

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013578.D
 Acq On : 25 Nov 2019 13:50
 Operator : JC/SP
 Sample : VX1125WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBL01

Quant Time: Nov 25 14:27:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	686058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1121194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1010306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	455795	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	408766	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
35) Dibromofluoromethane	5.48	113	340810	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	1342853	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	11.13	95	455184	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

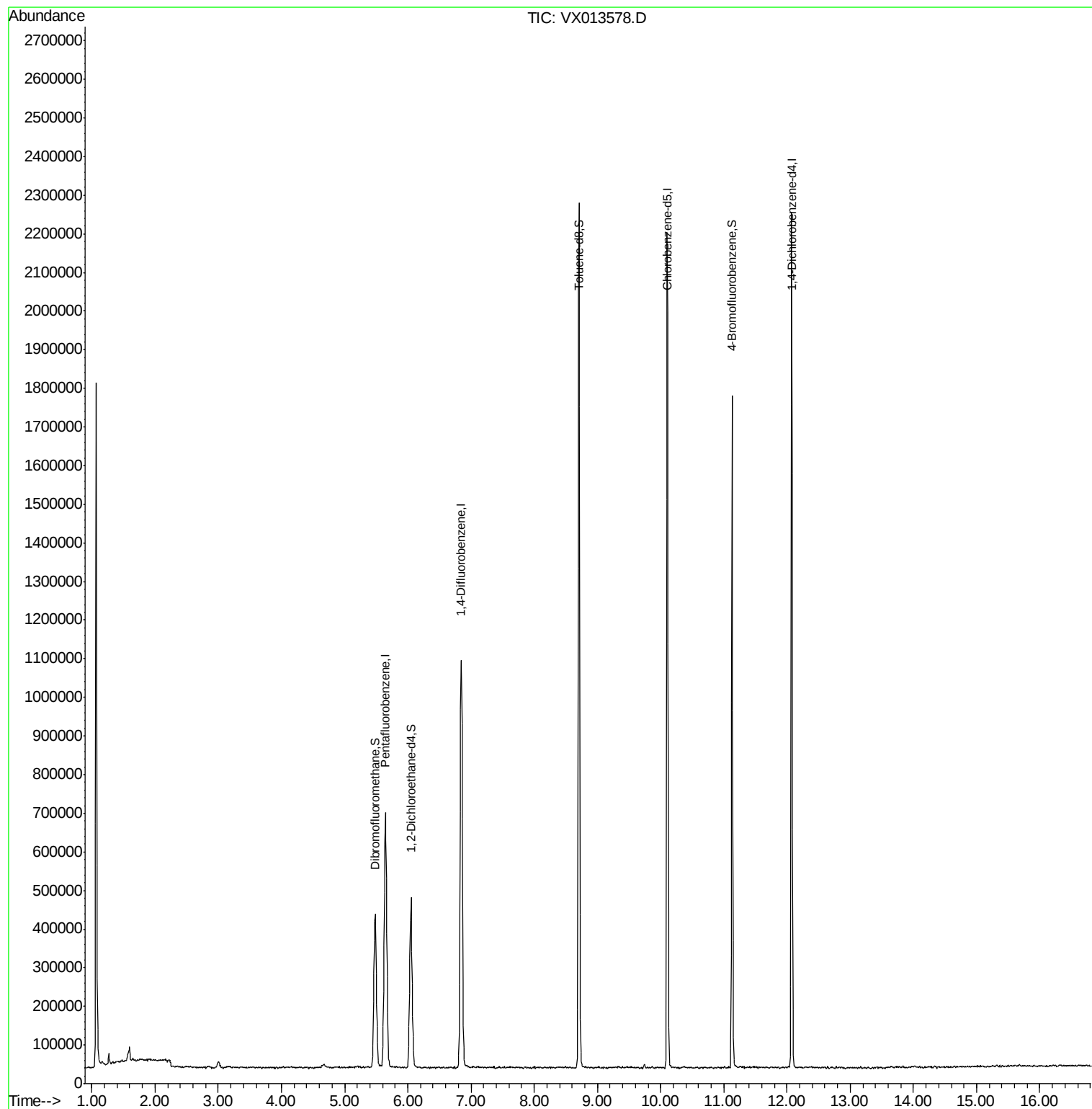
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

