

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013890.D
 Acq On : 10 Dec 2019 12:01
 Operator : JC/SP
 Sample : K6185-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20191205

Quant Time: Dec 11 02:47:44 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	604973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	926441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	824130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	356731	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	337614	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	5.49	113	277918	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	1095732	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.14	95	364635	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	

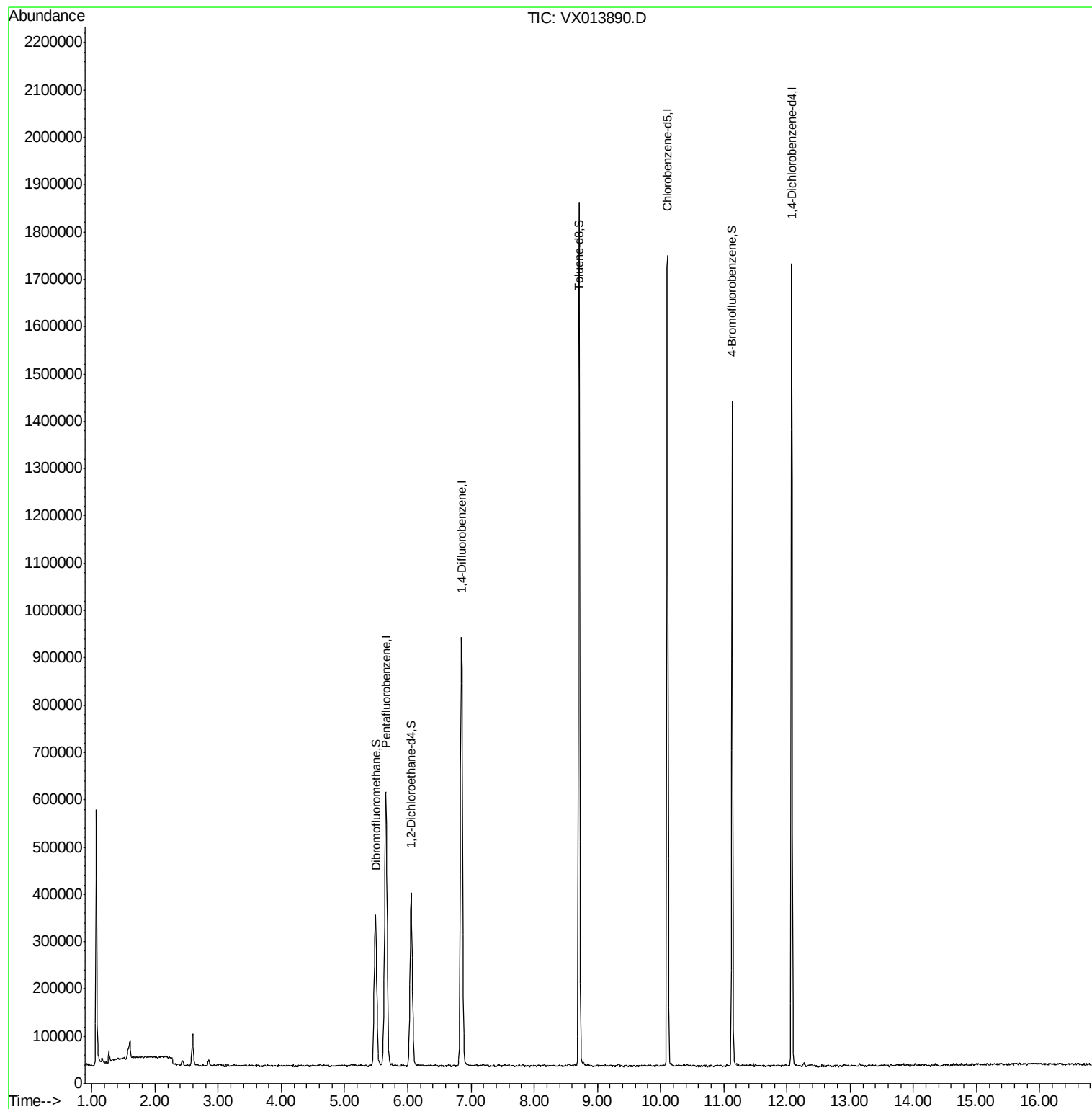
Target Compounds	Qvalue
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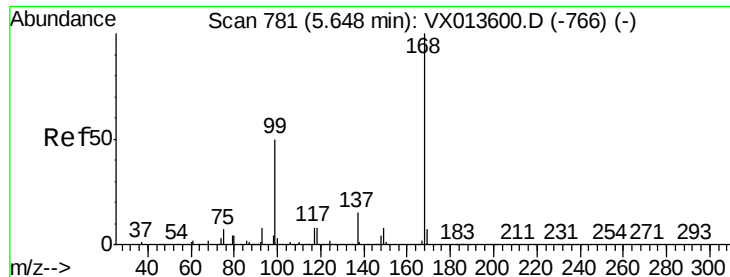
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013890.D

