

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112019\
 Data File : VX013477.D
 Acq On : 20 Nov 2019 15:12
 Operator : JC/SP
 Sample : K5958-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-111919

Quant Time: Nov 21 02:51:57 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	755476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1213303	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1081361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	470463	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	445529	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	5.49	113	365713	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	1451509	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.14	95	478373	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

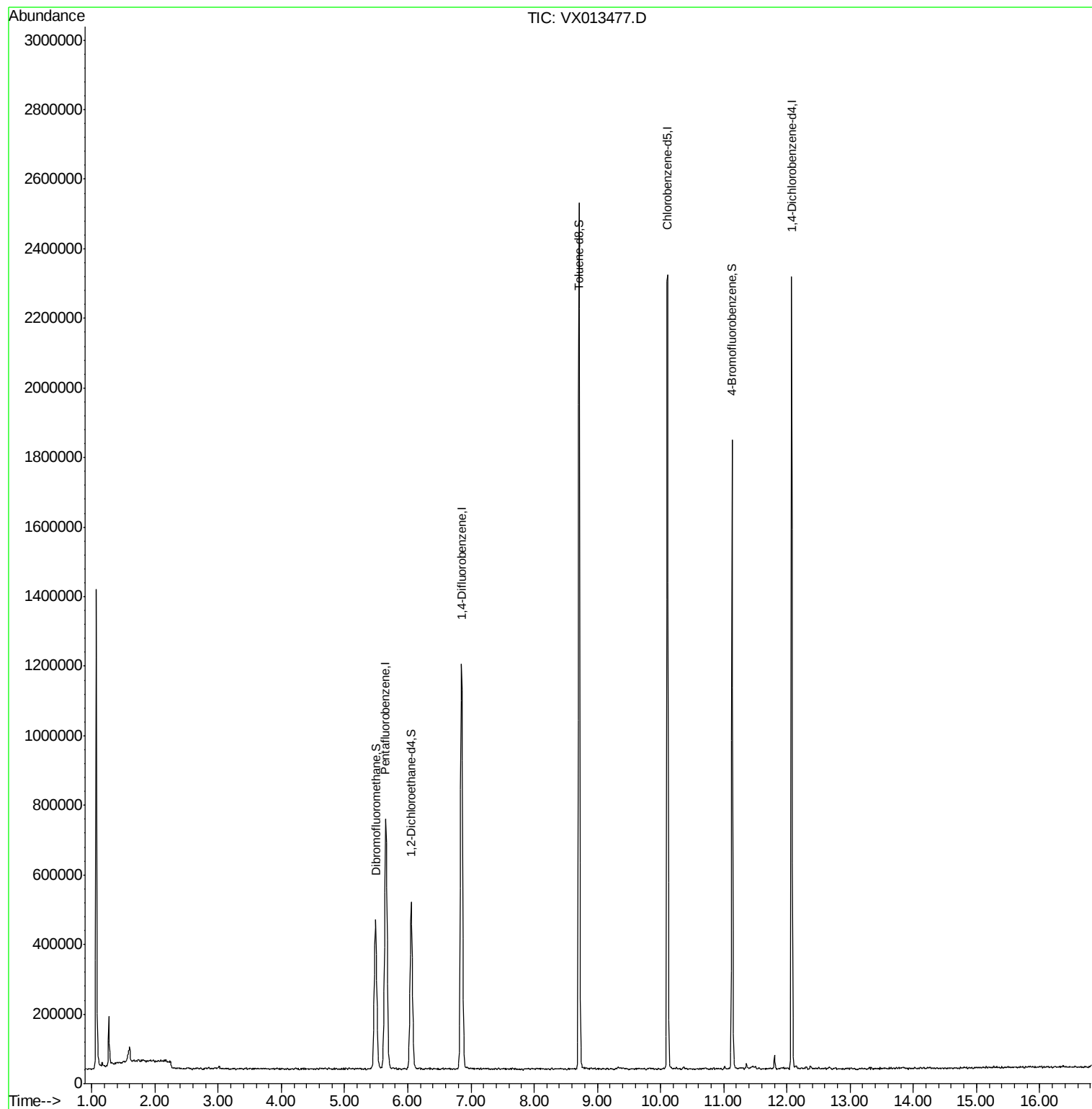
Target Compounds	Qvalue
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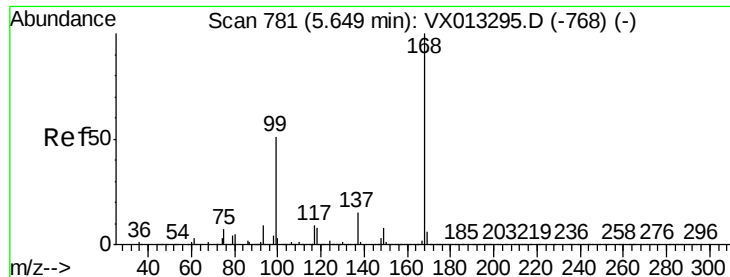
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013477.D

