

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015560.D
 Acq On : 08 Apr 2020 11:53
 Operator : JC/SP
 Sample : L2192-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-200407

Quant Time: Apr 09 06:41:24 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	5.64	168	1075838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1695966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1611522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	855223	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	704634	46.44	ug/l	0.00
Spiked Amount						
			Recovery	=	92.88%	
35) Dibromofluoromethane	5.47	113	540676	49.87	ug/l	0.00
Spiked Amount						
			Recovery	=	99.74%	
50) Toluene-d8	8.70	98	2016290	50.52	ug/l	0.00
Spiked Amount						
			Recovery	=	101.04%	
62) 4-Bromofluorobenzene	11.12	95	849220	52.35	ug/l	0.00
Spiked Amount						
			Recovery	=	104.70%	

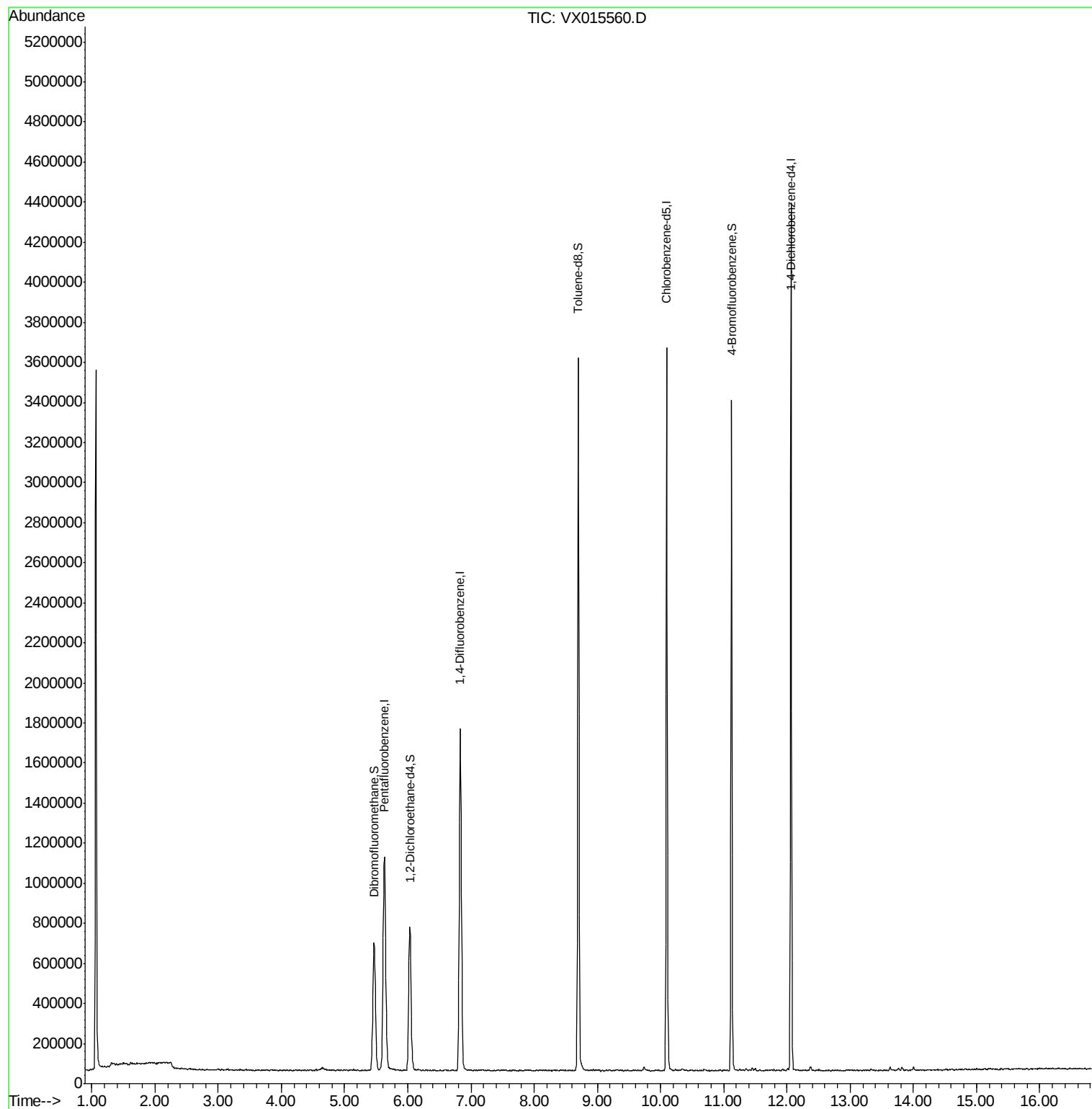
Target Compounds	Qvalue

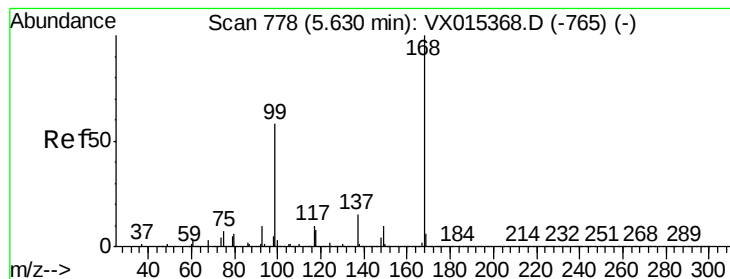
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015560.D

Acq: 08 Apr 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

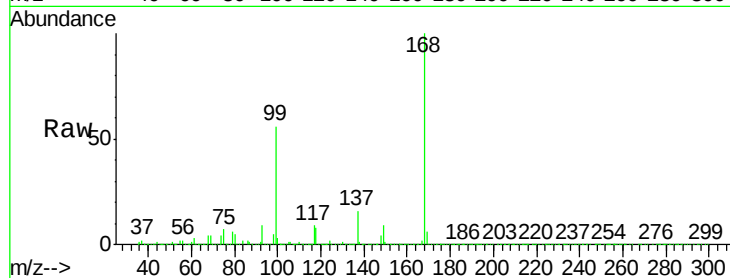
TB-01-200407

Tot Ion:168 Resp: 1075838

Ion Ratio Lower Upper

168 100

99 56.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

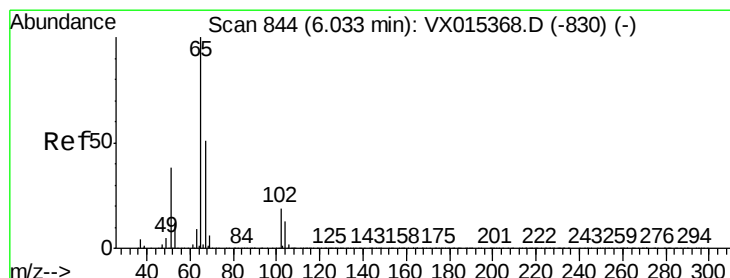
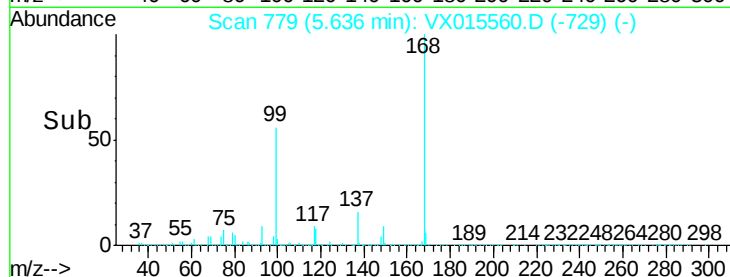
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.438 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015560.D

