

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060964.D
 Acq On : 10 Dec 2018 20:16
 Operator : VA/AP
 Sample : J6214-41
 Misc : 4.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-5(0-2)

Quant Time: Dec 11 06:33:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	128424	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	222328	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	172123	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	71135	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	73893	48.84	ug/l	-0.04
Spiked Amount			Recovery	=	97.68%	
35) Dibromofluoromethane	4.11	113	79110	44.85	ug/l	-0.04
Spiked Amount			Recovery	=	89.70%	
50) Toluene-d8	7.55	98	180742	34.79	ug/l	-0.04
Spiked Amount			Recovery	=	69.58%	
62) 4-Bromofluorobenzene	11.41	95	77030	32.62	ug/l	-0.03
Spiked Amount			Recovery	=	65.24%	

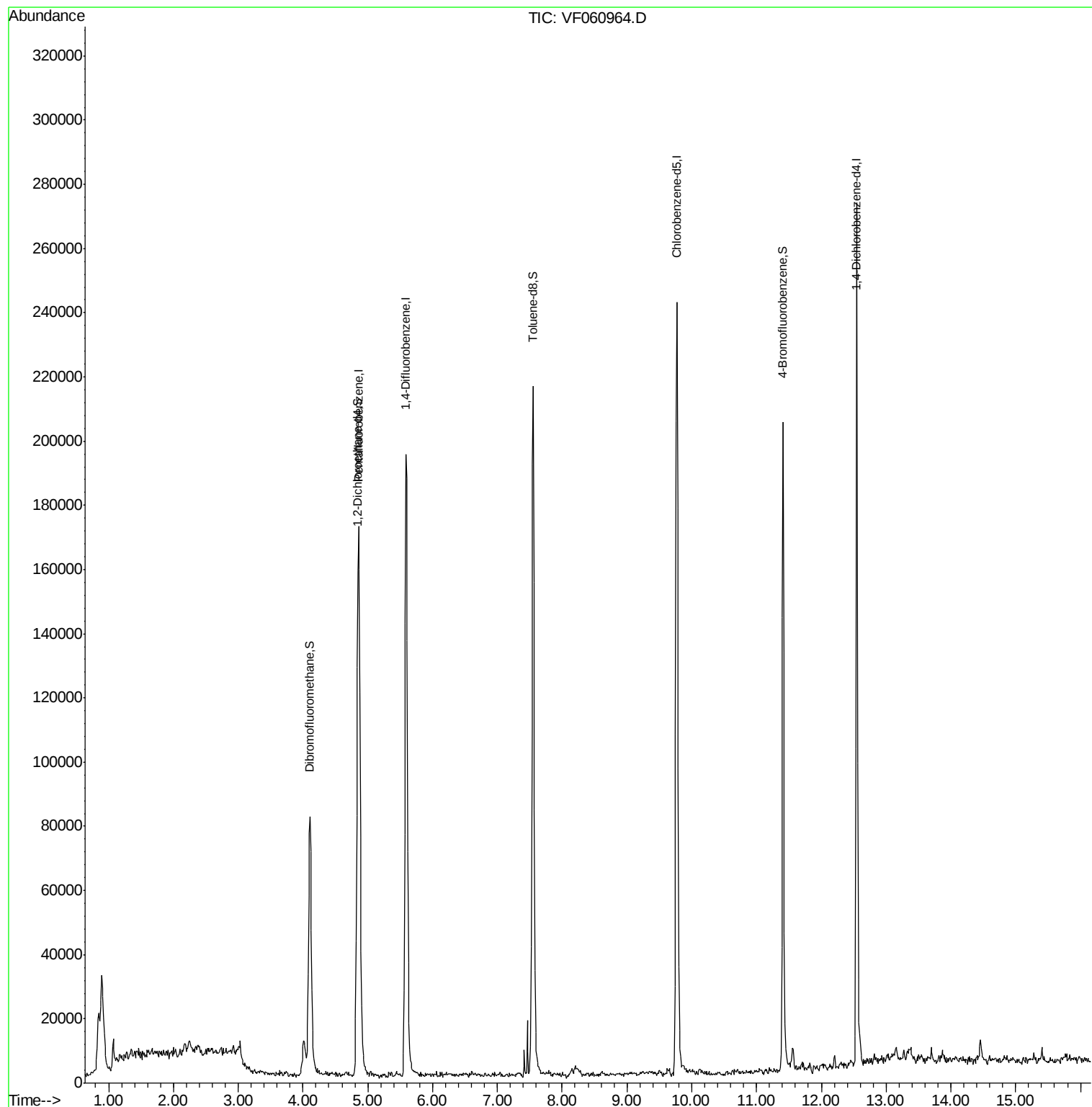
Target Compounds	Qvalue
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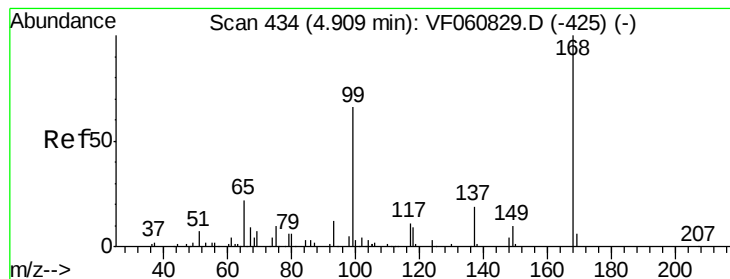
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060964.D

