

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013443.D
 Acq On : 15 Nov 2019 14:03
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 16 00:51:43 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	708507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1135787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1009243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	460901	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	410129	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
35) Dibromofluoromethane	5.49	113	344878	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	1360852	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.14	95	454798	46.92	ug/l	0.00
Spiked Amount			Recovery	=	93.84%	

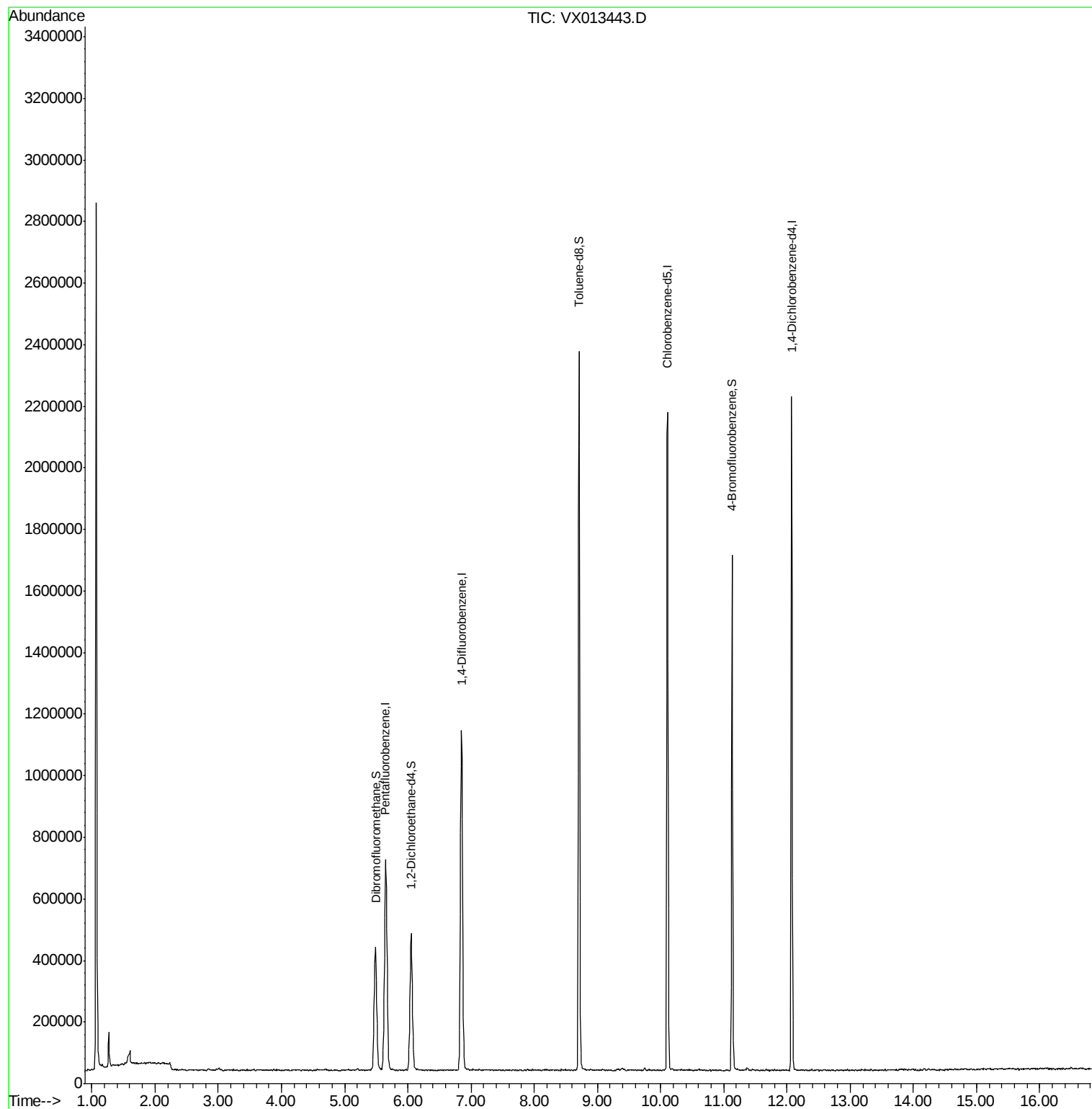
Target Compounds	Qvalue
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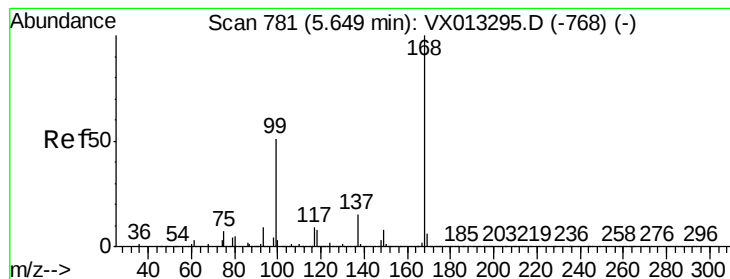
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