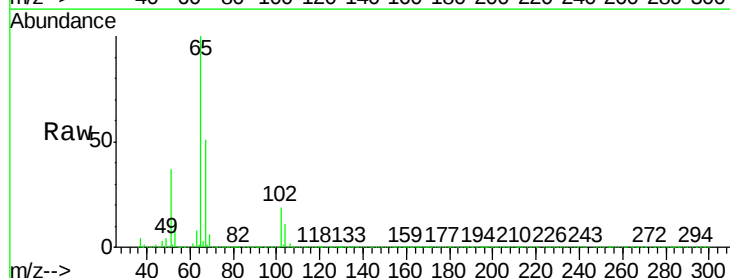
Acq: 08 Apr 2020 11:53

Tgt Ion: 65 Resp: 704634

Ion Ratio Lower Upper

65 100

67 50.9 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

250000

200000

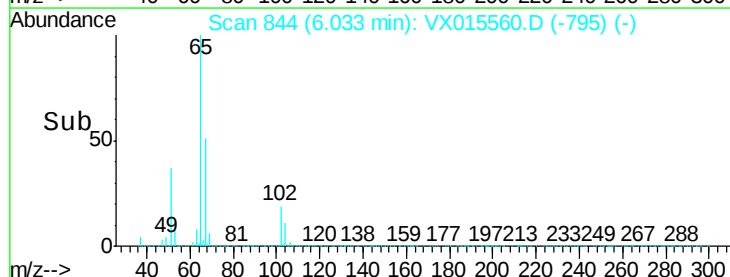
150000

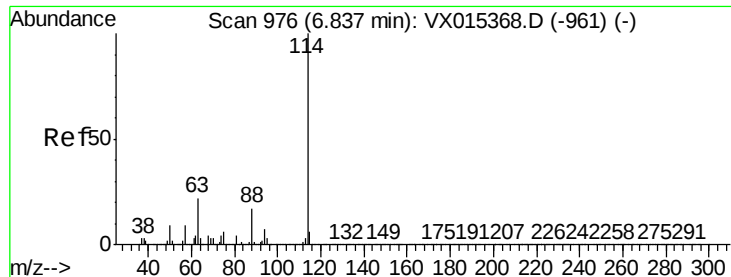
100000

50000

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: VX015560.D

Acq: 08 Apr 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

TB-01-200407

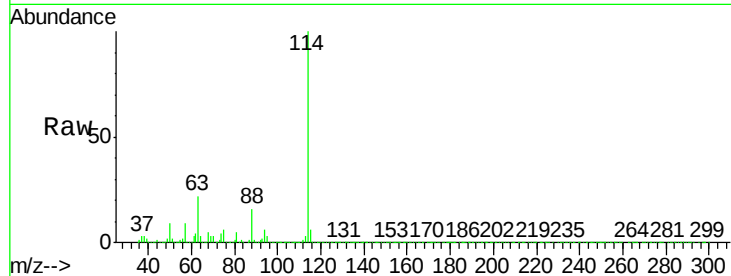
Tot Ion:114 Resp: 1695966

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.2

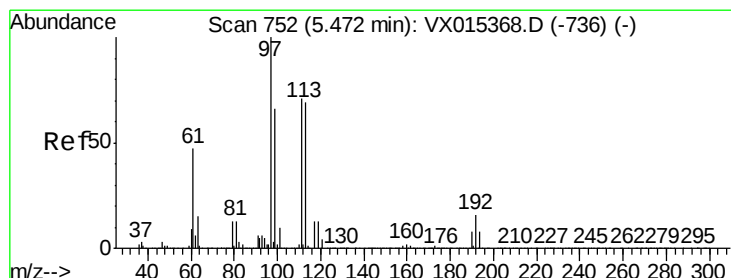
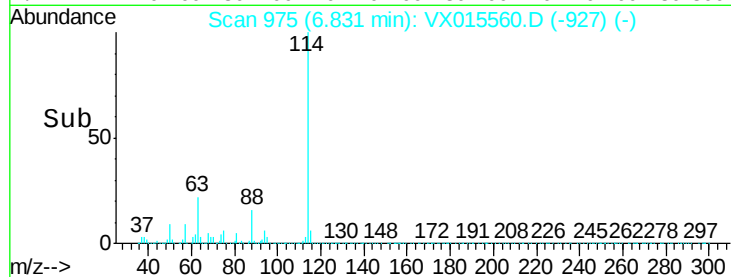
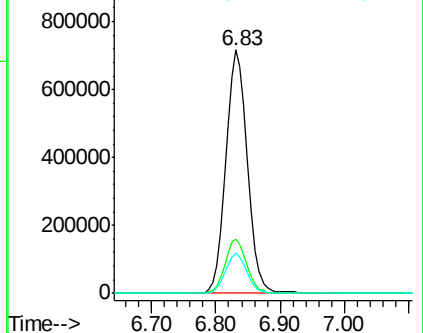
88 16.3 0.0 33.8