Acq: 10 Dec 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

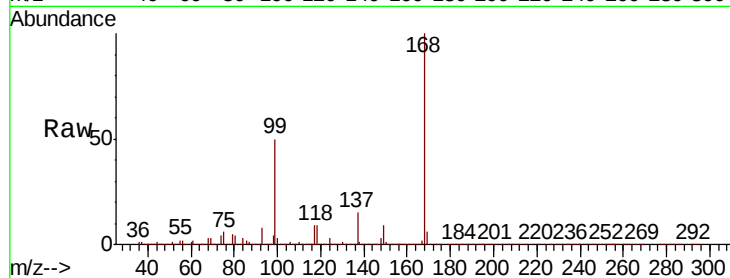
FB01-20191205

Tot Ion:168 Resp: 604973

Ion Ratio Lower Upper

168 100

99 50.2 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

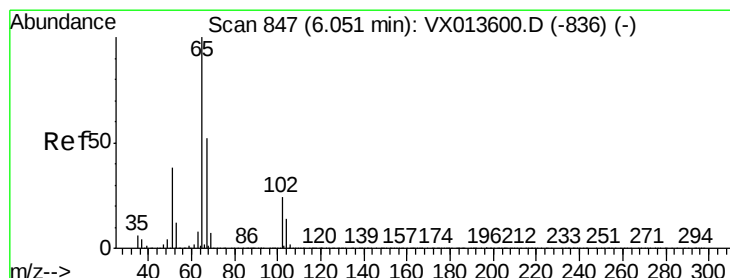
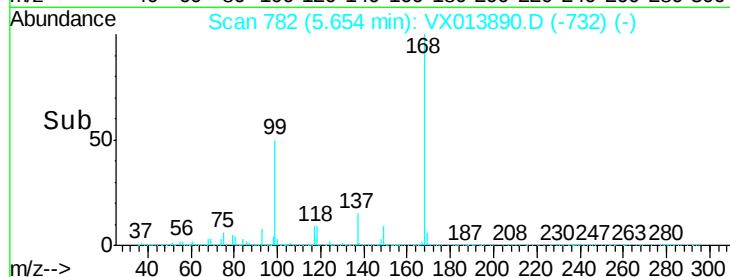
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.077 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013890.D

