

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102618\
 Data File : VF060522.D
 Acq On : 26 Oct 2018 17:57
 Operator : VA/AP
 Sample : J5515-19
 Misc : 6.07/5mL/MSVOA F/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AOC1-01B

Quant Time: Oct 27 03:31:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 02:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	306600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	503397	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	415875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	243488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	224522	36.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.68%	
35) Dibromofluoromethane	4.29	113	233659	38.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.44%	
50) Toluene-d8	7.71	98	486244	40.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.30%	
62) 4-Bromofluorobenzene	11.51	95	235780	34.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.92%	

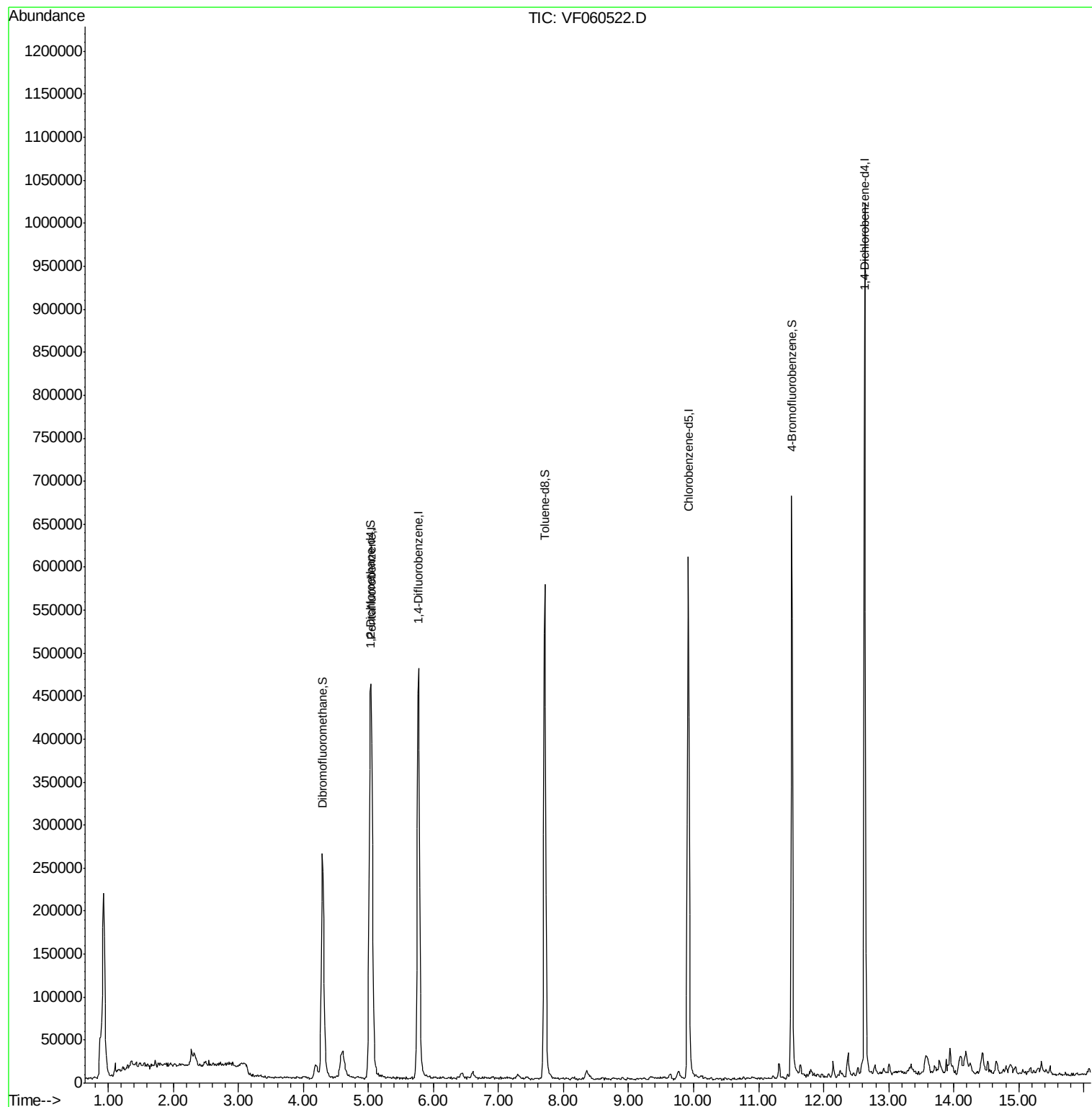
Target Compounds	Qvalue

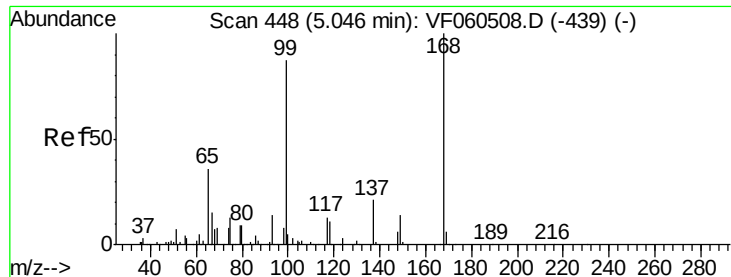
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 447

Delta R.T. -0.01 min

Lab File: VF060522.D

Acq: 26 Oct 2018 17:57

Instrument :

MSVOA_F

ClientSampleId :

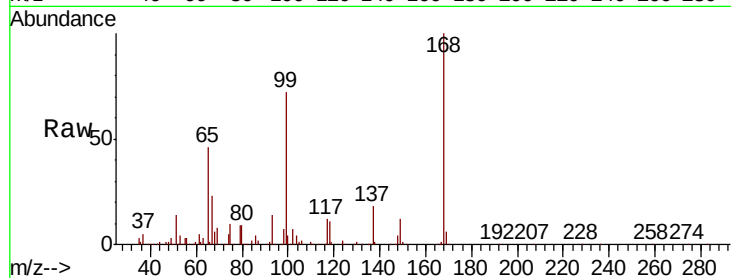
AOC1-01B

Tot Ion:168 Resp: 306600

Ion Ratio Lower Upper

168 100

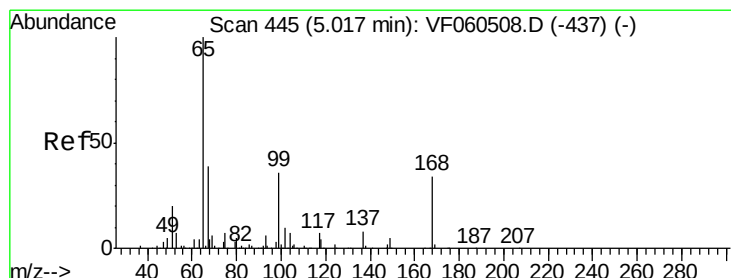
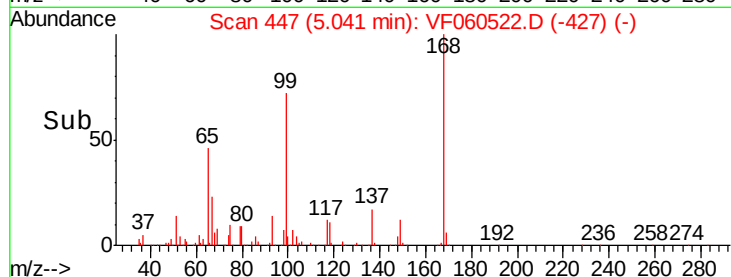
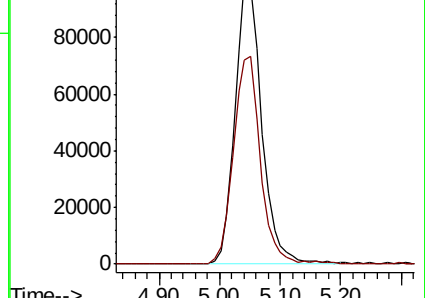
99 71.9 69.9 104.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04



