

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015562.D
 Acq On : 08 Apr 2020 12:38
 Operator : JC/SP
 Sample : L2190-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-TB-200406

Quant Time: Apr 09 06:59:39 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	1094347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1758999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1724145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	899023	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	730955	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	5.47	113	563004	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	8.70	98	2123240	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.12	95	908307	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	

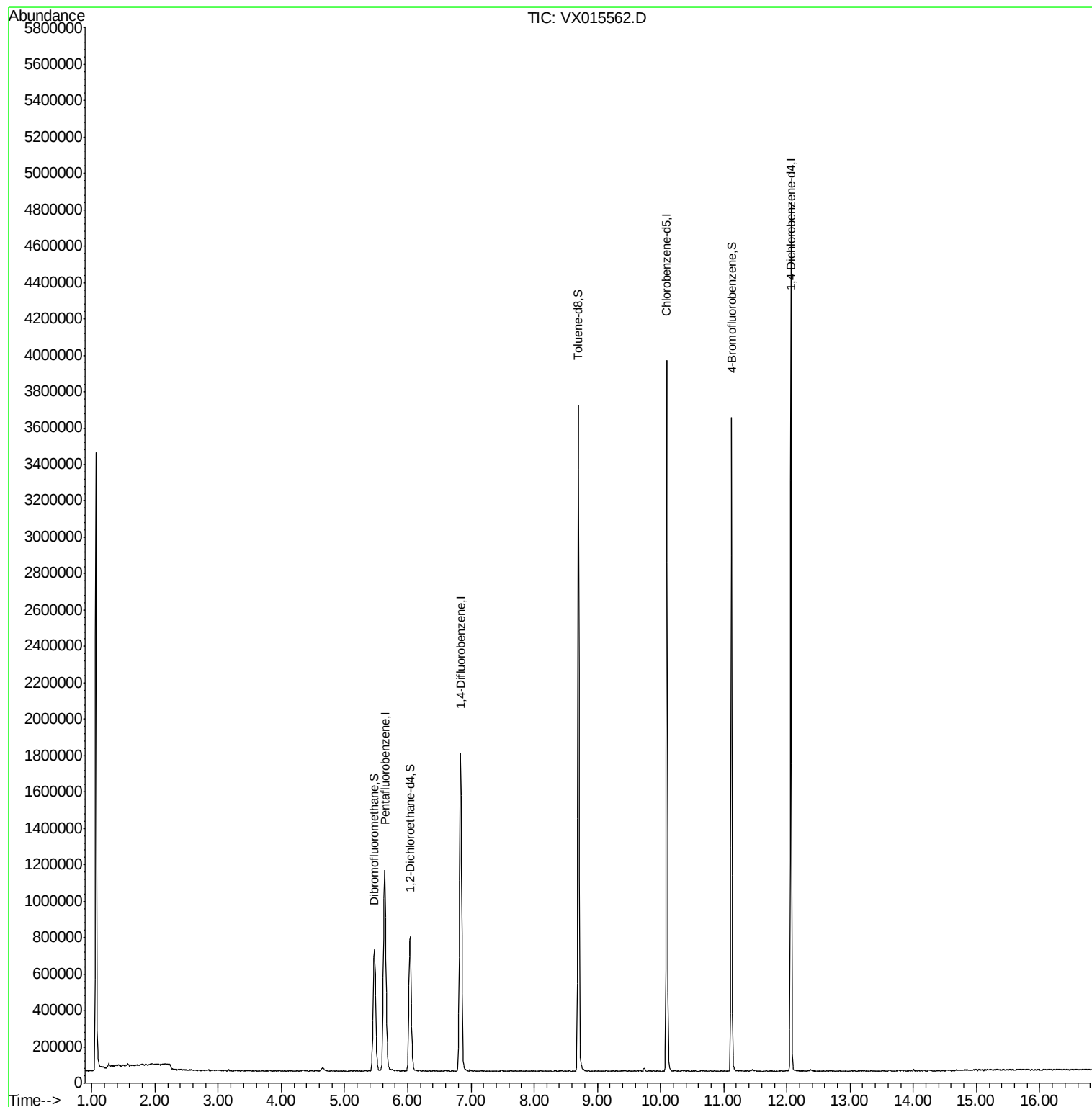
Target Compounds	Qvalue

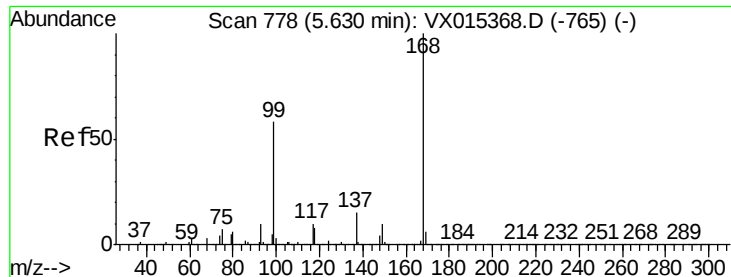
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

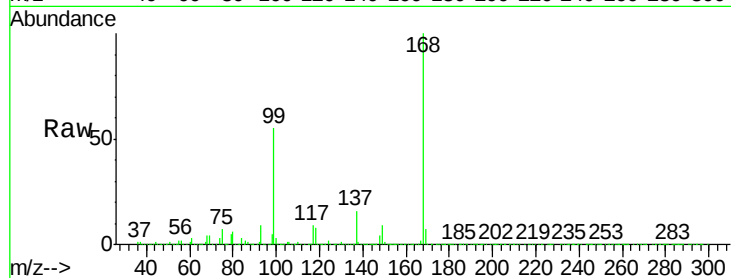
Z3-TB-200406

Tot Ion:168 Resp: 1094347

Ion Ratio Lower Upper

168 100

99 54.6 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

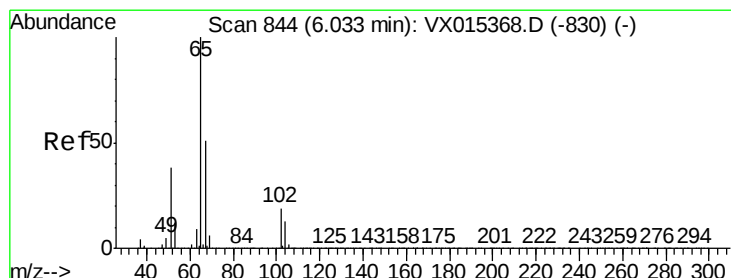
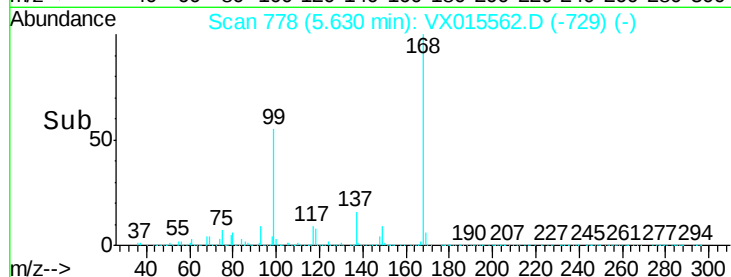
5.50

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.358 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015562.D

