

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013718.D
 Acq On : 03 Dec 2019 12:30
 Operator : JC/SP
 Sample : VX1203WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBL01

Quant Time: Dec 03 15:41:33 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	695310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1071046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	955281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	433730	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	389756	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	5.49	113	325562	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.71	98	1257823	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
62) 4-Bromofluorobenzene	11.14	95	429258	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

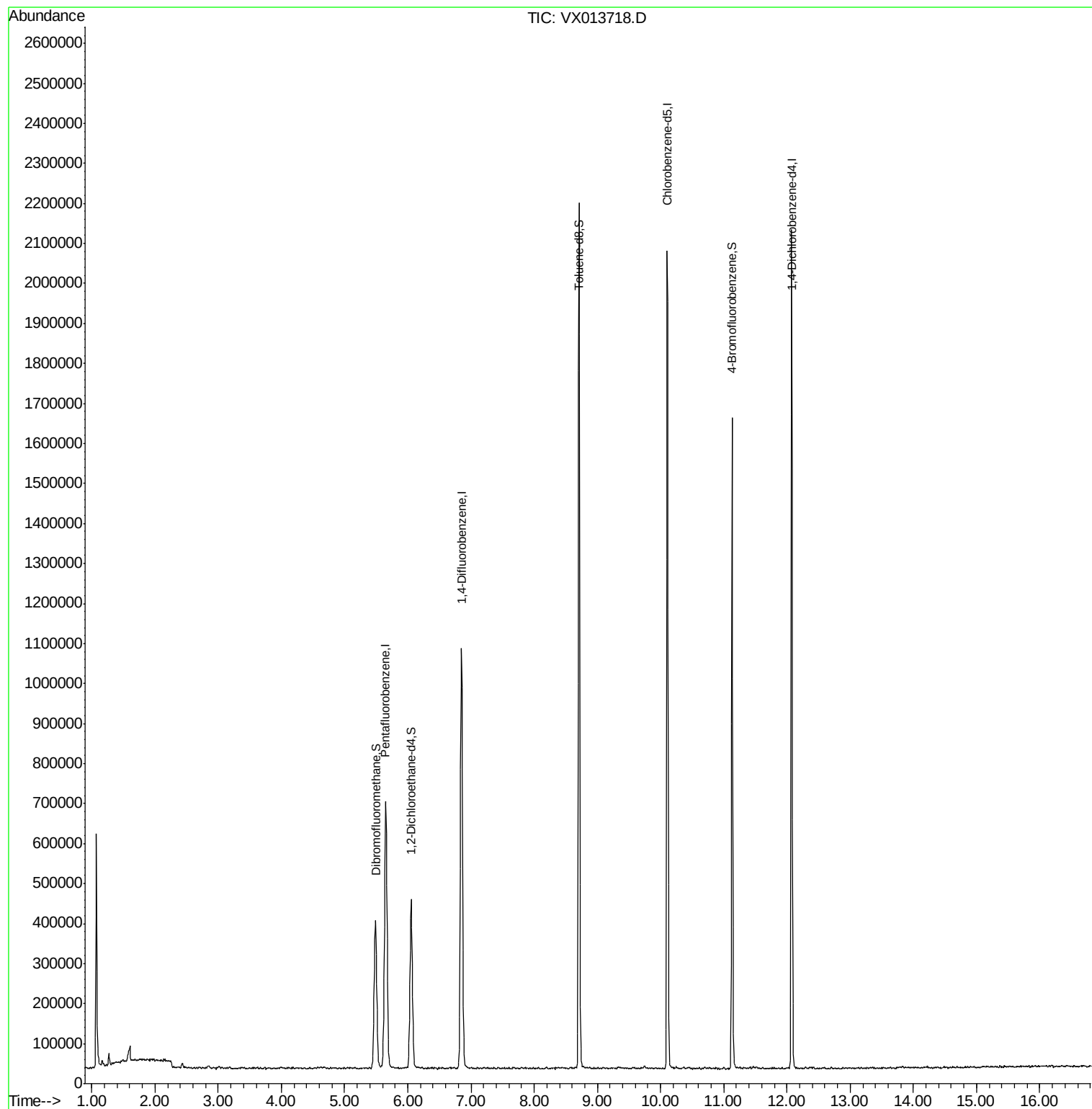
Target Compounds	Qvalue
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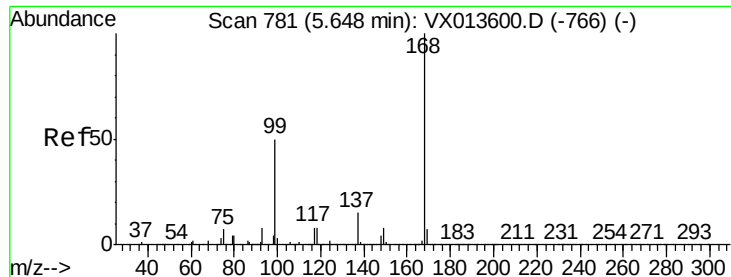
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013718.D