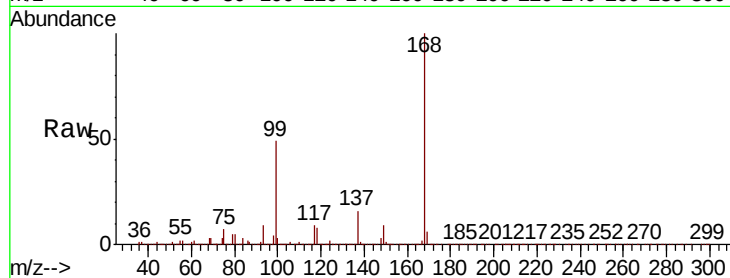
IBLK

Tot Ion:168 Resp: 708507

Ion Ratio Lower Upper

168 100

99 48.8 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

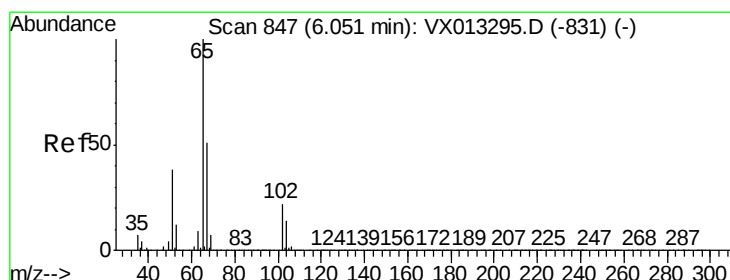
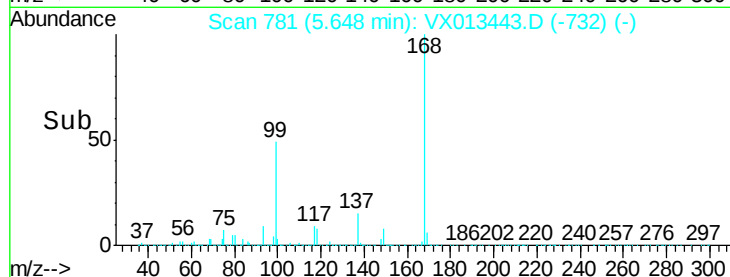
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.861 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013443.D

