

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060665.D
 Acq On : 8 Nov 2018 22:35
 Operator : VA/AP
 Sample : J5813-12RE
 Misc : 5.74g/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-LRE

Quant Time: Nov 09 13:55:46 2018
 Quant Method : Z:\V0ASRV\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	232792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	412962	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	356070	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	192112	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	151153	64.26	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	128.52%	
35) Dibromofluoromethane	4.10	113	202423	63.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.88%	
50) Toluene-d8	7.54	98	525471	55.60	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.20%	
62) 4-Bromofluorobenzene	11.40	95	239032	57.82	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	115.64%	

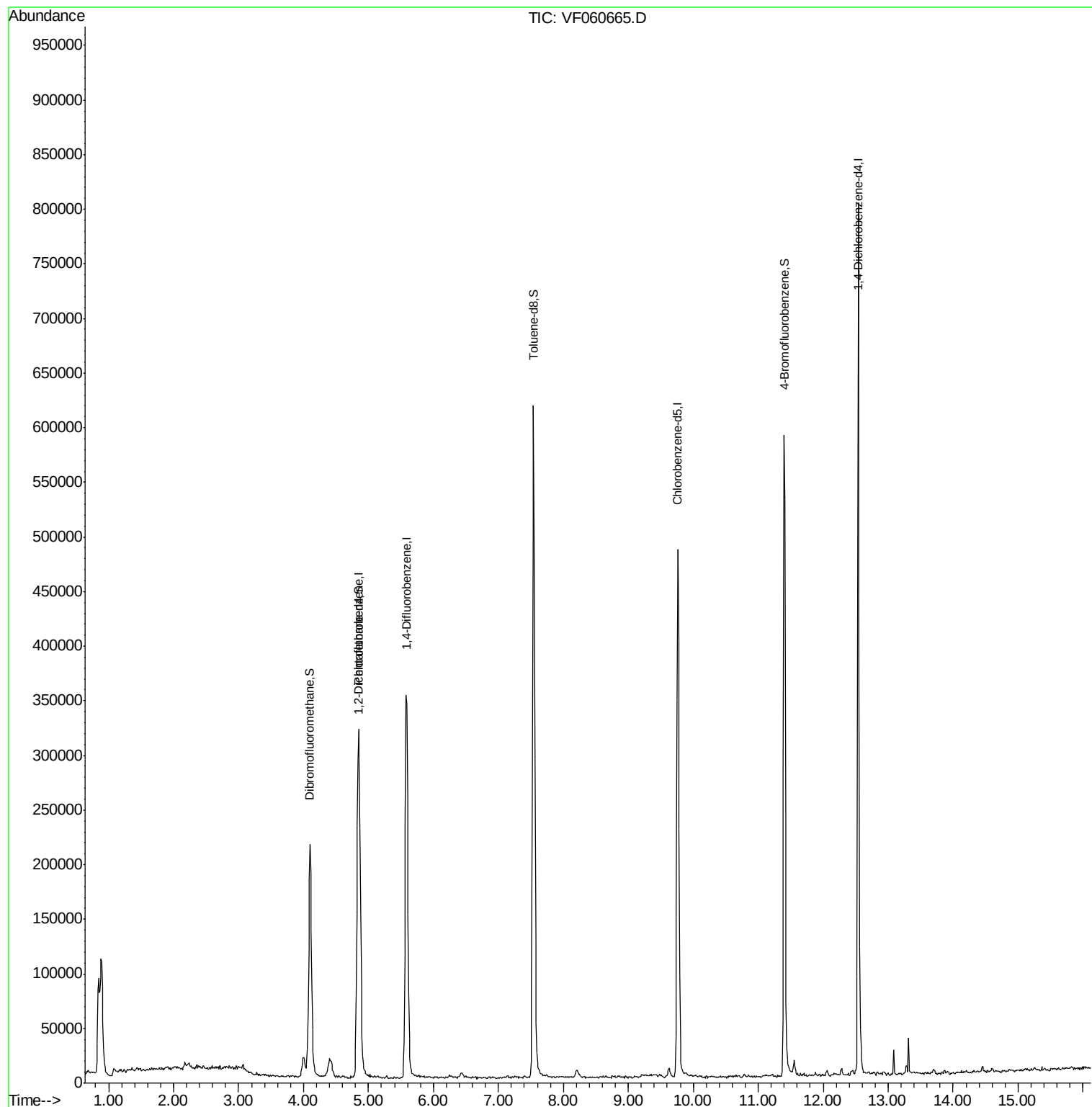
Target Compounds	Qvalue

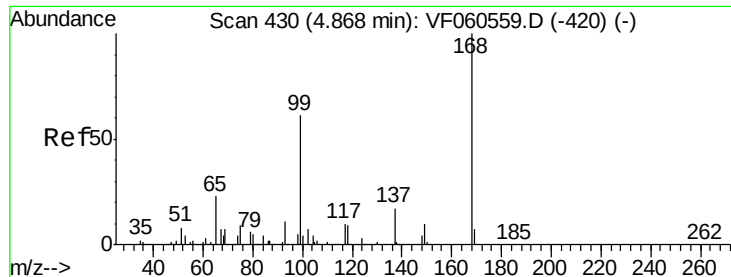
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF060665.D

Acq: 8 Nov 2018 22:35

Instrument :

MSVOA_F

ClientSampleId :

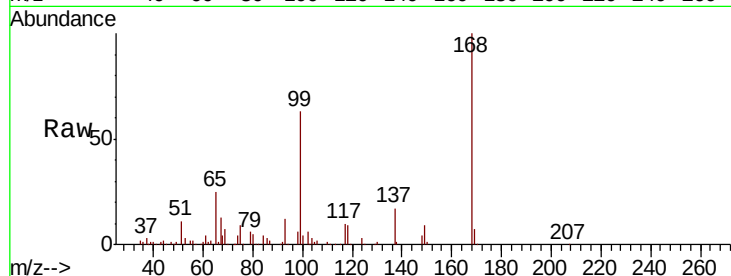
TS-LRE

Tot Ion:168 Resp: 232792

Ion Ratio Lower Upper

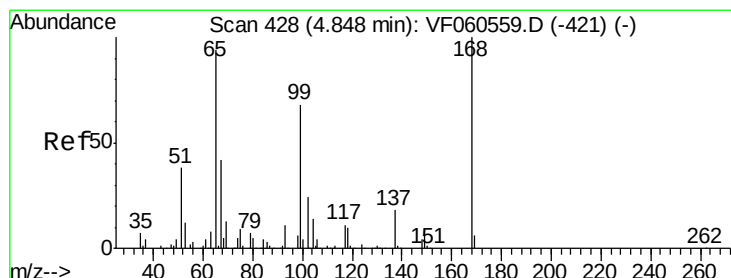
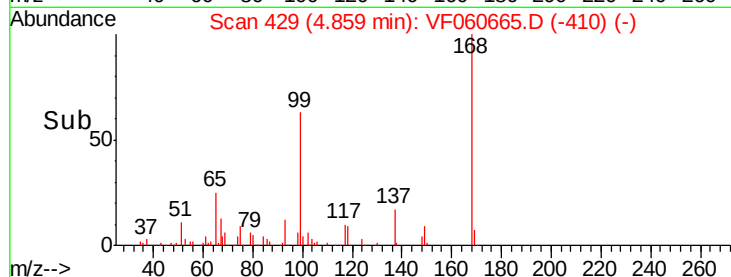
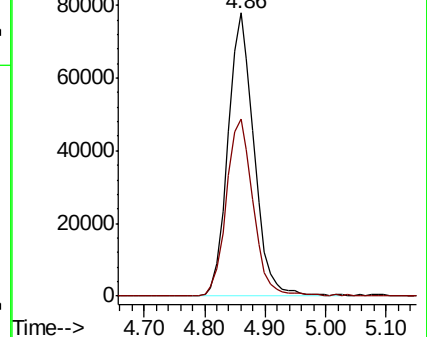
168 100

99 62.7 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 64.264 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF060665.D

