

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061894.D
 Acq On : 11 Mar 2019 17:26
 Operator : VA/AP
 Sample : K1824-13
 Misc : 5.05/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P-1

Quant Time: Mar 12 05:49:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	245421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	382150	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	332728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	183048	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.84	65	111887	62.60	ug/l	0.00
Spiked Amount			Recovery	=	125.20%	
35) Dibromofluoromethane	4.11	113	169944	63.72	ug/l	0.00
Spiked Amount			Recovery	=	127.44%	
50) Toluene-d8	7.55	98	444431	56.07	ug/l	0.00
Spiked Amount			Recovery	=	112.14%	
62) 4-Bromofluorobenzene	11.41	95	180980	58.28	ug/l	0.00
Spiked Amount			Recovery	=	116.56%	

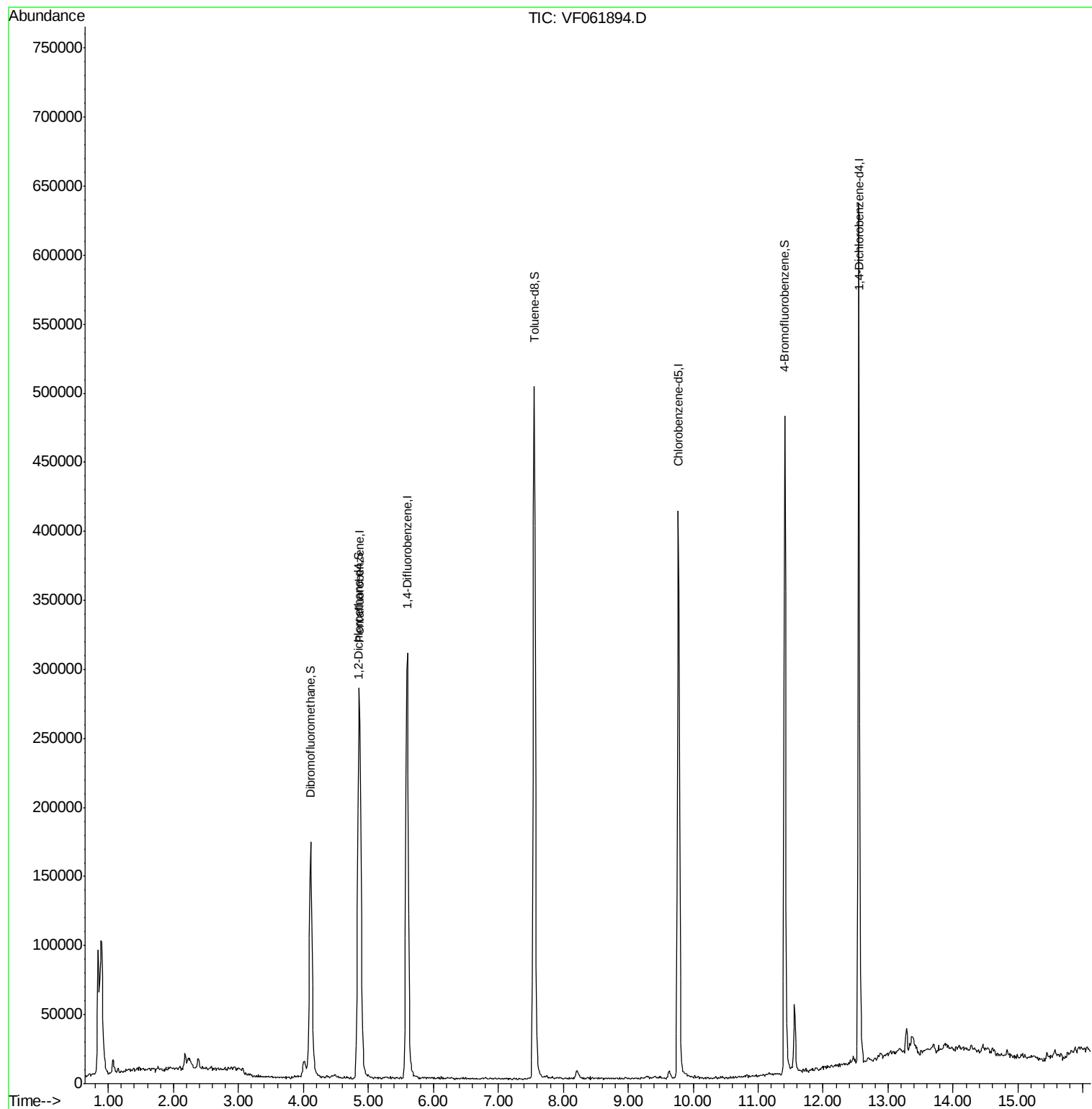
Target Compounds	Qvalue
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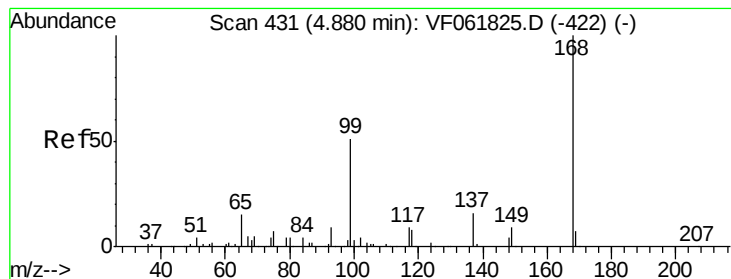
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061894.D

