

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015378.D
 Acq On : 27 Mar 2020 13:57
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 30 02:14:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1225691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1965427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1851529	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	948162	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	794733	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
35) Dibromofluoromethane	5.47	113	631140	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.70	98	2388292	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	11.12	95	1002314	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	

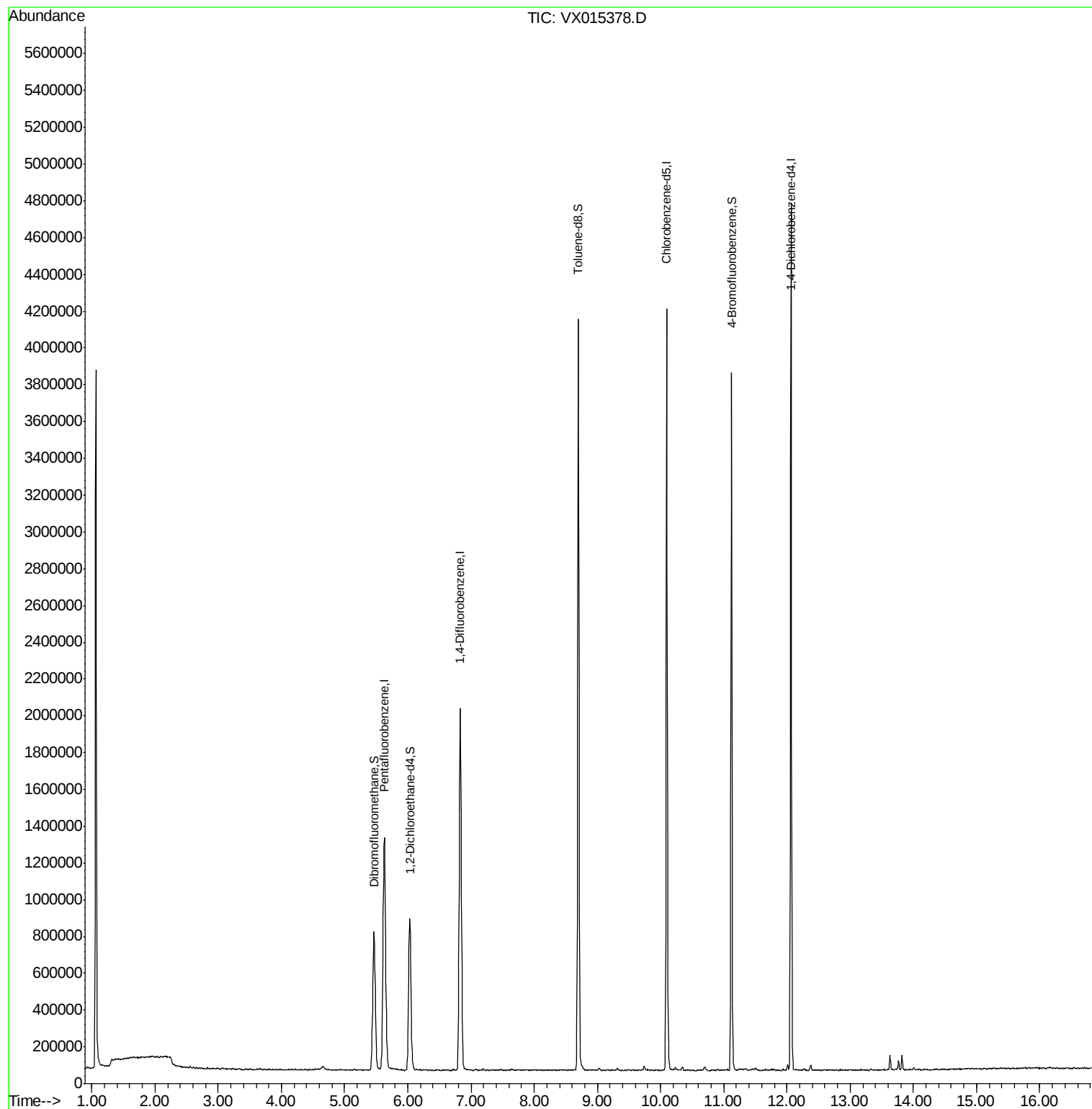
Target Compounds	Qvalue
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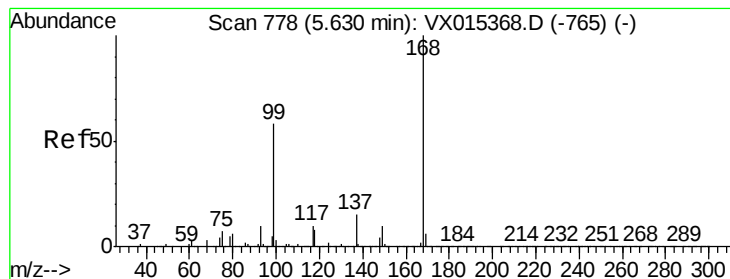
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015378.D