Acq: 20 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

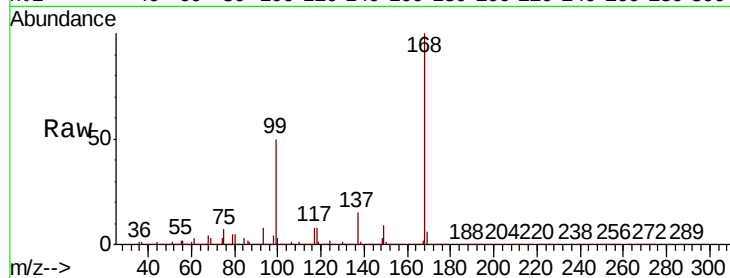
EB-111919

Tot Ion:168 Resp: 755476

Ion Ratio Lower Upper

168 100

99 49.8 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

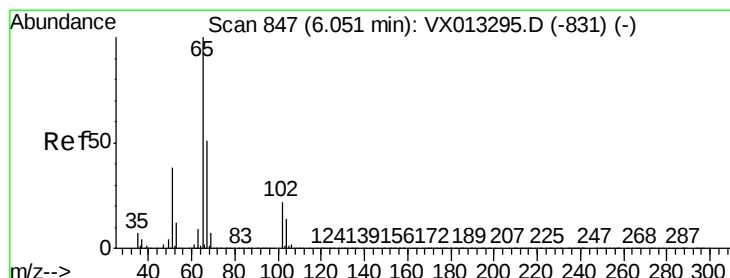
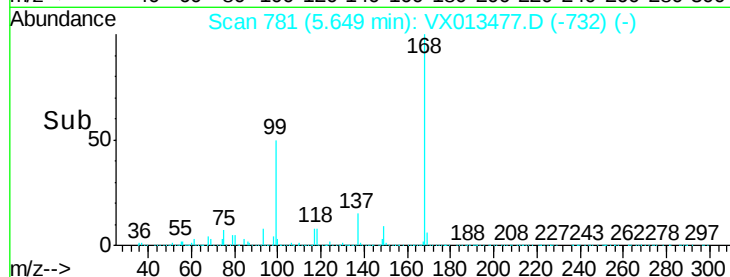
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.779 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013477.D

