

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092118\
 Data File : VF060319.D
 Acq On : 21 Sep 2018 18:24
 Operator : VA/AP
 Sample : J4777-13RE
 Misc : 6.06/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-0920-18-BRE

Quant Time: Sep 22 03:43:25 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	135849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	222799	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	160153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	63153	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	129943	71.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.08%	
35) Dibromofluoromethane	4.28	113	139913	70.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.90%	
50) Toluene-d8	7.70	98	258005	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.51	95	94728	42.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.74%	

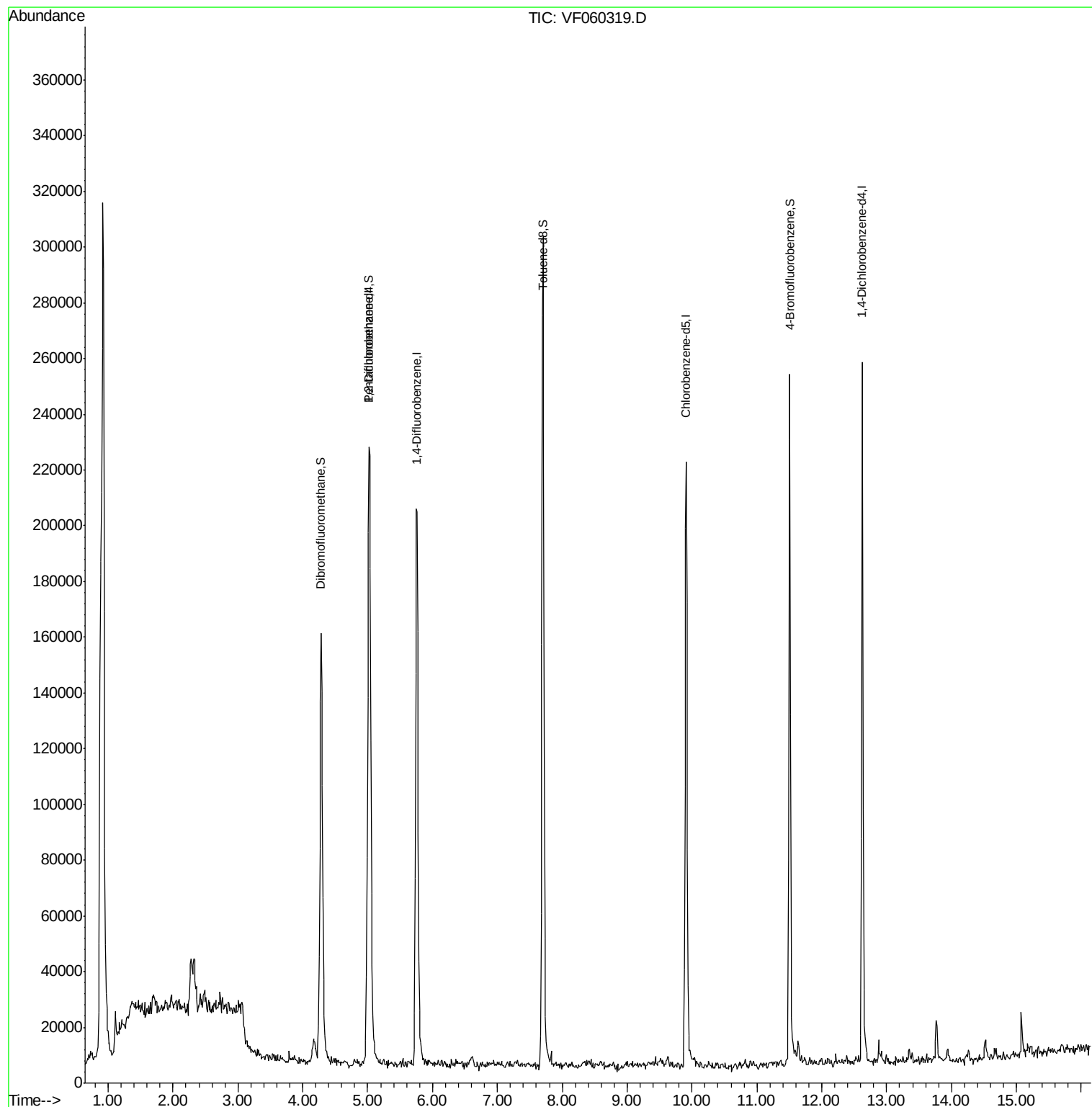
Target Compounds	Qvalue

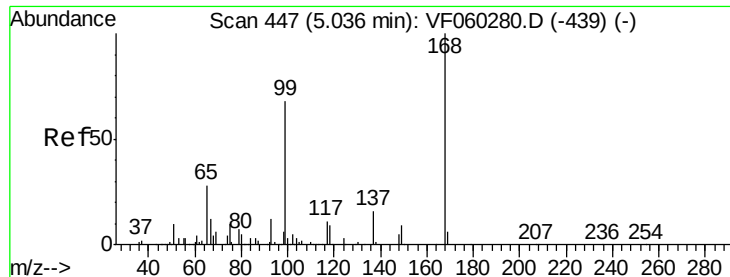
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.00 min

Lab File: VF060319.D

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Instrument :

MSVOA_F

ClientSampleId :

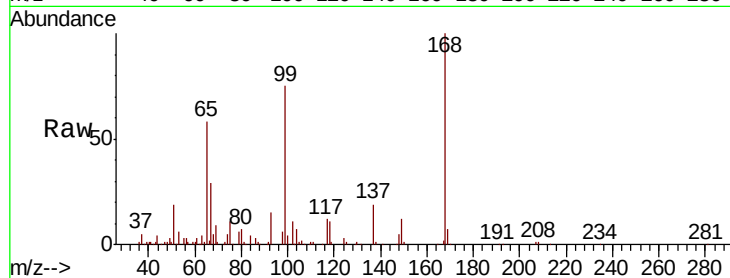
PL-02-0920-18-BRE

Tot Ion:168 Resp: 135849

Ion Ratio Lower Upper

168 100

99 75.2 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

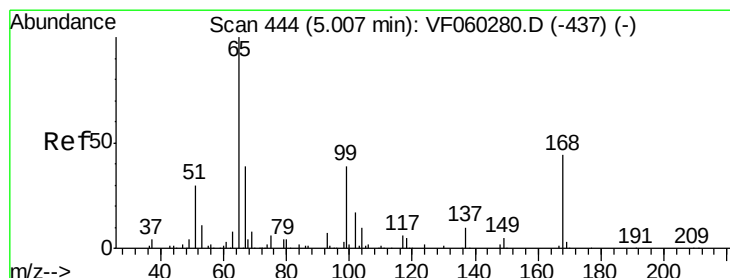
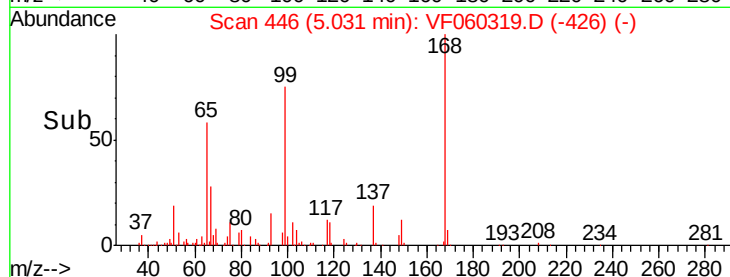
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 71.036 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060319.D