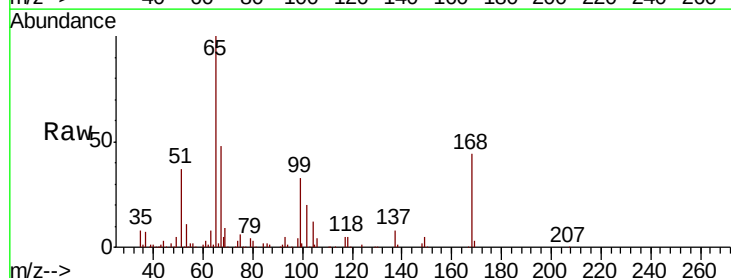
Acq: 8 Nov 2018 22:35

Tgt Ion: 65 Resp: 151153

Ion Ratio Lower Upper

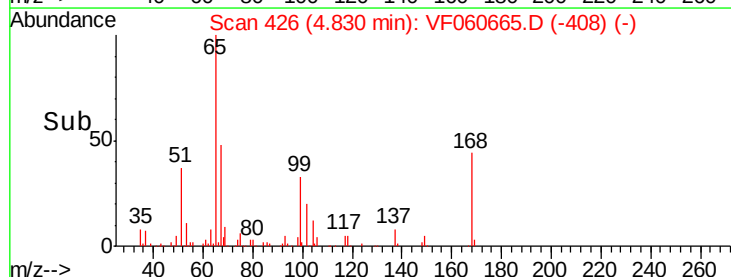
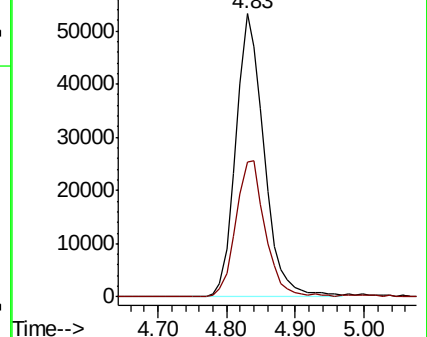
65 100

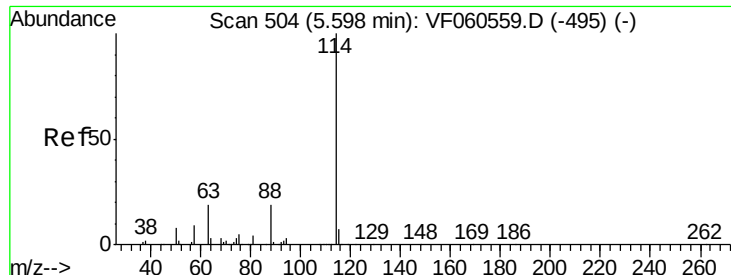
67 47.8 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

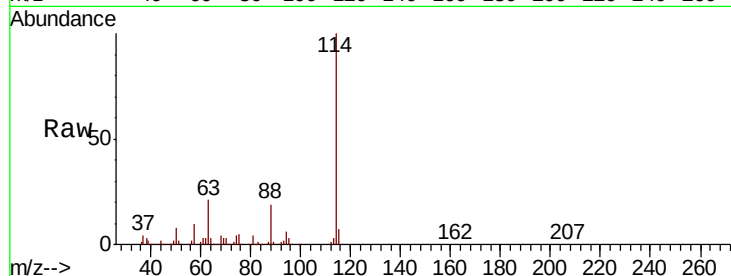




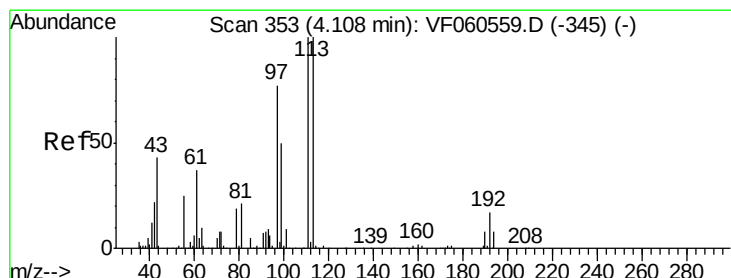
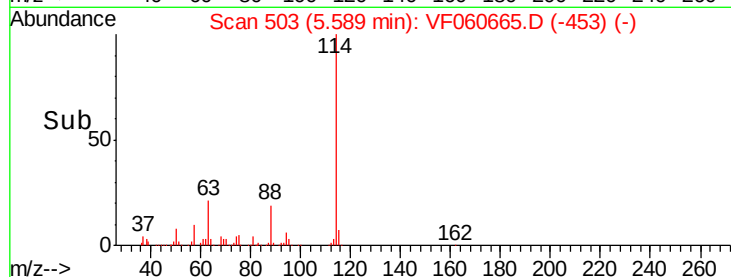
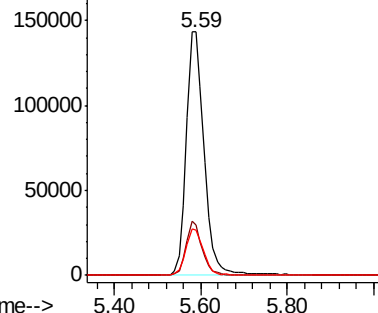
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: VF060665.D
 Acq: 8 Nov 2018 22:35

