

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF111218\
 Data File : VF060696.D
 Acq On : 12 Nov 2018 20:58
 Operator : VA/AP
 Sample : J5907-21RE
 Misc : 11.3g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3-SRE

Quant Time: Nov 13 04:49:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	97294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	132010	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	99588	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	29688	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	31444	31.99	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	63.98%	
35) Dibromofluoromethane	4.10	113	42124	41.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.60%	
50) Toluene-d8	7.54	98	119910	39.69	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	79.38%	
62) 4-Bromofluorobenzene	11.40	95	35796	27.09	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	54.18%	

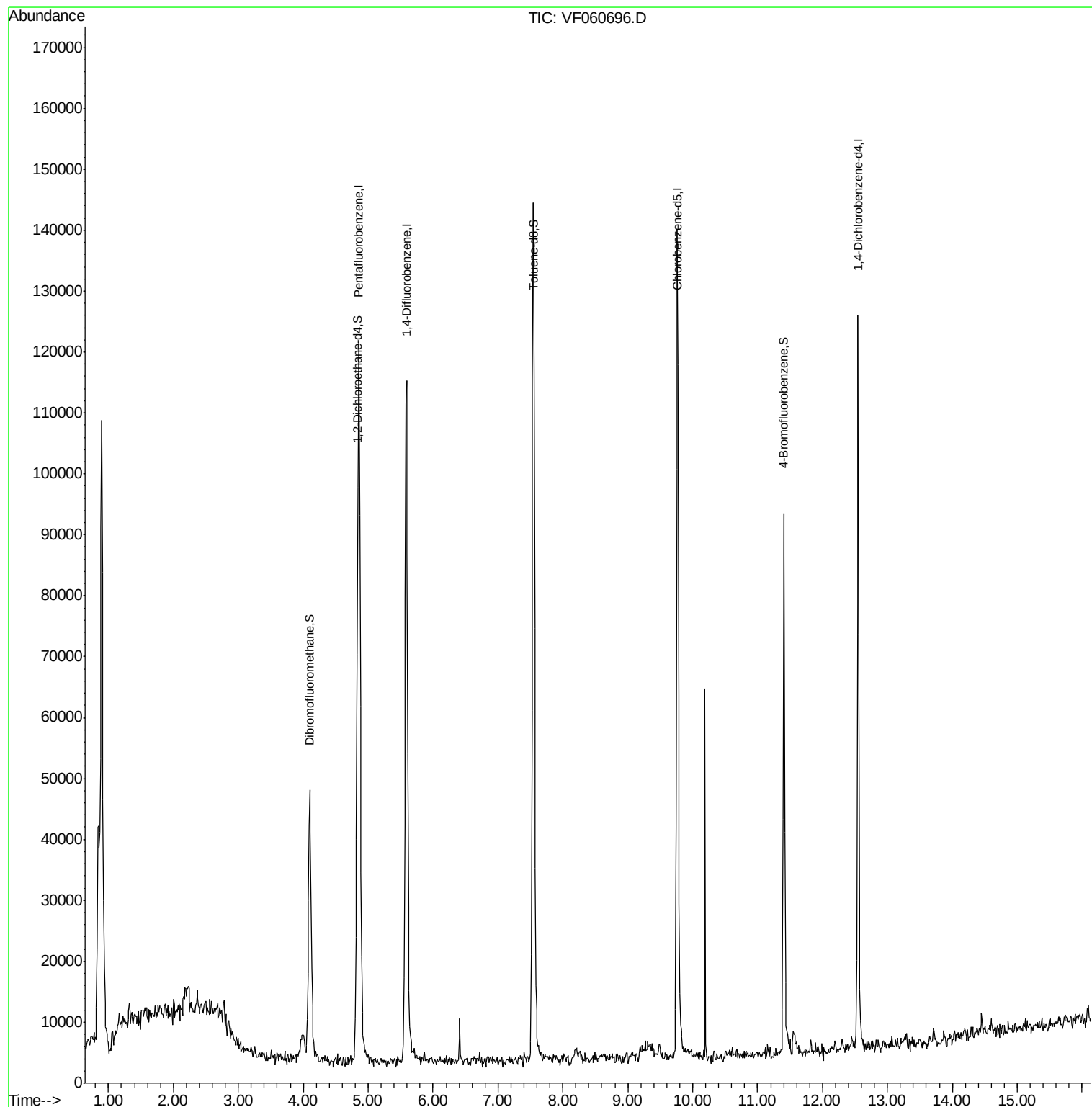
Target Compounds	Qvalue

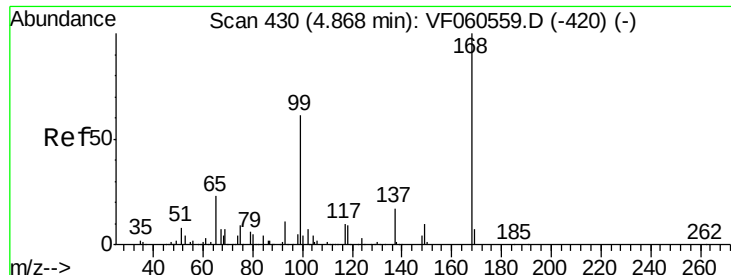
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060696.D

Acq: 12 Nov 2018 20:58

Instrument :

MSVOA_F

ClientSampleId :

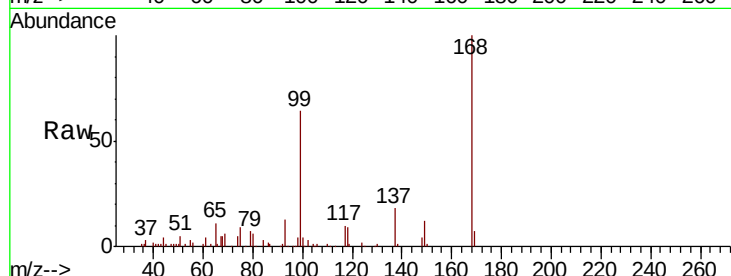
TP-3-SRE

Tot Ion:168 Resp: 97294

Ion Ratio Lower Upper

168 100

99 64.3 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

30000

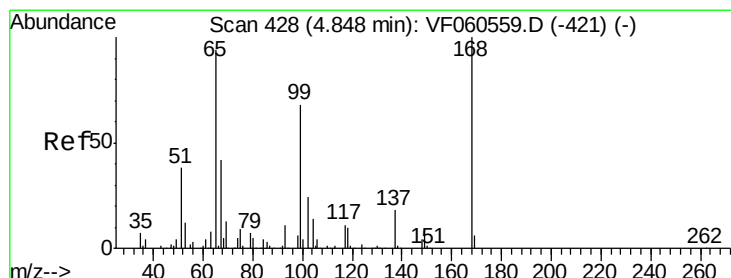
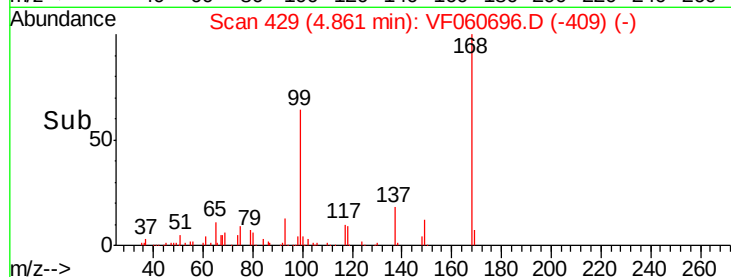
20000

10000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 31.987 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF060696.D