Acq: 10 Dec 2018 20:16

Instrument :

MSVOA_F

ClientSampleId :

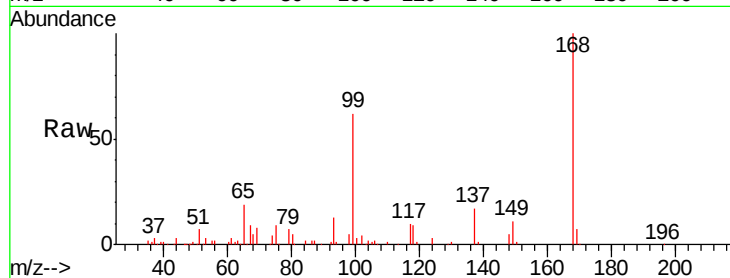
SB-5(0-2)

Tgt Ion:168 Resp: 128424

Ion Ratio Lower Upper

168 100

99 62.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

50000

40000

30000

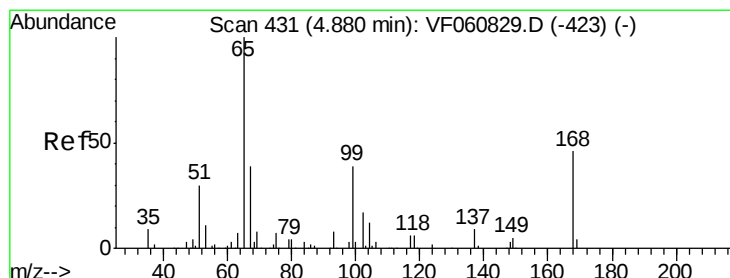
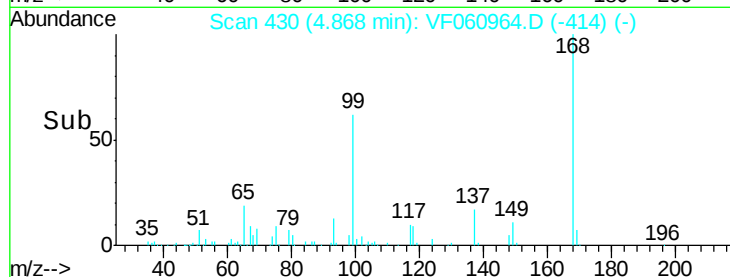
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 48.843 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060964.D