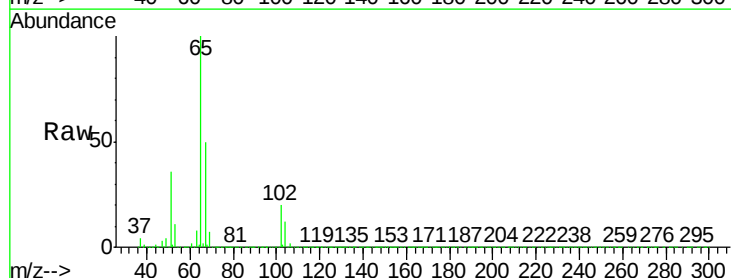
Acq: 08 Apr 2020 12:38

Tgt Ion: 65 Resp: 730955

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

6.04

300000

250000

200000

150000

100000

50000

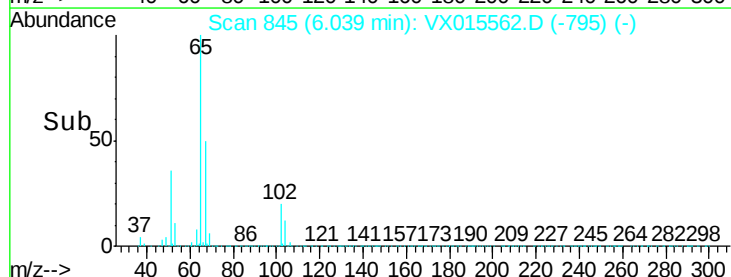
0

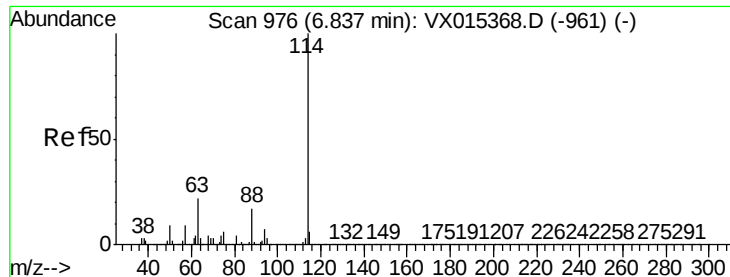
5.90

6.00

6.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

Z3-TB-200406

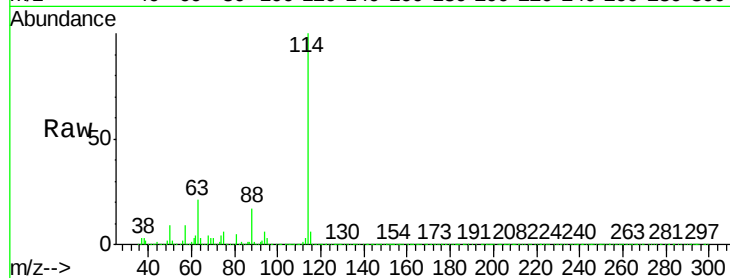
Tot Ion:114 Resp: 1758999

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

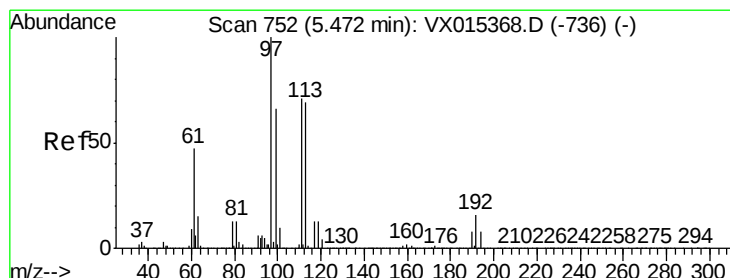
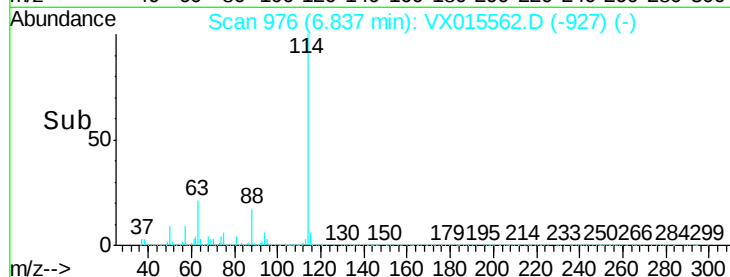
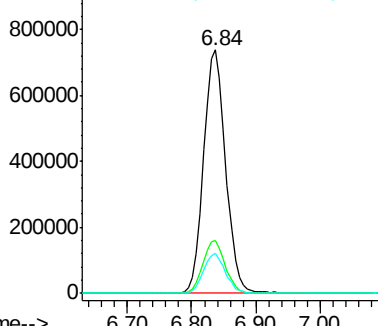
88 16.5 0.0 33.8