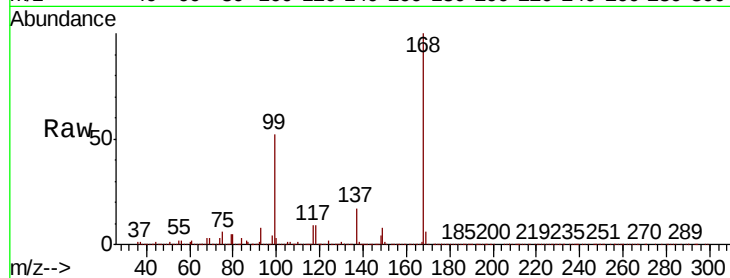
VX1125WBL01

Tot Ion:168 Resp: 686058

Ion Ratio Lower Upper

168 100

99 51.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

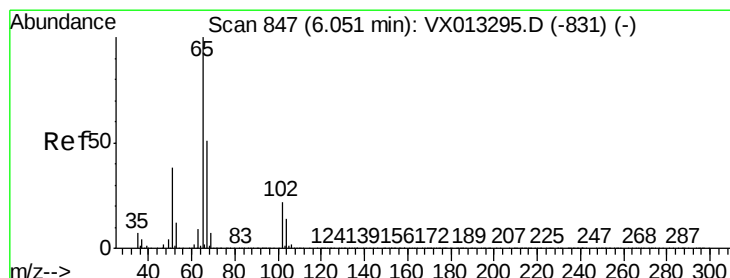
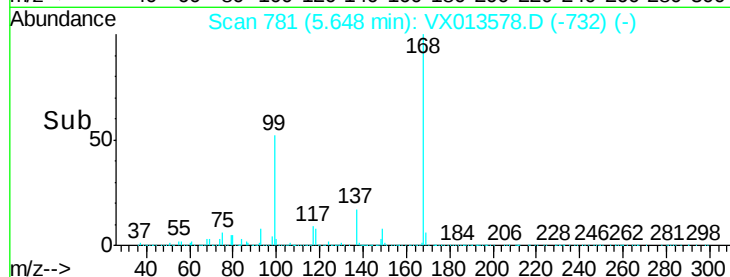
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 50.293 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013578.D

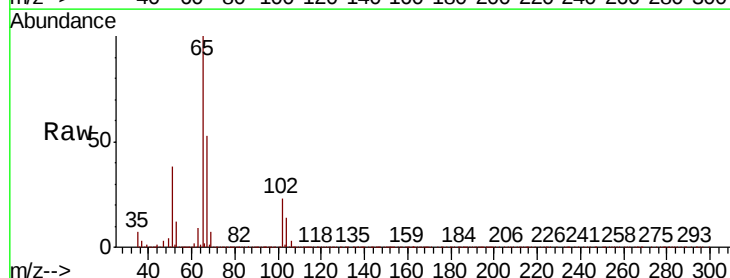
Acq: 25 Nov 2019 13:50

Tgt Ion: 65 Resp: 408766

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

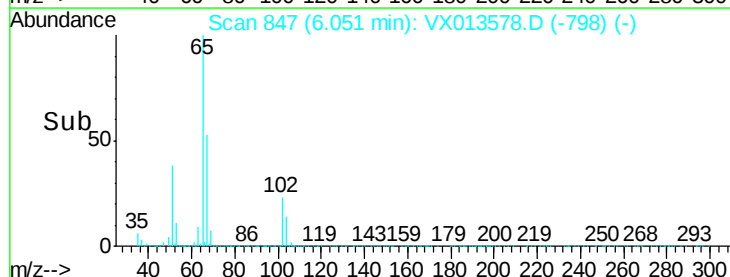
150000

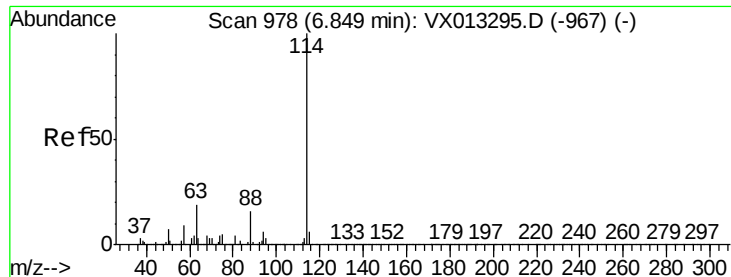
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013578.D

Acq: 25 Nov 2019 13:50

Instrument :

MSVOA_X

ClientSampleId :