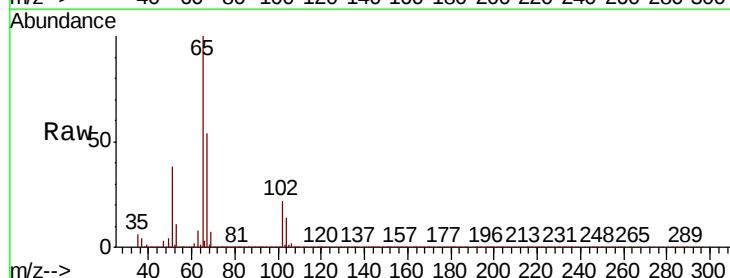
Acq: 20 Nov 2019 15:12

Tgt Ion: 65 Resp: 445529

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

200000

150000

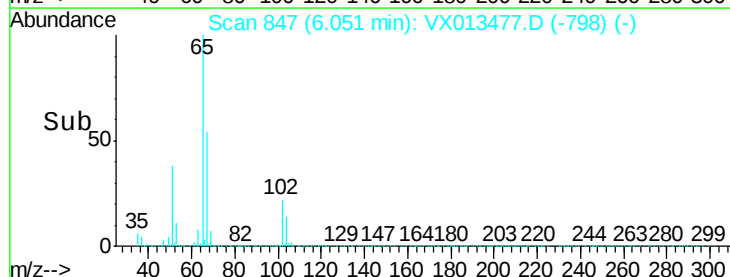
100000

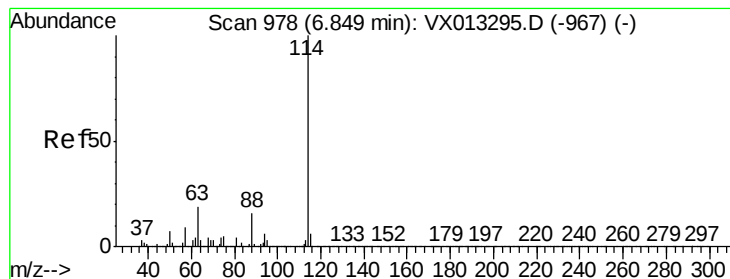
50000

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: VX013477.D

Acq: 20 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampleId :

EB-111919

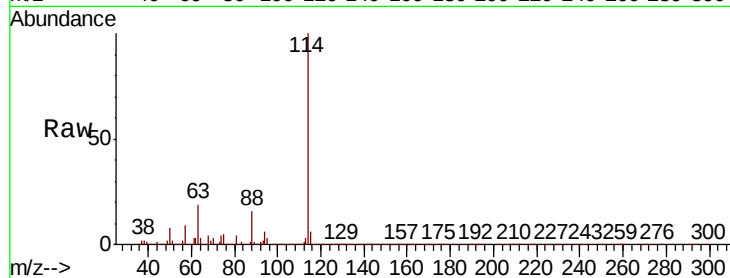
Tot Ion:114 Resp: 1213303

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

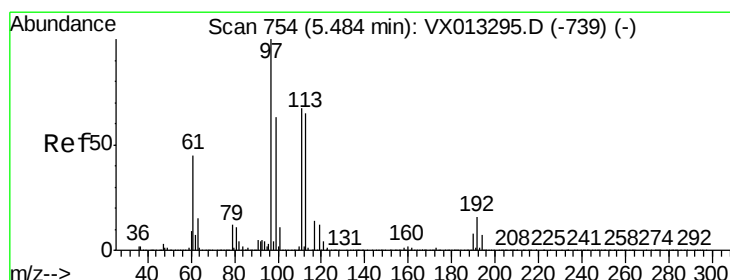
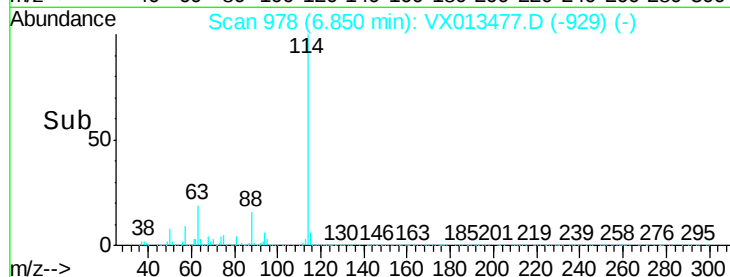
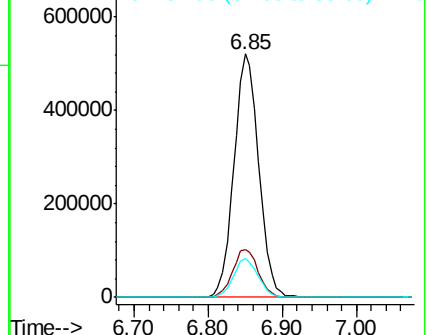
88 15.7 0.0 32.2