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: 49.873 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015560.D

Acq: 08 Apr 2020 11:53

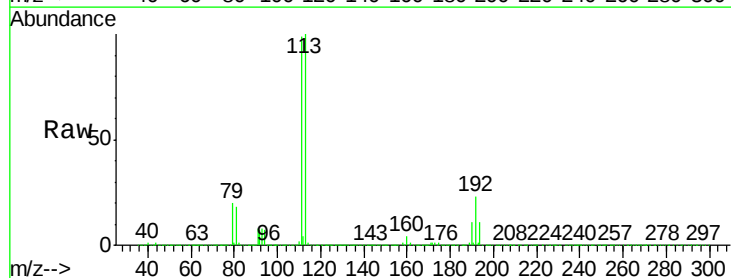
Tgt Ion:113 Resp: 540676

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

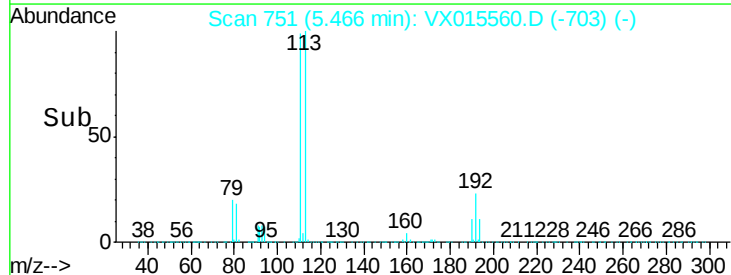
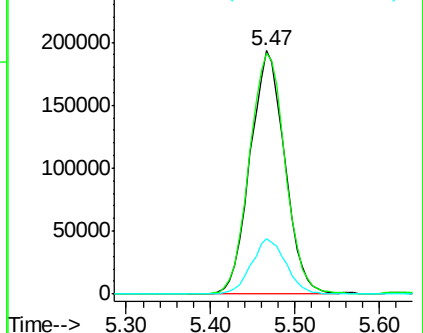
192 22.6 17.8 26.6

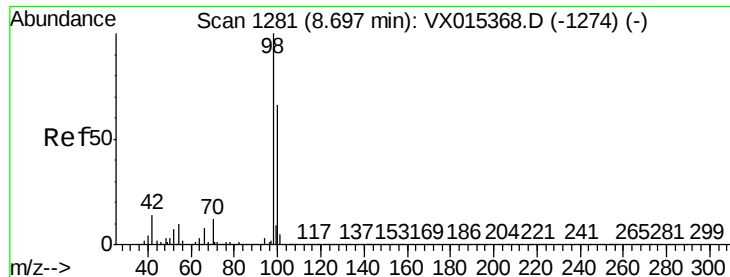


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.516 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015560.D

Acq: 08 Apr 2020 11:53

Instrument :

MSVOA_X

ClientSampleId :

