

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013383.D
 Acq On : 12 Nov 2019 14:22
 Operator : JC/SP
 Sample : VX1112WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1112WBL02

Quant Time: Nov 13 02:55:16 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	738307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1156293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1020184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	454126	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	414549	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.48	113	350131	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.71	98	1369338	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.13	95	452718	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	

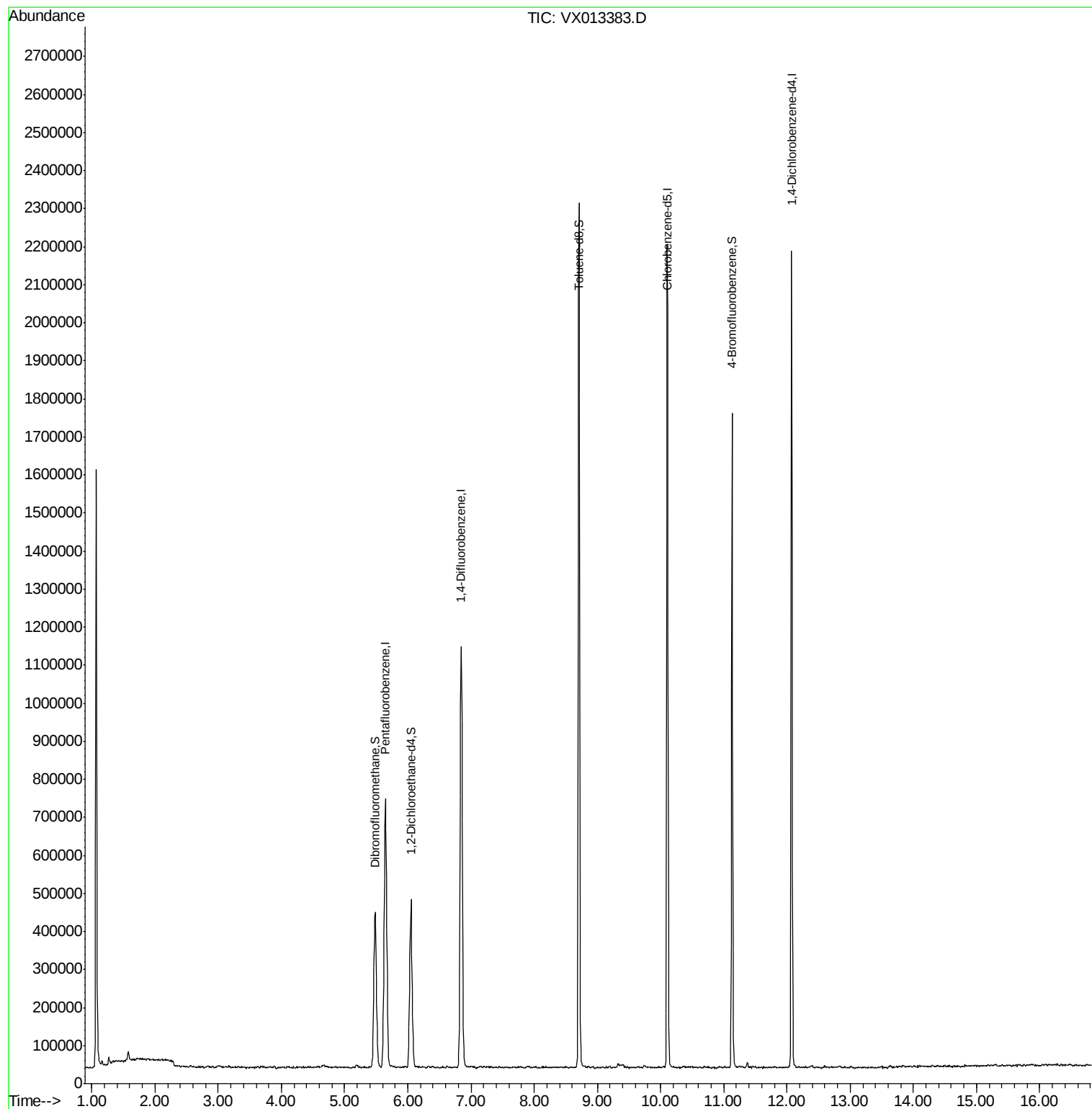
Target Compounds	Qvalue

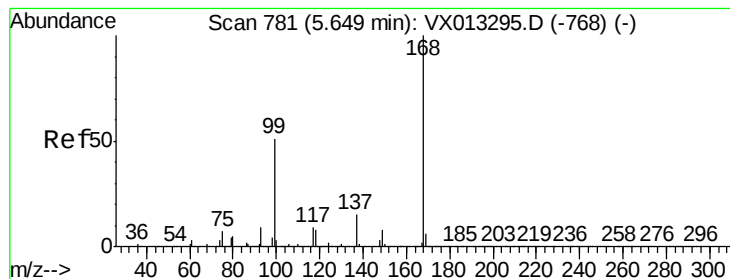
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111219\
Data File : VX013383.D
Acq On : 12 Nov 2019 14:22
Operator : JC/SP
Sample : VX1112WBL02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBL02

