

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060675.D
 Acq On : 9 Nov 2018 16:42
 Operator : VA/AP
 Sample : J5864-02RE
 Misc : 5.43g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OLDMANS-2RE

Quant Time: Nov 12 04:47:00 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	4.87	168	255969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	459062	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	419861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	224970	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	128413	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
35) Dibromofluoromethane	4.12	113	154936	43.68	ug/l	0.01
Spiked Amount	50.000		Recovery	=	87.36%	
50) Toluene-d8	7.56	98	388938	37.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.04%	
62) 4-Bromofluorobenzene	11.42	95	192897	41.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.94%	

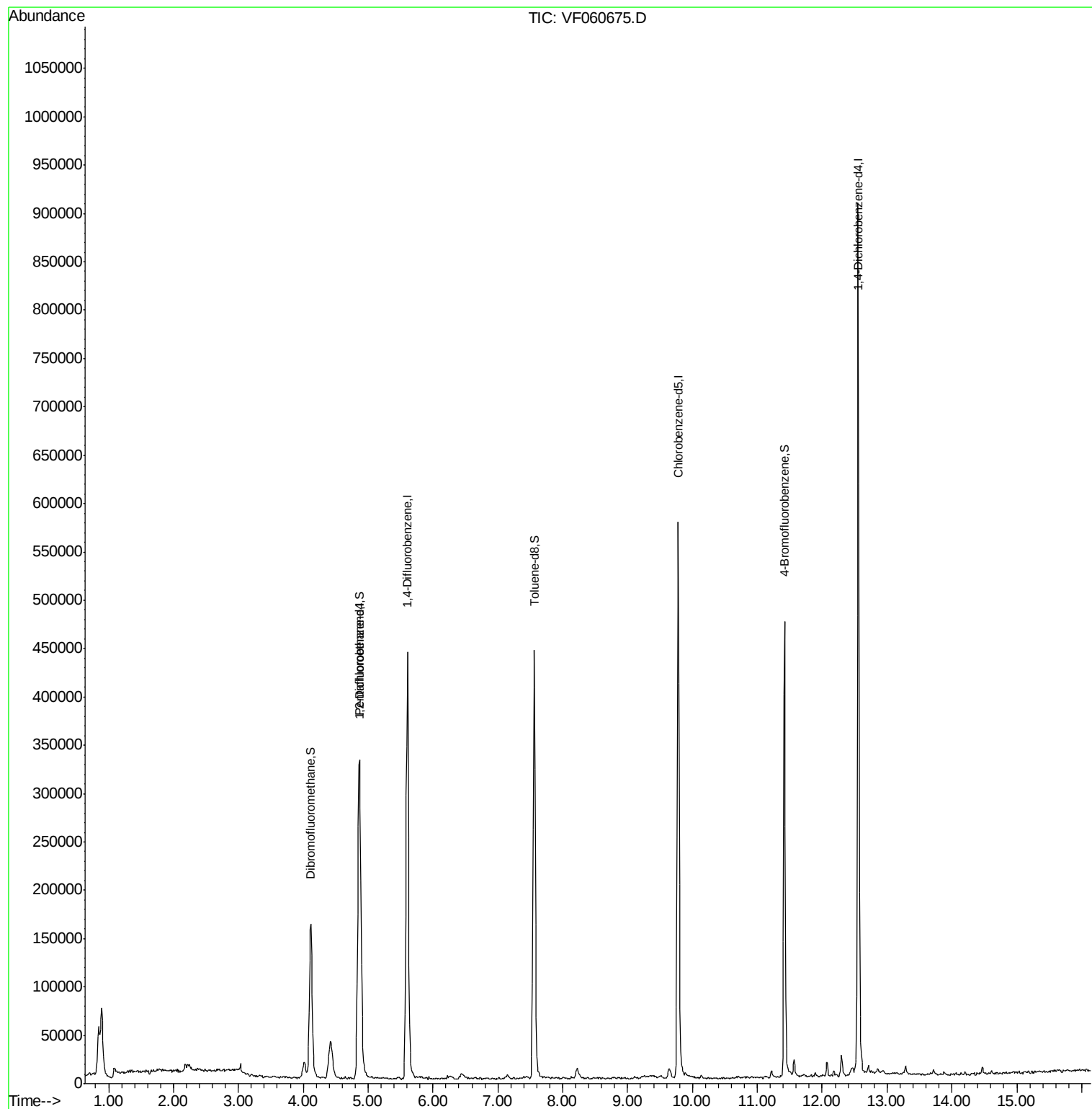
Target Compounds	Qvalue

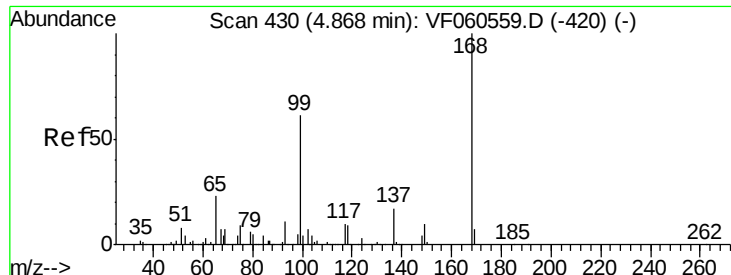
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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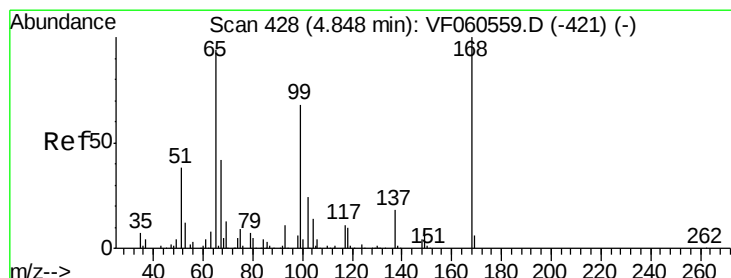
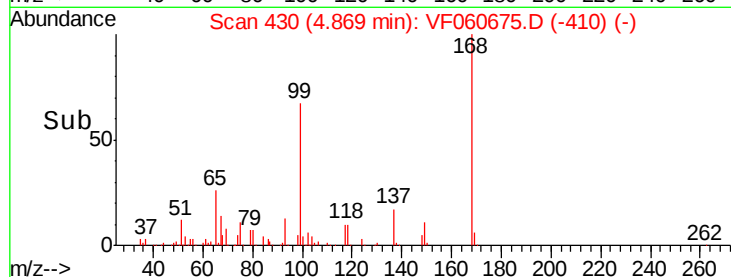
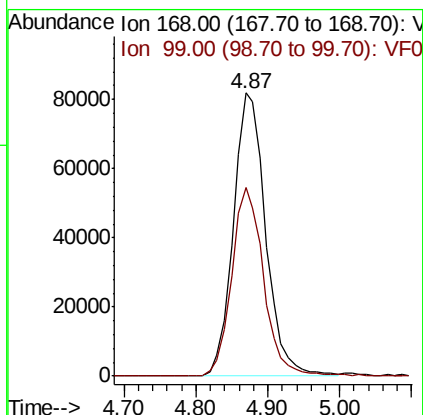
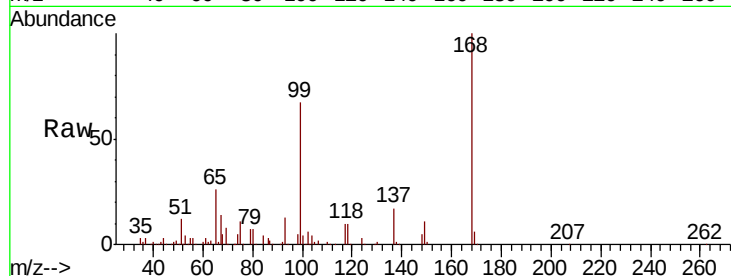




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.00 min
Lab File: VF060675.D
Acq: 9 Nov 2018 16:42