VX1125WBL01

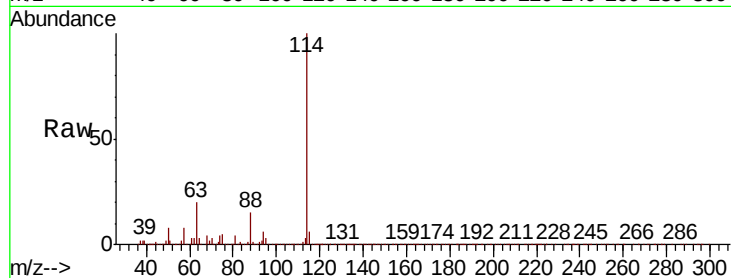
Tot Ion:114 Resp: 1121194

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

88 14.8 0.0 32.2



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

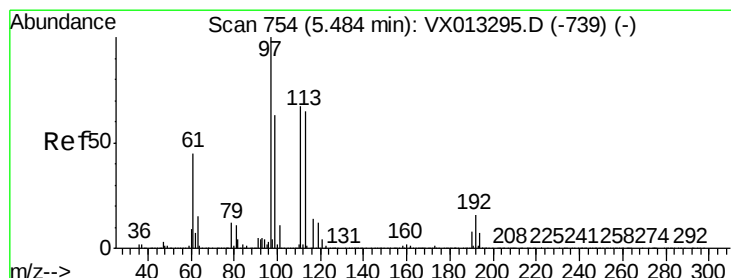
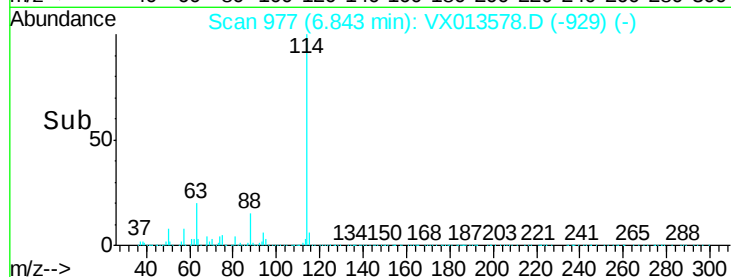
100000

0

6.84

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 48.464 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013578.D

Acq: 25 Nov 2019 13:50

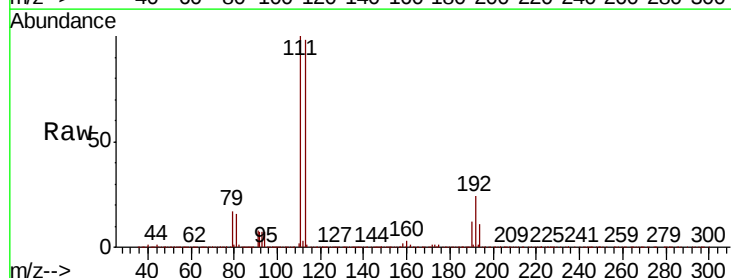
Tgt Ion:113 Resp: 340810

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

192 23.4 19.1 28.7



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

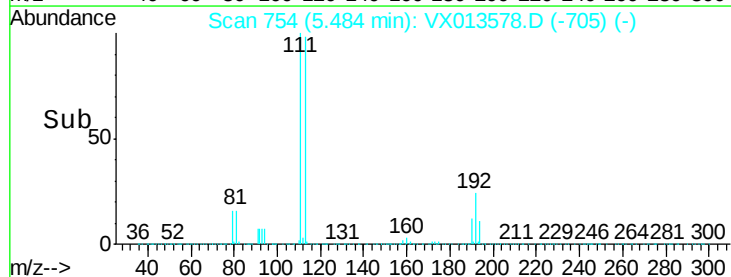
50000

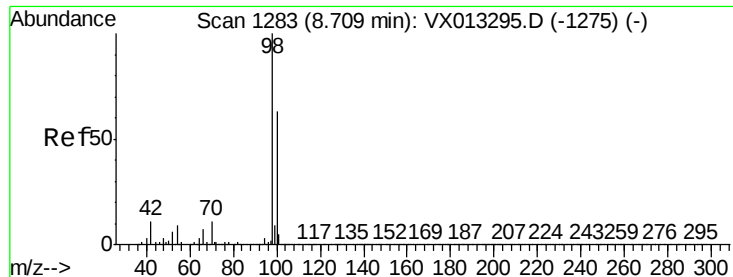
0

5.48

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 50.653 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