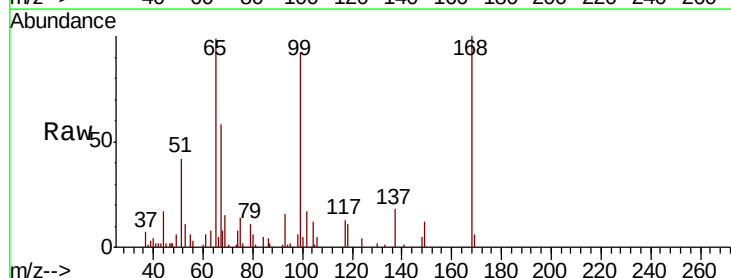
Acq: 12 Nov 2018 20:58

Tgt Ion: 65 Resp: 31444

Ion Ratio Lower Upper

65 100

67 58.4 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

10000

8000

6000

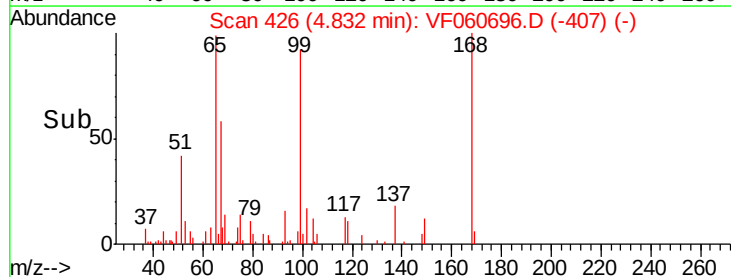
4000

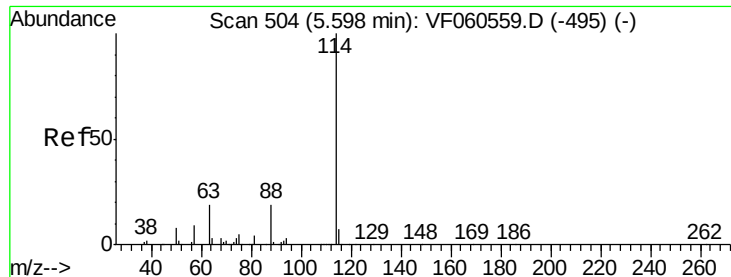
2000

0

4.70 4.80 4.90 5.00

Time-->

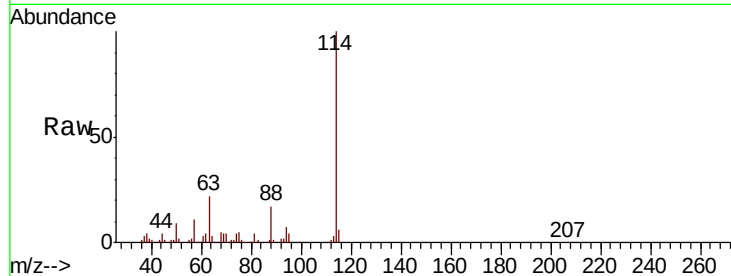




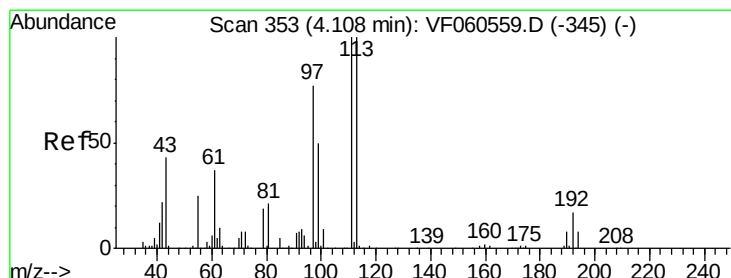
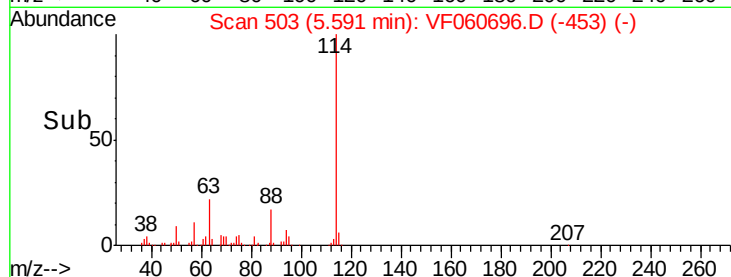
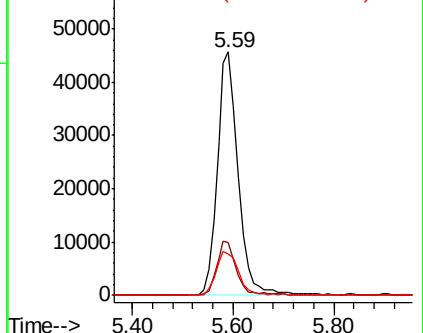
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF060696.D
Acq: 12 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
TP-3-SRE