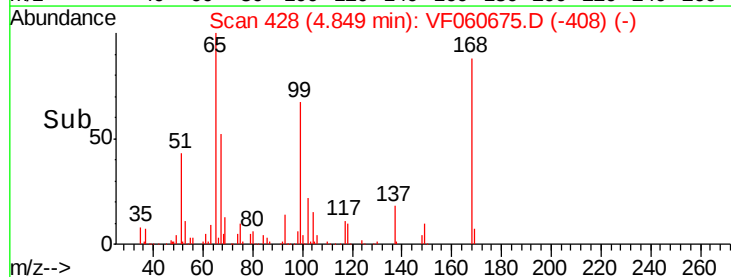
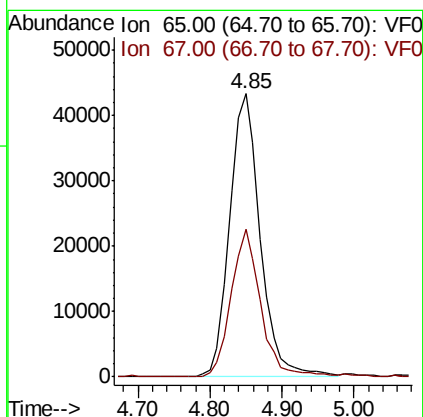
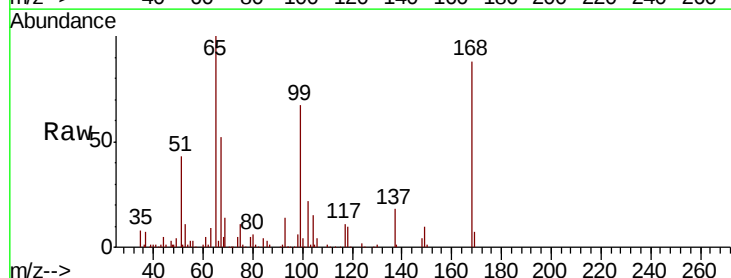
Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2RE

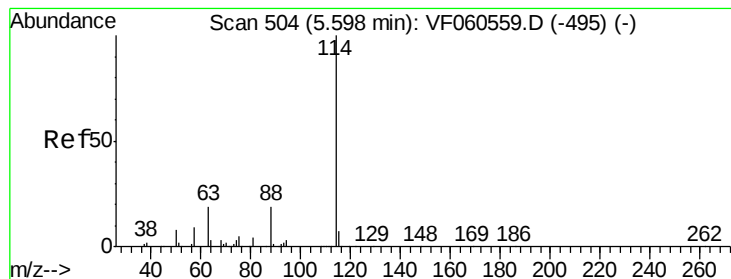
Tot Ion:168 Resp: 255969
Ion Ratio Lower Upper
168 100
99 66.7 48.6 72.8



#33
1,2-Dichloroethane-d4
Concen: 49.652 ug/l
RT: 4.85 min Scan# 428
Delta R.T. 0.00 min
Lab File: VF060675.D
Acq: 9 Nov 2018 16:42

Tgt Ion: 65 Resp: 128413
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060675.D

Acq: 9 Nov 2018 16:42

Instrument :

MSVOA_F

ClientSampleId :