Acq: 11 Mar 2019 17:26

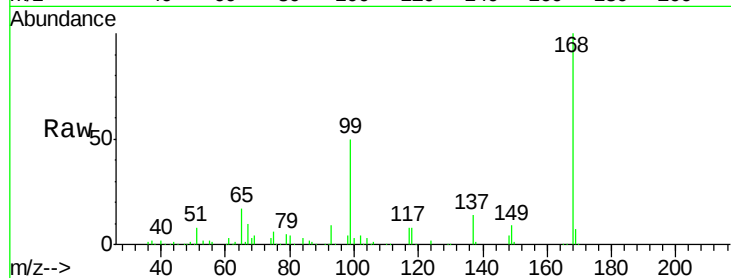
Instrument :
MSVOA_F
ClientSampleId :
P-1

Tot Ion:168 Resp: 245421

Ion Ratio Lower Upper

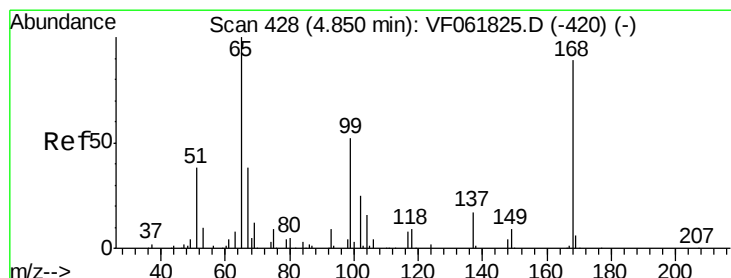
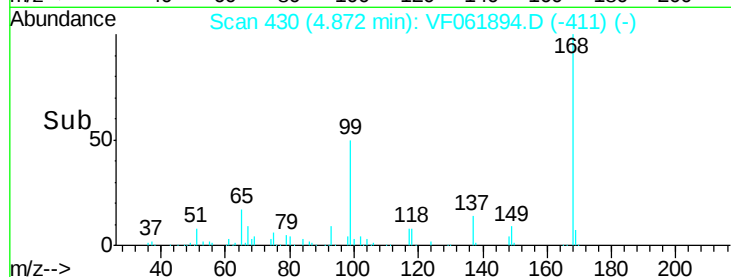
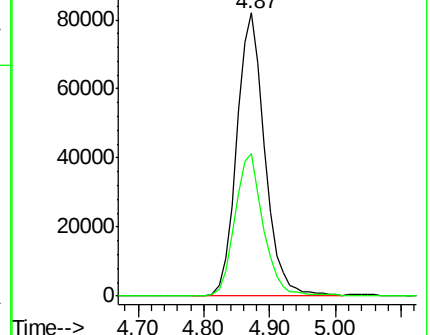
168 100

99 50.4 40.8 61.2



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: 62.602 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061894.D

