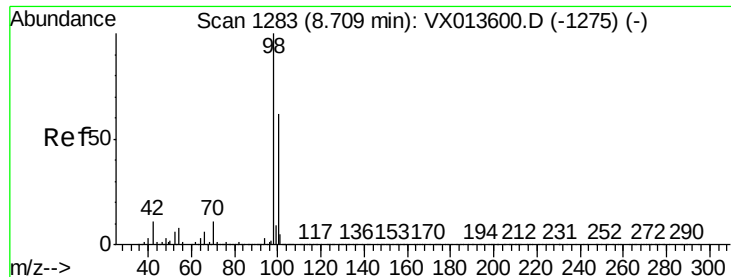
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	39.6
88	15.9	0.0	31.4



#35
Dibromofluoromethane
Concen: 47.662 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013962.D
Acq: 11 Dec 2019 23:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.6	125.4
192	23.1	19.2	28.8

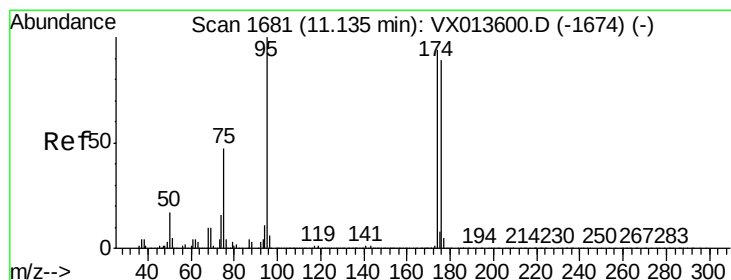
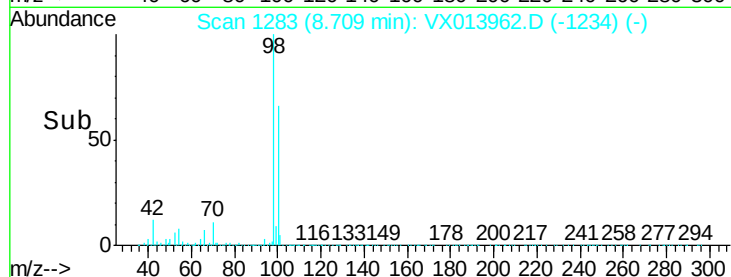
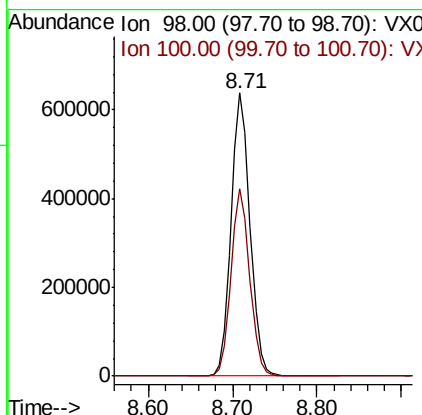
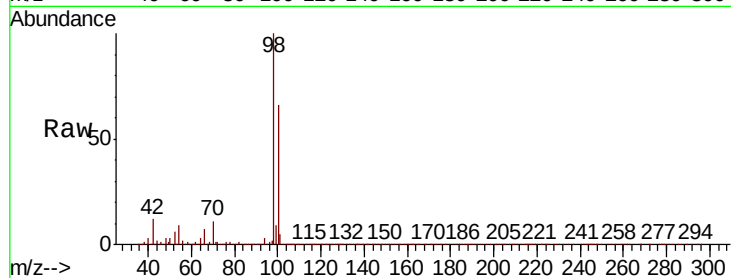




#50
Toluene-d8
Concen: 49.509 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013962.D
Acq: 11 Dec 2019 23:44

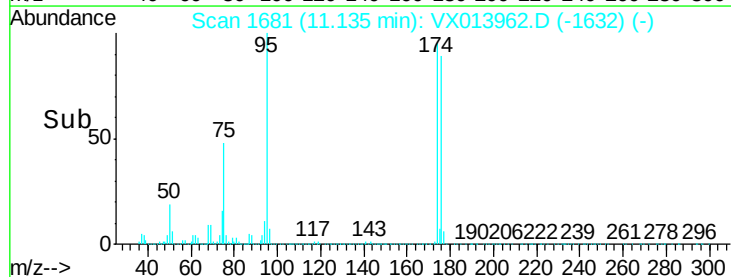
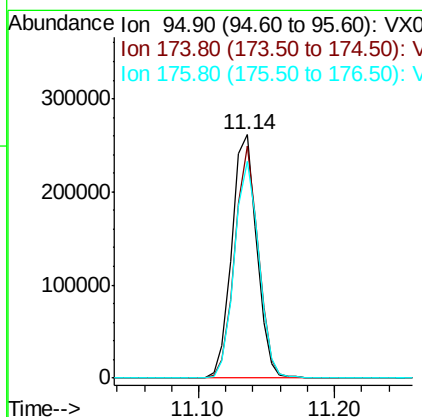
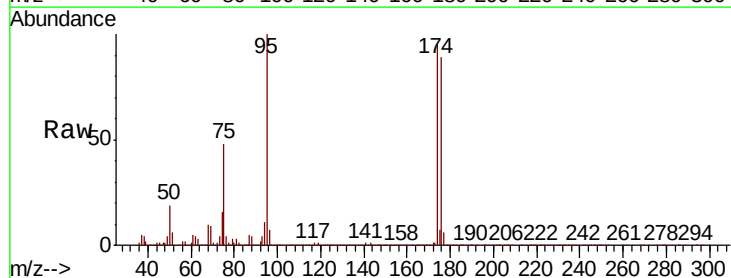
Instrument :
MSVOA_X
ClientSampleId :
EB02-20191209