OLDMANS-2RE

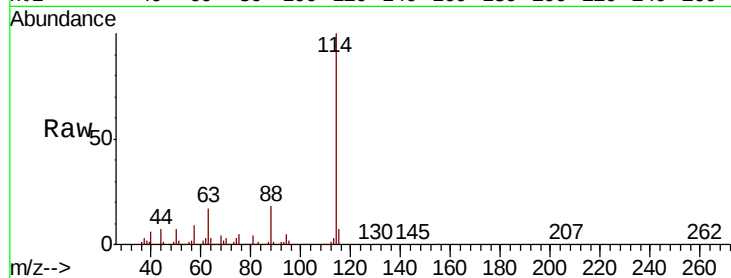
Tot Ion:114 Resp: 459062

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.0

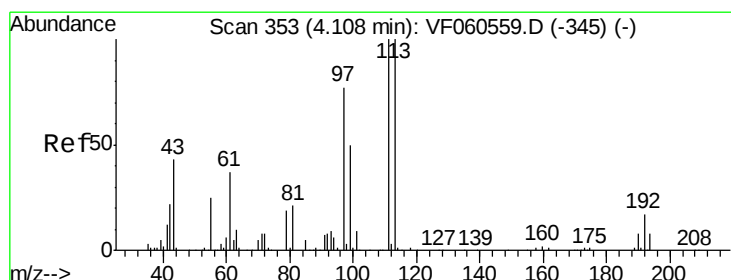
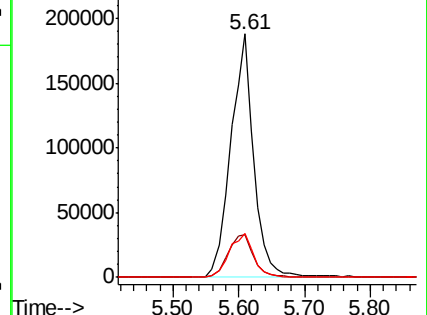
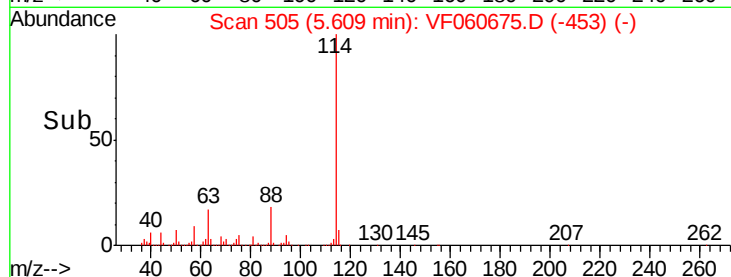
88 18.1 0.0 38.2



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: 43.685 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060675.D

Acq: 9 Nov 2018 16:42

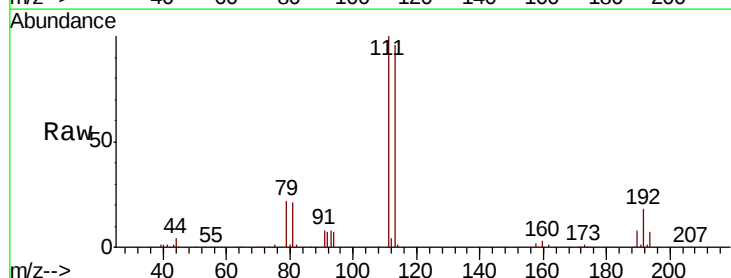
Tgt Ion:113 Resp: 154936

Ion Ratio Lower Upper

113 100

111 103.9 79.9 119.9

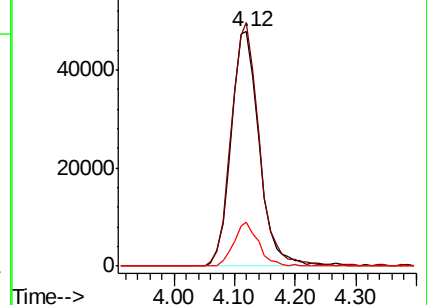
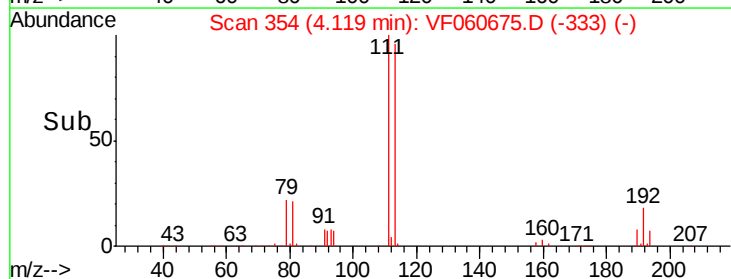
192 19.3 13.3 19.9



