

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060572.D
 Acq On : 5 Nov 2018 14:58
 Operator : VA/AP
 Sample : J5741-51
 Misc : 6.93/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-13

Quant Time: Nov 05 15:58:24 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	259399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	444569	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	385275	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	195854	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	118219	45.11	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	4.10	113	154058	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	
50) Toluene-d8	7.54	98	410590	40.35	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.70%	
62) 4-Bromofluorobenzene	11.40	95	182923	41.10	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	82.20%	

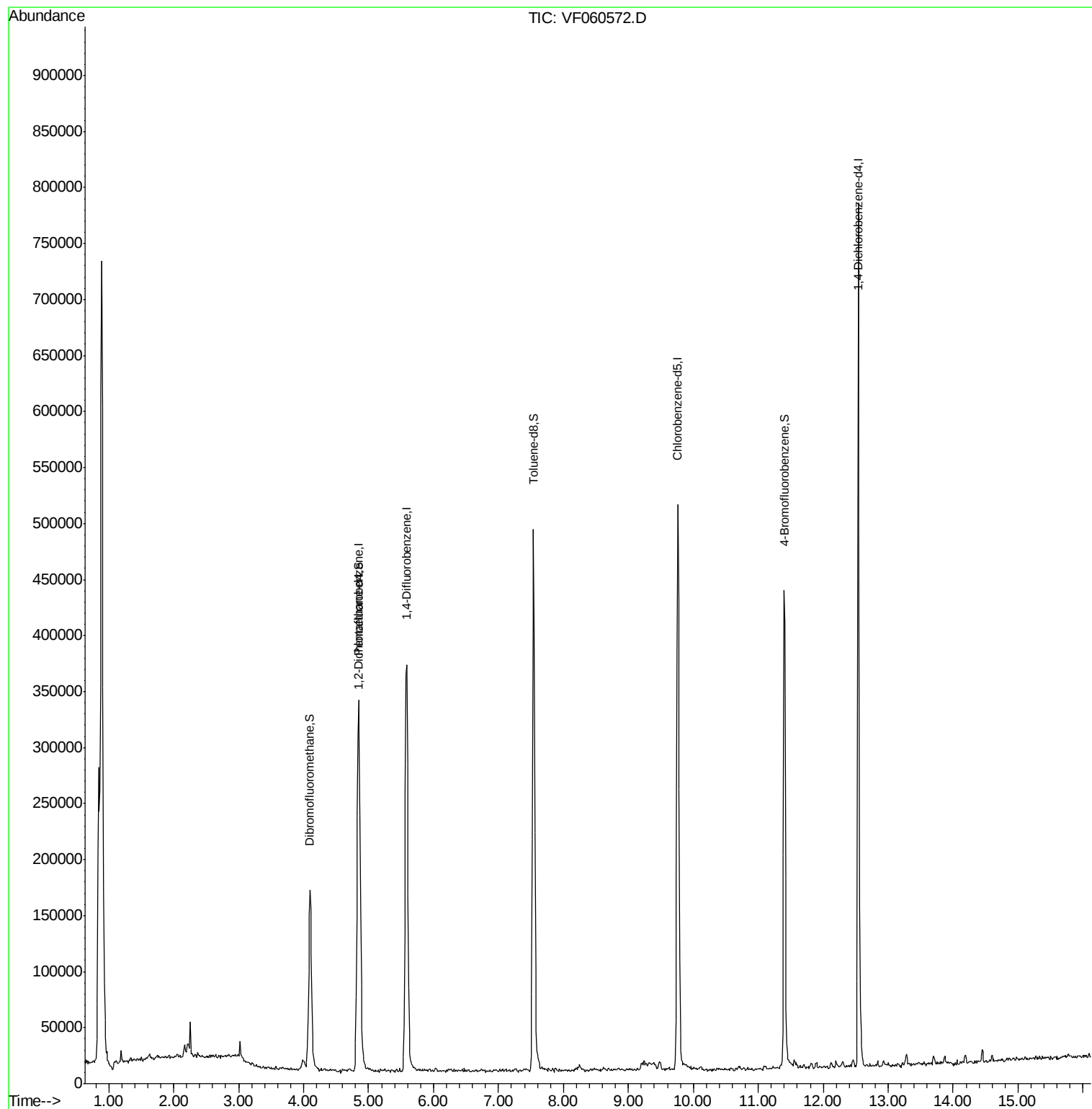
Target Compounds	Qvalue

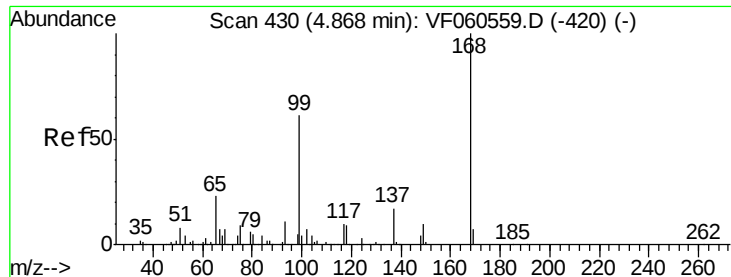
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110518\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060572.D

Acq: 5 Nov 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

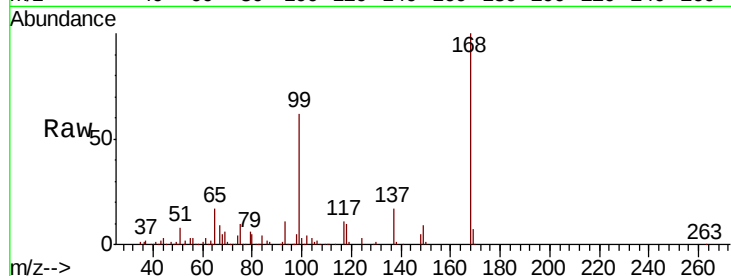
TP-13

Tot Ion:168 Resp: 259399

Ion Ratio Lower Upper

168 100

99 61.9 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

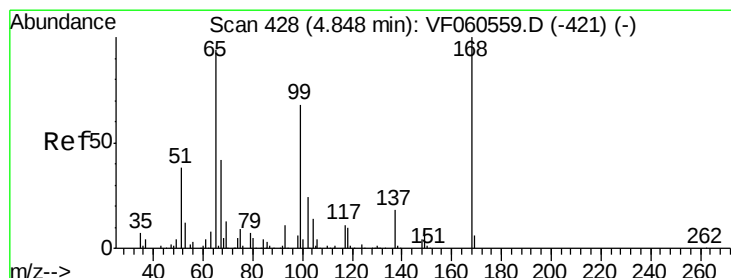
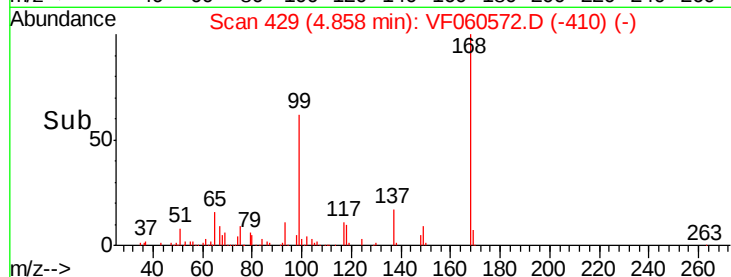
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.106 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF060572.D