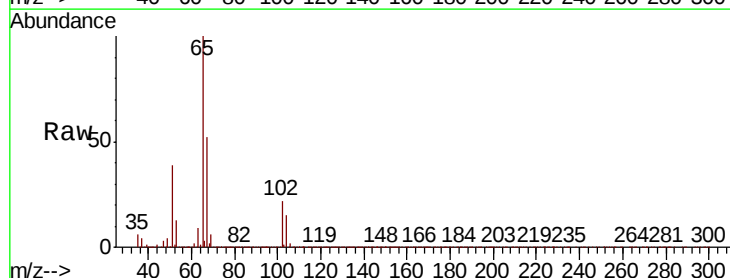
Acq: 10 Dec 2019 12:01

Tgt Ion: 65 Resp: 337614

Ion Ratio Lower Upper

65 100

67 52.7 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

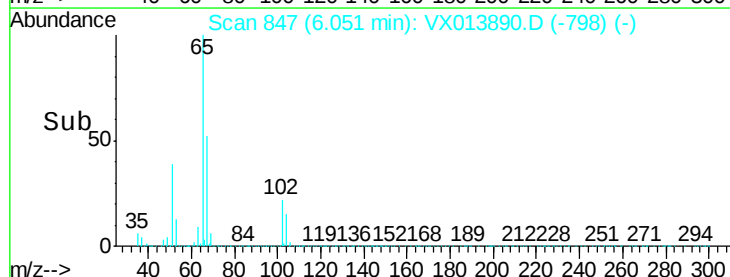
150000

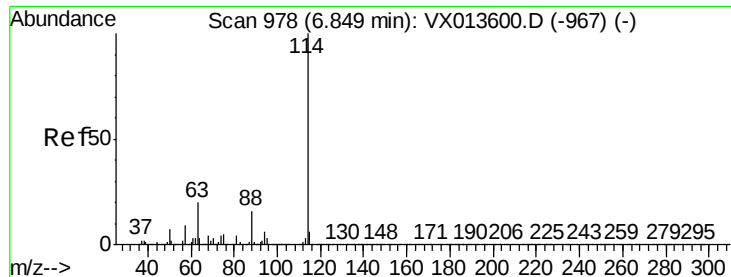
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013890.D

Acq: 10 Dec 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

FB01-20191205

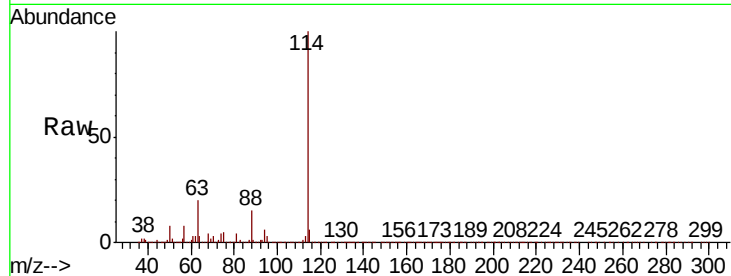
Tot Ion:114 Resp: 926441

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

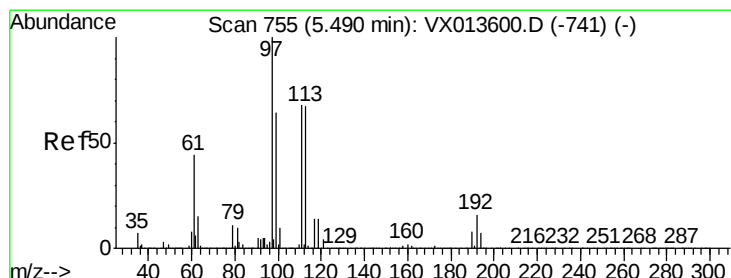
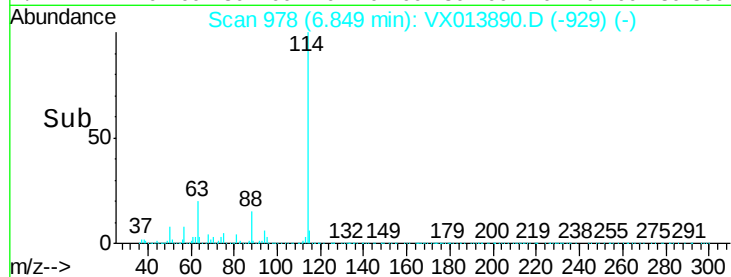
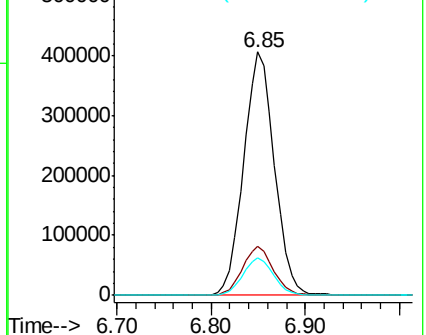
88 15.2 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 48.525 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013890.D