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

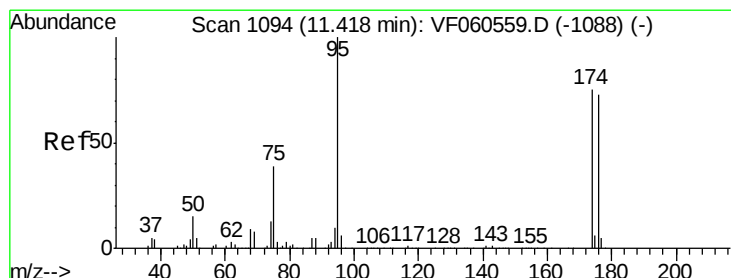
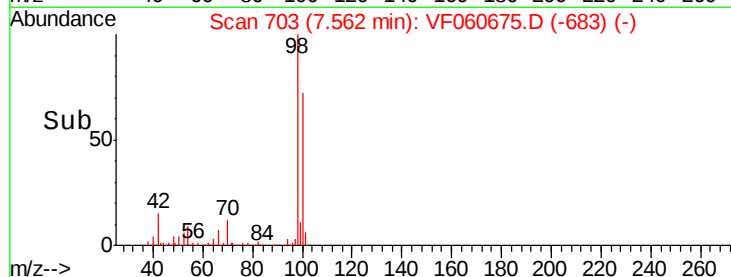
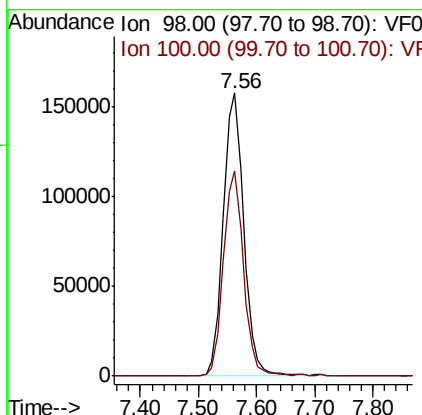
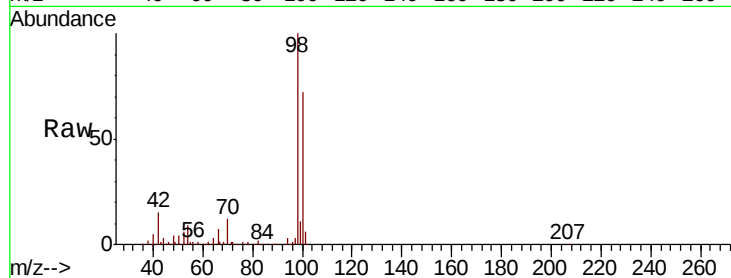




#50
Toluene-d8
Concen: 37.019 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060675.D
Acq: 9 Nov 2018 16:42

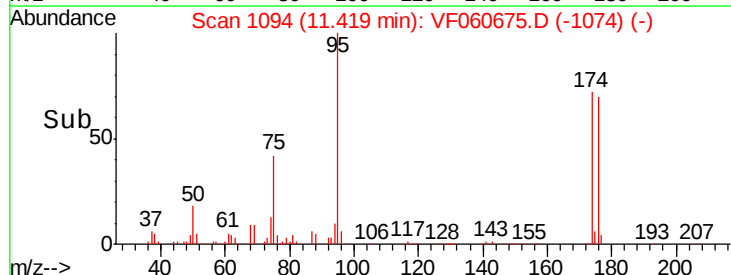
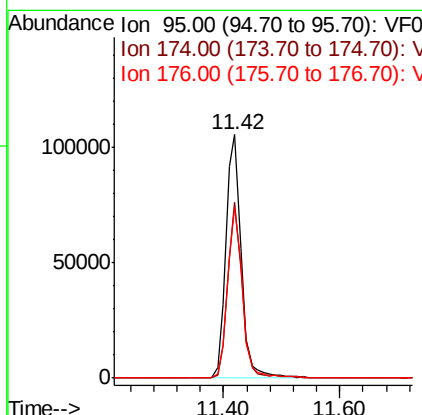
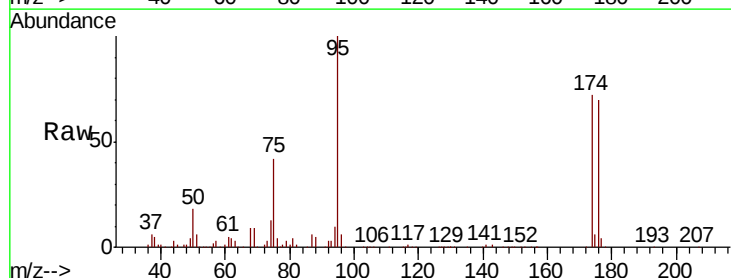
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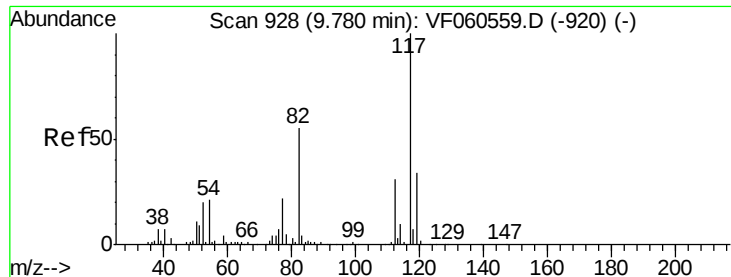
Tot Ion: 98 Resp: 388938
Ion Ratio Lower Upper
98 100
100 72.5 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 41.974 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060675.D
Acq: 9 Nov 2018 16:42