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



#35

Dibromofluoromethane

Concen: 48.057 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013477.D

Acq: 20 Nov 2019 15:12

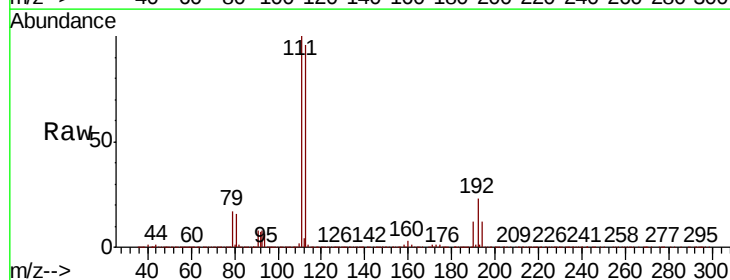
Tgt Ion:113 Resp: 365713

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

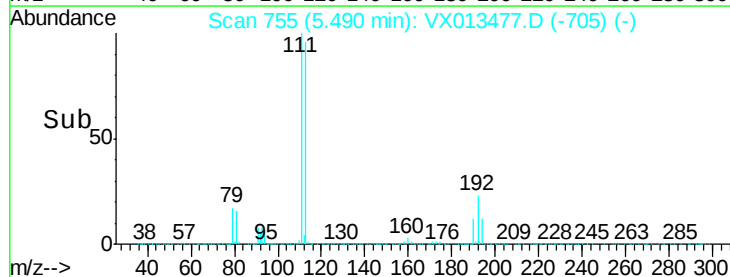
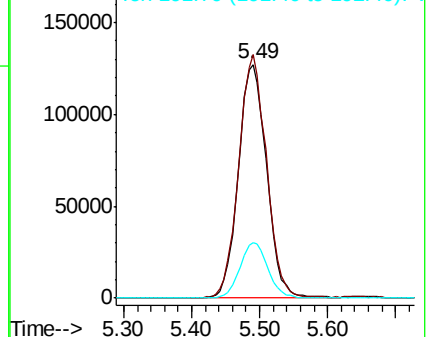
192 23.5 19.1 28.7

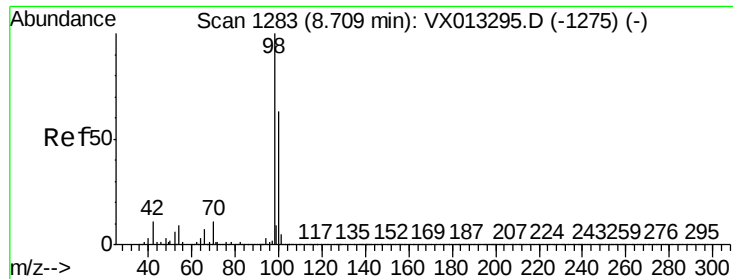


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.595 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013477.D

Acq: 20 Nov 2019 15:12

Instrument :

MSVOA_X

ClientSampled :