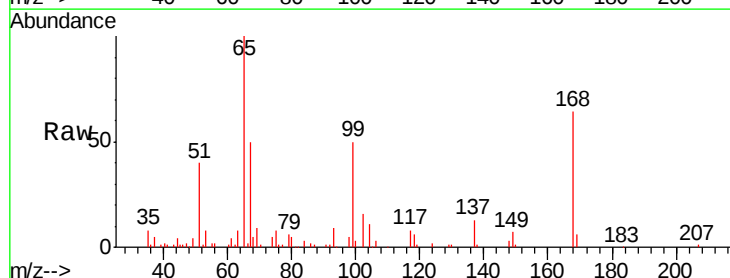
Acq: 10 Dec 2018 20:16

Tgt Ion: 65 Resp: 73893

Ion Ratio Lower Upper

65 100

67 49.9 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

30000

25000

20000

15000

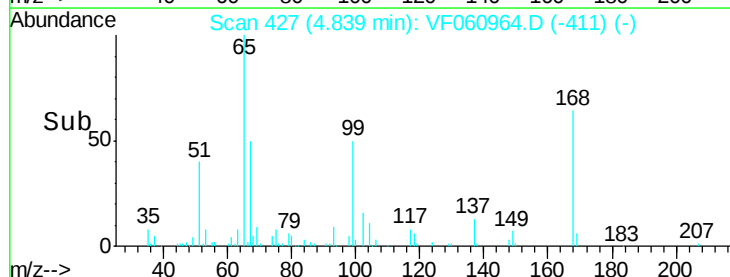
10000

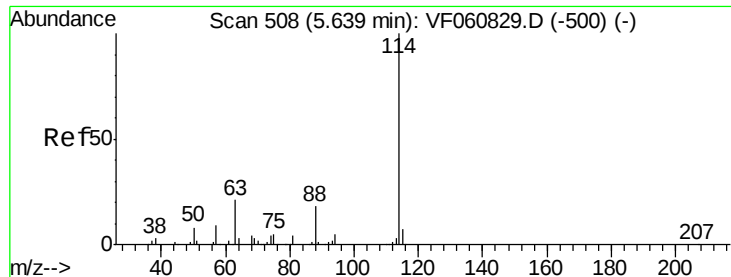
5000

0

Time-->

4.70 4.80 4.90





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060964.D

Acq: 10 Dec 2018 20:16

Instrument :

MSVOA_F

ClientSampleId :

SB-5(0-2)

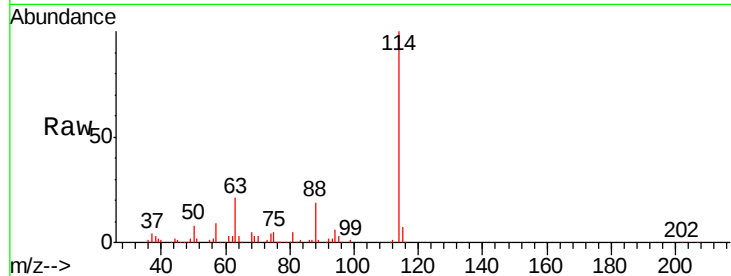
Tgt Ion:114 Resp: 222328

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.6

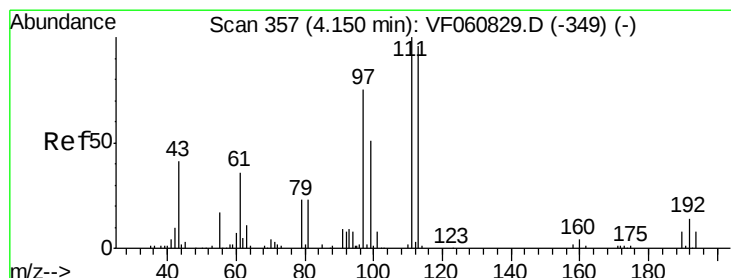
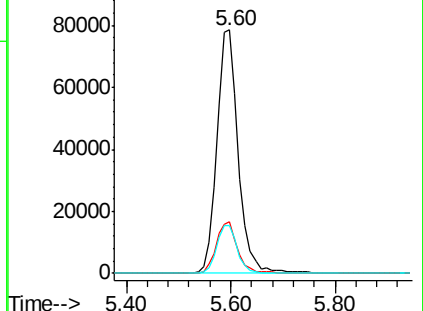
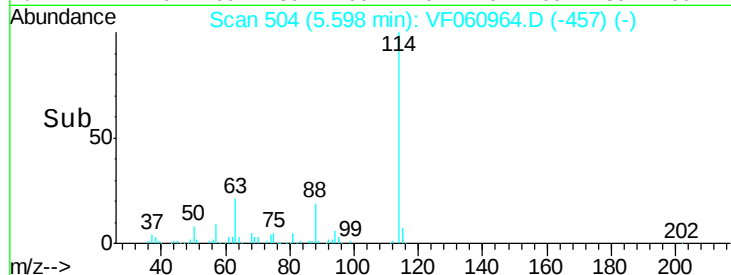
88 19.4 0.0 36.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 44.852 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060964.D