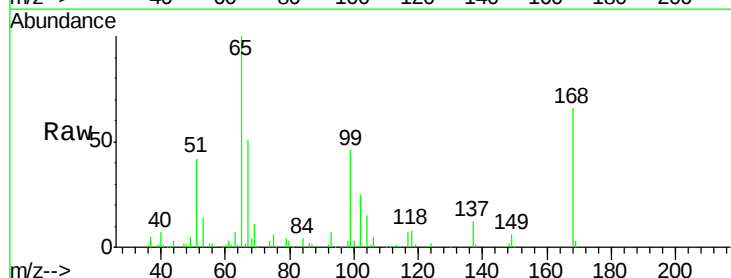
Acq: 11 Mar 2019 17:26

Tgt Ion: 65 Resp: 111887

Ion Ratio Lower Upper

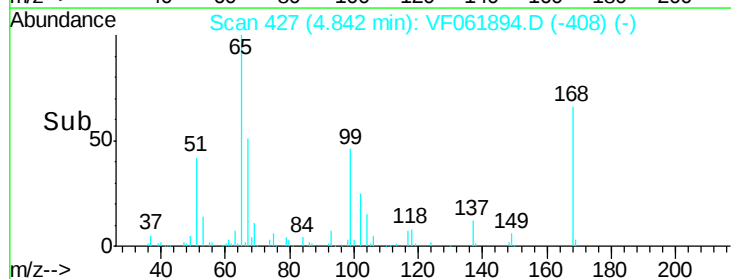
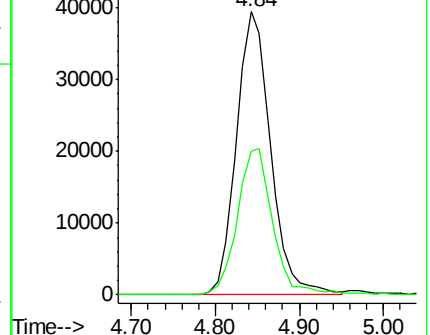
65 100

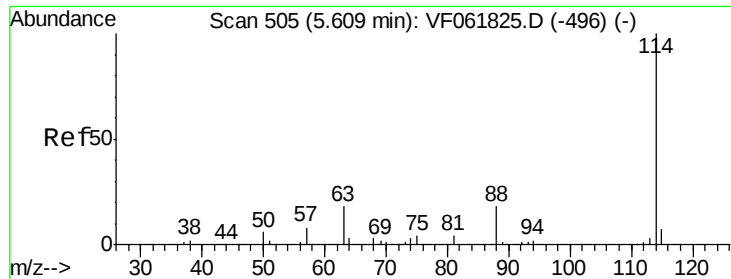
67 51.0 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

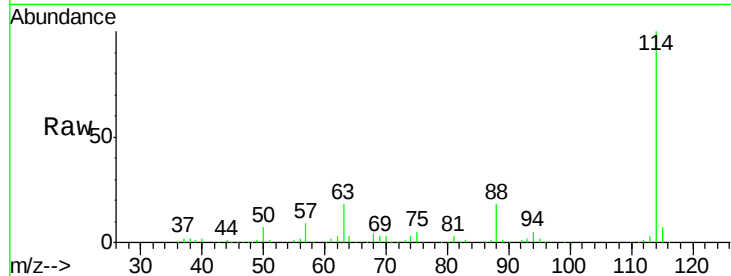




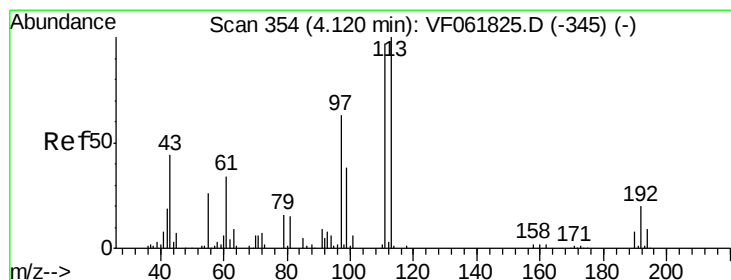
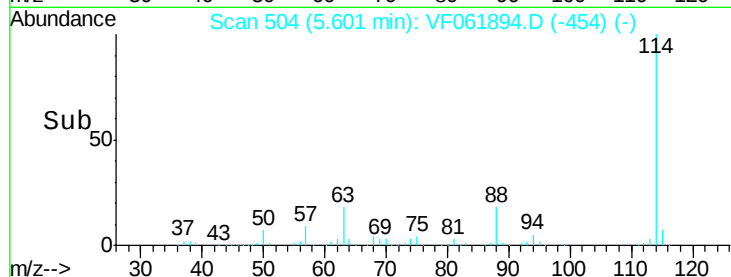
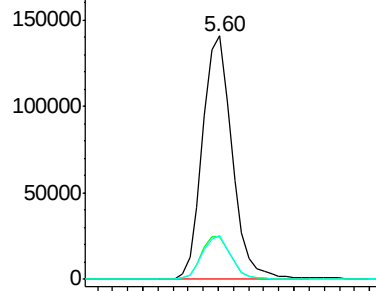
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF061894.D
 Acq: 11 Mar 2019 17:26