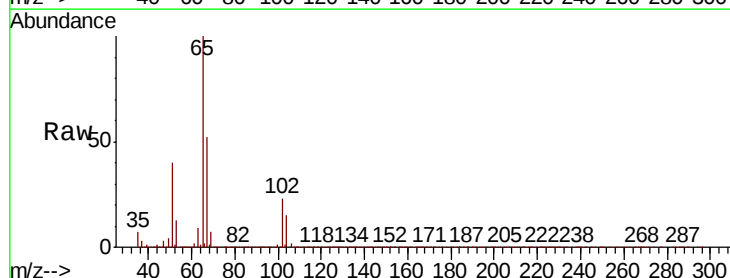
Acq: 15 Nov 2019 14:03

Tgt Ion: 65 Resp: 410129

Ion Ratio Lower Upper

65 100

67 52.9 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

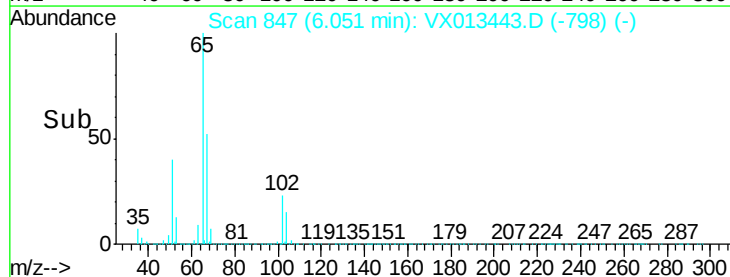
150000

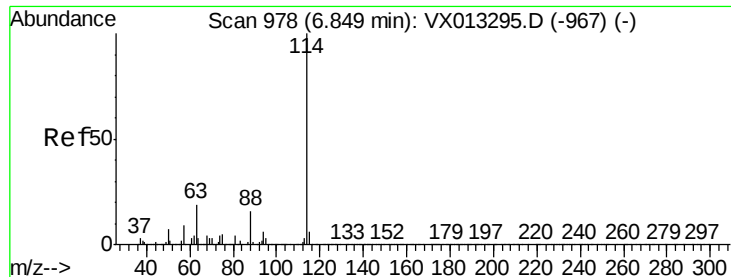
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

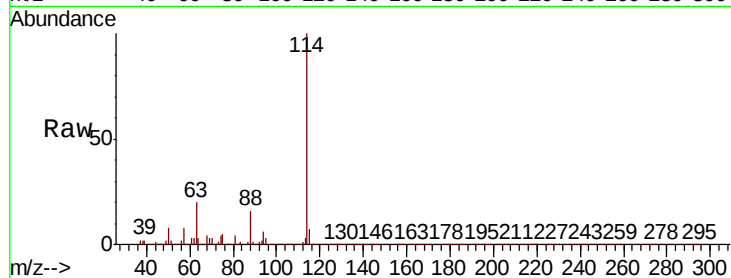
Tot Ion:114 Resp: 1135787

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

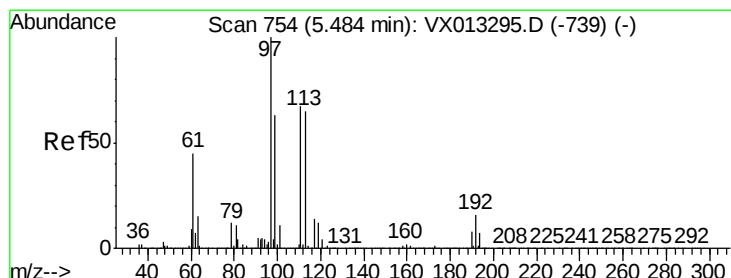
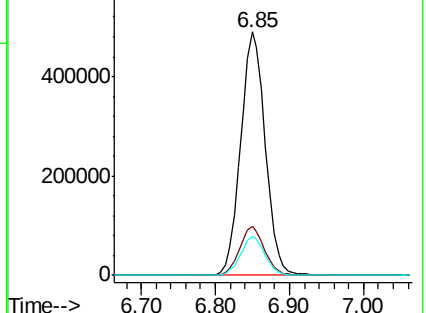
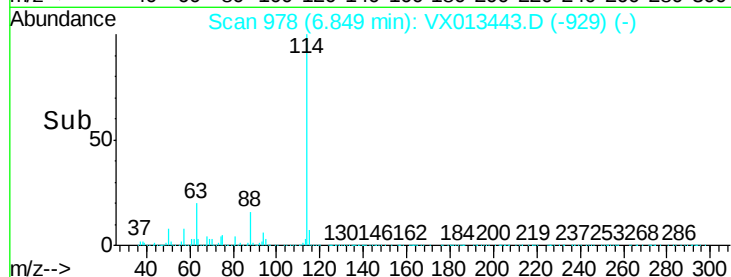
88 16.1 0.0 32.2