Tot Ion:114 Resp: 132010
Ion Ratio Lower Upper
114 100
63 21.9 0.0 39.0
88 16.8 0.0 38.2

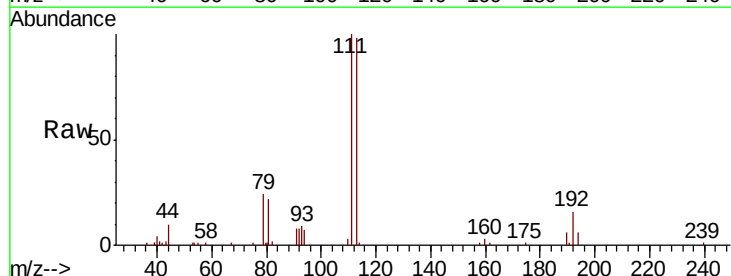


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

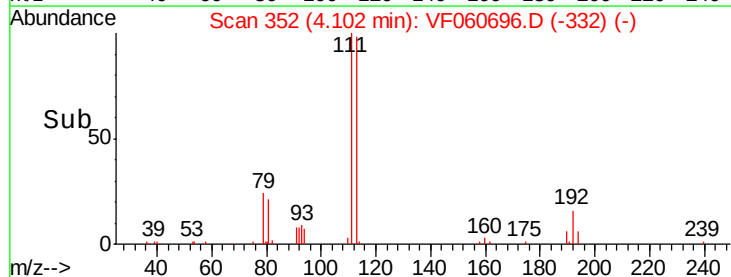
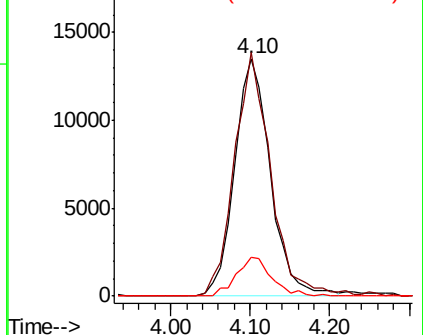


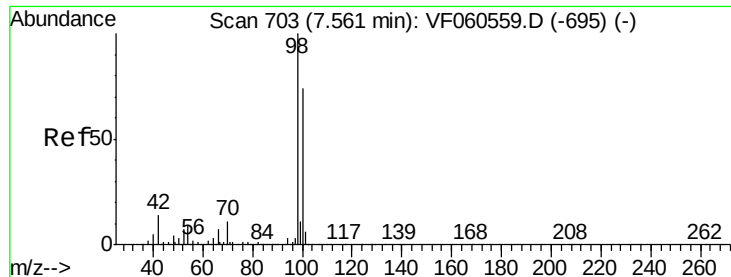
#35
Dibromofluoromethane
Concen: 41.302 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF060696.D
Acq: 12 Nov 2018 20:58

Tgt Ion:113 Resp: 42124
Ion Ratio Lower Upper
113 100
111 102.5 79.9 119.9
192 16.4 13.3 19.9