Instrument :
 MSVOA_F
 ClientSampleId :
 P-1

Tot Ion:114 Resp: 382150
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.6
 88 18.1 0.0 35.6

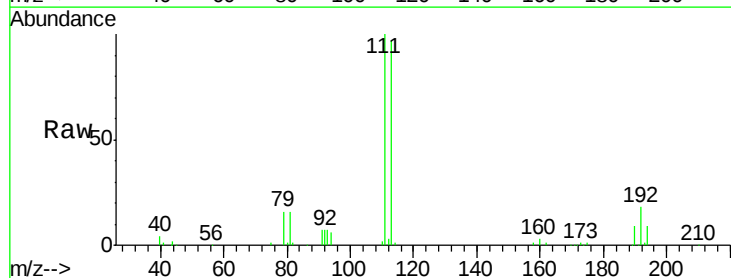


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

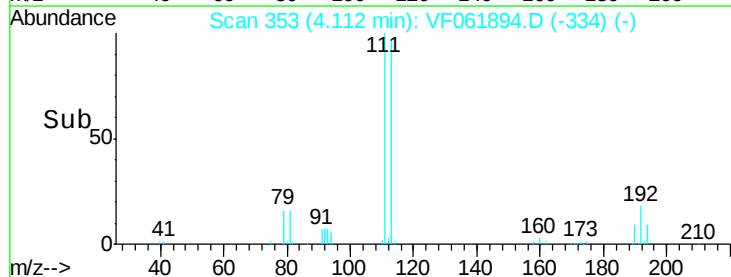
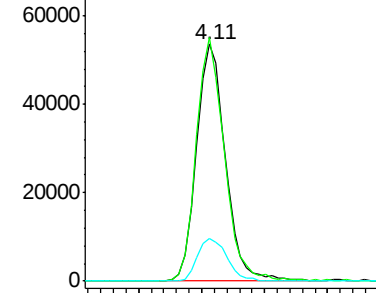


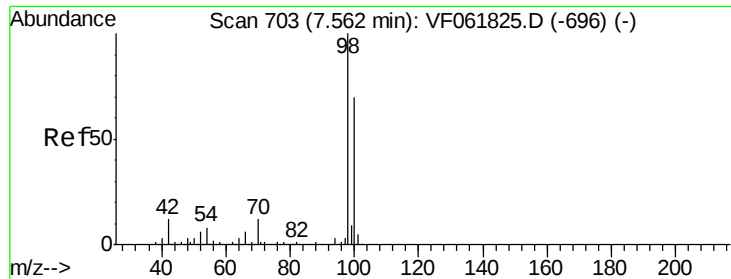
#35
 Dibromofluoromethane
 Concen: 63.723 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061894.D
 Acq: 11 Mar 2019 17:26

Tgt Ion:113 Resp: 169944
 Ion Ratio Lower Upper
 113 100
 111 102.8 77.6 116.4
 192 18.0 15.9 23.9



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: 56.067 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061894.D

Acq: 11 Mar 2019 17:26

Instrument :

MSVOA_F

ClientSampleId :