Acq: 27 Mar 2020 13:57

Instrument :

MSVOA_X

ClientSampled :

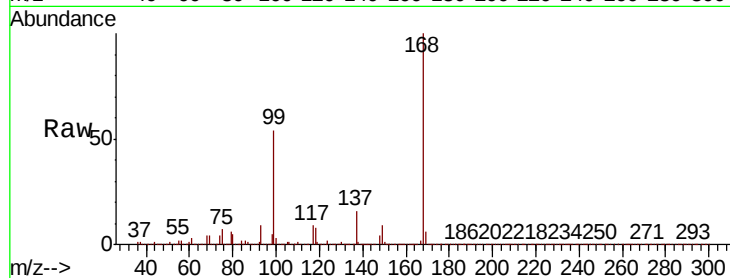
IBLK

Tot Ion:168 Resp: 1225691

Ion Ratio Lower Upper

168 100

99 53.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

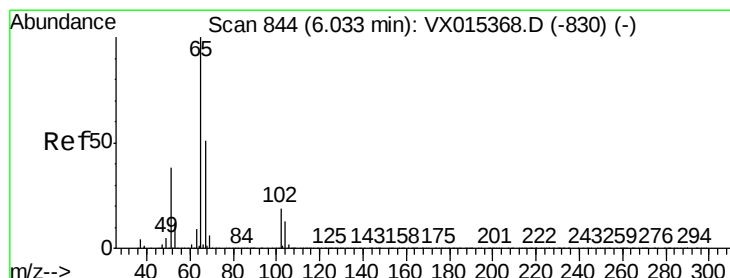
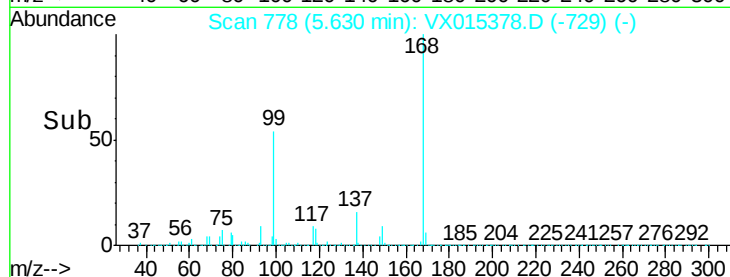
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.973 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015378.D

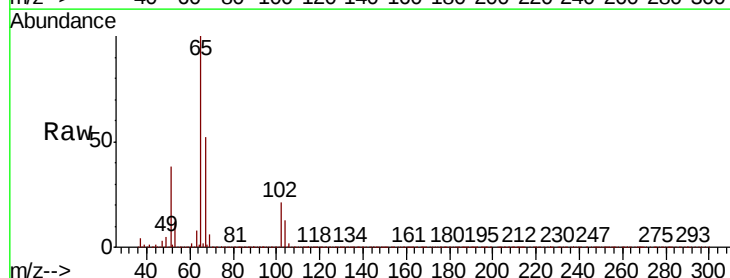
Acq: 27 Mar 2020 13:57

Tgt Ion: 65 Resp: 794733

Ion Ratio Lower Upper

65 100

67 50.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

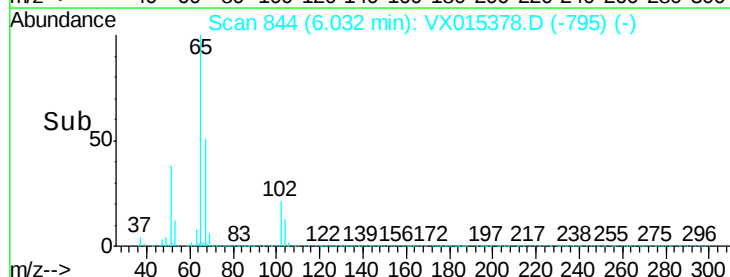
300000

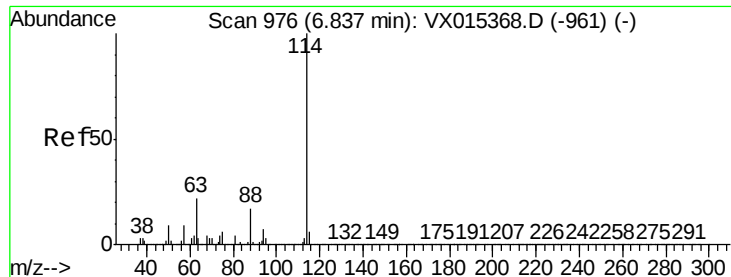
200000

100000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015378.D

Acq: 27 Mar 2020 13:57

Instrument :