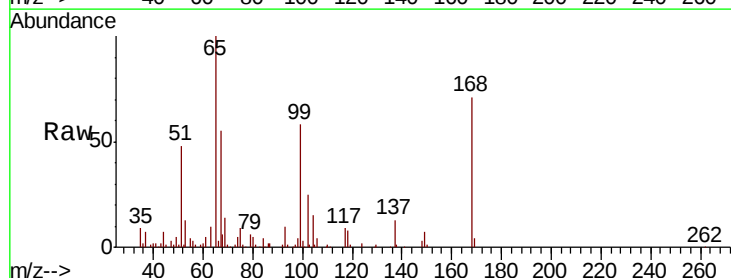
Acq: 5 Nov 2018 14:58

Tgt Ion: 65 Resp: 118219

Ion Ratio Lower Upper

65 100

67 55.0 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

40000

30000

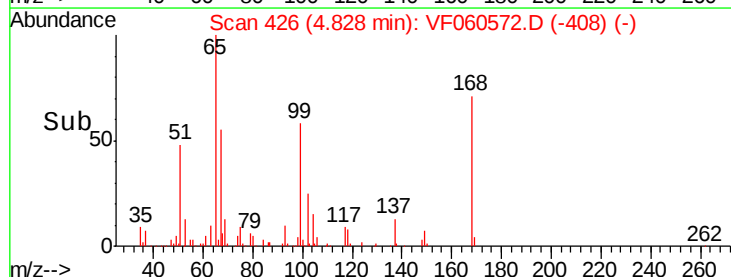
20000

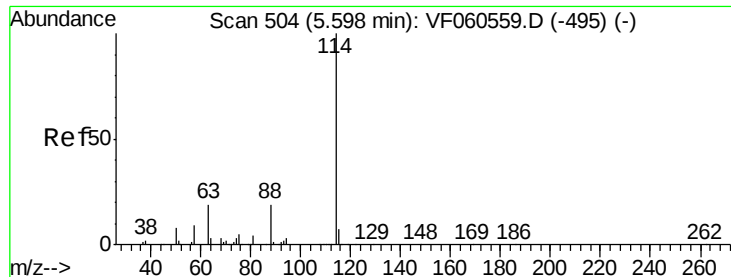
10000

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: VF060572.D

Acq: 5 Nov 2018 14:58

Instrument :

MSVOA_F

ClientSampleId :

TP-13

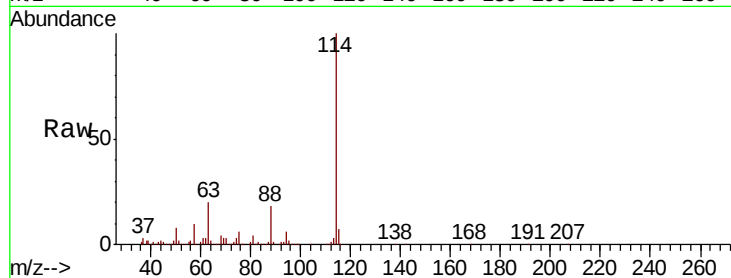
Tot Ion:114 Resp: 444569

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

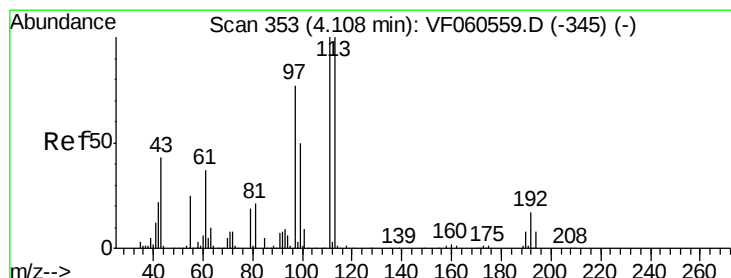
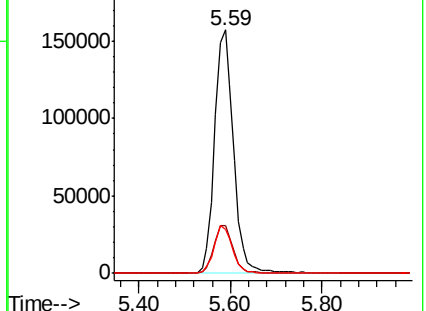
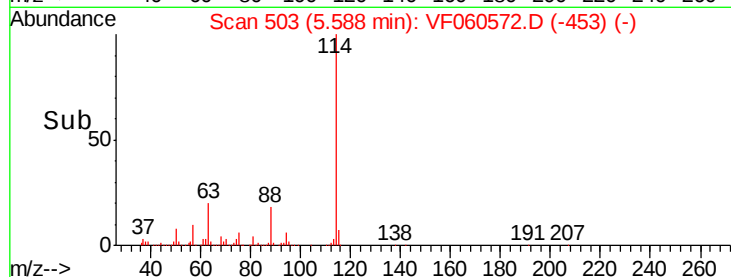
88 18.1 0.0 38.2