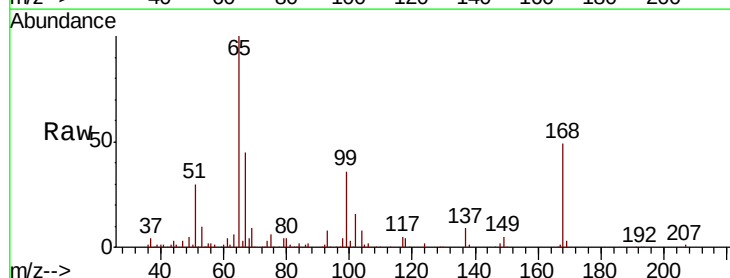
Acq: 21 Sep 2018 18:24

Tgt Ion: 65 Resp: 129943

Ion Ratio Lower Upper

65 100

67 45.2 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

40000

30000

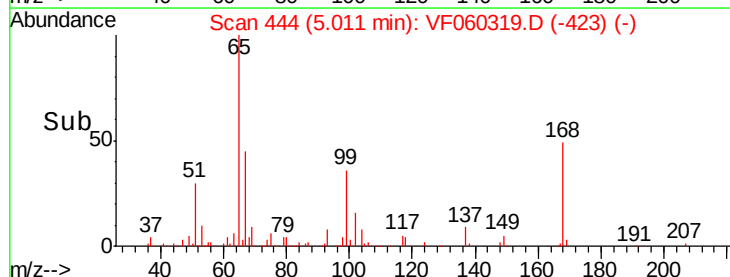
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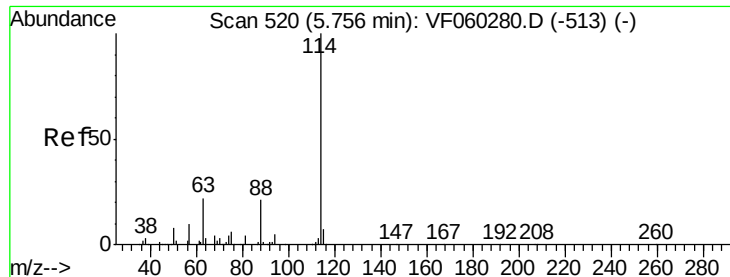
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0

4.90 5.00 5.10 5.20

Time-->

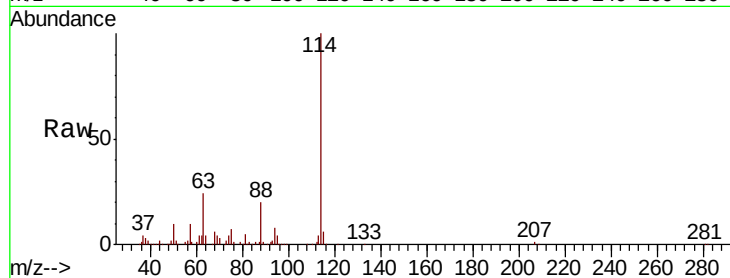




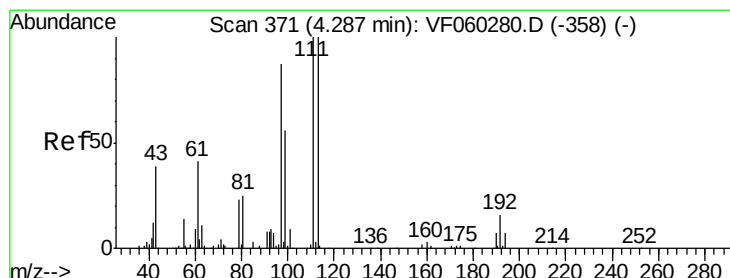
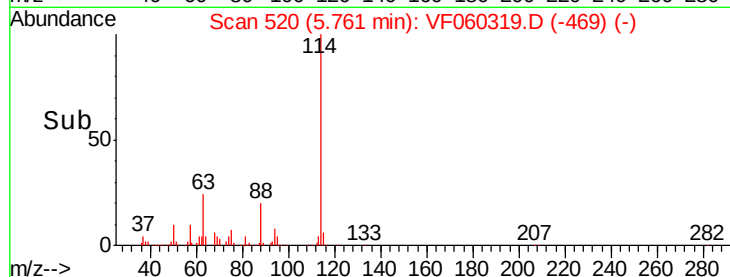
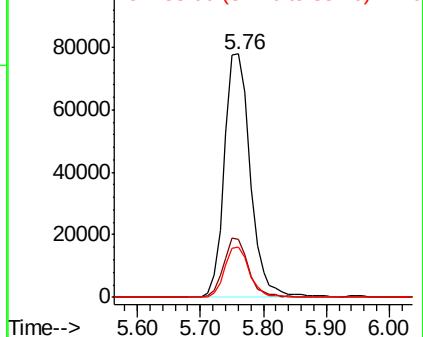
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: VF060319.D
 Acq: 21 Sep 2018 18:24