#33

1,2-Dichloroethane-d4

Concen: 36.844 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060522.D

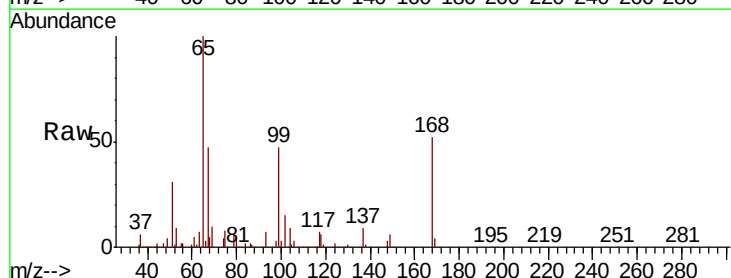
Acq: 26 Oct 2018 17:57

Tgt Ion: 65 Resp: 224522

Ion Ratio Lower Upper

65 100

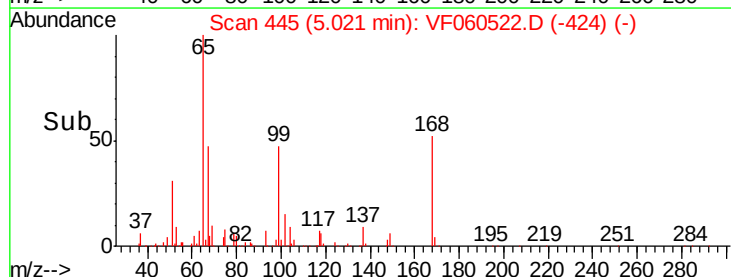
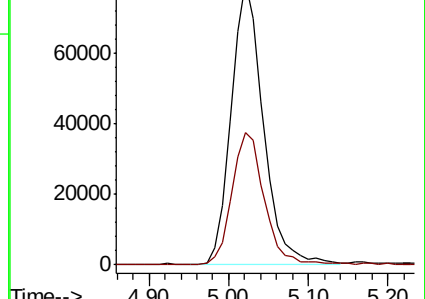
67 46.9 0.0 85.8

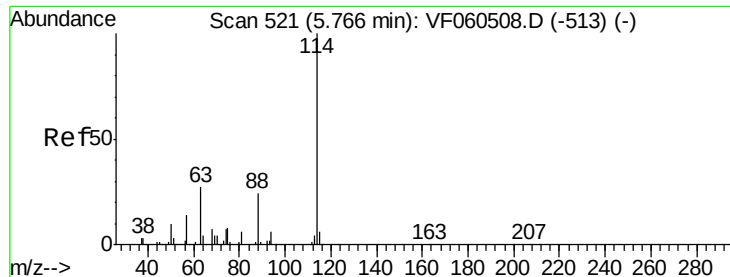


Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

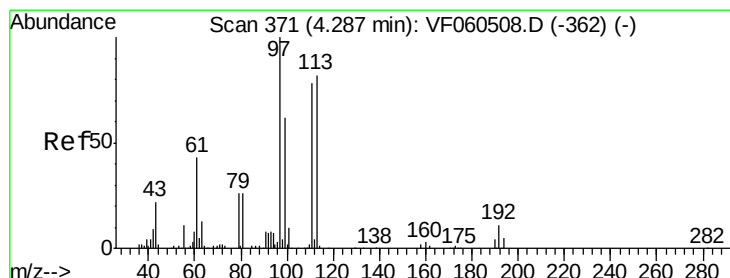
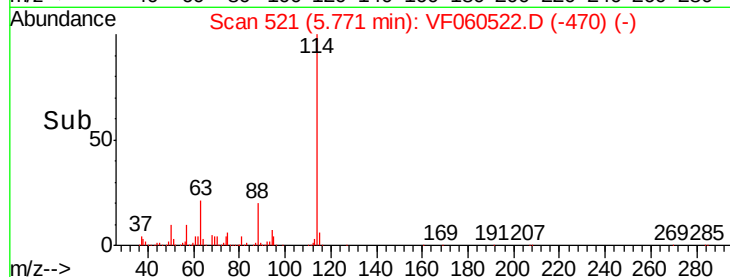
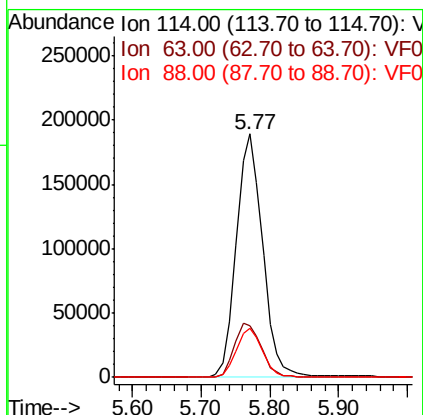
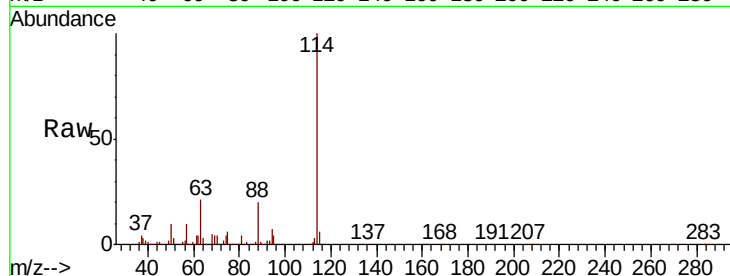