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



#35

Dibromofluoromethane

Concen: 50.071 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

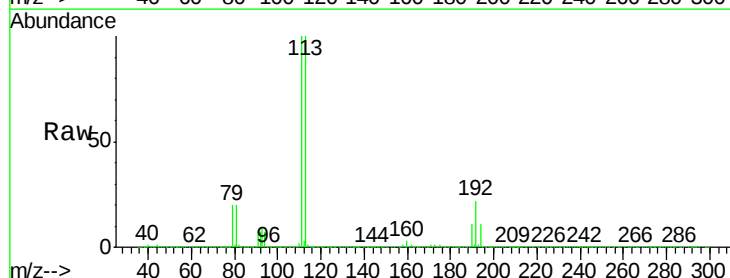
Tgt Ion:113 Resp: 563004

Ion Ratio Lower Upper

113 100

111 100.7 81.5 122.3

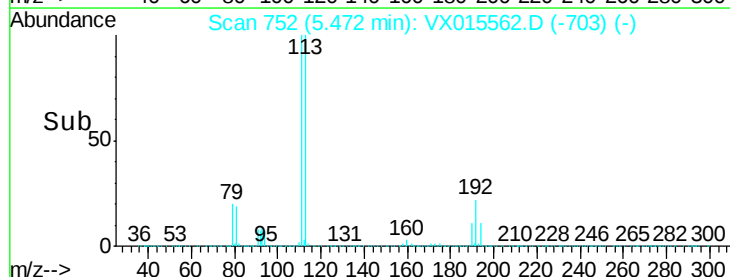
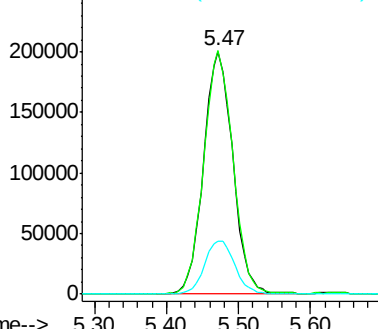
192 22.6 17.8 26.6

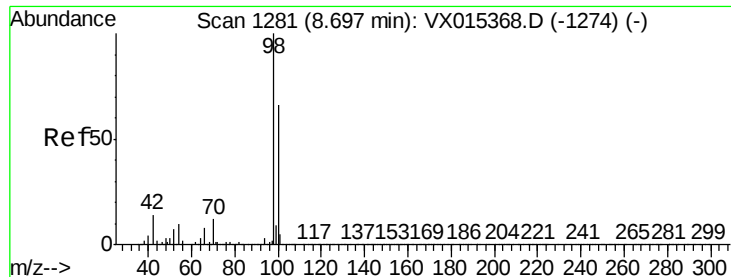


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.289 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