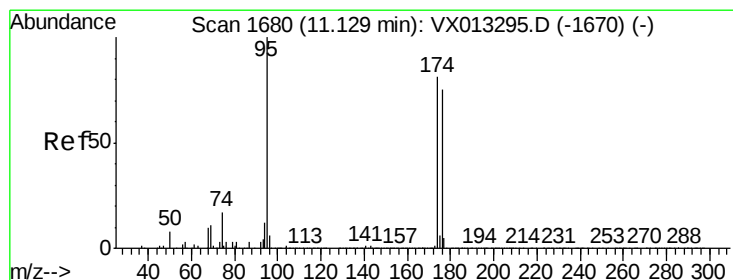
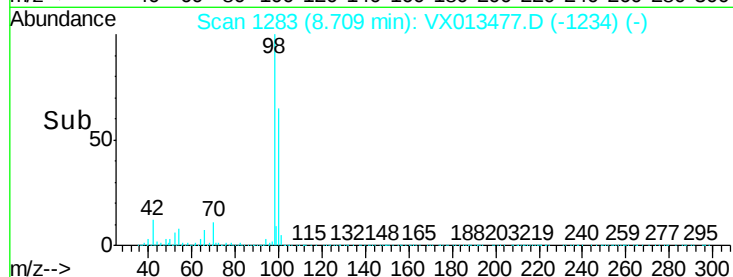
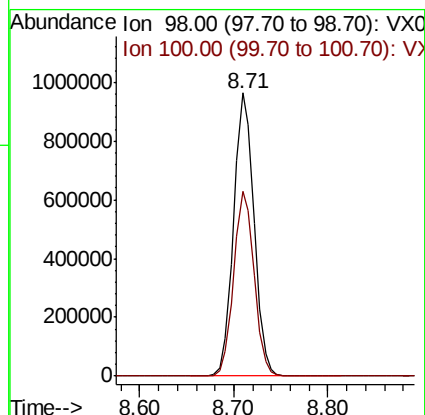
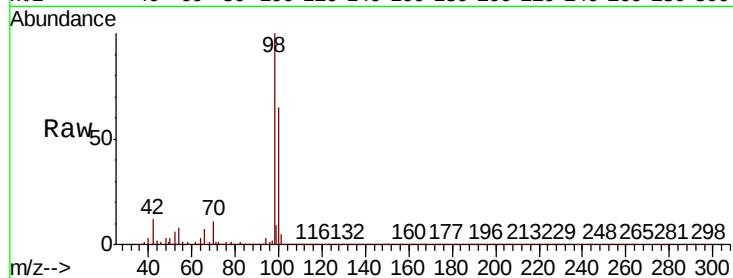
EB-111919

Tot Ion: 98 Resp: 1451509

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.202 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013477.D

Acq: 20 Nov 2019 15:12

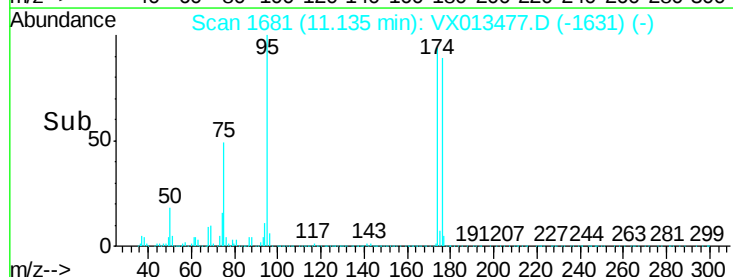
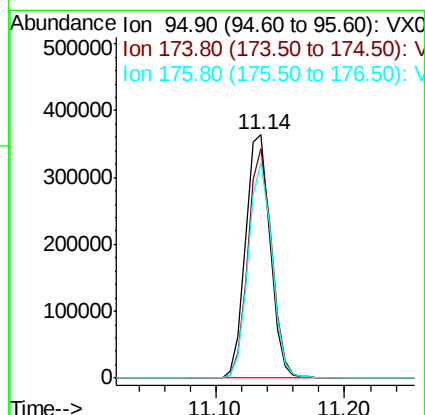
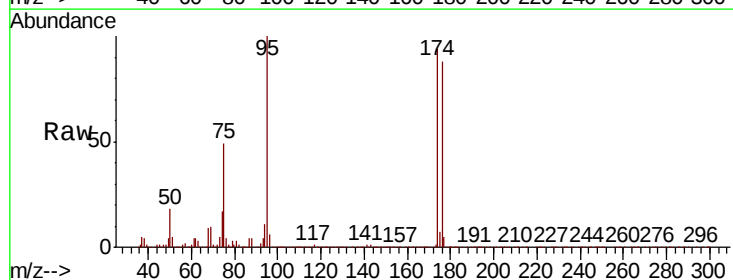
Tgt Ion: 95 Resp: 478373