MSVOA_X

ClientSampled :

IBLK

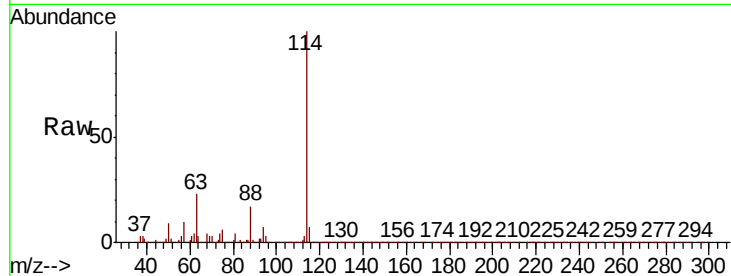
Tot Ion:114 Resp: 1965427

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.2

88 17.4 0.0 33.8



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

6.83

800000

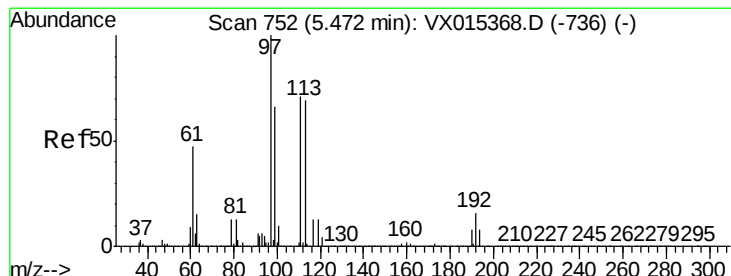
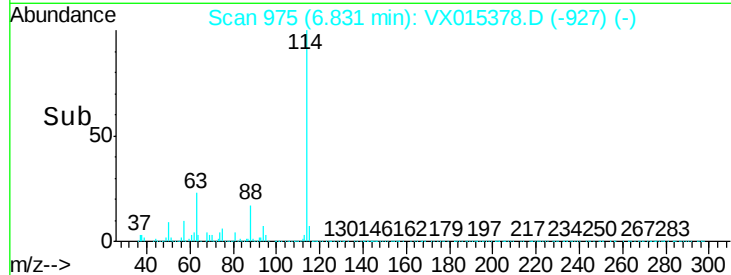
600000

400000

200000

0

6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 50.236 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015378.D

Acq: 27 Mar 2020 13:57

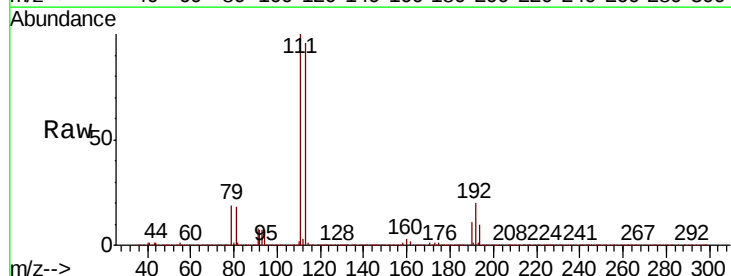
Tgt Ion:113 Resp: 631140

Ion Ratio Lower Upper

113 100

111 101.0 81.5 122.3

192 21.6 17.8 26.6



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

5.47

300000

250000

200000

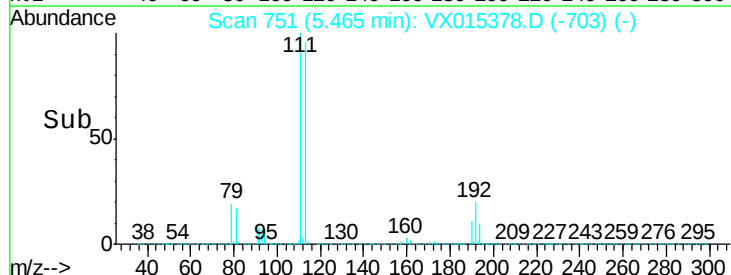
150000

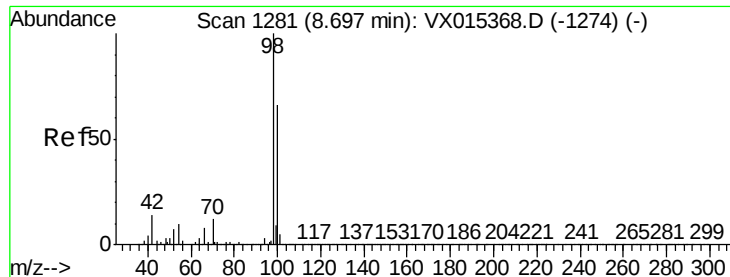
100000

50000

0

5.30 5.40 5.50 5.60





#50

Toluene-d8

Concen: 51.632 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015378.D

Acq: 27 Mar 2020 13:57

Instrument :