Acq: 03 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

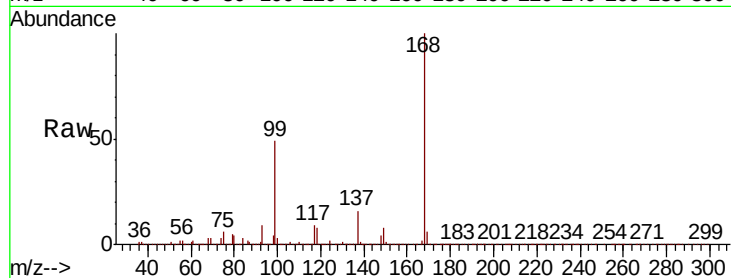
VX1203WBL01

Tot Ion:168 Resp: 695310

Ion Ratio Lower Upper

168 100

99 48.7 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

250000

200000

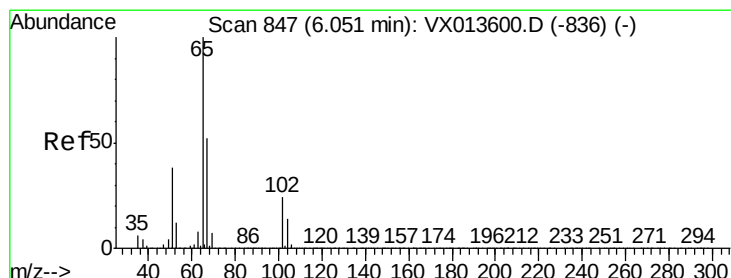
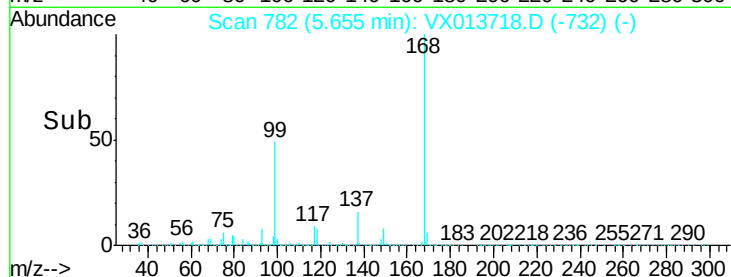
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.291 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013718.D

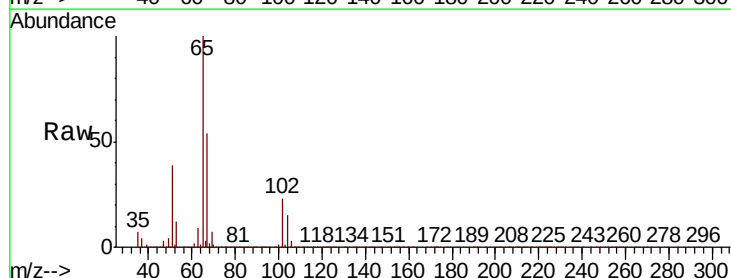
Acq: 03 Dec 2019 12:30

Tgt Ion: 65 Resp: 389756

Ion Ratio Lower Upper

65 100

67 52.5 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

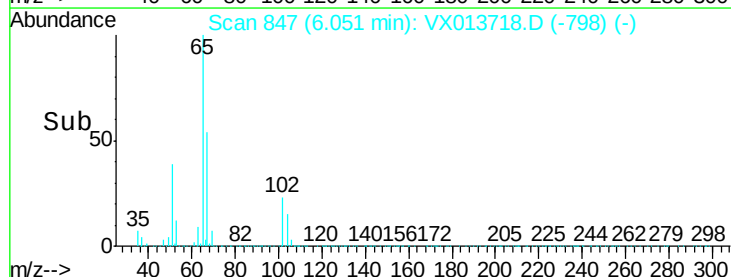
150000

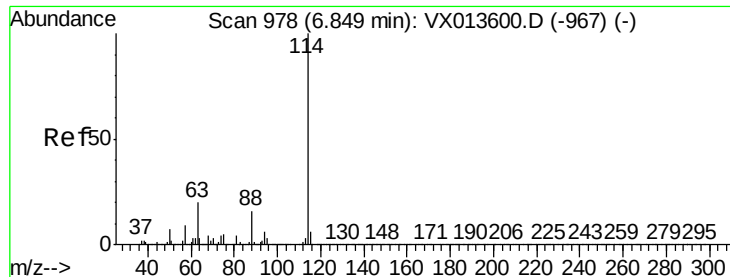
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013718.D