Instrument :
 MSVOA_F
 ClientSampleId :
 TS-LRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	18.7	0.0	38.2

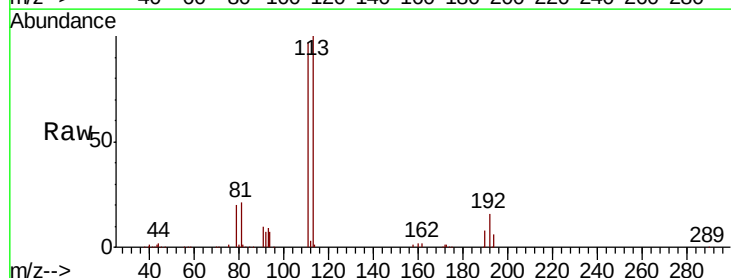


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

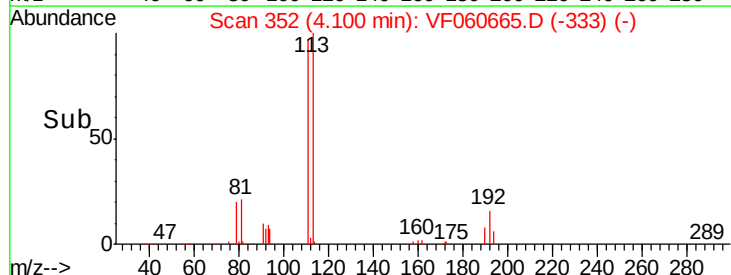
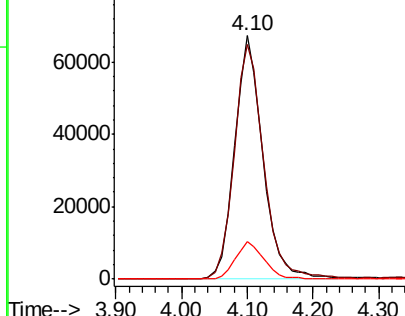


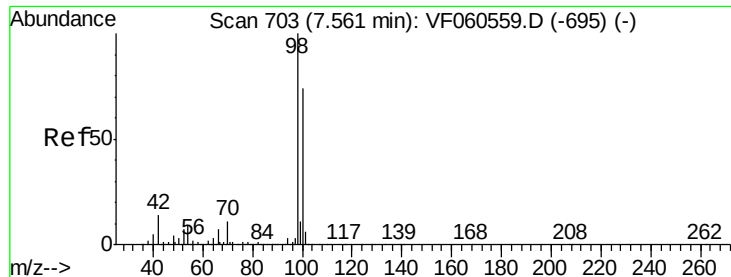
#35
 Dibromofluoromethane
 Concen: 63.445 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF060665.D
 Acq: 8 Nov 2018 22:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	96.5	79.9	119.9
192	15.5	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