MSVOA_X

ClientSampleId :

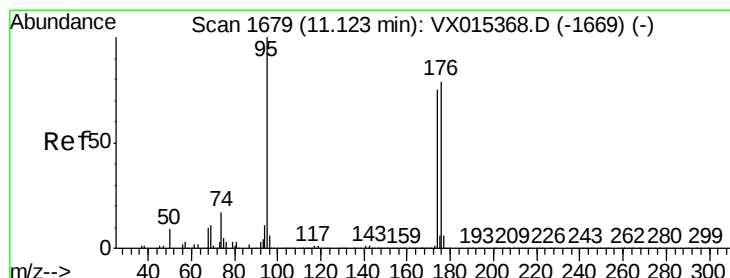
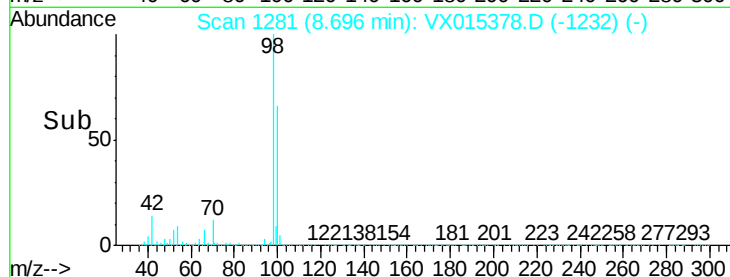
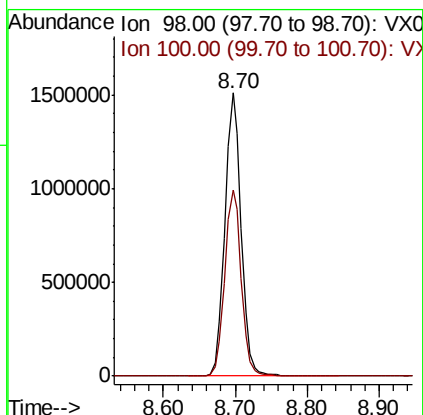
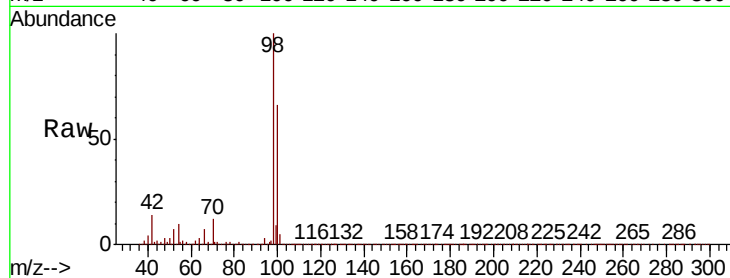
IBLK

Tot Ion: 98 Resp: 2388292

Ion Ratio Lower Upper

98 100

100 66.8 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 53.319 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015378.D

Acq: 27 Mar 2020 13:57

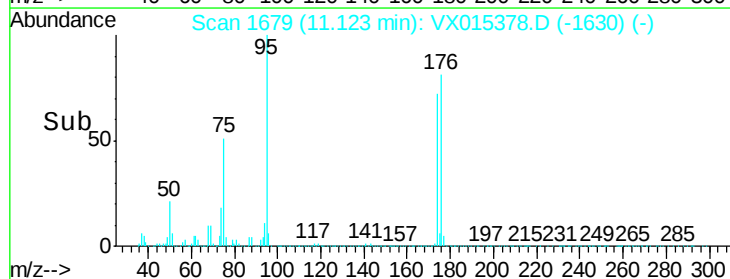
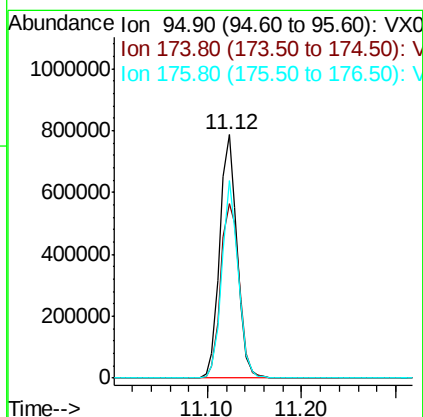
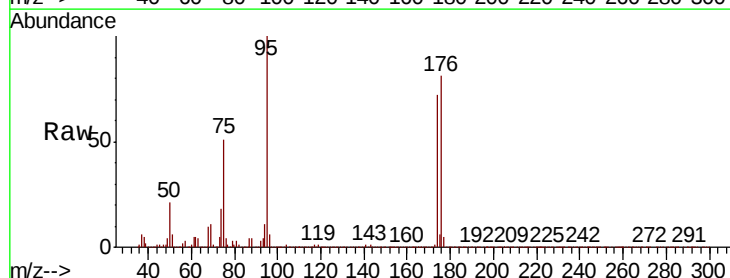
Tgt Ion: 95 Resp: 1002314