Acq: 10 Dec 2018 20:16

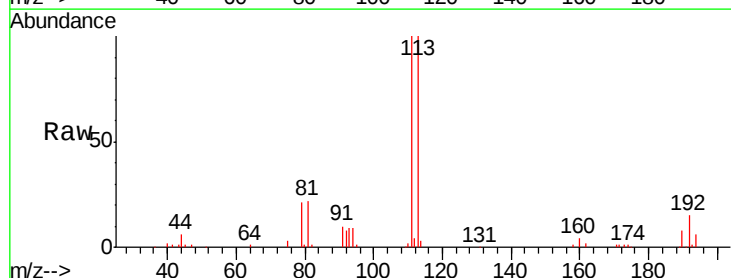
Tgt Ion:113 Resp: 79110

Ion Ratio Lower Upper

113 100

111 100.1 83.0 124.6

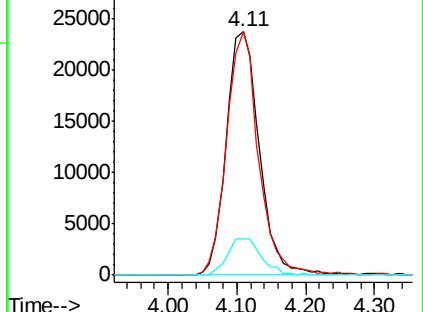
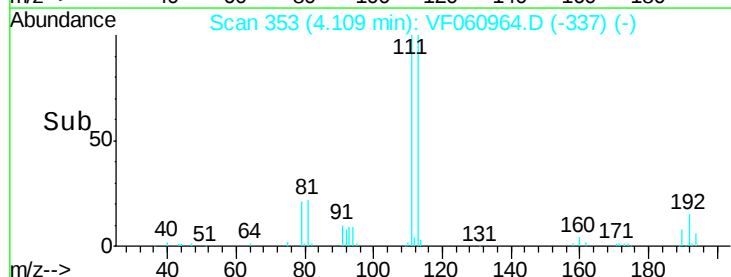
192 15.1 12.3 18.5