Quant Time: Nov 13 02:55:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013383.D

Acq: 12 Nov 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

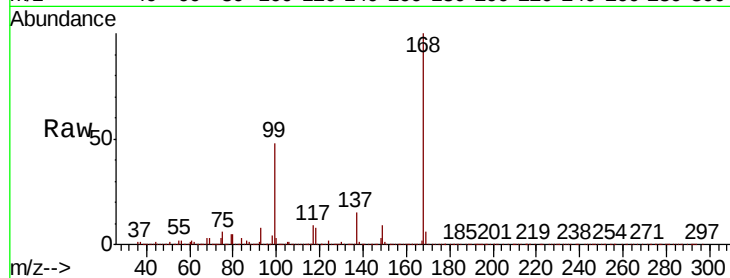
VX1112WBL02

Tot Ion:168 Resp: 738307

Ion Ratio Lower Upper

168 100

99 48.1 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

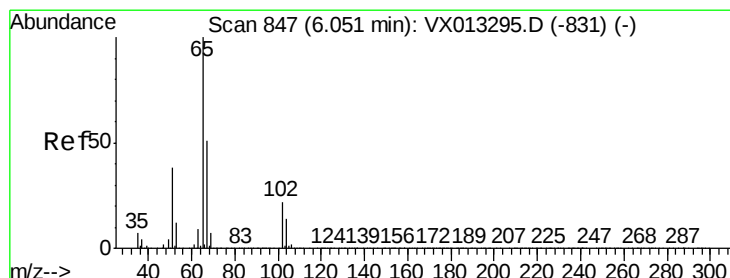
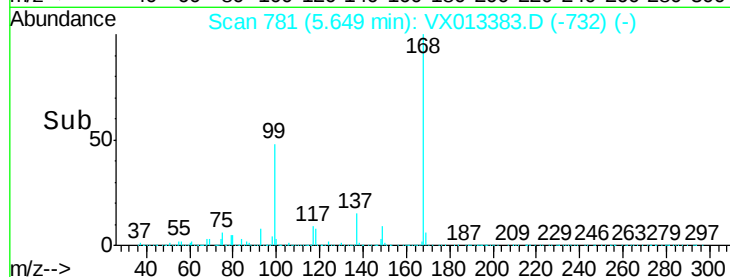
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.395 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013383.D

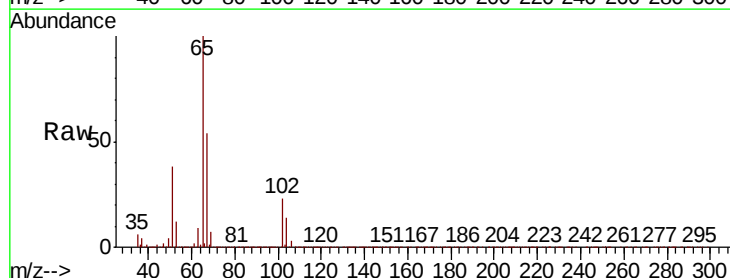
Acq: 12 Nov 2019 14:22

Tgt Ion: 65 Resp: 414549

Ion Ratio Lower Upper

65 100

67 52.3 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

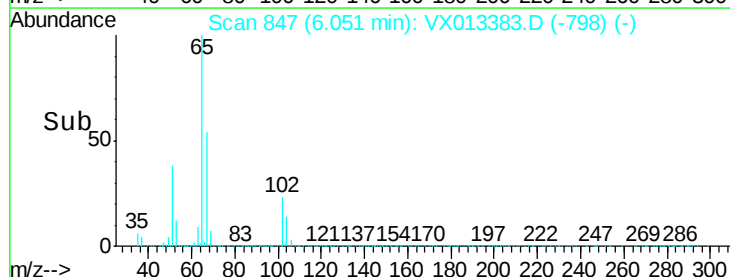
150000

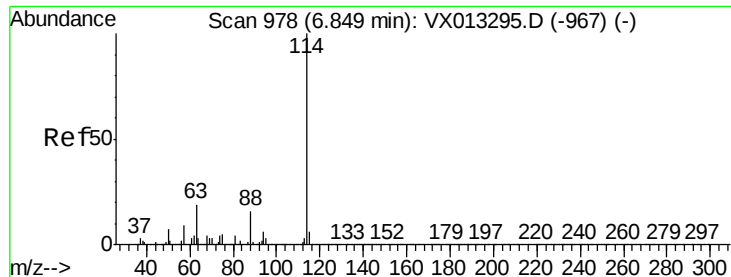
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013383.D