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

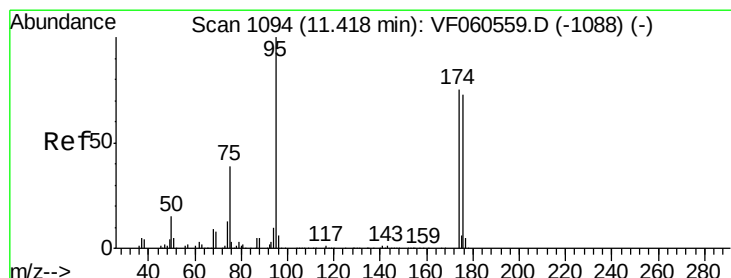
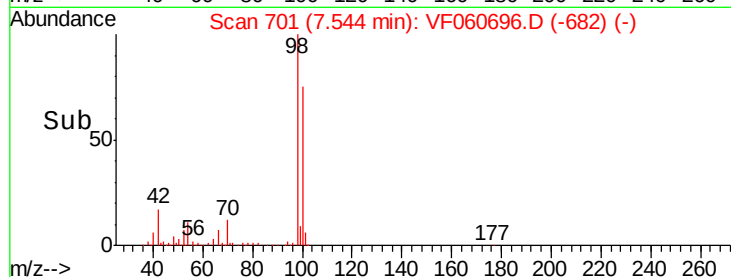
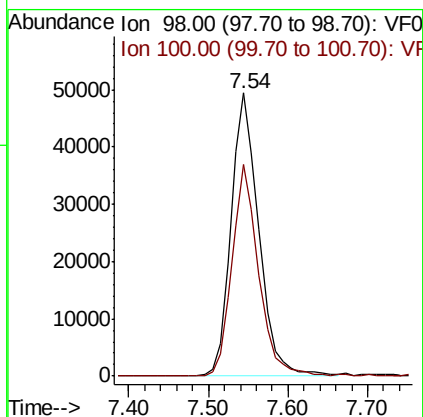
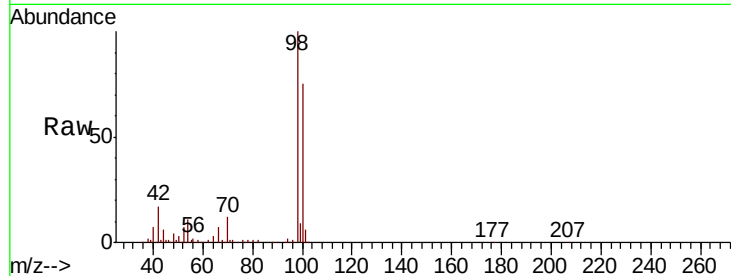




#50
Toluene-d8
Concen: 39.689 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060696.D
Acq: 12 Nov 2018 20:58

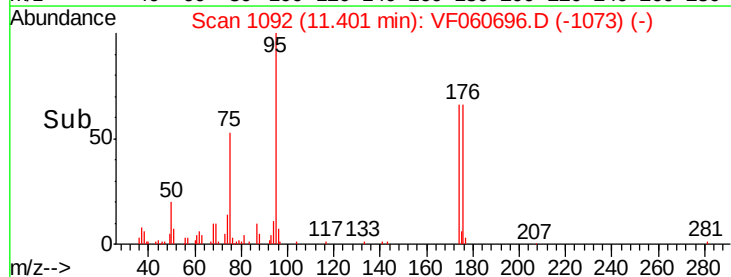
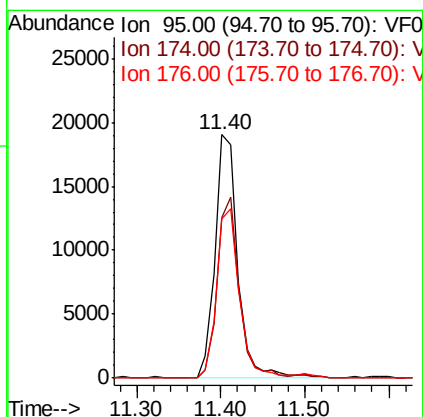
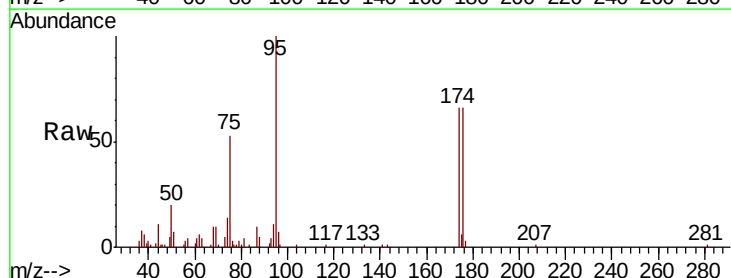
Instrument :
MSVOA_F
ClientSampled :
TP-3-SRE

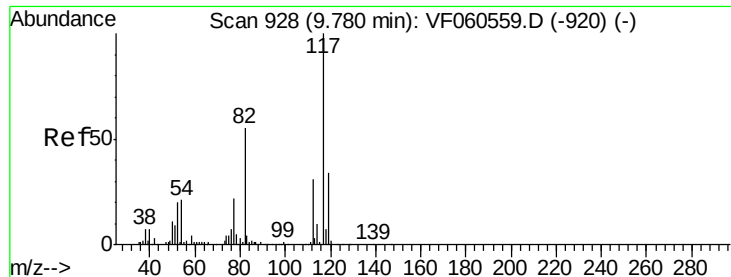
Tot Ion: 98 Resp: 119910
Ion Ratio Lower Upper
98 100
100 74.6 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 27.086 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060696.D
Acq: 12 Nov 2018 20:58