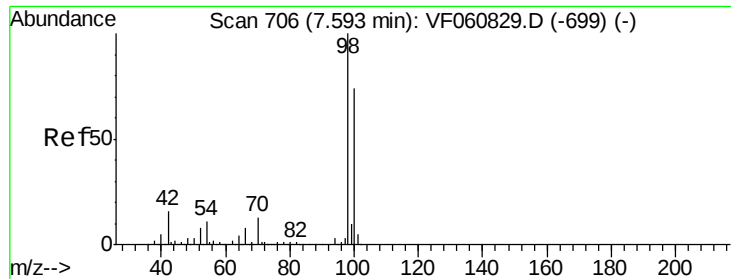


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

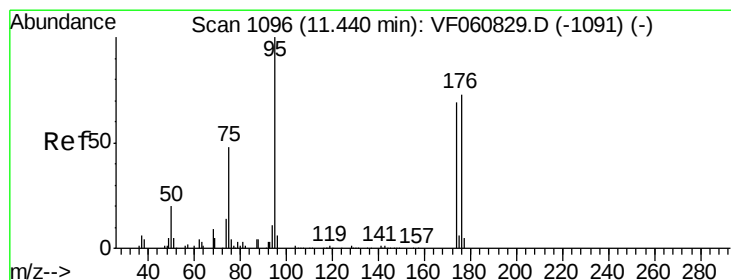
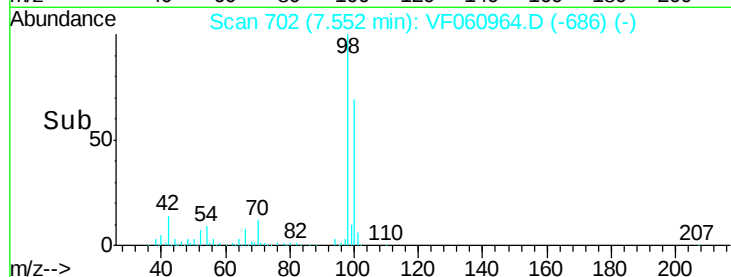
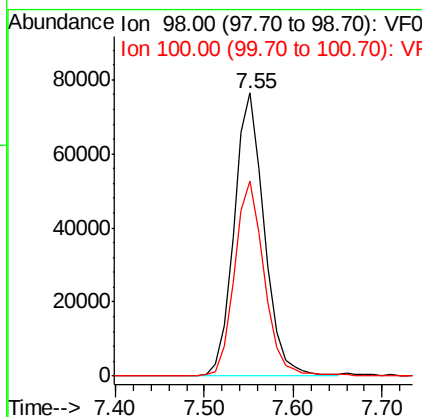
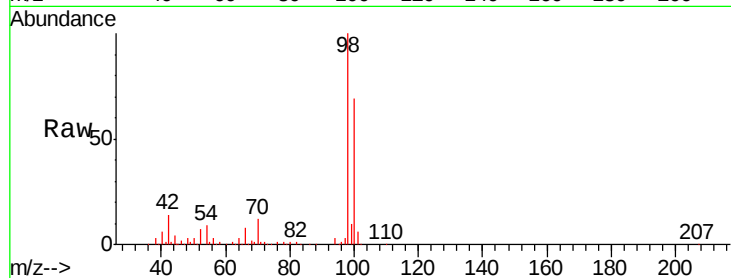




#50
Toluene-d8
Concen: 34.788 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060964.D
Acq: 10 Dec 2018 20:16

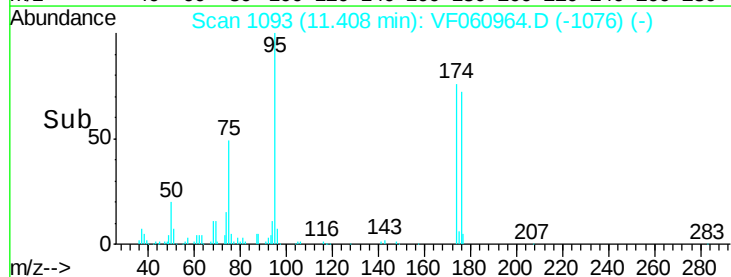
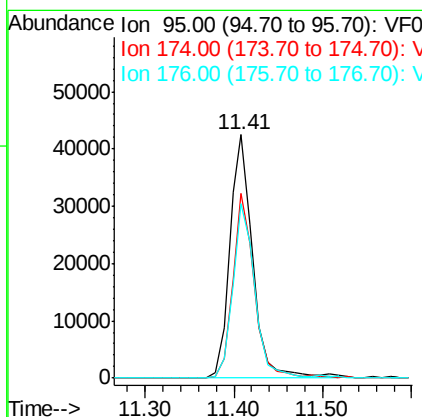
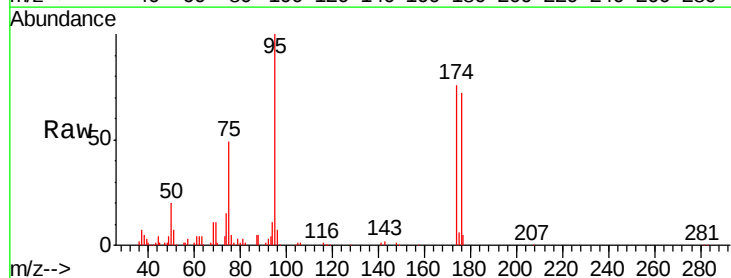
Instrument :
MSVOA_F
ClientSampleId :
SB-5(0-2)