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-0920-18-BRE

Tot Ion:	114	Resp:	222799
Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	43.8
88	20.5	0.0	41.2

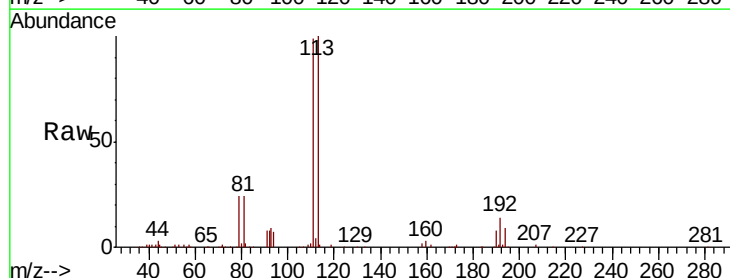


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

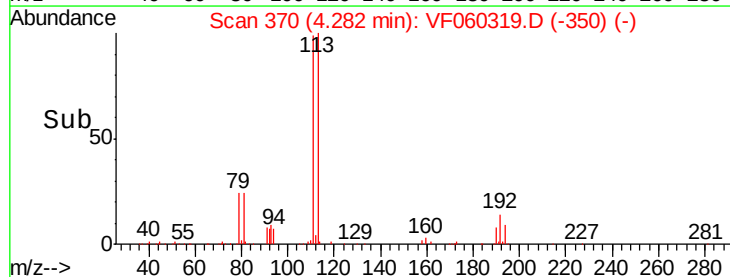
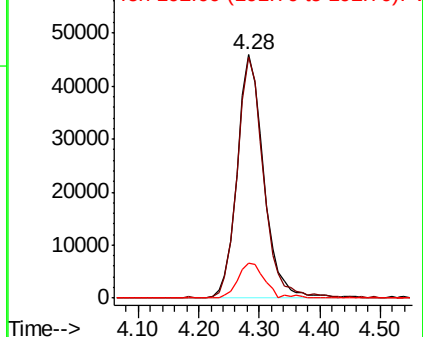


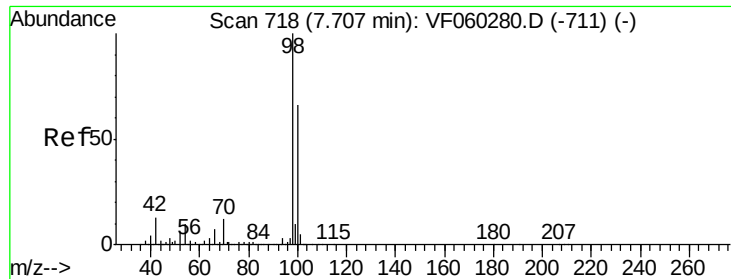
#35
 Dibromofluoromethane
 Concen: 70.447 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VF060319.D
 Acq: 21 Sep 2018 18:24

Tgt Ion:	113	Resp:	139913
Ion	Ratio	Lower	Upper
113	100		
111	99.0	79.6	119.4
192	14.5	13.0	19.6