Tgt Ion: 95 Resp: 192897
Ion Ratio Lower Upper
95 100
174 72.0 0.0 149.0
176 70.3 0.0 145.6

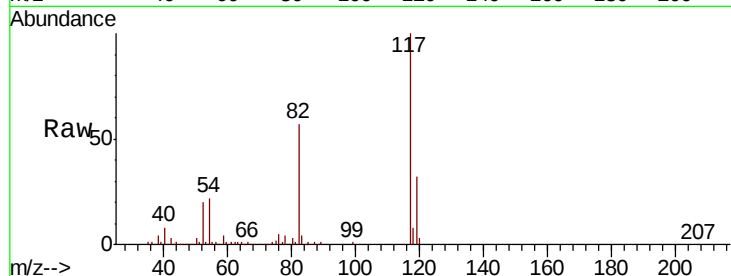




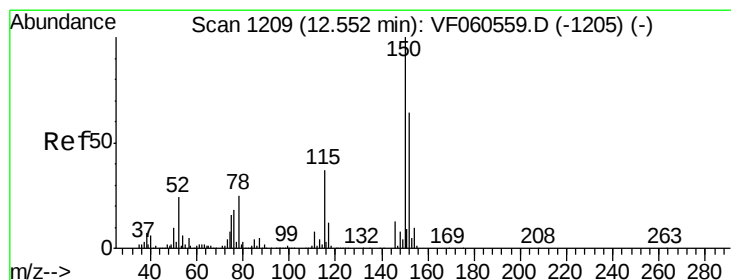
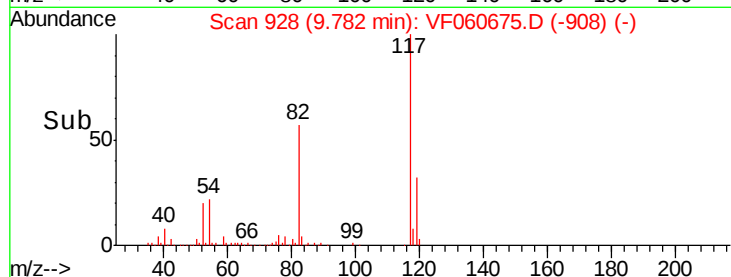
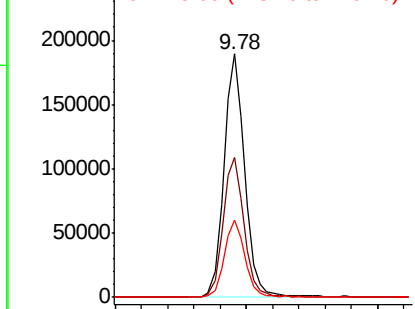
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060675.D
Acq: 9 Nov 2018 16:42

Instrument :
MSVOA_F
ClientSampleId :
OLDMANS-2RE

Tot Ion:117 Resp: 419861
Ion Ratio Lower Upper
117 100
82 57.4 43.9 65.9
119 31.9 27.4 41.0

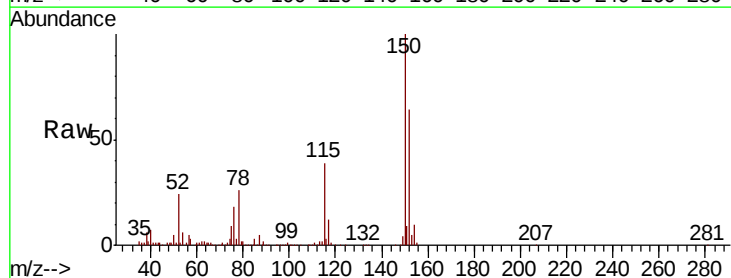


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060675.D
Acq: 9 Nov 2018 16:42

Tgt Ion:152 Resp: 224970
Ion Ratio Lower Upper
152 100
115 61.7 29.6 88.8
150 157.3 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