Acq: 12 Nov 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

VX1112WBL02

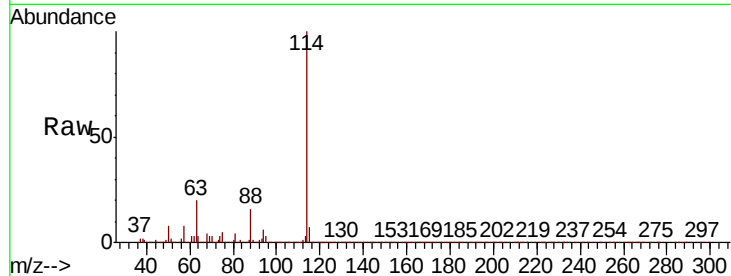
Tot Ion:114 Resp: 1156293

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 16.2 0.0 32.2



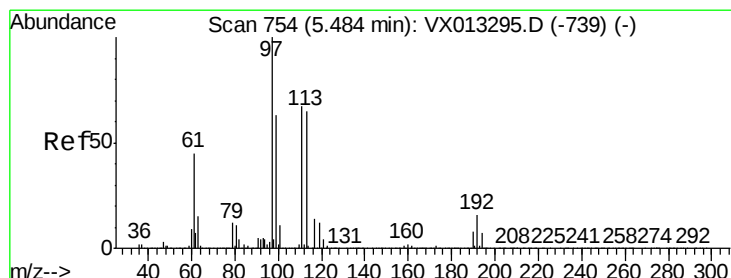
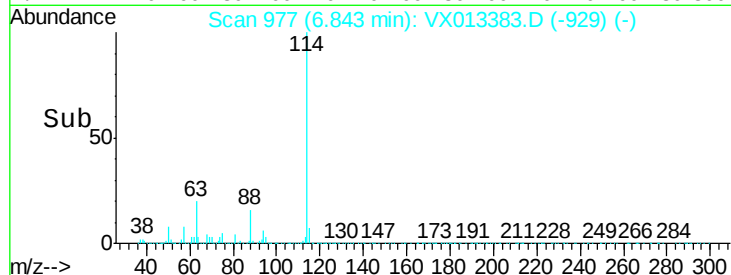
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

Time-->



#35

Dibromofluoromethane

Concen: 48.278 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013383.D

Acq: 12 Nov 2019 14:22

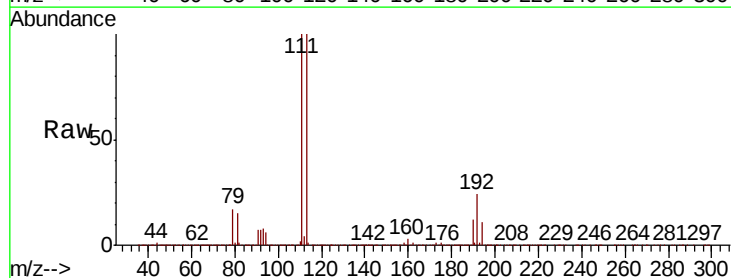
Tgt Ion:113 Resp: 350131

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 23.6 19.1 28.7



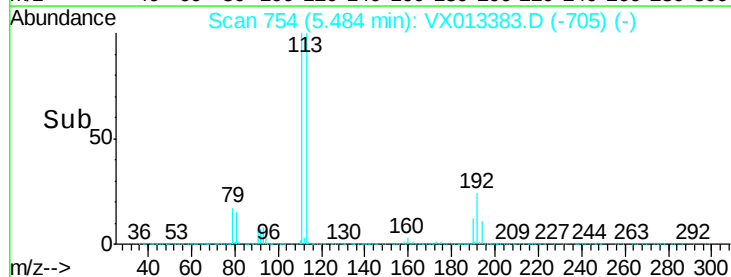
Abundance Ion 112.80 (112.50 to 113.50): V

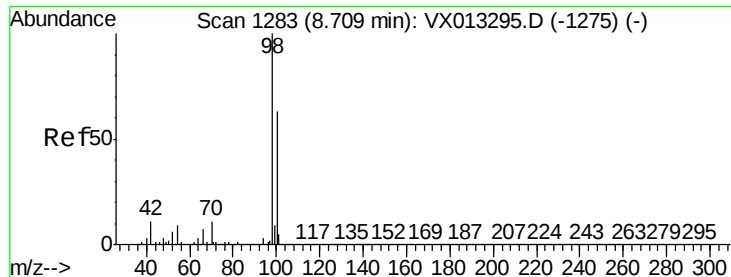
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48