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

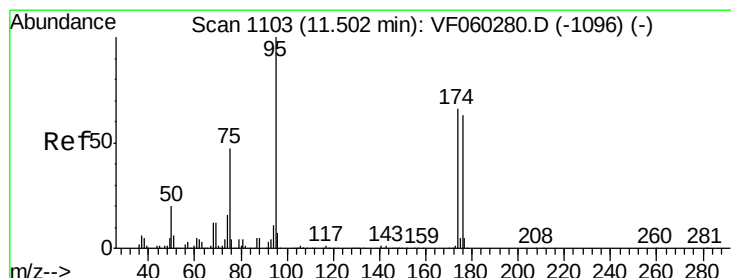
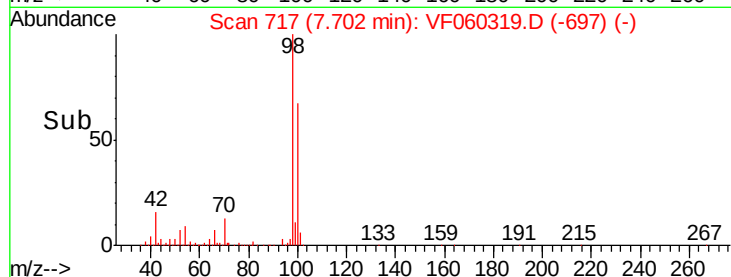
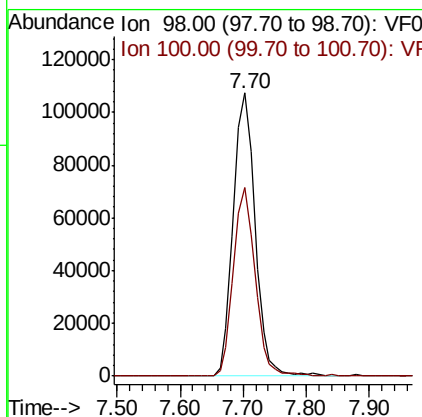
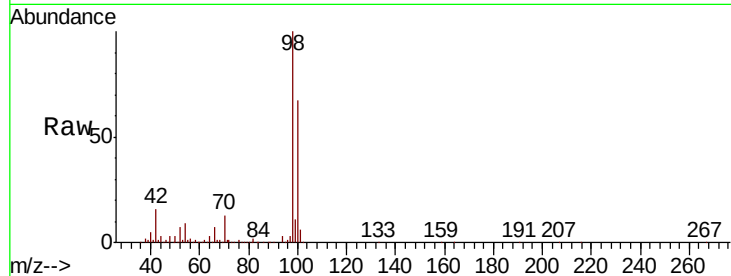




#50
Toluene-d8
Concen: 49.883 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.00 min
Lab File: VF060319.D
Acq: 21 Sep 2018 18:24

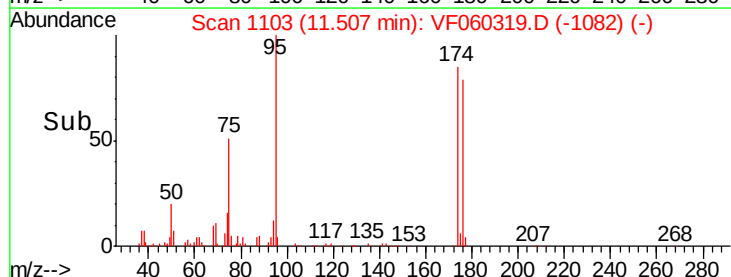
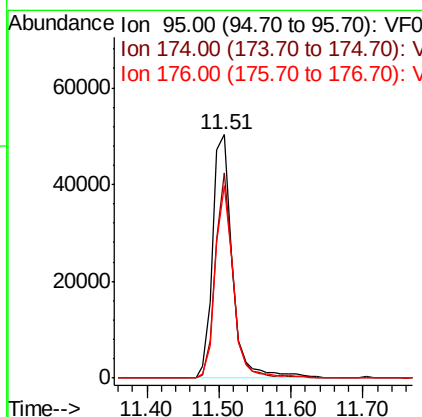
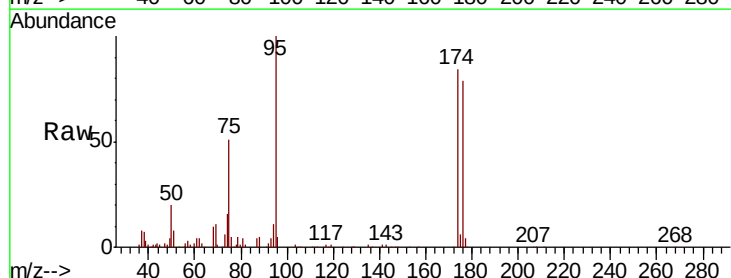
Instrument :
MSVOA_F
ClientSampleId :
PL-02-0920-18-BRE