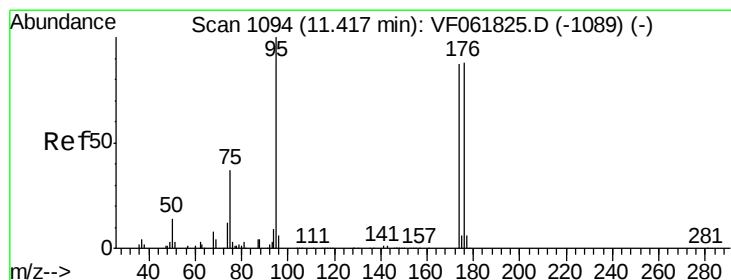
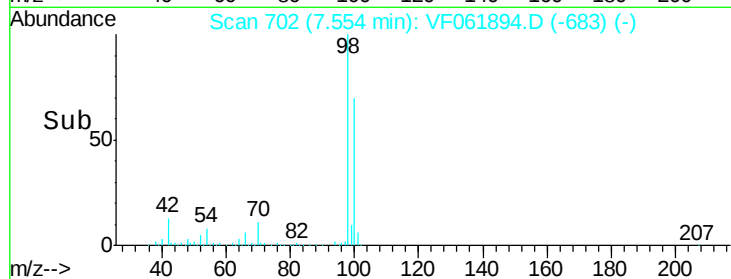
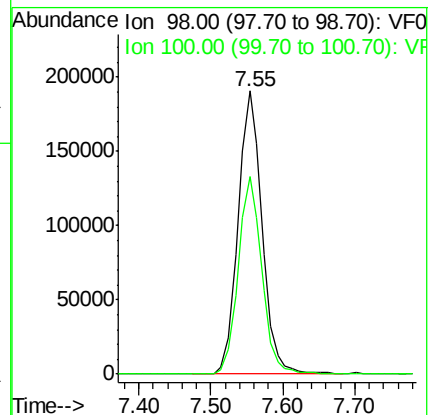
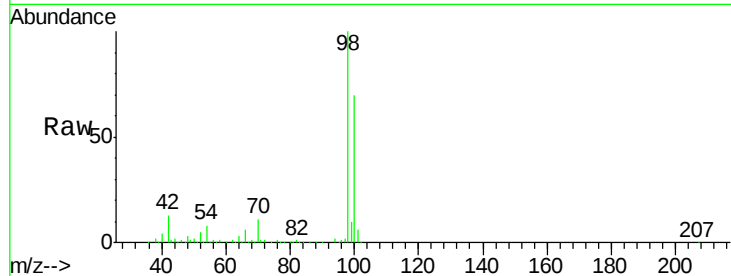
P-1

Tot Ion: 98 Resp: 444431

Ion Ratio Lower Upper

98 100

100 69.7 56.0 84.0



#62

4-Bromofluorobenzene

Concen: 58.284 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061894.D

Acq: 11 Mar 2019 17:26

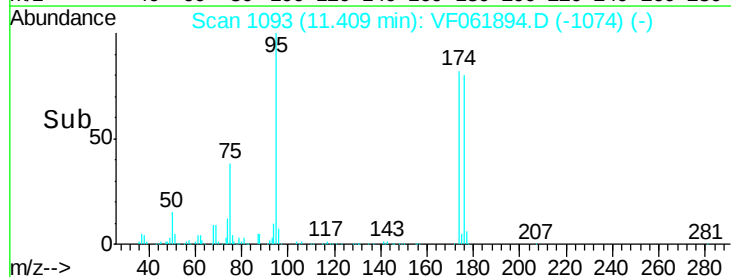
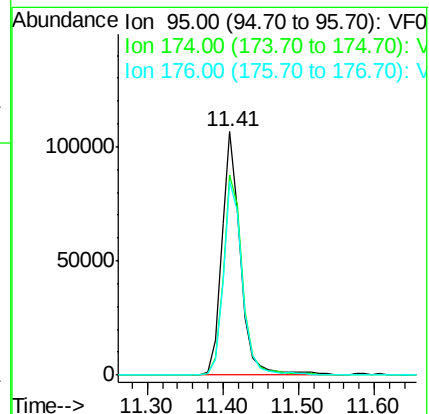
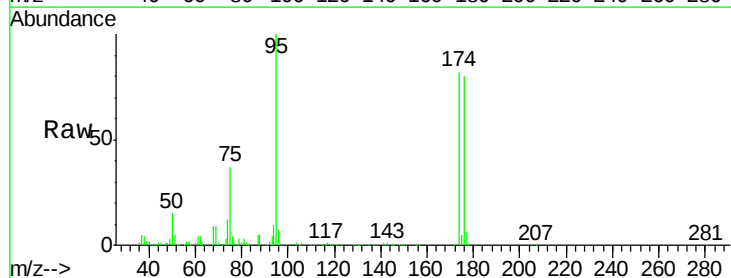
Tgt Ion: 95 Resp: 180980