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: 48.412 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

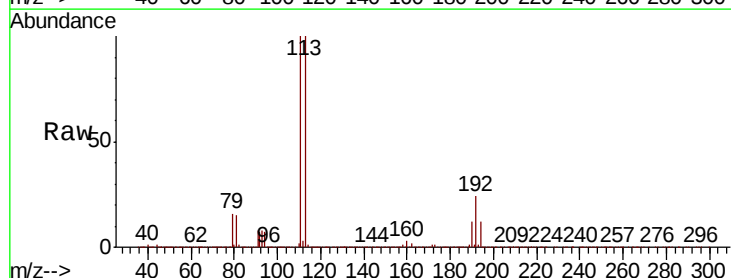
Tgt Ion:113 Resp: 344878

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

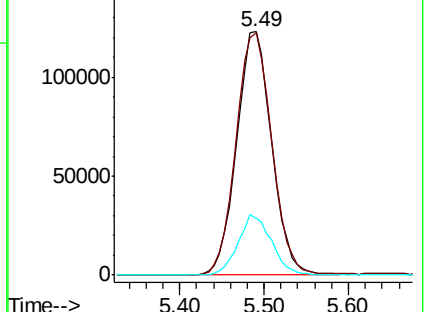
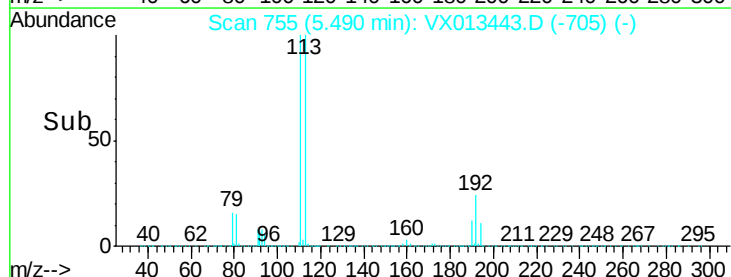
192 23.9 19.1 28.7

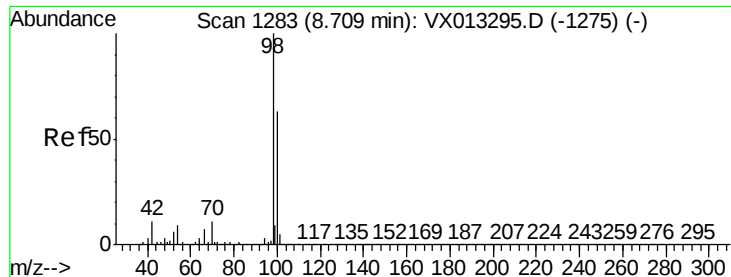


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.672 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