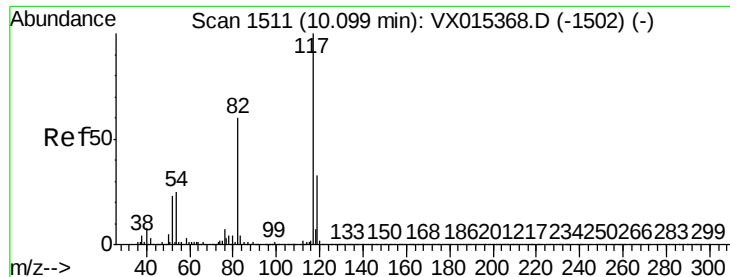
Ion Ratio Lower Upper

95 100

174 77.2 0.0 158.6

176 76.4 0.0 159.0

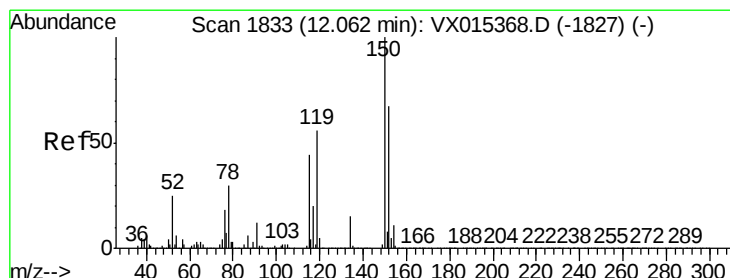
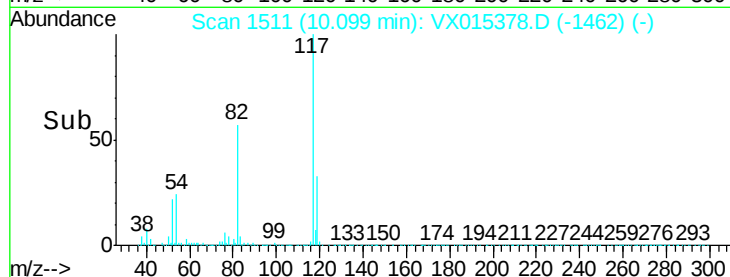
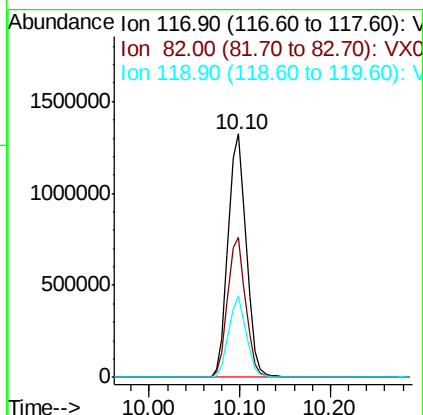
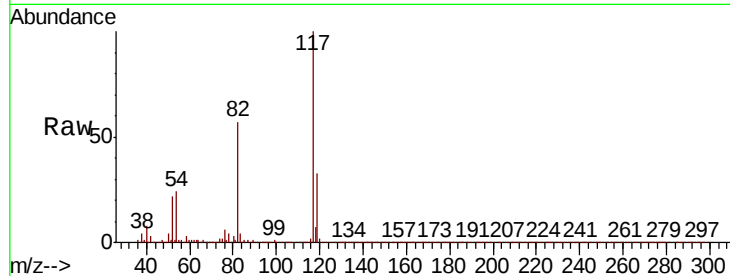




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015378.D
Acq: 27 Mar 2020 13:57

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion:117 Resp: 1851529
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.8
119 33.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015378.D
Acq: 27 Mar 2020 13:57

Tgt Ion:152 Resp: 948162
Ion Ratio Lower Upper
152 100
115 59.0 39.0 116.9
150 149.5 0.0 340.8