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: VF060522.D
 Acq: 26 Oct 2018 17:57

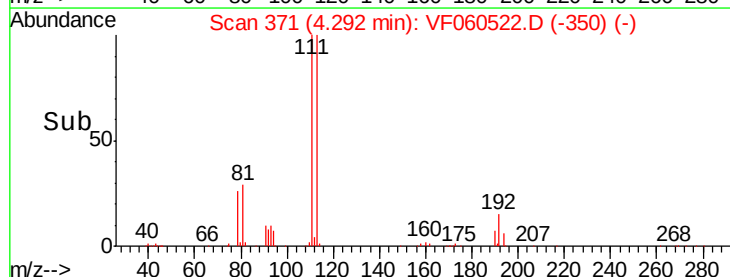
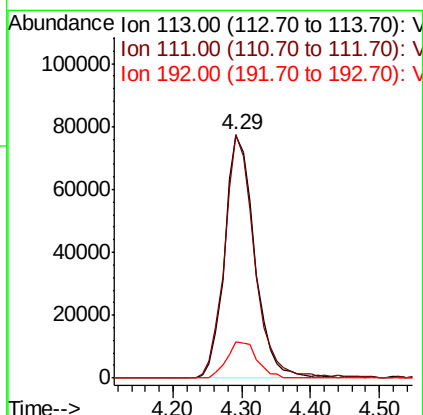
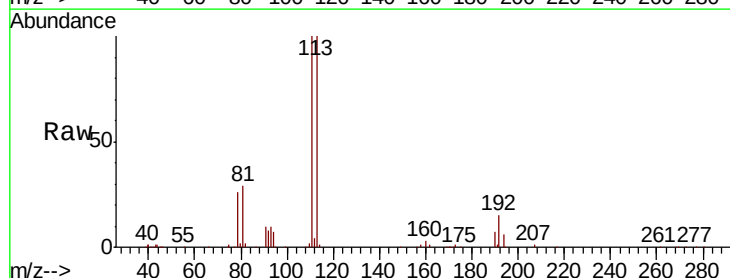
Instrument :
 MSVOA_F
 ClientSampleId :
 AOC1-01B

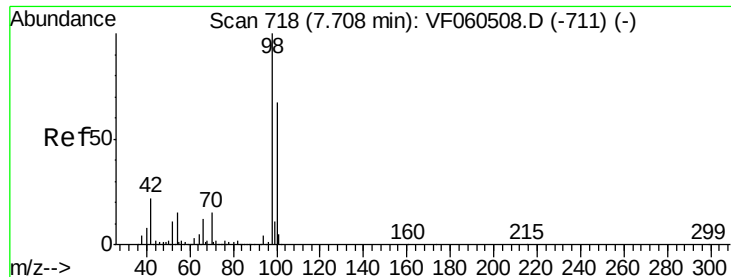
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	54.4
88	19.9	0.0	47.2



#35
 Dibromofluoromethane
 Concen: 38.723 ug/l
 RT: 4.29 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VF060522.D
 Acq: 26 Oct 2018 17:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.3	75.9	113.9
192	15.0	10.6	15.8