Acq: 03 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBL01

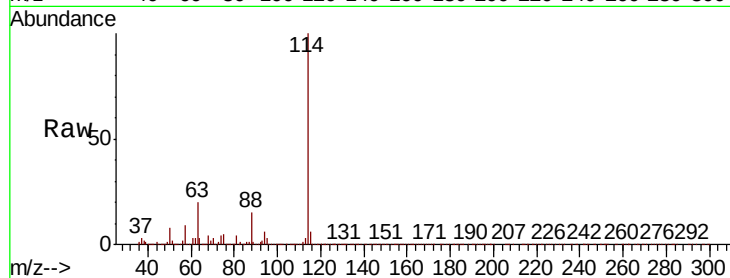
Tot Ion:114 Resp: 1071046

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 15.5 0.0 31.4



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

600000

500000

400000

300000

200000

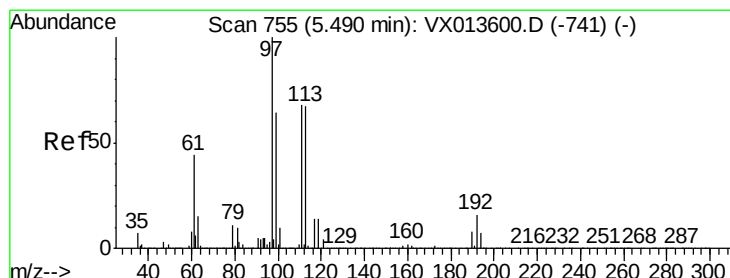
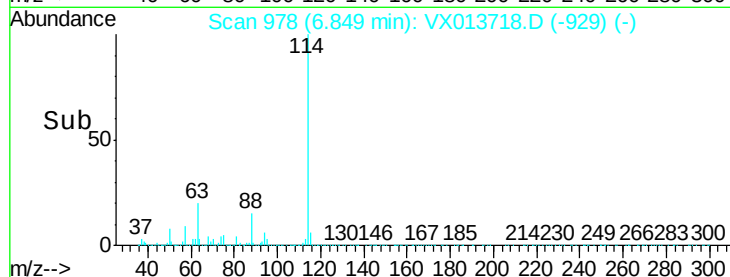
100000

0

6.85

6.80 6.85 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.169 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013718.D

Acq: 03 Dec 2019 12:30

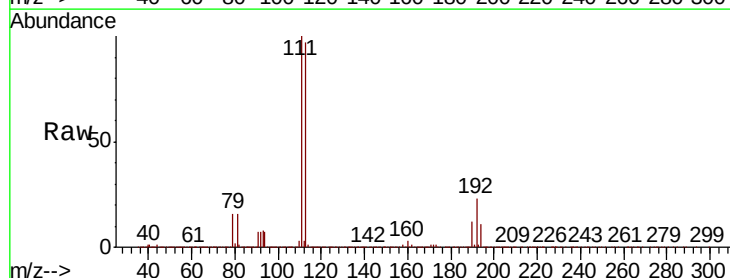
Tgt Ion:113 Resp: 325562

Ion Ratio Lower Upper

113 100

111 100.6 83.6 125.4

192 23.3 19.2 28.8



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

150000

100000

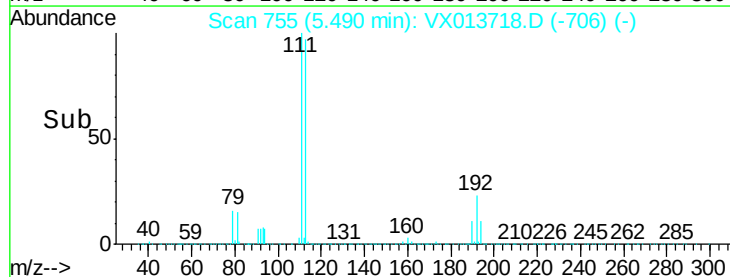
50000

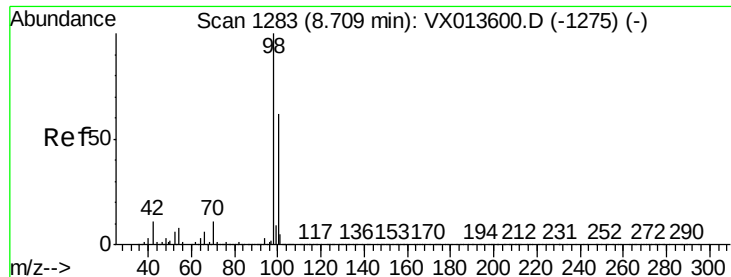
0

5.49

5.40 5.45 5.50 5.55 5.60

Time-->





#50

Toluene-d8

Concen: 48.758 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013718.D

Acq: 03 Dec 2019 12:30

Instrument :

