

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012464.D
 Acq On : 18 Sep 2019 11:31
 Operator : JC/SP
 Sample : VX0918MBL01
 Misc : 5.0µ/10mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918MBL01

Quant Time: Sep 19 06:39:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	200203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	321121	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	134604	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.49	113	96918	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	8.71	98	363715	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	133030	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	

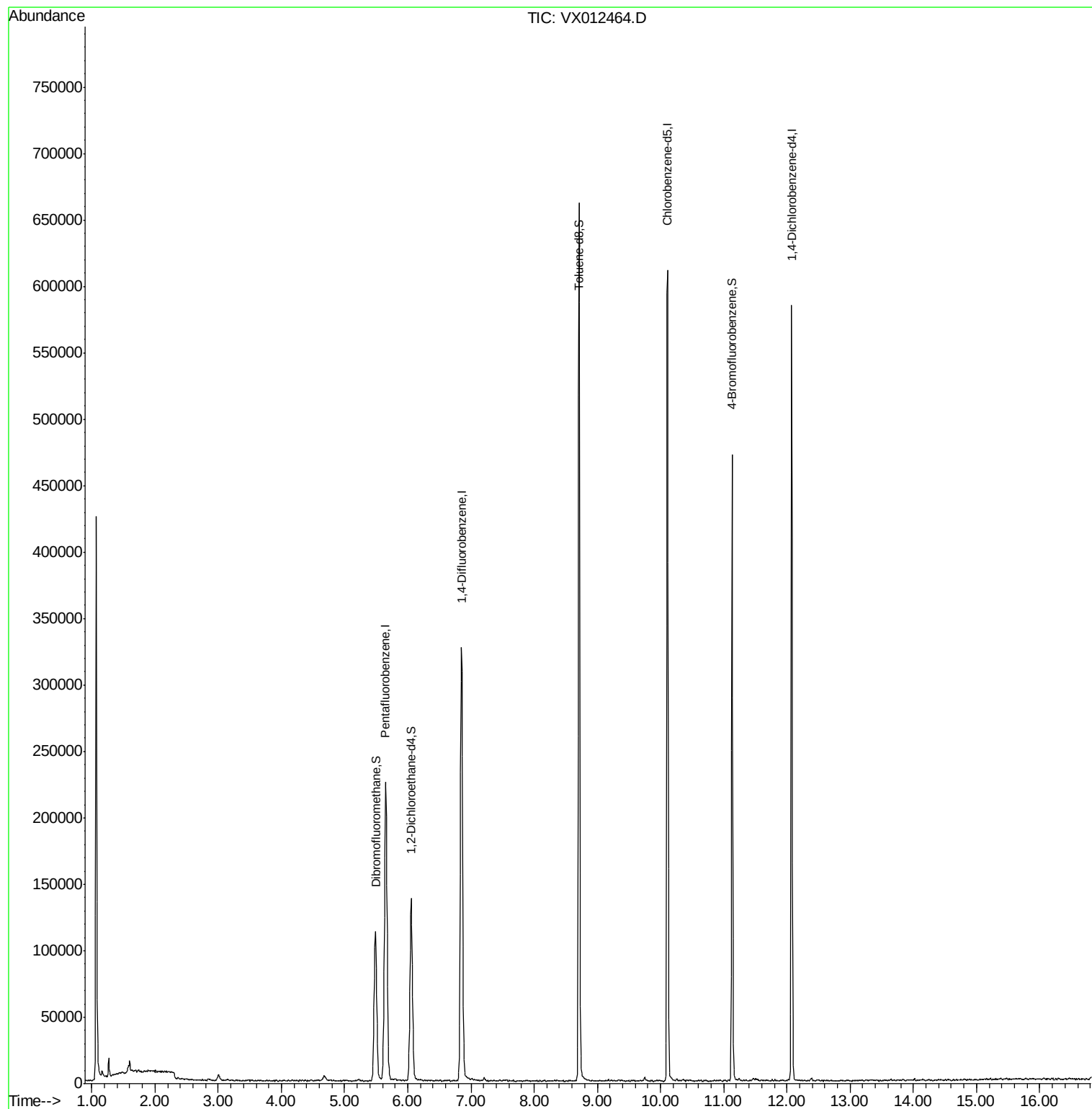
Target Compounds	Qvalue

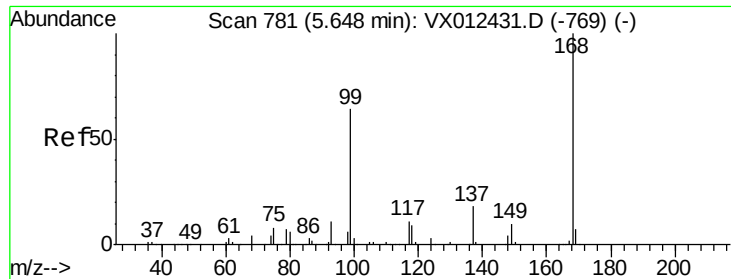
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012464.D

Acq: 18 Sep 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

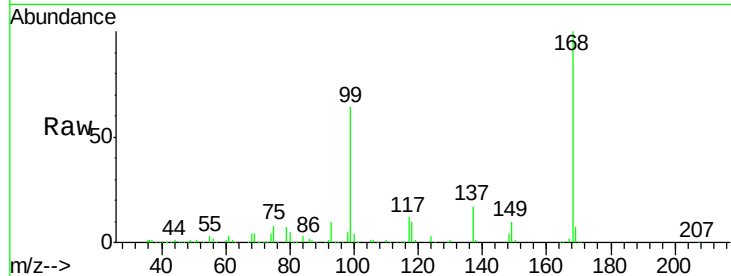
VX0918MBL01

Tot Ion:168 Resp: 200203

Ion Ratio Lower Upper

168 100

99 63.7 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

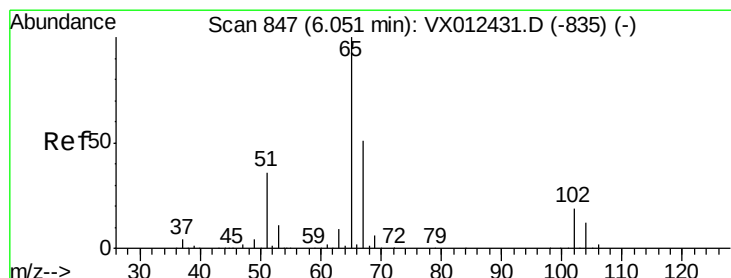
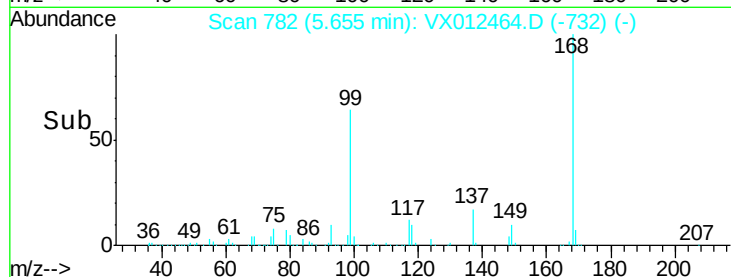
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.912 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012464.D