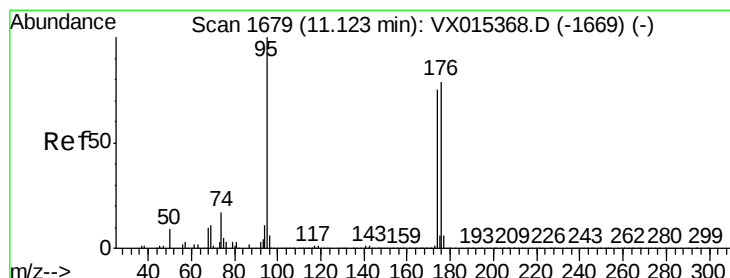
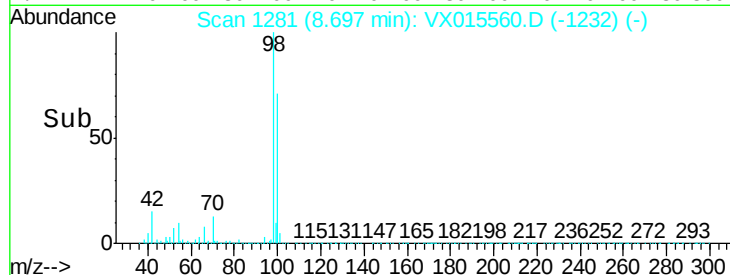
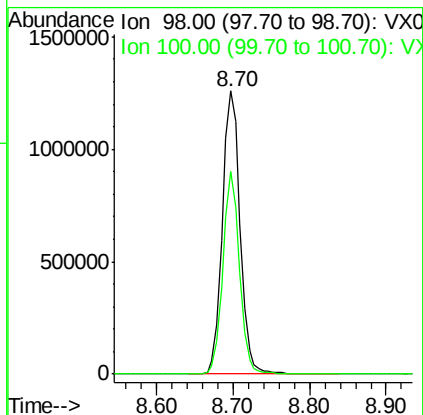
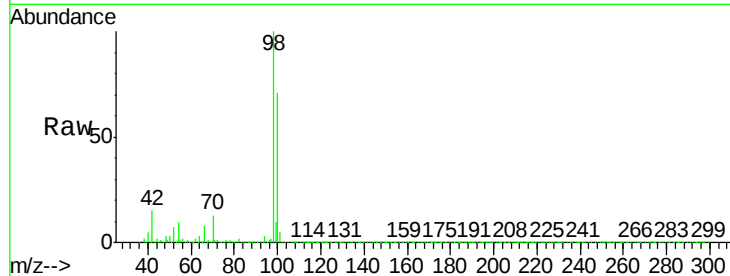
TB-01-200407

Tot Ion: 98 Resp: 2016290

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 52.353 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015560.D

Acq: 08 Apr 2020 11:53

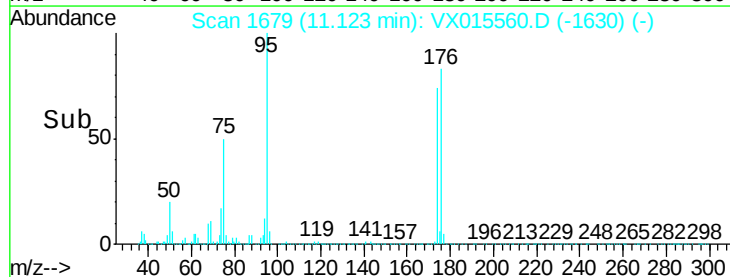
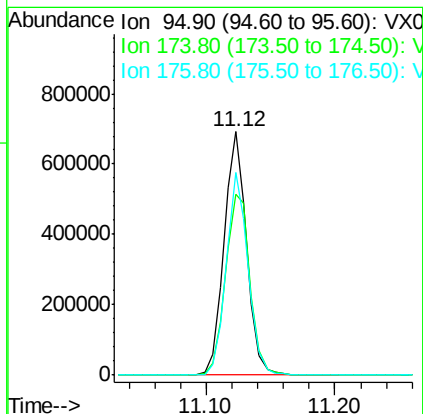
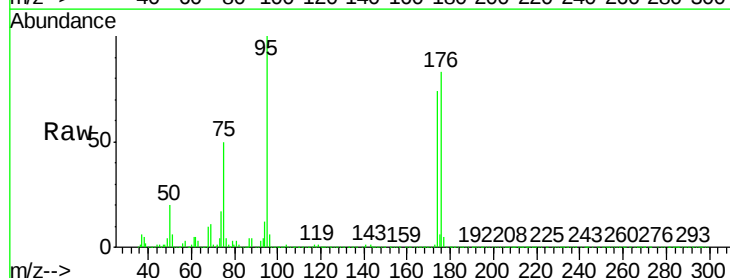
Tgt Ion: 95 Resp: 849220