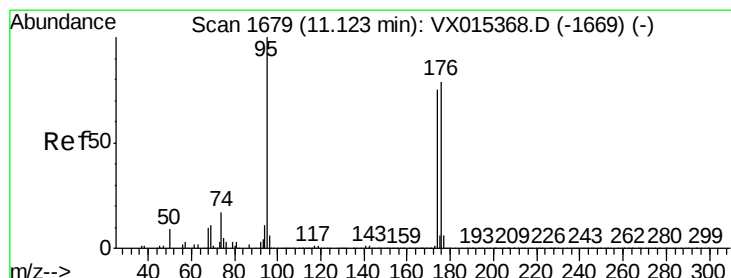
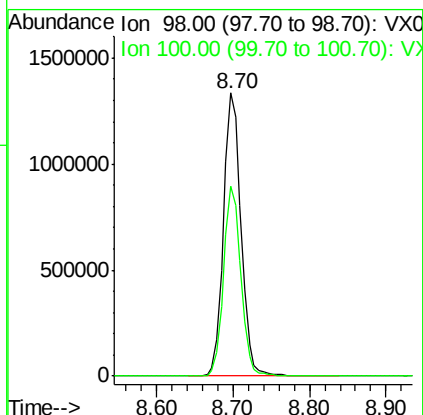
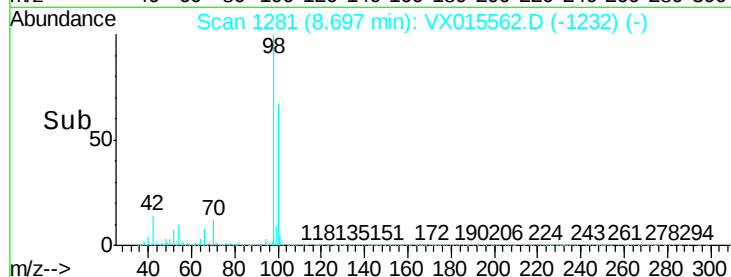
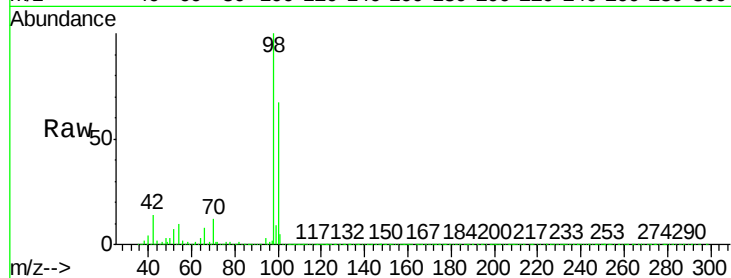
Z3-TB-200406

Tot Ion: 98 Resp: 2123240

Ion Ratio Lower Upper

98 100

100 66.1 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 53.989 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015562.D

Acq: 08 Apr 2020 12:38

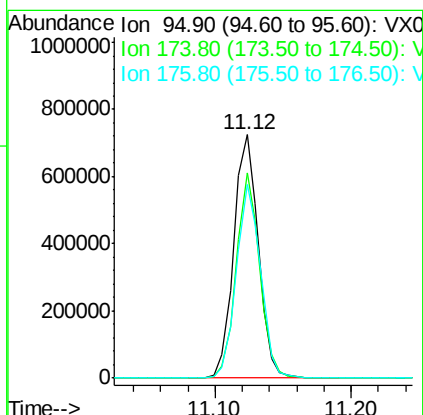
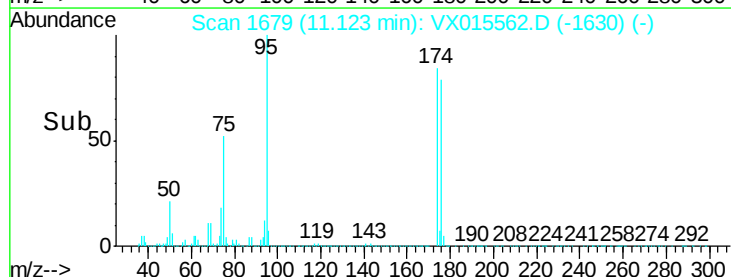
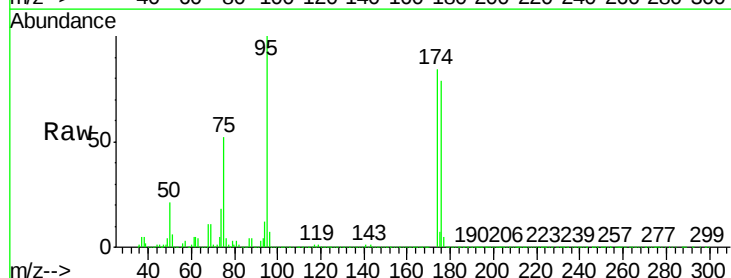
Tgt Ion: 95 Resp: 908307