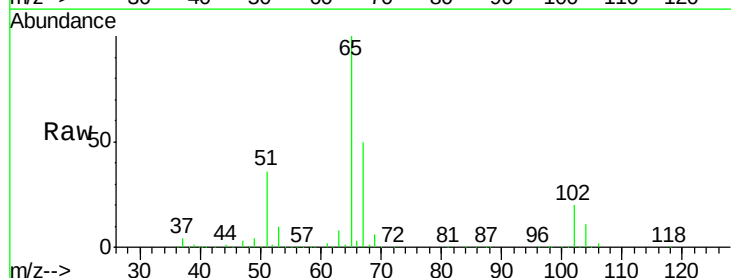
Acq: 18 Sep 2019 11:31

Tgt Ion: 65 Resp: 134604

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

60000

50000

40000

30000

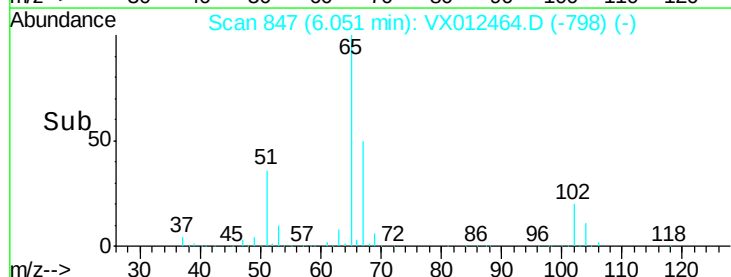
20000

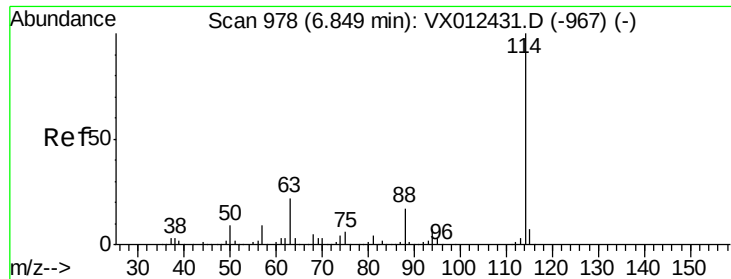
10000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012464.D

Acq: 18 Sep 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0918MBL01

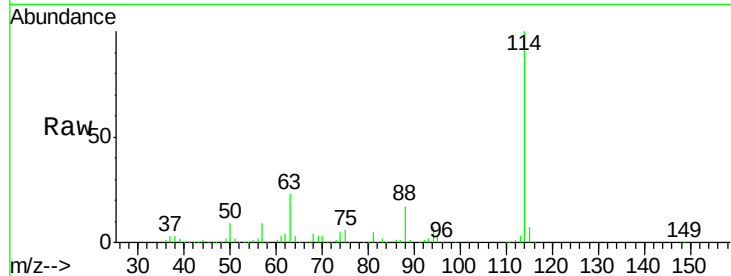
Tot Ion:114 Resp: 321121

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.2

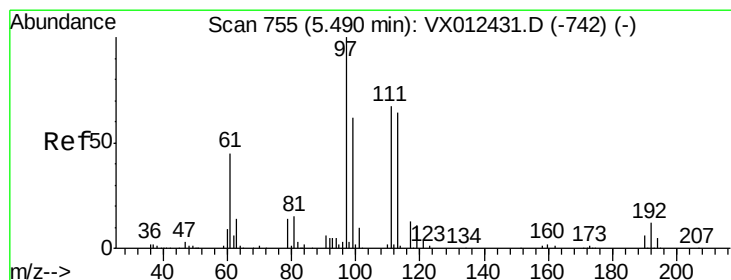
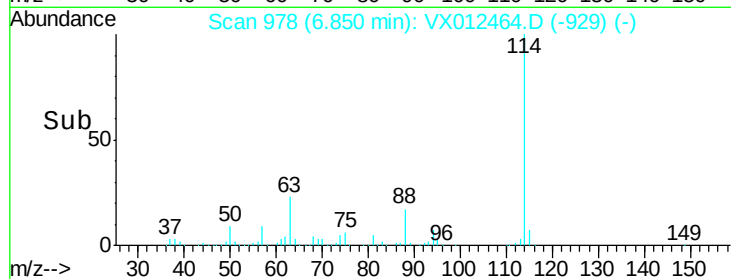
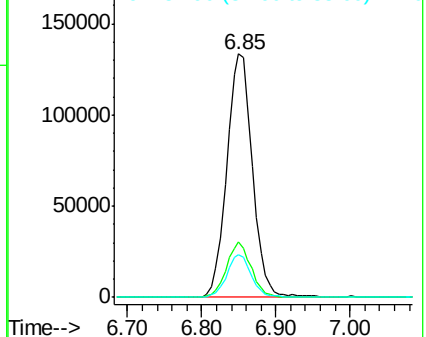
88 17.3 0.0 33.2