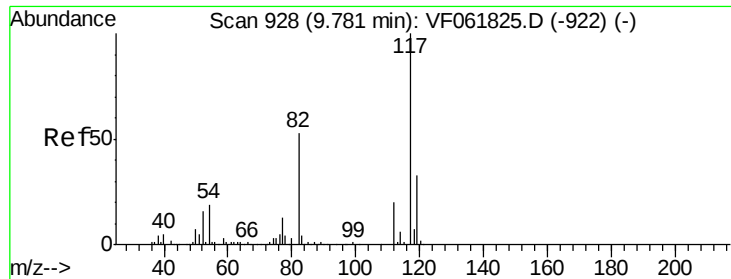
Ion Ratio Lower Upper

95 100

174 82.2 0.0 174.0

176 79.7 0.0 175.2

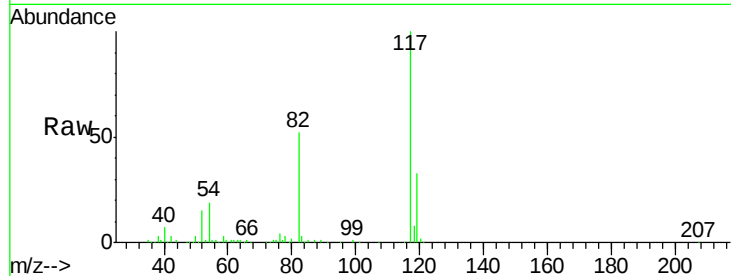




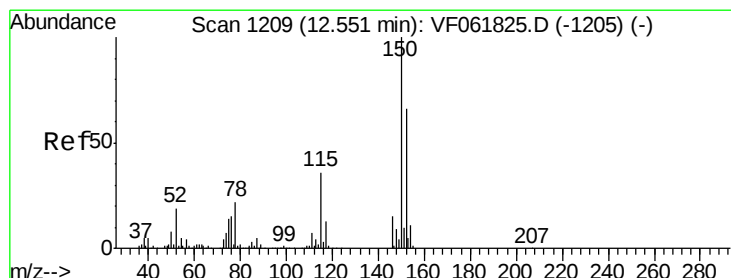
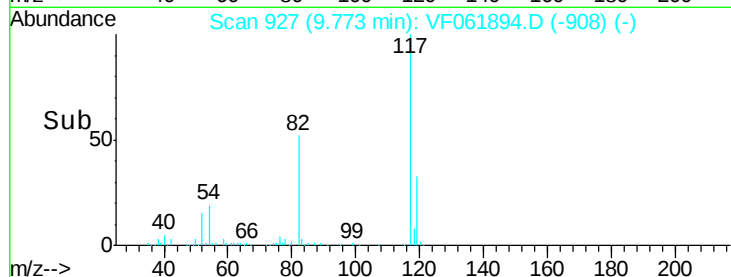
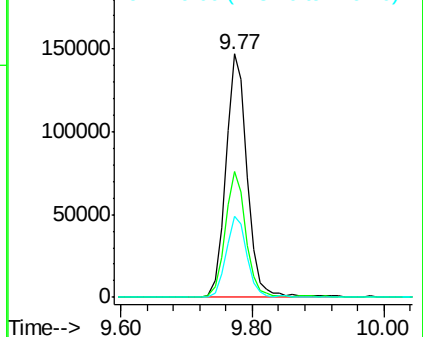
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061894.D
Acq: 11 Mar 2019 17:26

Instrument :
MSVOA_F
ClientSampleId :
P-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.6	63.8
119	33.2	26.0	39.0

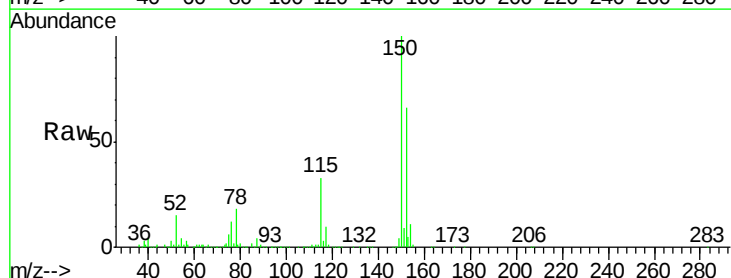


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061894.D
Acq: 11 Mar 2019 17:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.0	27.7	83.1
150	151.5	0.0	304.2



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