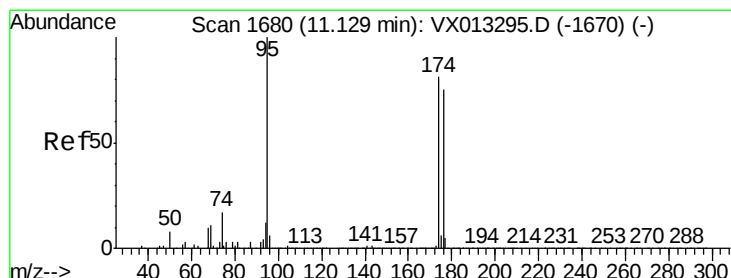
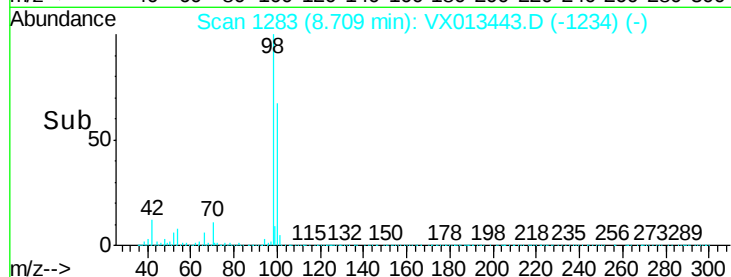
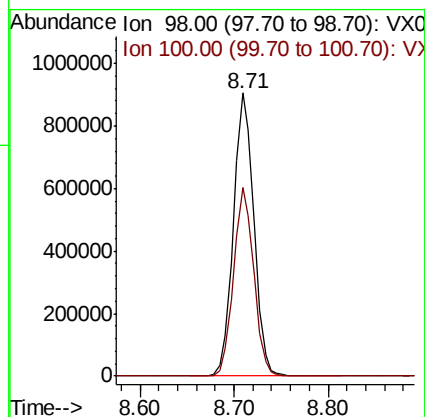
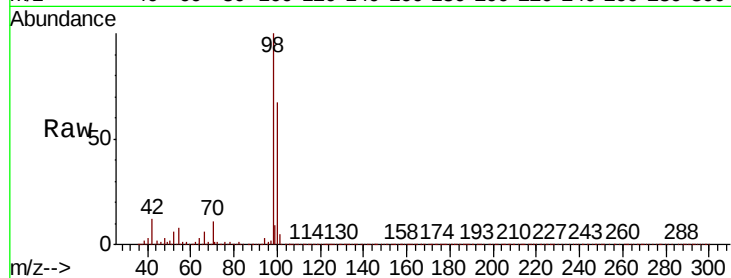
IBLK

Tot Ion: 98 Resp: 1360852

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.923 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013443.D

Acq: 15 Nov 2019 14:03

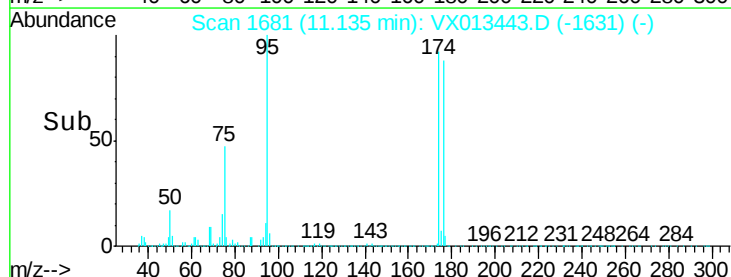
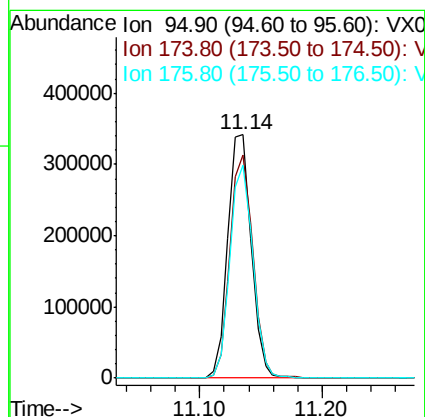
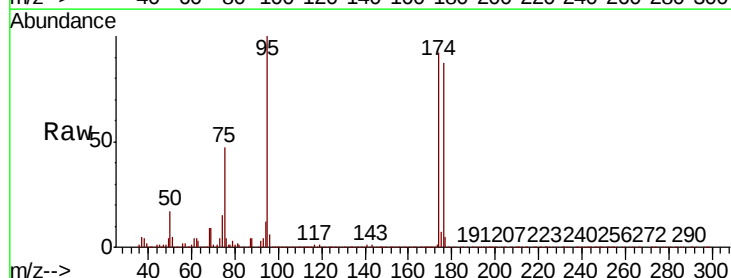
Tgt Ion: 95 Resp: 454798