Time-->





#50

Toluene-d8

Concen: 50.084 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013383.D

Acq: 12 Nov 2019 14:22

Instrument :

MSVOA_X

ClientSampleId :

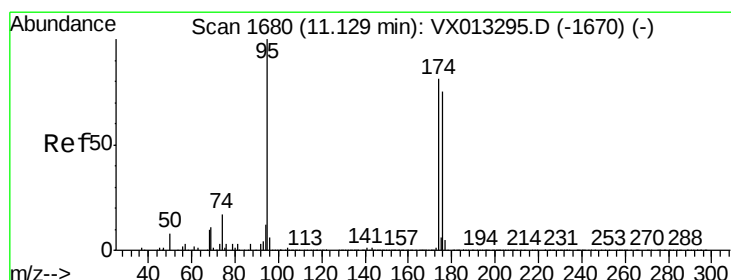
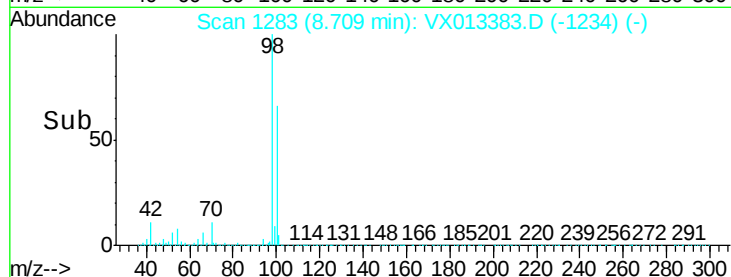
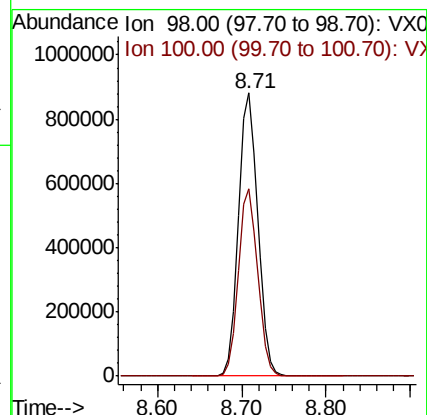
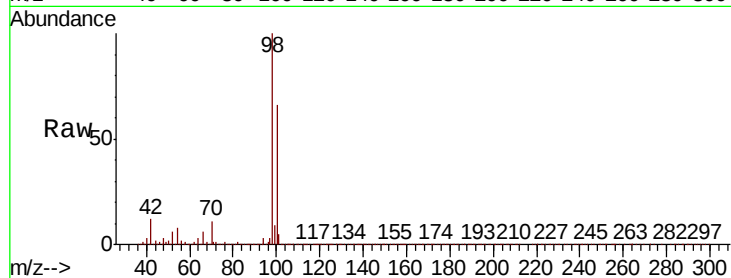
VX1112WBL02

Tot Ion: 98 Resp: 1369338

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.880 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013383.D

Acq: 12 Nov 2019 14:22

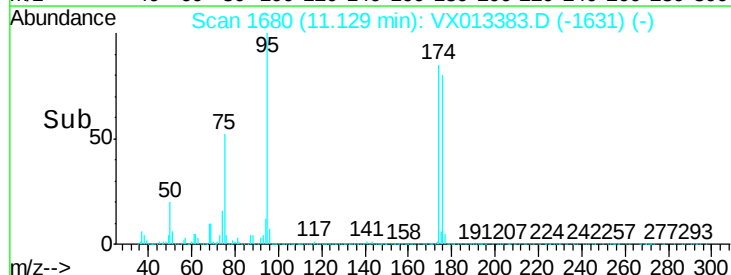
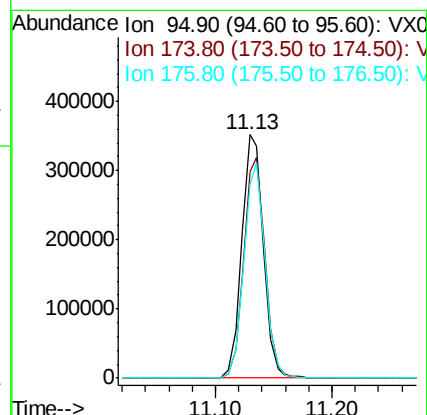
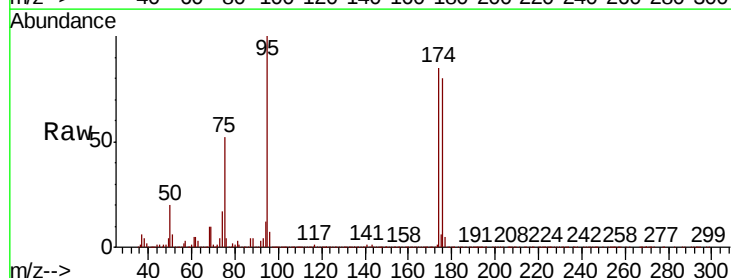
Tgt Ion: 95 Resp: 452718