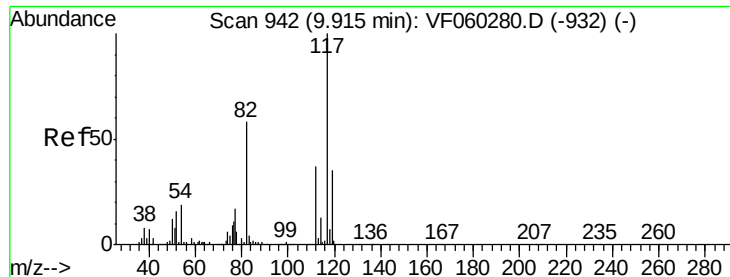
Tot Ion: 98 Resp: 258005
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 42.369 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VF060319.D
Acq: 21 Sep 2018 18:24

Tgt Ion: 95 Resp: 94728
Ion Ratio Lower Upper
95 100
174 84.2 0.0 131.2
176 79.1 0.0 126.6

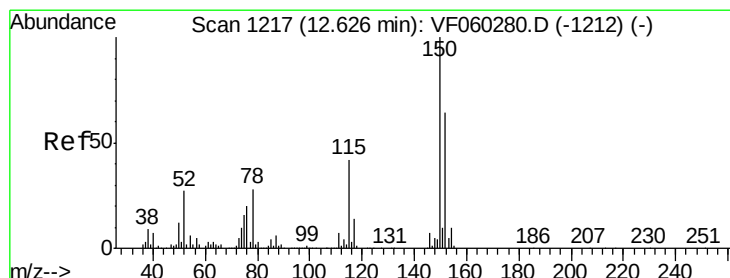
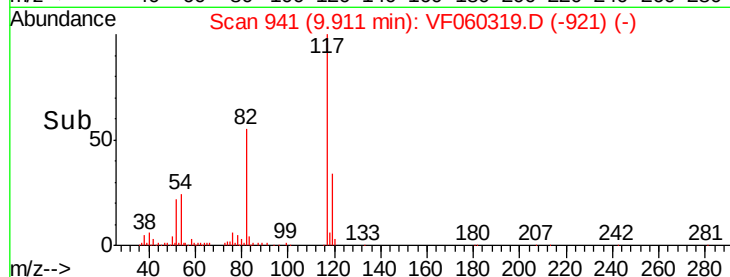
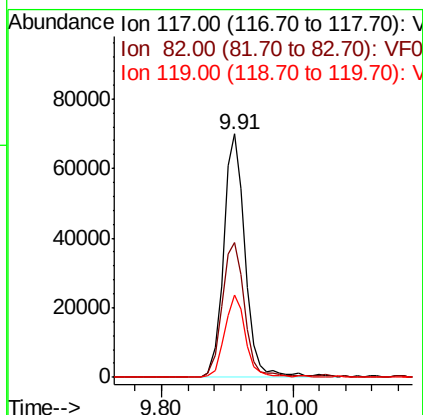
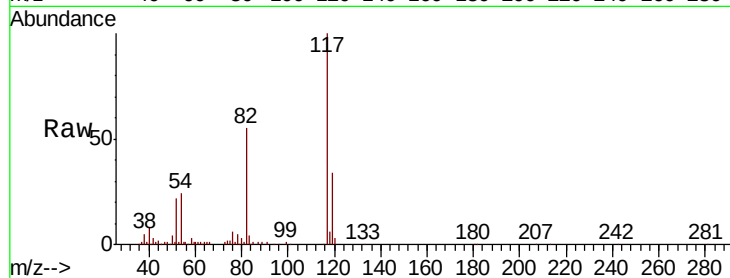




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.00 min
Lab File: VF060319.D
Acq: 21 Sep 2018 18:24

Instrument :
MSVOA_F
ClientSampleId :
PL-02-0920-18-BRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	46.2	69.2
119	33.6	27.8	41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060319.D
Acq: 21 Sep 2018 18:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	32.6	97.8
150	165.5	0.0	314.2