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: 49.865 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012464.D

Acq: 18 Sep 2019 11:31

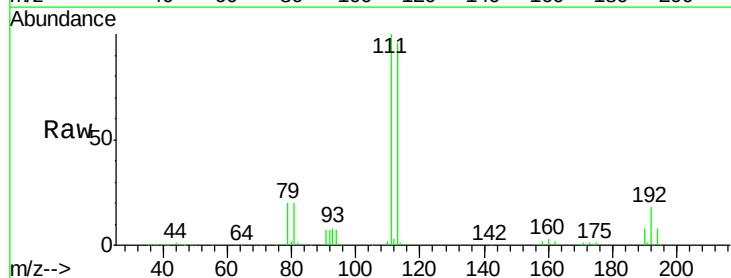
Tgt Ion:113 Resp: 96918

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

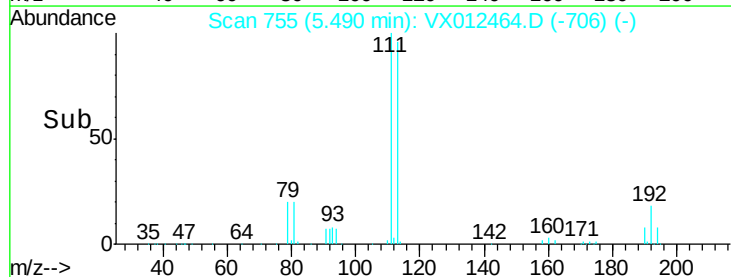
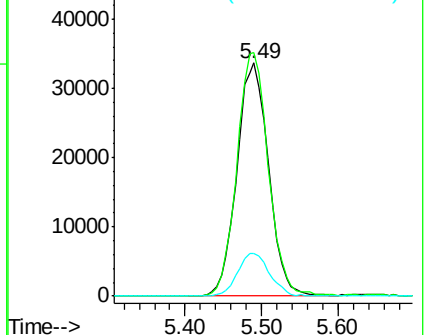
192 18.6 14.4 21.6