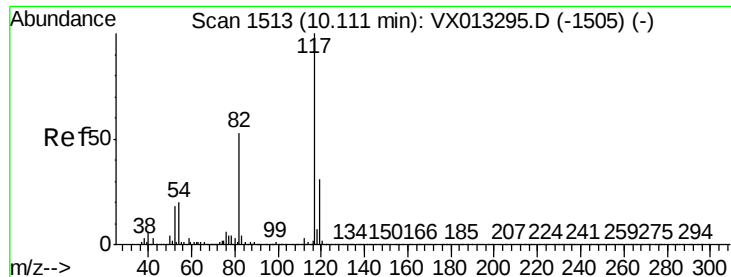
Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.8

176 85.8 0.0 173.0

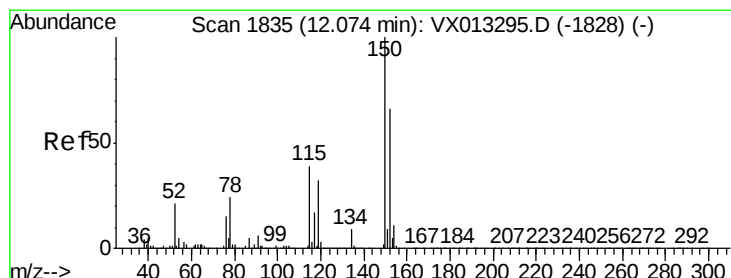
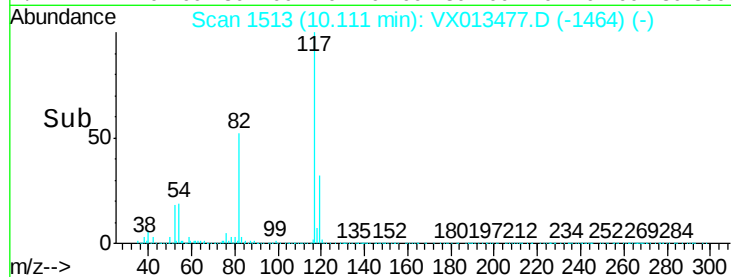
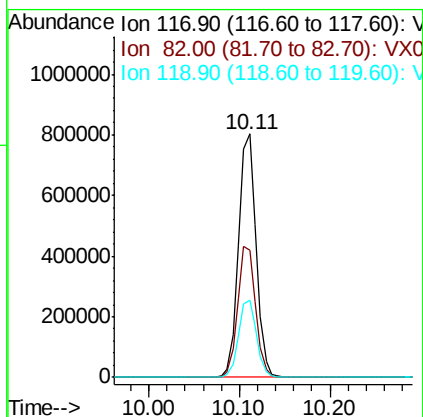
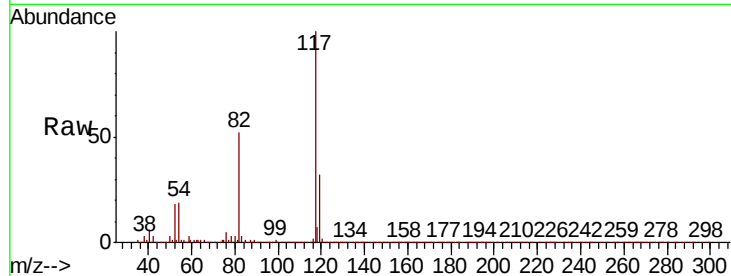




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013477.D
Acq: 20 Nov 2019 15:12

Instrument :
MSVOA_X
ClientSampled :
EB-111919

Tot Ion:117 Resp: 1081361
Ion Ratio Lower Upper
117 100
82 52.1 42.6 64.0
119 31.6 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: VX013477.D
Acq: 20 Nov 2019 15:12

Tgt Ion:152 Resp: 470463
Ion Ratio Lower Upper
152 100
115 55.2 39.5 118.3
150 158.4 0.0 344.4