MSVOA_X

ClientSampleId :

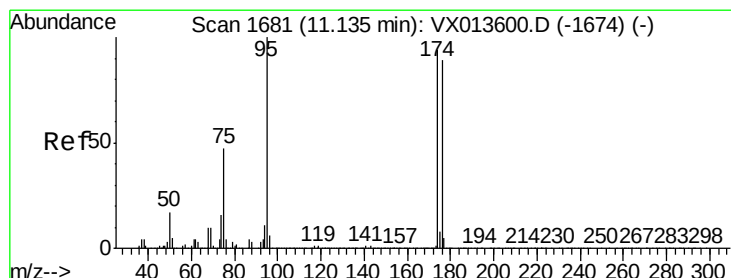
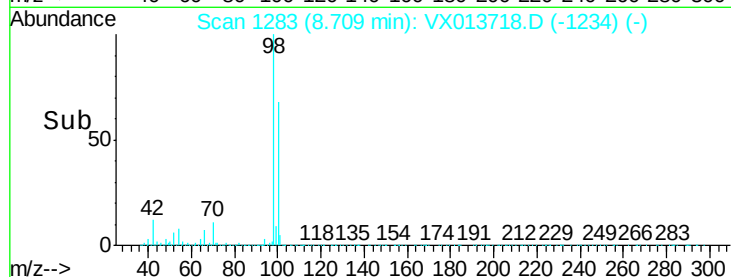
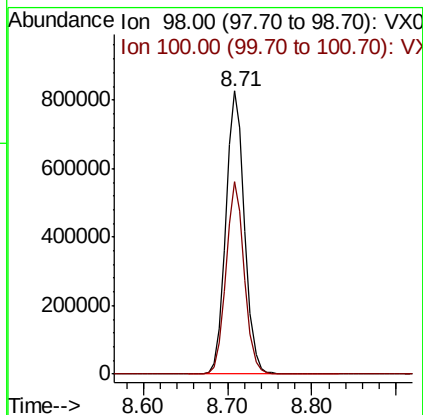
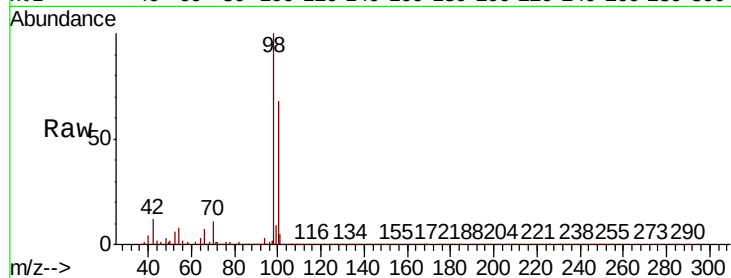
VX1203WBL01

Tot Ion: 98 Resp: 1257823

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.144 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013718.D

Acq: 03 Dec 2019 12:30

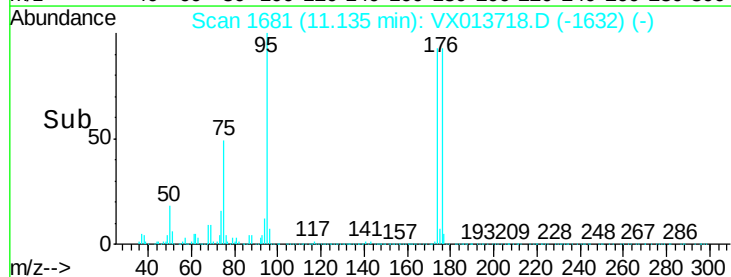
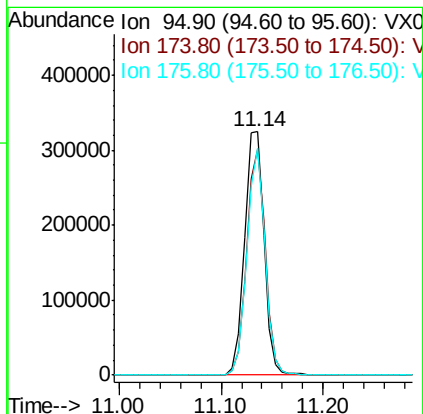
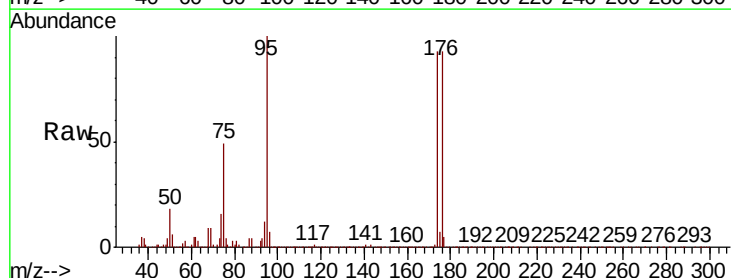
Tgt Ion: 95 Resp: 429258