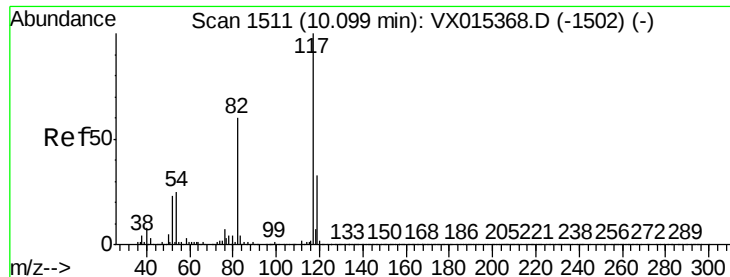
Ion Ratio Lower Upper

95 100

174 80.3 0.0 158.6

176 78.6 0.0 159.0

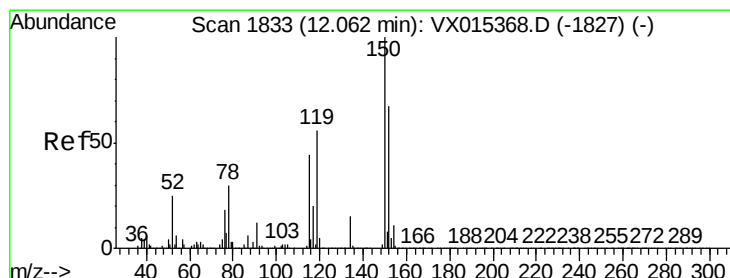
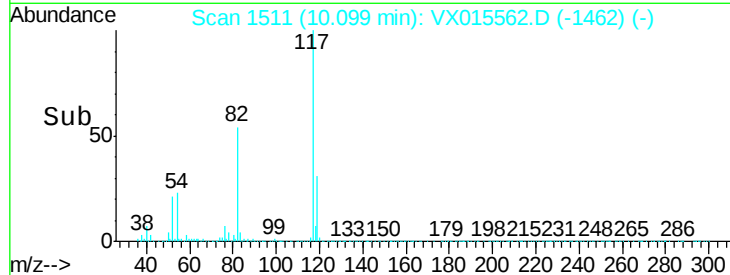
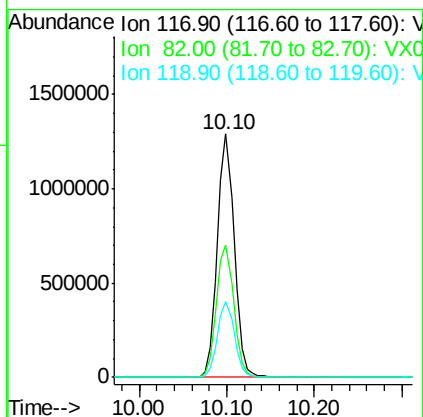
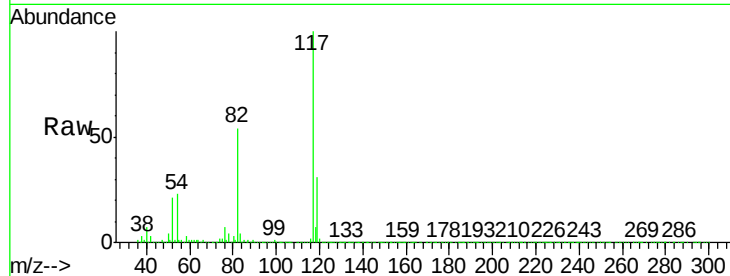




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015562.D
Acq: 08 Apr 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
Z3-TB-200406

Tot Ion:117 Resp: 1724145
Ion Ratio Lower Upper
117 100
82 54.2 47.8 71.8
119 31.2 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: VX015562.D
Acq: 08 Apr 2020 12:38

Tgt Ion:152 Resp: 899023
Ion Ratio Lower Upper
152 100
115 60.2 39.0 116.9
150 157.2 0.0 340.8