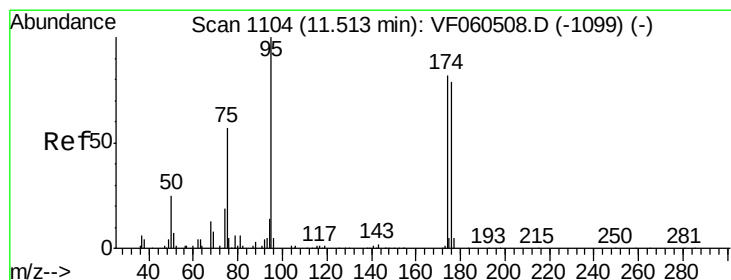
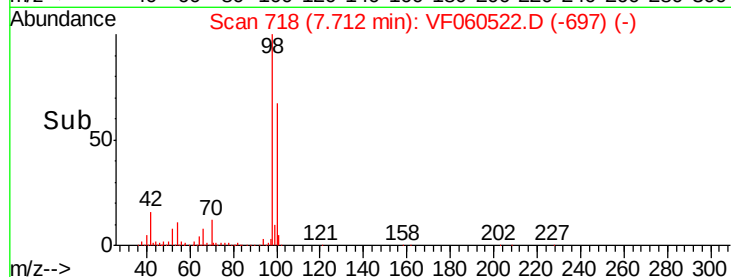
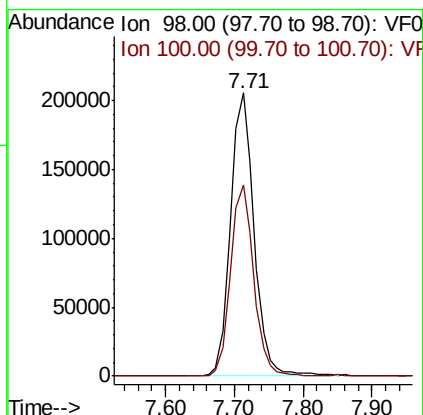
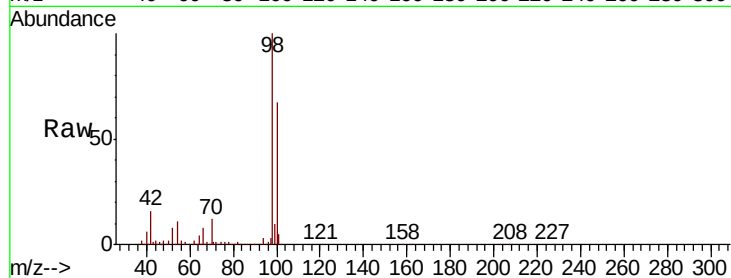




#50
Toluene-d8
Concen: 40.154 ug/l
RT: 7.71 min Scan# 718
Delta R.T. 0.00 min
Lab File: VF060522.D
Acq: 26 Oct 2018 17:57

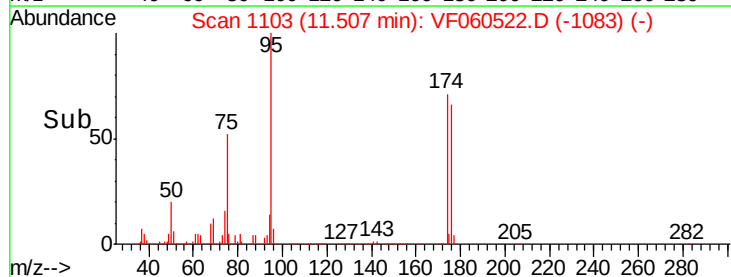
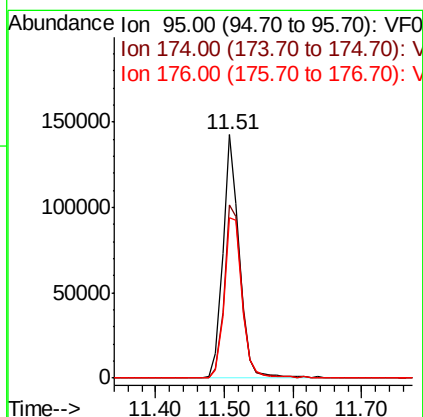
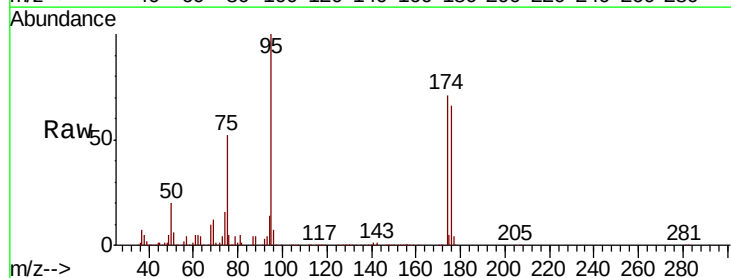
Instrument :
MSVOA_F
ClientSampleId :
AOC1-01B

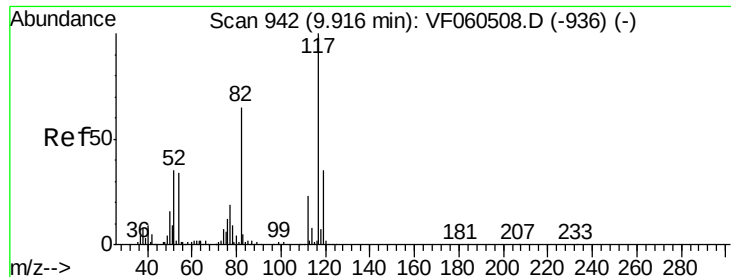
Tot Ion: 98 Resp: 486244
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 34.959 ug/l
RT: 11.51 min Scan# 1103
Delta R.T. -0.01 min
Lab File: VF060522.D
Acq: 26 Oct 2018 17:57