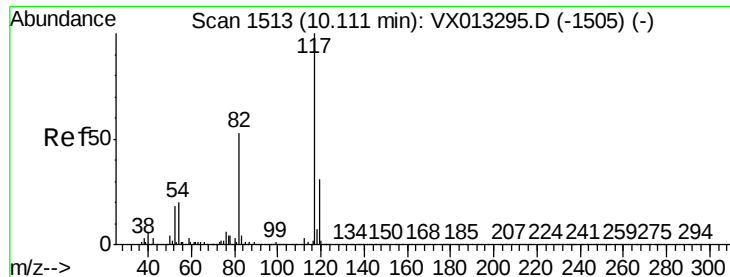
Ion Ratio Lower Upper

95 100

174 89.4 0.0 179.8

176 85.5 0.0 173.0

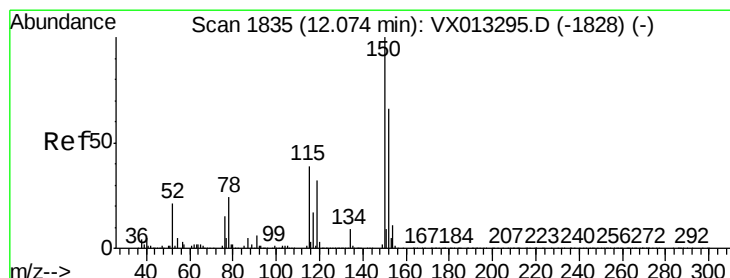
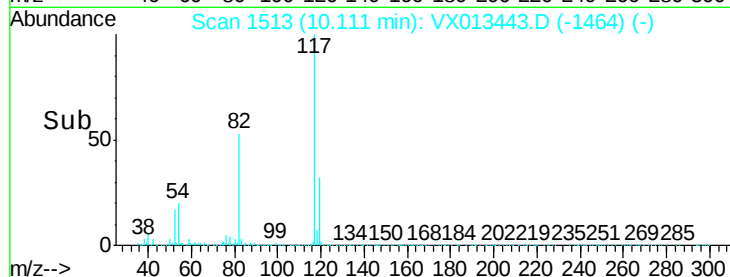
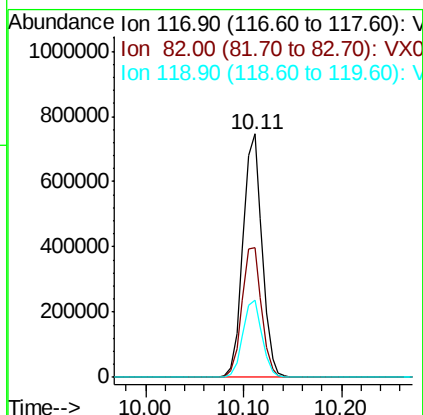
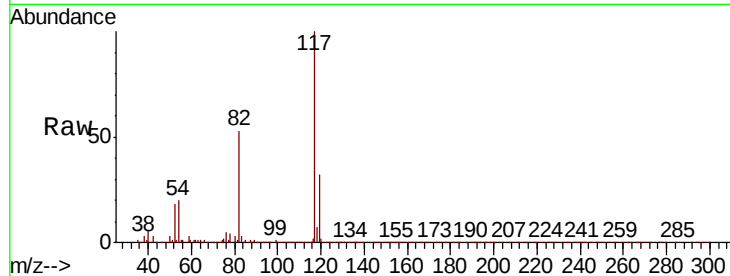




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013443.D
Acq: 15 Nov 2019 14:03

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion:117 Resp: 1009243
Ion Ratio Lower Upper
117 100
82 53.0 42.6 64.0
119 31.7 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: VX013443.D
Acq: 15 Nov 2019 14:03

Tgt Ion:152 Resp: 460901
Ion Ratio Lower Upper
152 100
115 55.2 39.5 118.3
150 156.6 0.0 344.4

