

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061891.D
 Acq On : 11 Mar 2019 16:00
 Operator : VA/AP
 Sample : K1824-07
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-27

Quant Time: Mar 12 05:46:23 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	251218	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	400401	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	329936	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	197359	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	117801	64.39	ug/l	-0.01
Spiked Amount			Recovery	=	128.78%	
35) Dibromofluoromethane	4.11	113	165870	59.36	ug/l	-0.01
Spiked Amount			Recovery	=	118.72%	
50) Toluene-d8	7.55	98	412476	49.66	ug/l	-0.01
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.41	95	174160	53.53	ug/l	-0.01
Spiked Amount			Recovery	=	107.06%	

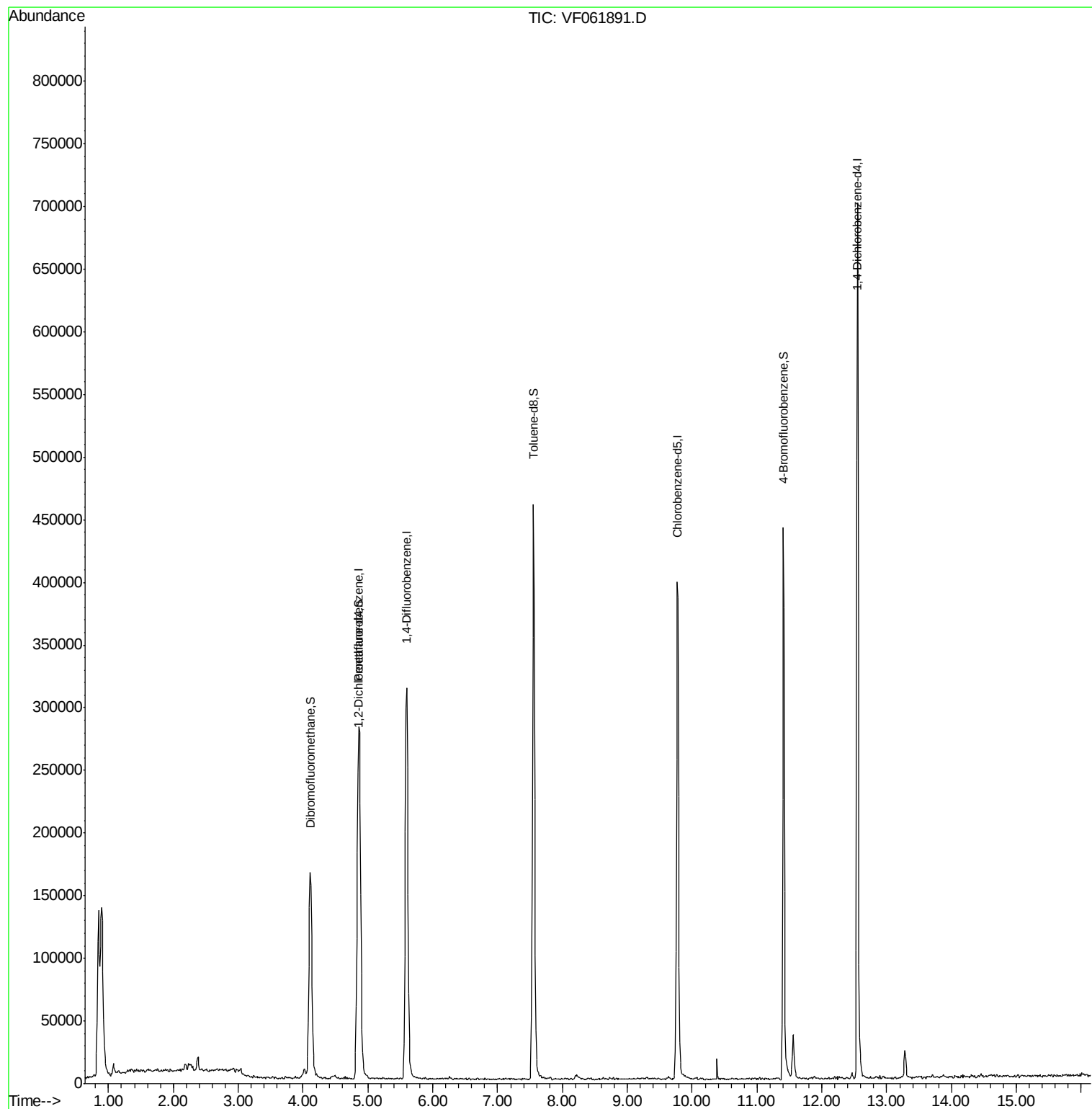
Target Compounds	Qvalue
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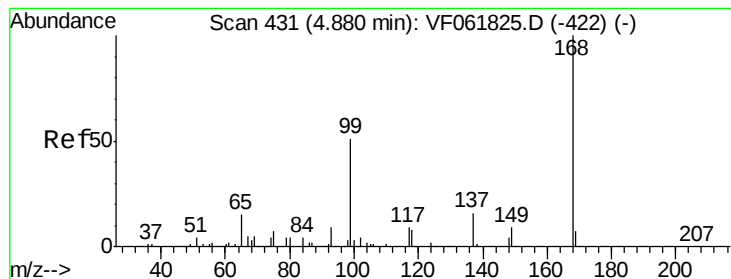
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061891.D