Acq: 10 Dec 2019 12:01

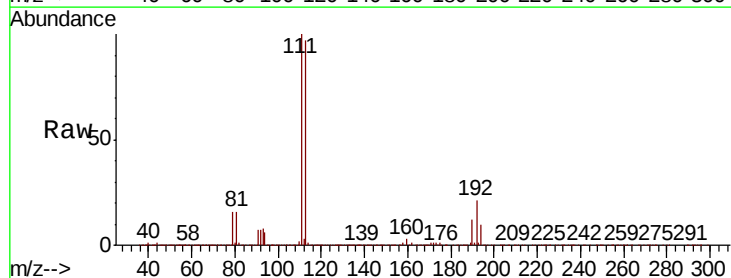
Tgt Ion:113 Resp: 277918

Ion Ratio Lower Upper

113 100

111 102.8 83.6 125.4

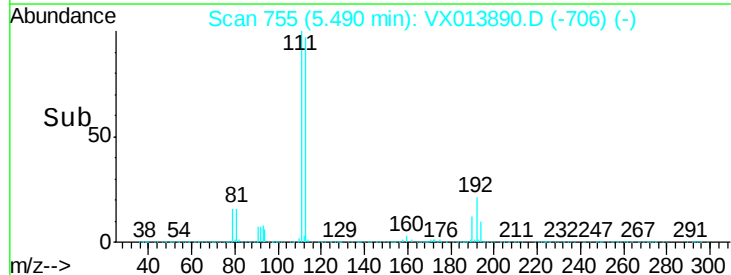
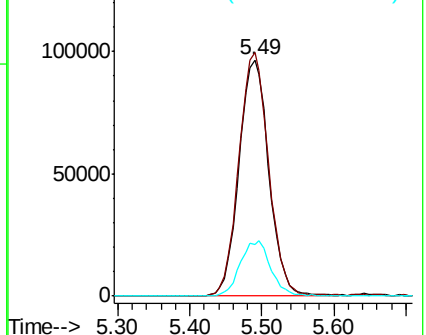
192 23.4 19.2 28.8

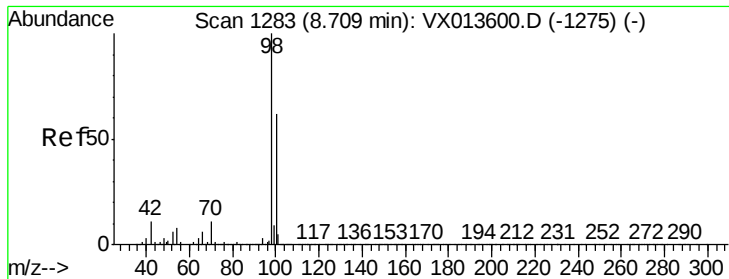


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.104 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013890.D

Acq: 10 Dec 2019 12:01

Instrument :

MSVOA_X

ClientSampleId :