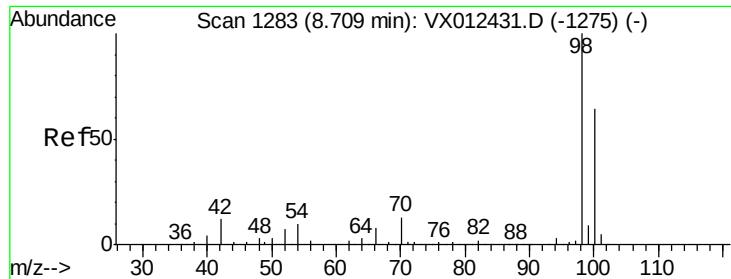


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

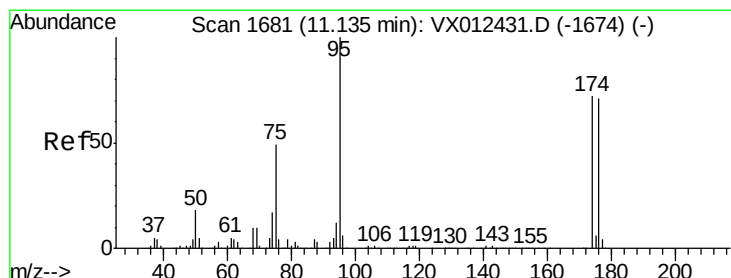
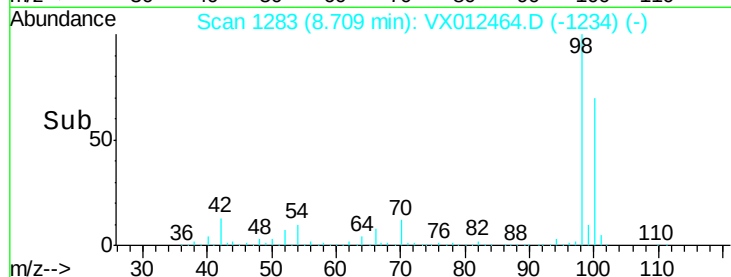
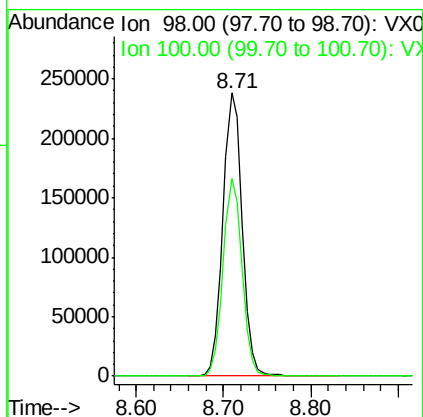
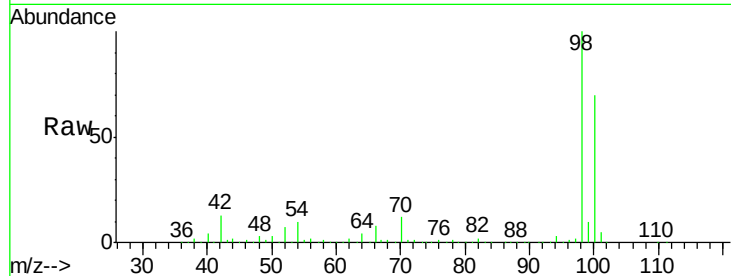




#50
Toluene-d8
Concen: 50.557 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012464.D
Acq: 18 Sep 2019 11:31

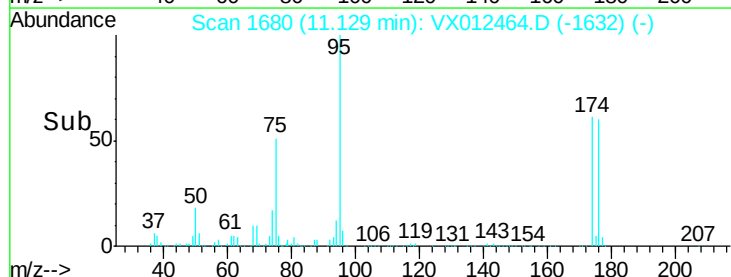
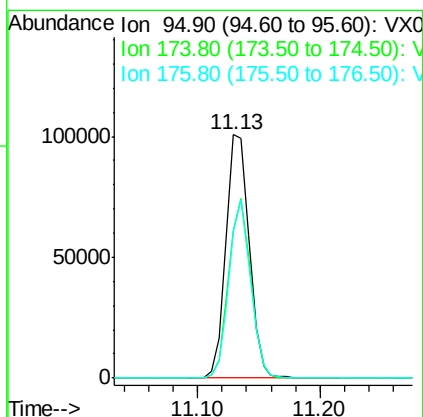
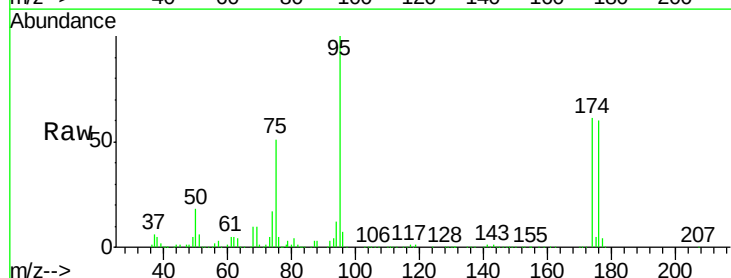
Instrument :
MSVOA_X
ClientSampled :
VX0918MBL01