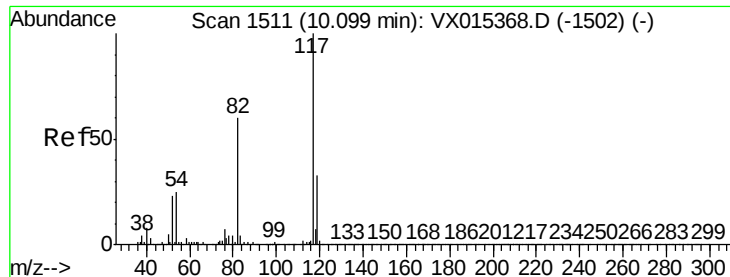
Ion Ratio Lower Upper

95 100

174 81.0 0.0 158.6

176 81.2 0.0 159.0

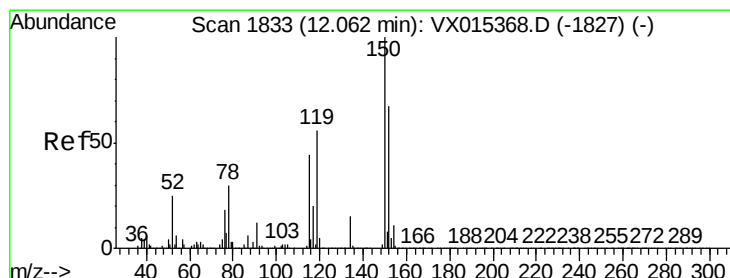
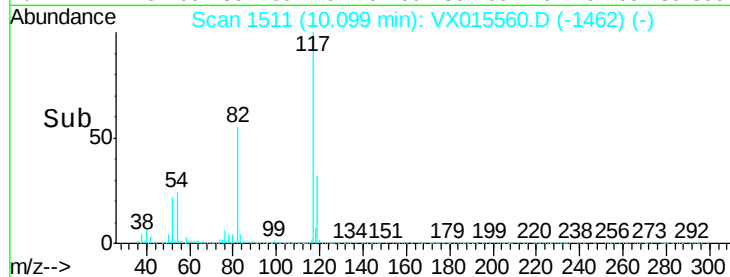
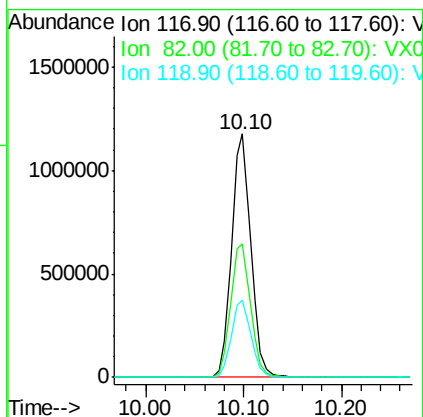
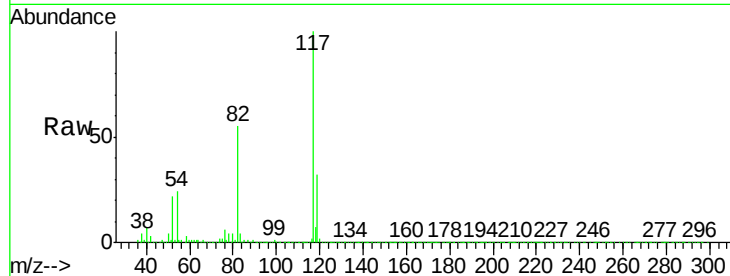




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015560.D
Acq: 08 Apr 2020 11:53

Instrument :
MSVOA_X
ClientSampleId :
TB-01-200407

Tot Ion:117 Resp: 1611522
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.8
119 31.9 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: VX015560.D
Acq: 08 Apr 2020 11:53

Tgt Ion:152 Resp: 855223
Ion Ratio Lower Upper
152 100
115 58.6 39.0 116.9
150 157.7 0.0 340.8