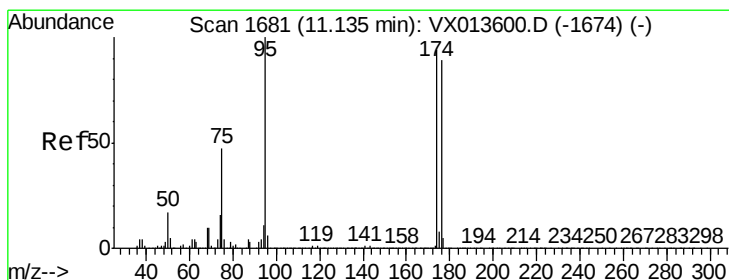
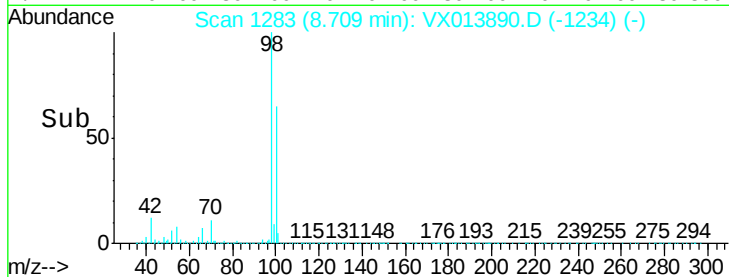
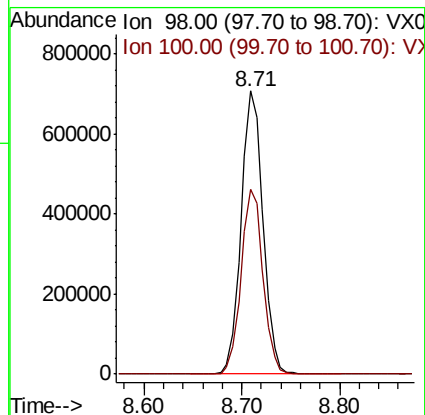
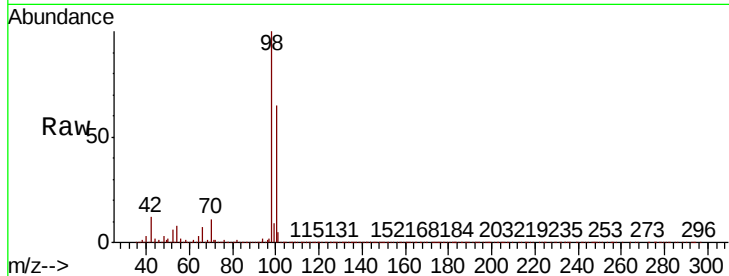
FB01-20191205

Tot Ion: 98 Resp: 1095732

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.315 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013890.D

Acq: 10 Dec 2019 12:01

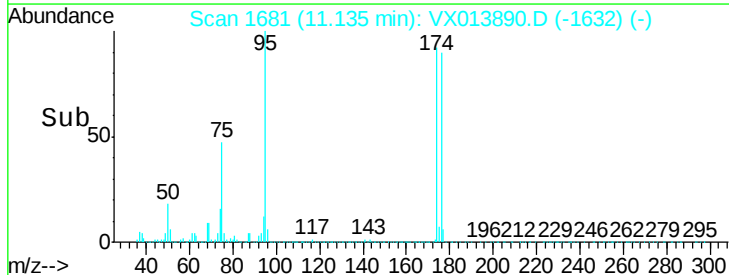
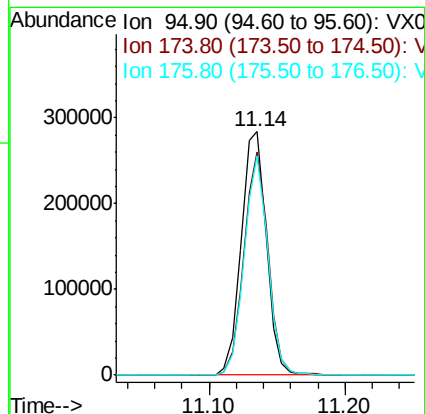
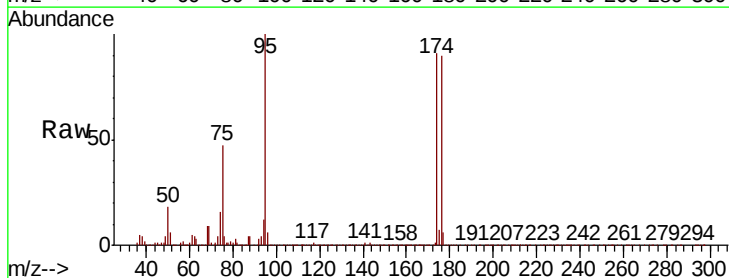
Tgt Ion: 95 Resp: 364635