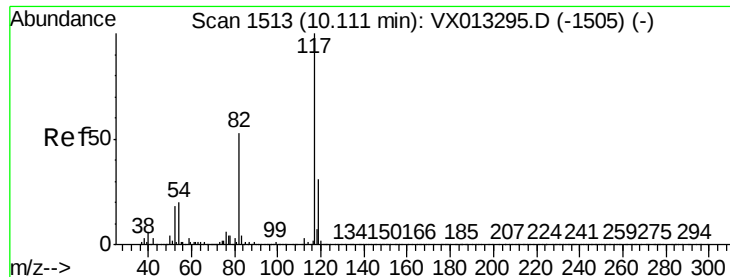
Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.8

176 86.7 0.0 173.0

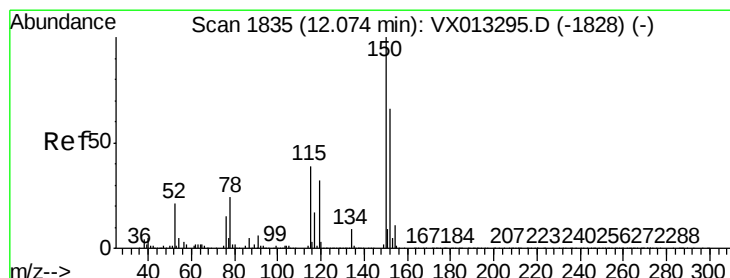
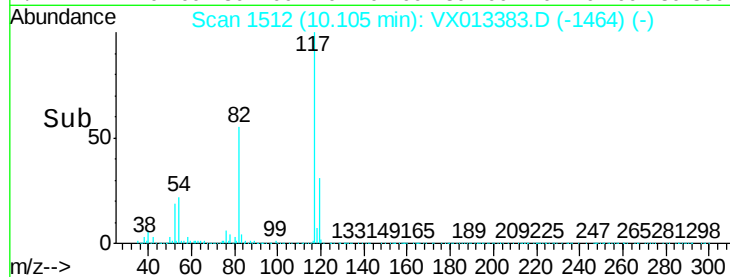
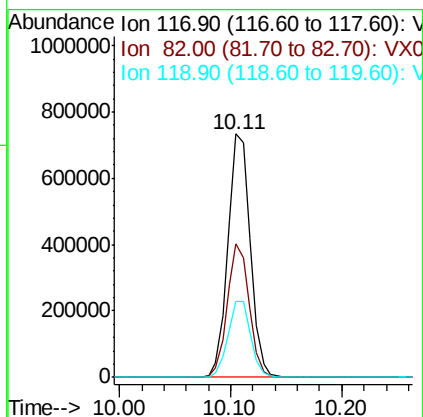
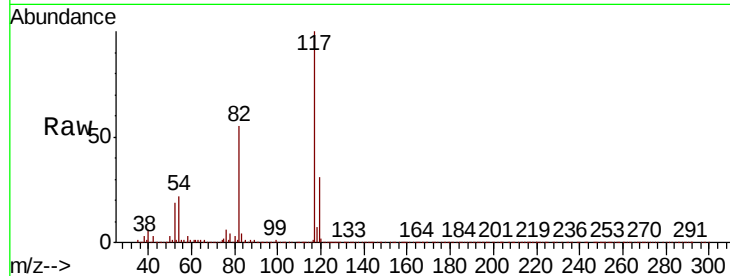




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013383.D
Acq: 12 Nov 2019 14:22

Instrument :
MSVOA_X
ClientSampleId :
VX1112WBL02

Tot Ion:117 Resp: 1020184
Ion Ratio Lower Upper
117 100
82 54.6 42.6 64.0
119 31.0 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: VX013383.D
Acq: 12 Nov 2019 14:22

Tgt Ion:152 Resp: 454126
Ion Ratio Lower Upper
152 100
115 54.8 39.5 118.3
150 156.0 0.0 344.4