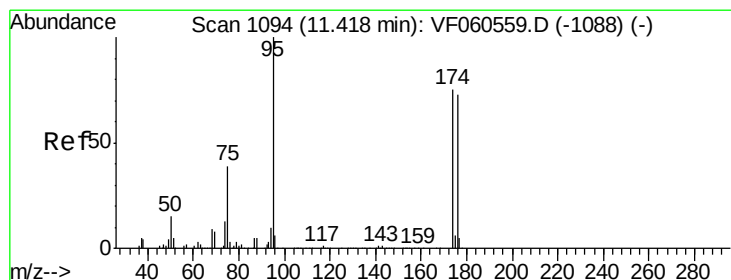
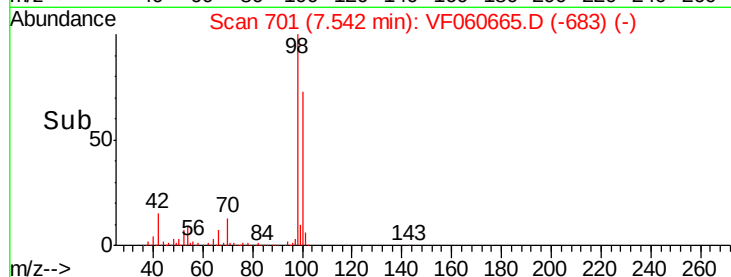
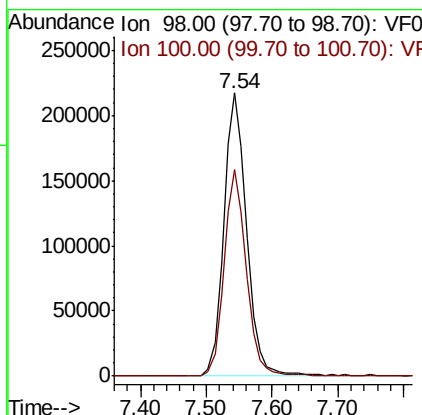
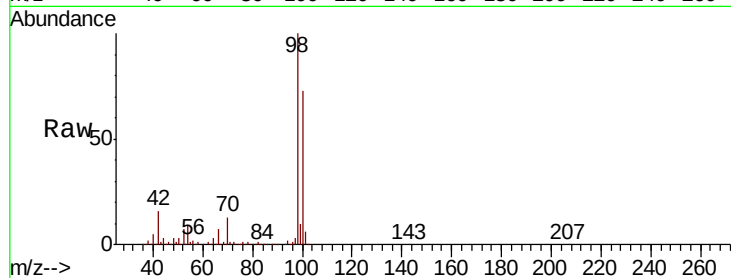




#50
Toluene-d8
Concen: 55.598 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060665.D
Acq: 8 Nov 2018 22:35

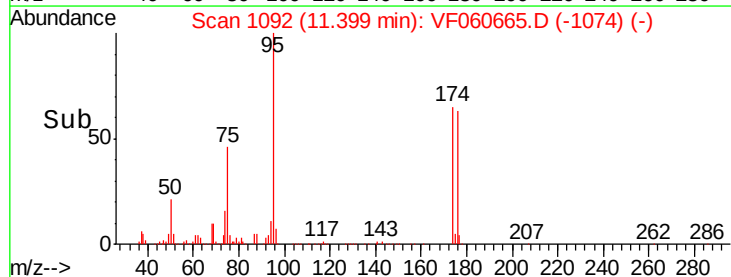
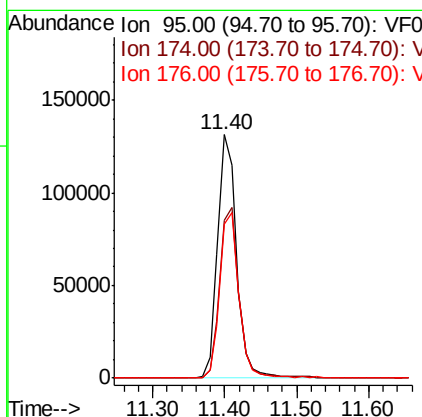
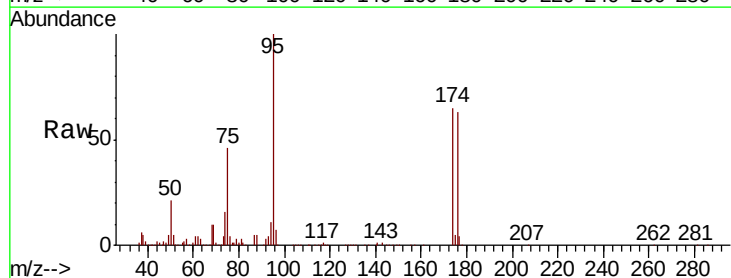
Instrument :
MSVOA_F
ClientSampleId :
TS-LRE

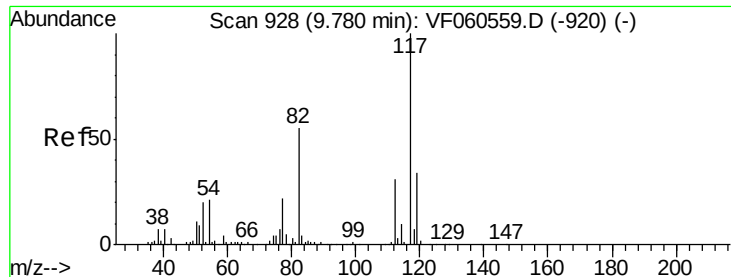
Tot Ion: 98 Resp: 525471
Ion Ratio Lower Upper
98 100
100 73.2 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 57.819 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF060665.D
Acq: 8 Nov 2018 22:35