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: 44.853 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF060572.D

Acq: 5 Nov 2018 14:58

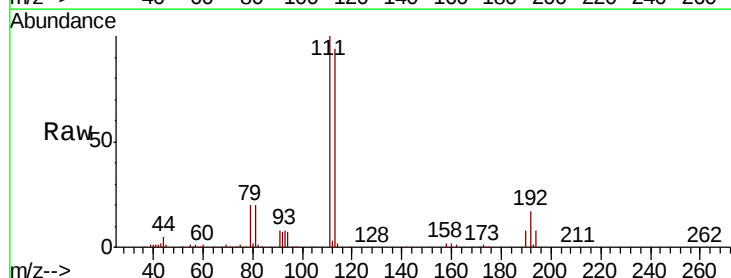
Tgt Ion:113 Resp: 154058

Ion Ratio Lower Upper

113 100

111 105.9 79.9 119.9

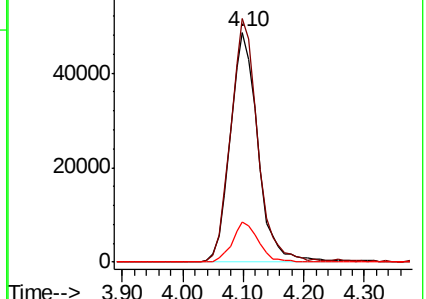
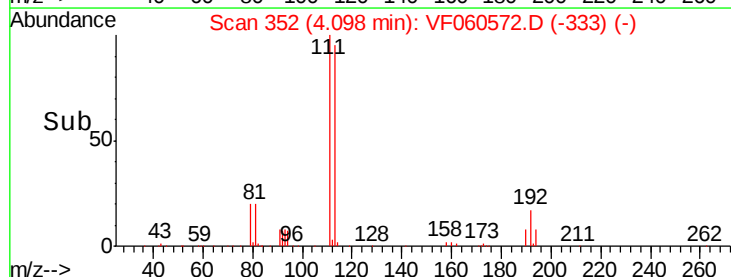
192 17.6 13.3 19.9