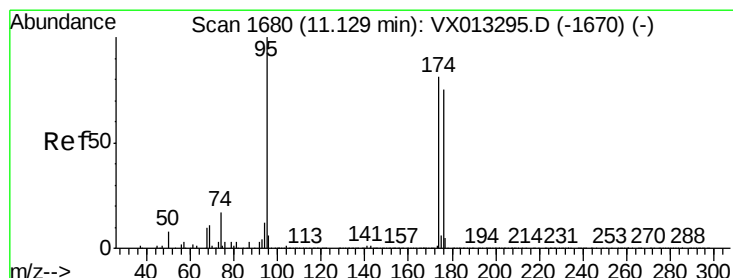
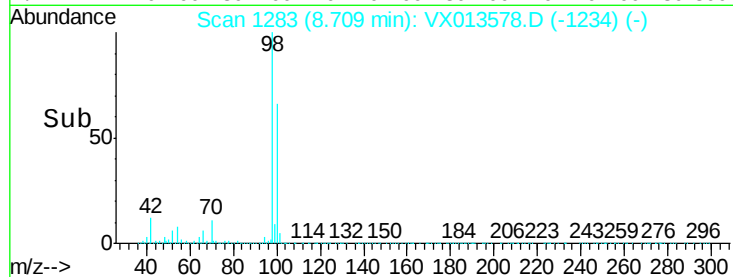
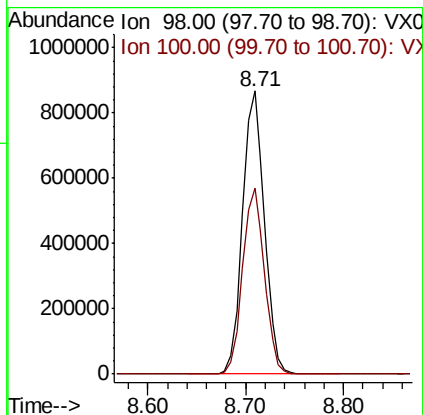
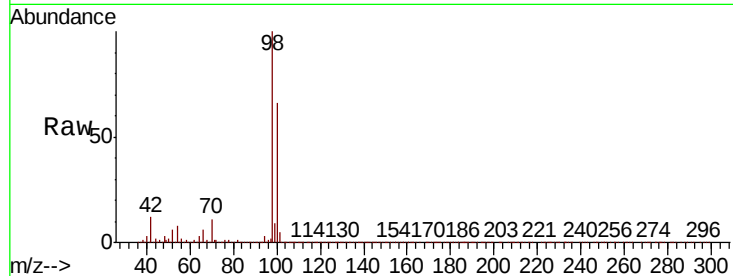
VX1125WBL01

Tot Ion: 98 Resp: 1342853

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.574 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013578.D

Acq: 25 Nov 2019 13:50

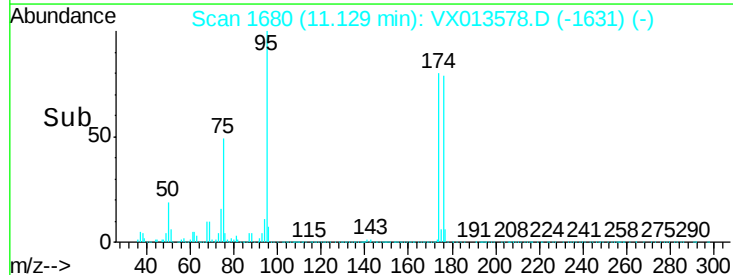
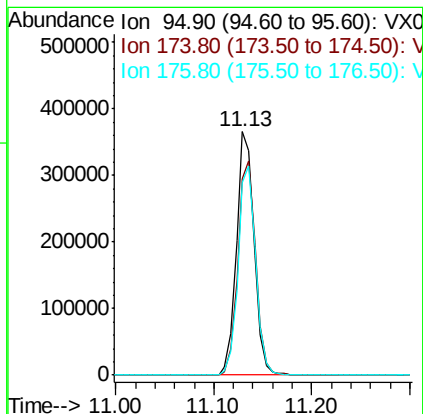
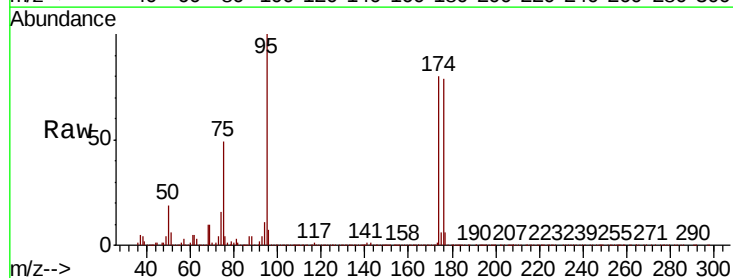
Tgt Ion: 95 Resp: 455184