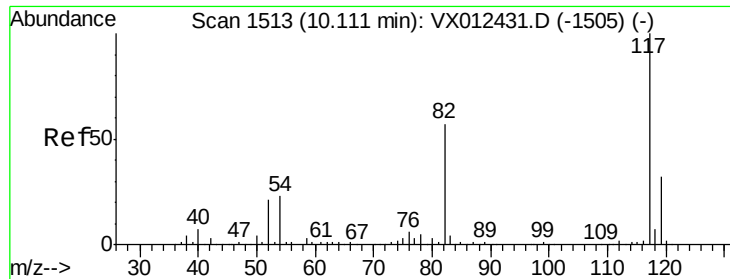
Tot Ion: 98 Resp: 363715
Ion Ratio Lower Upper
98 100
100 68.7 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 44.535 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012464.D
Acq: 18 Sep 2019 11:31

Tgt Ion: 95 Resp: 133030
Ion Ratio Lower Upper
95 100
174 69.8 0.0 140.0
176 67.9 0.0 135.4

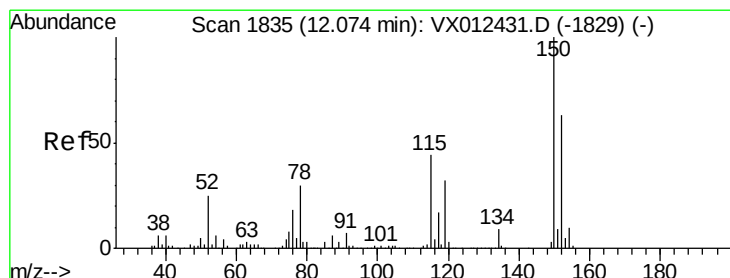
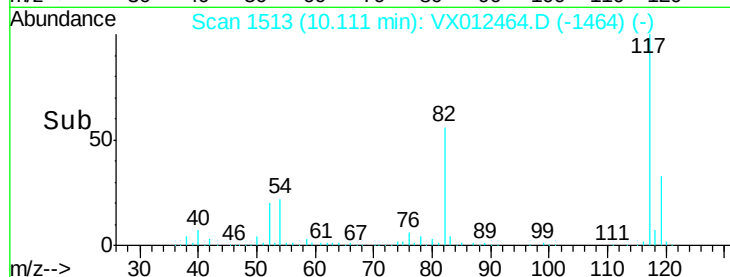
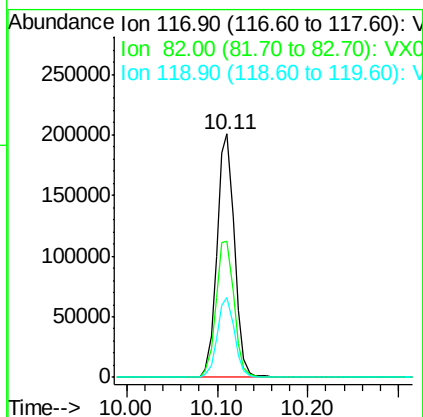
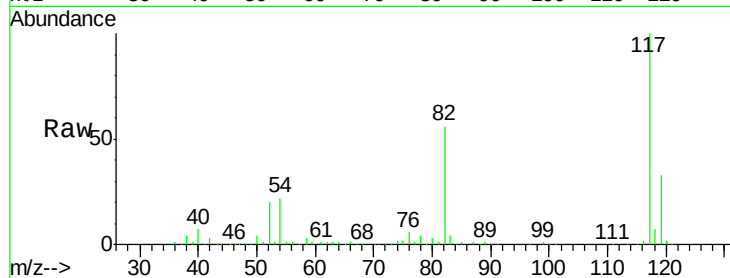




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012464.D
Acq: 18 Sep 2019 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0918MBL01

Tot Ion:117 Resp: 271184
Ion Ratio Lower Upper
117 100
82 55.6 45.9 68.9
119 33.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012464.D
Acq: 18 Sep 2019 11:31

Tgt Ion:152 Resp: 108265
Ion Ratio Lower Upper
152 100
115 64.0 44.1 132.3
150 160.1 0.0 343.8