Tgt Ion: 95 Resp: 235780
Ion Ratio Lower Upper
95 100
174 71.0 0.0 164.2
176 66.1 0.0 158.4

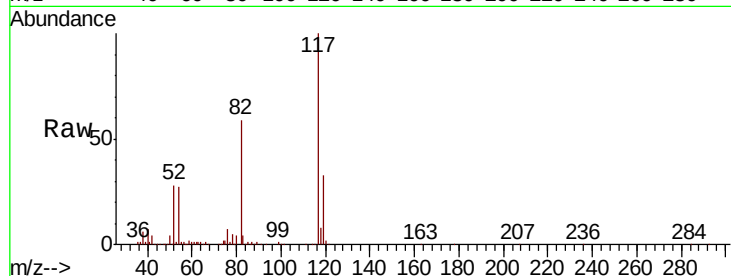




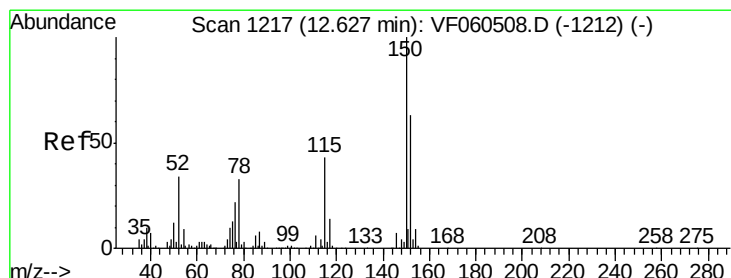
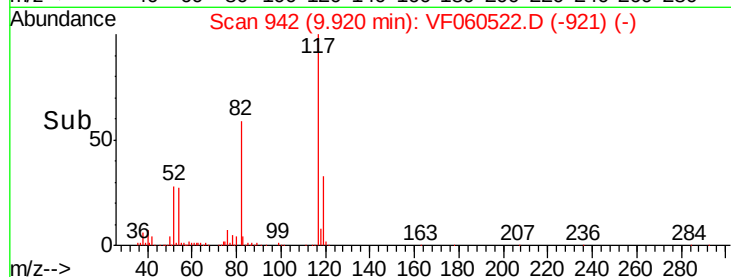
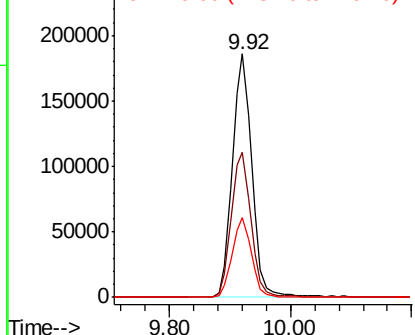
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 942
Delta R.T. 0.00 min
Lab File: VF060522.D
Acq: 26 Oct 2018 17:57

Instrument :
MSVOA_F
ClientSampleId :
AOC1-01B

Tot Ion:117 Resp: 415875
Ion Ratio Lower Upper
117 100
82 59.4 51.7 77.5
119 32.9 28.3 42.5

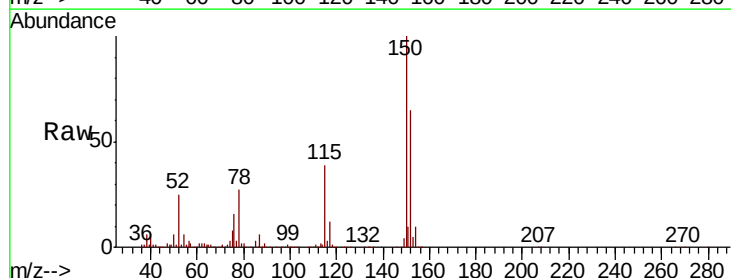


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060522.D
Acq: 26 Oct 2018 17:57

Tgt Ion:152 Resp: 243488
Ion Ratio Lower Upper
152 100
115 59.6 34.6 103.9
150 154.6 0.0 319.8



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