Tgt Ion: 95 Resp: 239032
Ion Ratio Lower Upper
95 100
174 64.9 0.0 149.0
176 63.4 0.0 145.6

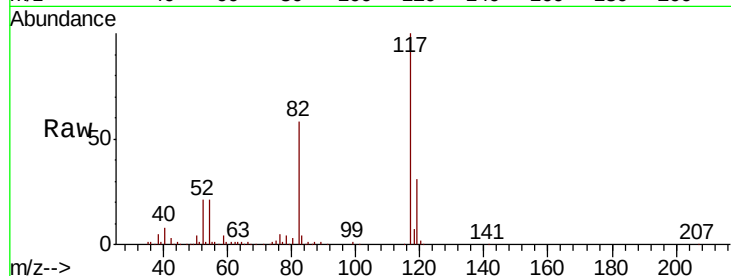




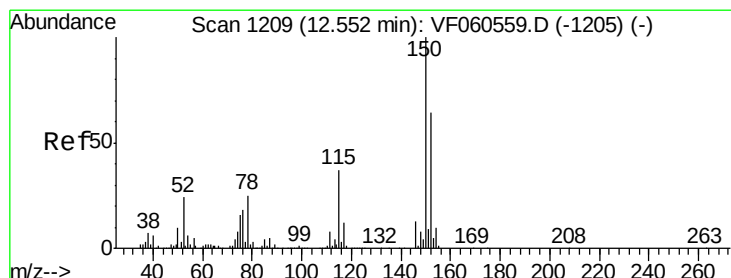
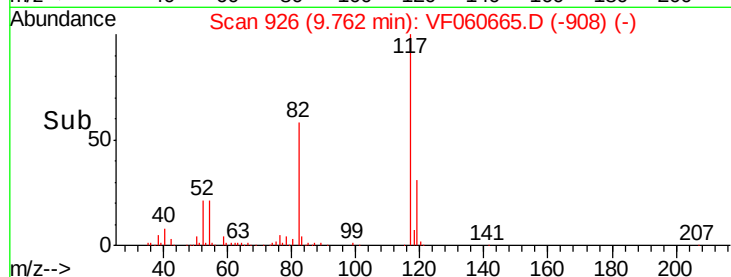
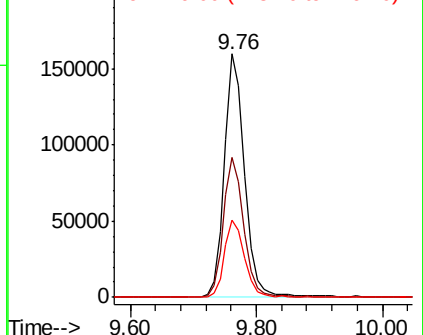
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF060665.D
Acq: 8 Nov 2018 22:35

Instrument :
MSVOA_F
ClientSampleId :
TS-LRE

Tot Ion:117 Resp: 356070
Ion Ratio Lower Upper
117 100
82 57.7 43.9 65.9
119 31.5 27.4 41.0

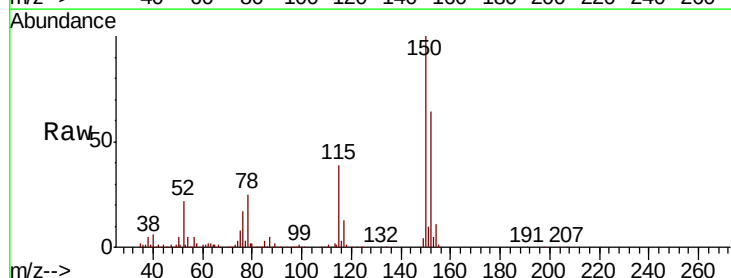


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF060665.D
Acq: 8 Nov 2018 22:35

Tgt Ion:152 Resp: 192112
Ion Ratio Lower Upper
152 100
115 60.7 29.6 88.8
150 155.3 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