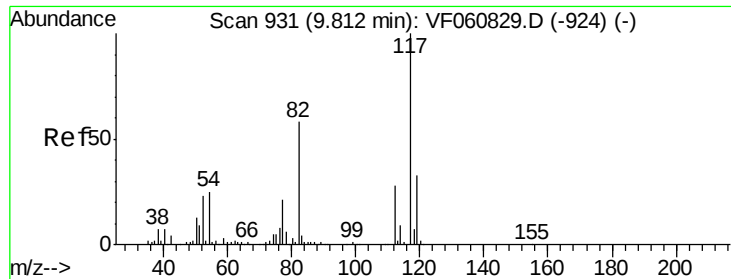
Tgt Ion: 98 Resp: 180742
Ion Ratio Lower Upper
98 100
100 68.9 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 32.622 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060964.D
Acq: 10 Dec 2018 20:16

Tgt Ion: 95 Resp: 77030
Ion Ratio Lower Upper
95 100
174 76.0 0.0 138.2
176 71.9 0.0 146.2

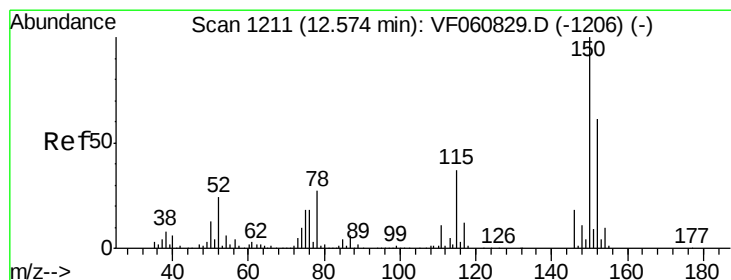
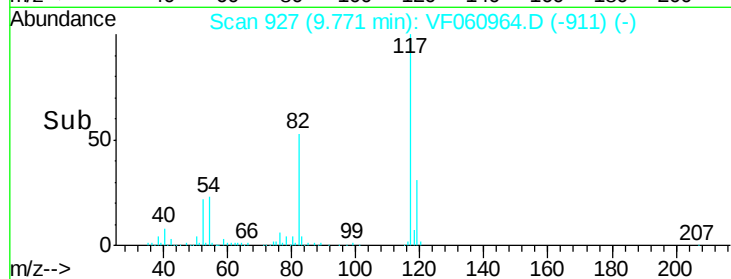
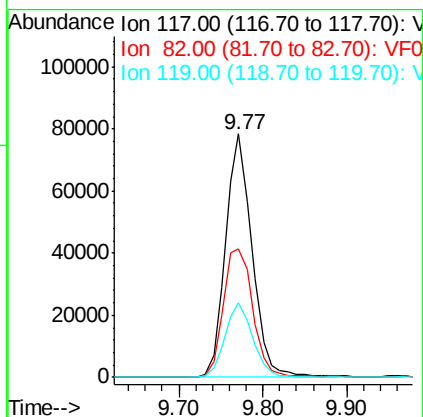
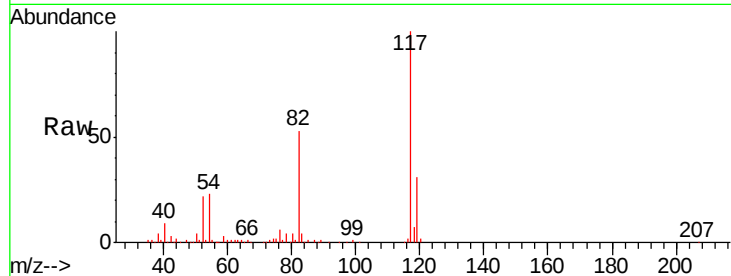




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060964.D
Acq: 10 Dec 2018 20:16

Instrument :
MSVOA_F
ClientSampleId :
SB-5(0-2)

Tgt Ion:117 Resp: 172123
Ion Ratio Lower Upper
117 100
82 52.9 46.6 69.8
119 30.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060964.D
Acq: 10 Dec 2018 20:16

Tgt Ion:152 Resp: 71135
Ion Ratio Lower Upper
152 100
115 57.9 30.1 90.5
150 162.1 0.0 327.6