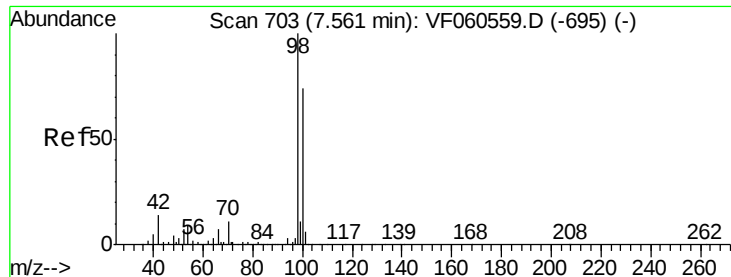


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

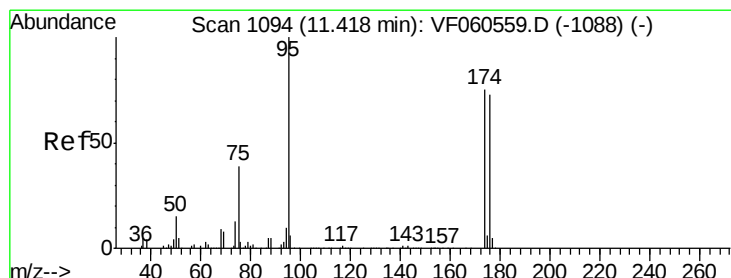
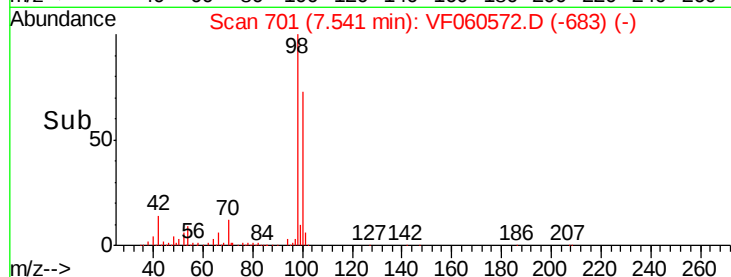
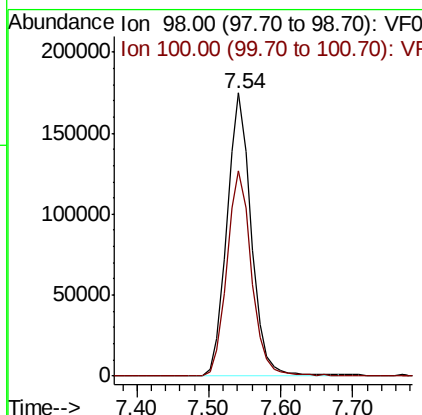
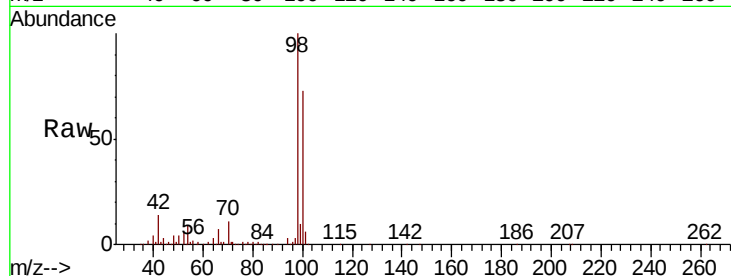




#50
Toluene-d8
Concen: 40.354 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060572.D
Acq: 5 Nov 2018 14:58

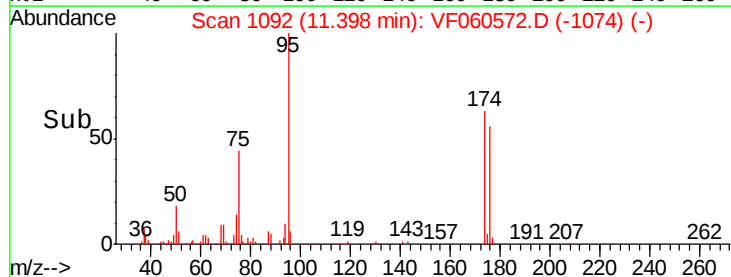
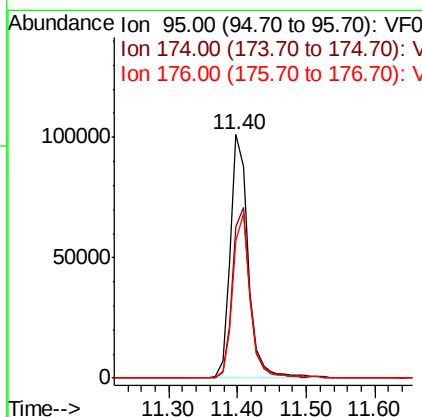
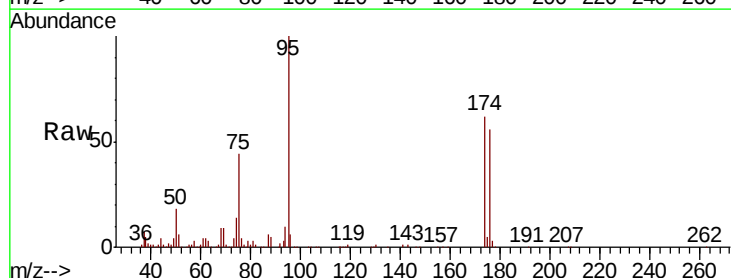
Instrument :
MSVOA_F
ClientSampleId :
TP-13