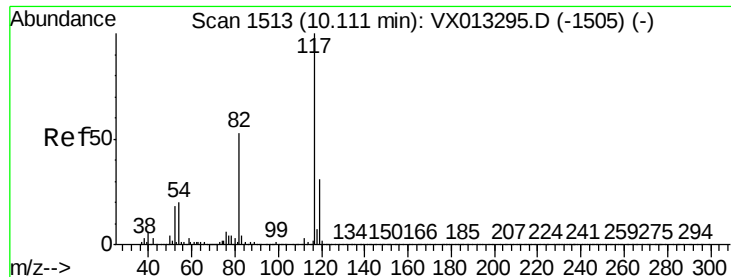
Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.8

176 85.5 0.0 173.0

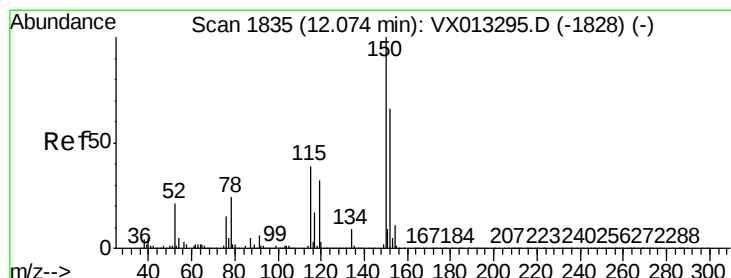
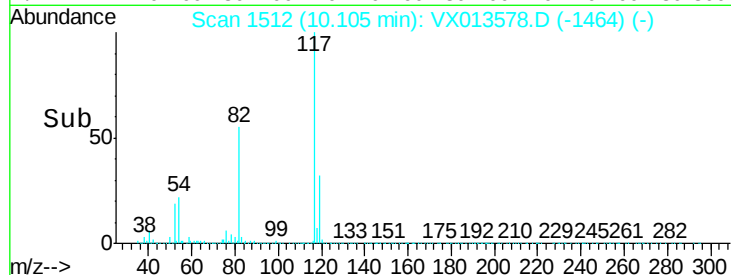
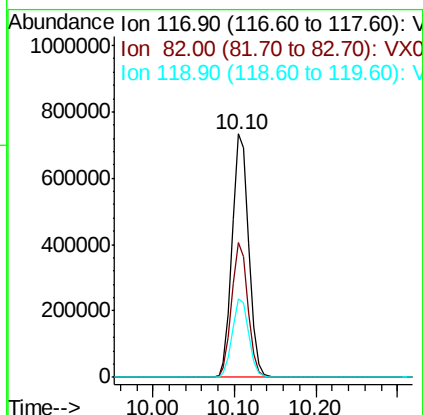
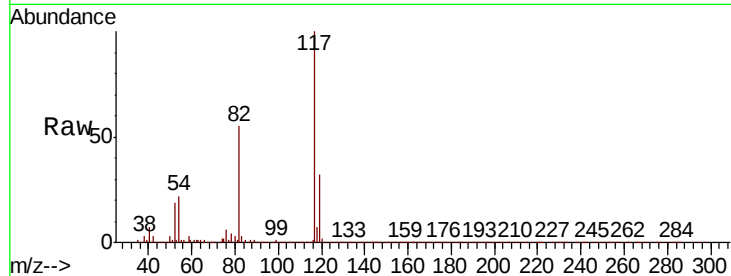




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013578.D
Acq: 25 Nov 2019 13:50

Instrument :
MSVOA_X
ClientSampleId :
VX1125WBL01

Tot Ion:117 Resp: 1010306
Ion Ratio Lower Upper
117 100
82 55.4 42.6 64.0
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013578.D
Acq: 25 Nov 2019 13:50

Tgt Ion:152 Resp: 455795
Ion Ratio Lower Upper
152 100
115 55.8 39.5 118.3
150 158.6 0.0 344.4