Tgt Ion: 95 Resp: 35796
Ion Ratio Lower Upper
95 100
174 65.7 0.0 149.0
176 65.6 0.0 145.6

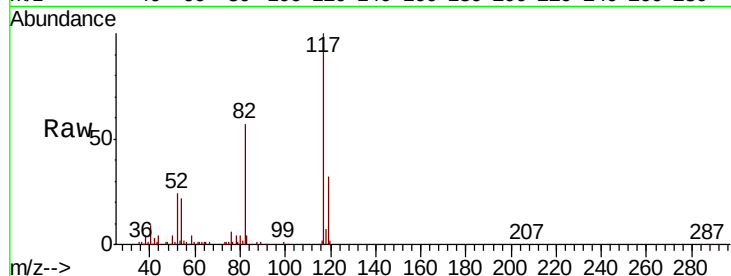




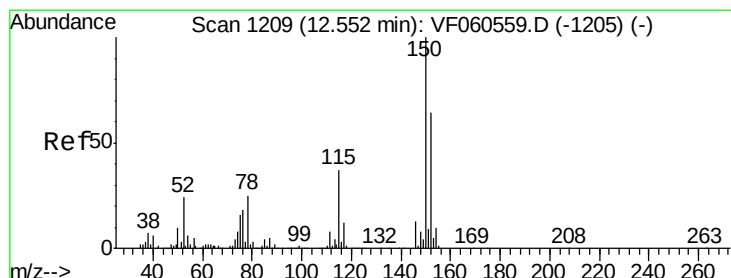
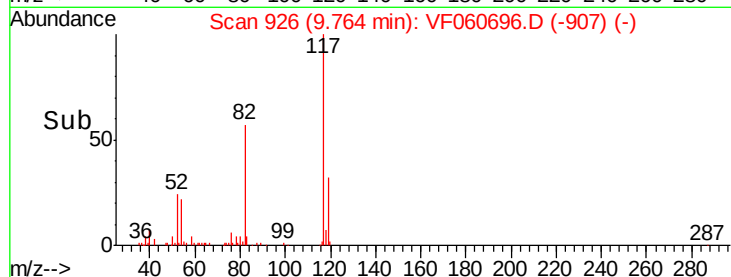
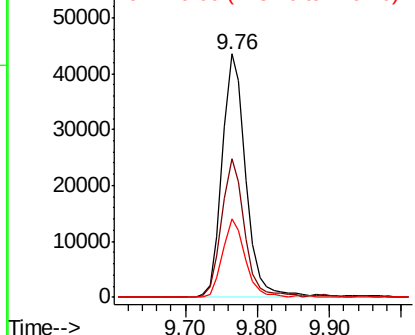
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060696.D
Acq: 12 Nov 2018 20:58

Instrument :
MSVOA_F
ClientSampleId :
TP-3-SRE

Tot Ion:117 Resp: 99588
Ion Ratio Lower Upper
117 100
82 56.9 43.9 65.9
119 32.3 27.4 41.0

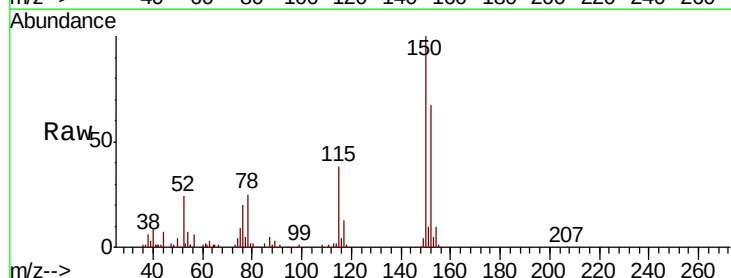


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060696.D
Acq: 12 Nov 2018 20:58

Tgt Ion:152 Resp: 29688
Ion Ratio Lower Upper
152 100
115 56.8 29.6 88.8
150 150.1 0.0 315.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V