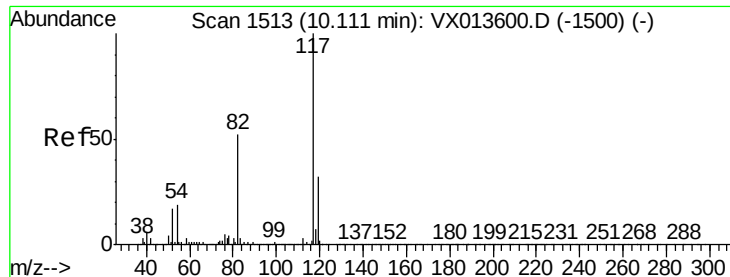
Tot Ion: 98 Resp: 974085
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.299 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013962.D
Acq: 11 Dec 2019 23:44

Tgt Ion: 95 Resp: 335577
Ion Ratio Lower Upper
95 100
174 90.1 0.0 180.0
176 87.0 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013962.D

Acq: 11 Dec 2019 23:44

Instrument :

MSVOA_X

ClientSampleId :

EB02-20191209

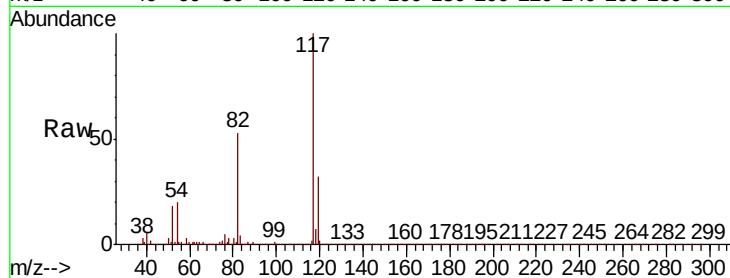
Tot Ion:117 Resp: 741673

Ion Ratio Lower Upper

117 100

82 53.1 41.8 62.8

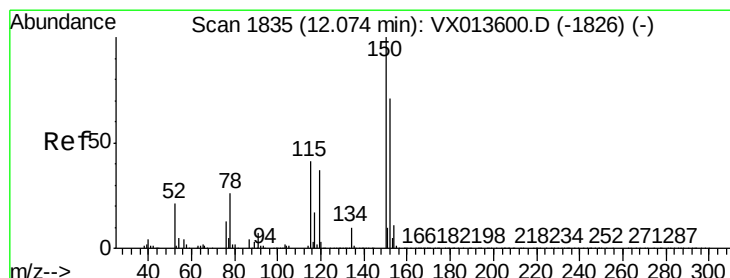
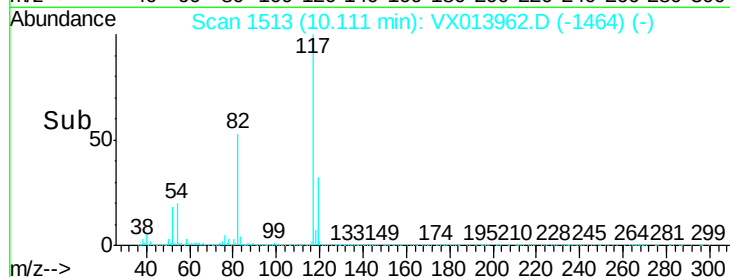
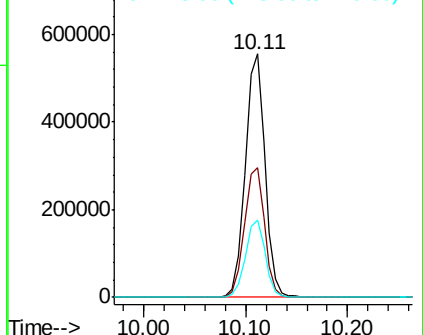
119 31.7 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013962.D

Acq: 11 Dec 2019 23:44

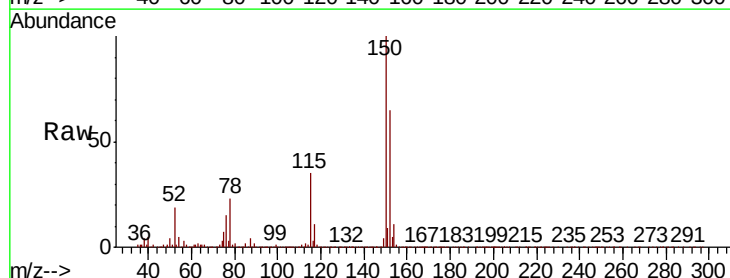
Tgt Ion:152 Resp: 333809

Ion Ratio Lower Upper

152 100

115 55.3 38.4 115.1

150 155.4 0.0 346.8



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