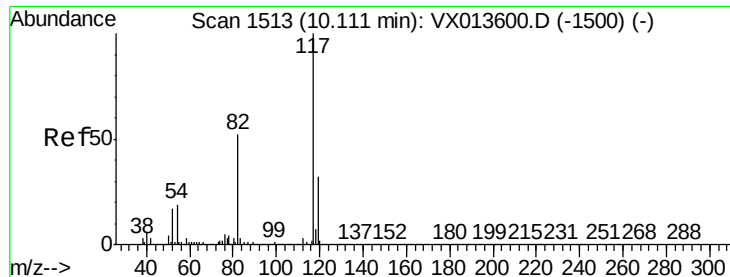
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

176 87.2 0.0 173.6

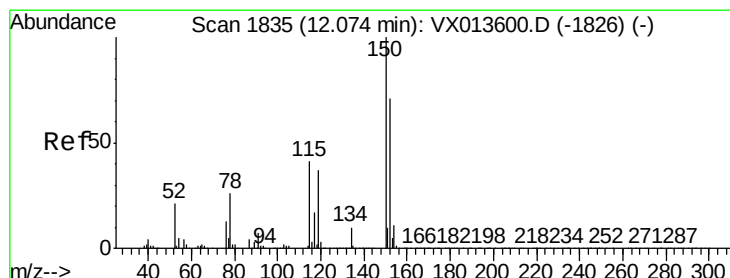
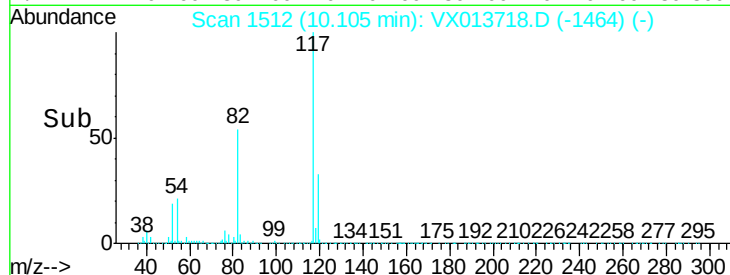
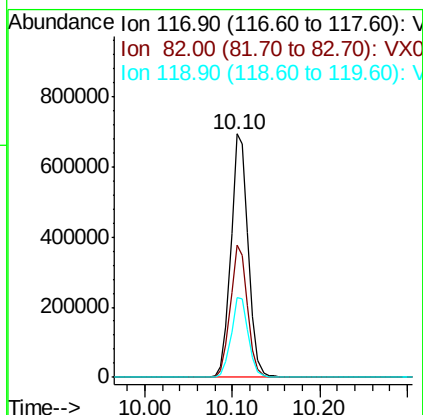
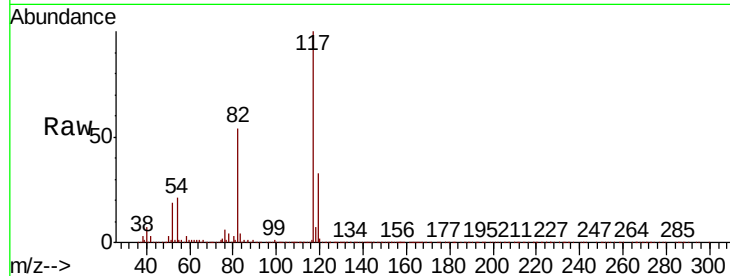




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013718.D
Acq: 03 Dec 2019 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	41.8	62.8
119	32.5	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013718.D
Acq: 03 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	38.4	115.1
150	157.3	0.0	346.8