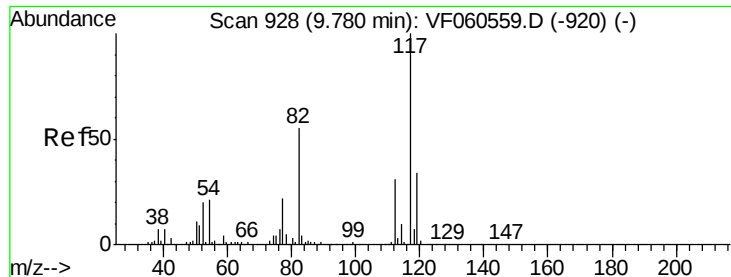
Tot Ion: 98 Resp: 410590
Ion Ratio Lower Upper
98 100
100 72.6 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 41.101 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060572.D
Acq: 5 Nov 2018 14:58

Tgt Ion: 95 Resp: 182923
Ion Ratio Lower Upper
95 100
174 62.4 0.0 149.0
176 56.3 0.0 145.6

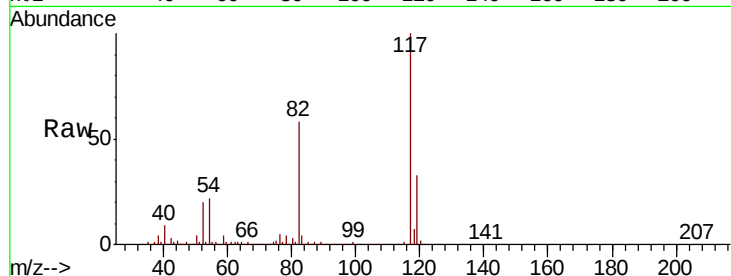




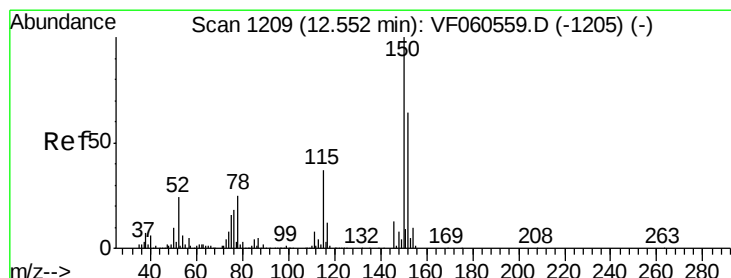
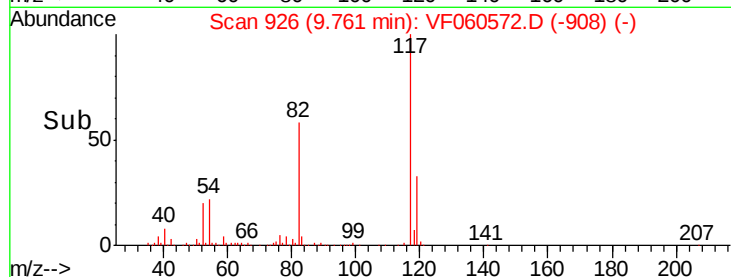
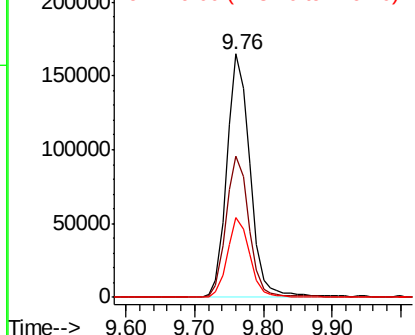
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060572.D
Acq: 5 Nov 2018 14:58

Instrument :
MSVOA_F
ClientSampleId :
TP-13

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.9	65.9
119	33.0	27.4	41.0

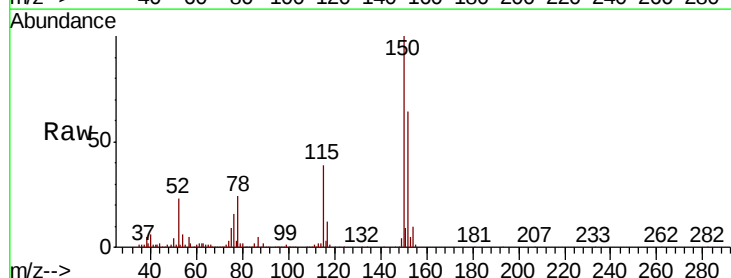


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060572.D
Acq: 5 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.6	88.8
150	155.1	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