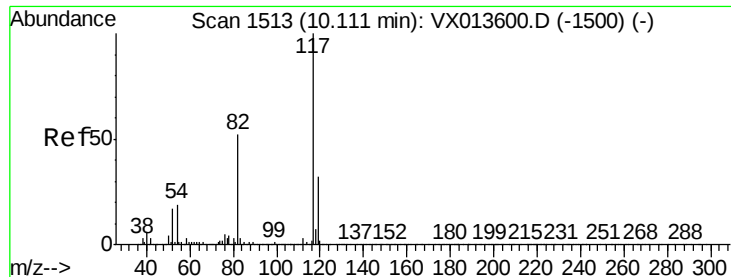
Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.0

176 85.0 0.0 173.6

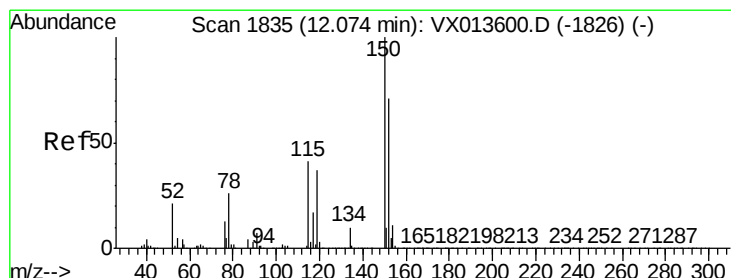
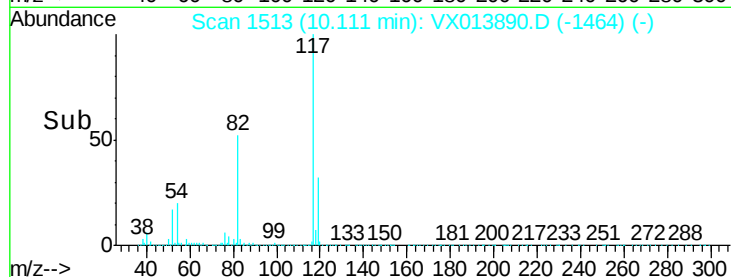
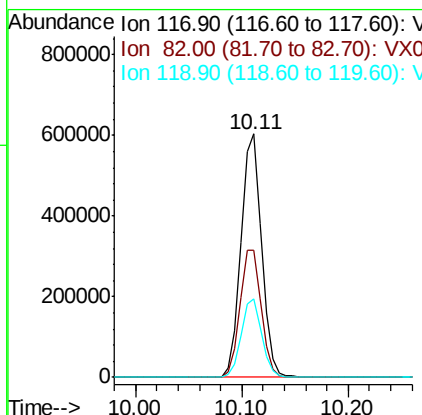
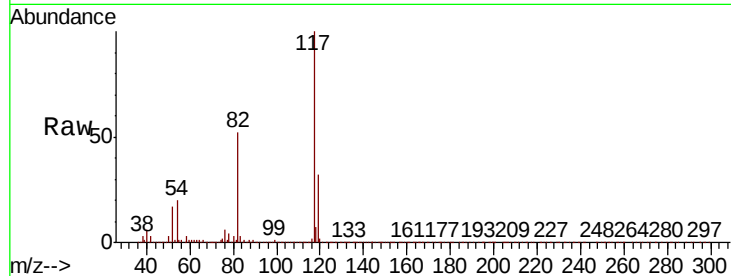




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013890.D
Acq: 10 Dec 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :
FB01-20191205

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.8
119	32.3	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: VX013890.D
Acq: 10 Dec 2019 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.4	115.1
150	155.3	0.0	346.8