Acq: 11 Mar 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

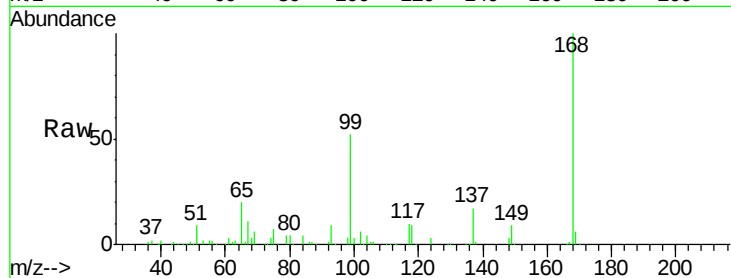
TP-27

Tot Ion:168 Resp: 251218

Ion Ratio Lower Upper

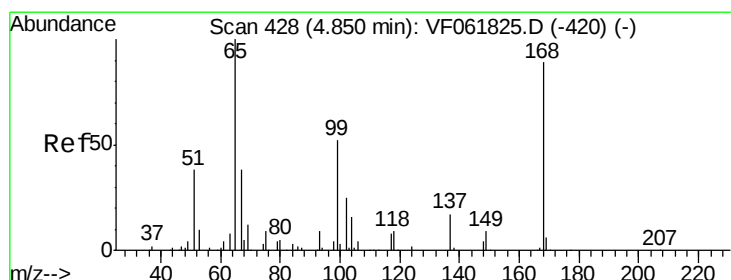
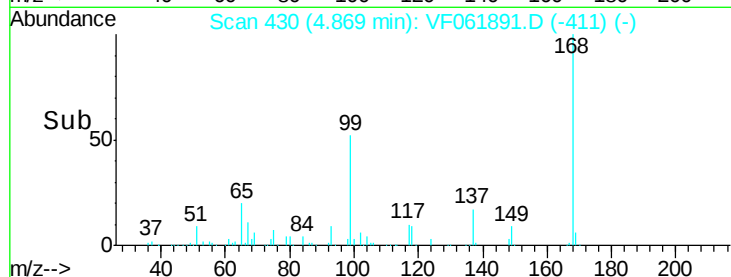
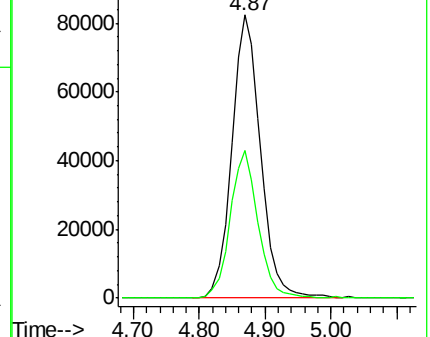
168 100

99 52.4 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: 64.390 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061891.D

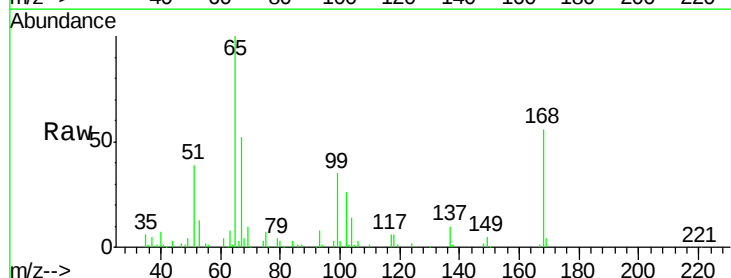
Acq: 11 Mar 2019 16:00

Tgt Ion: 65 Resp: 117801

Ion Ratio Lower Upper

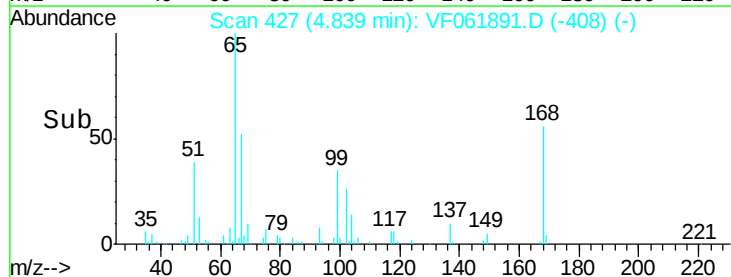
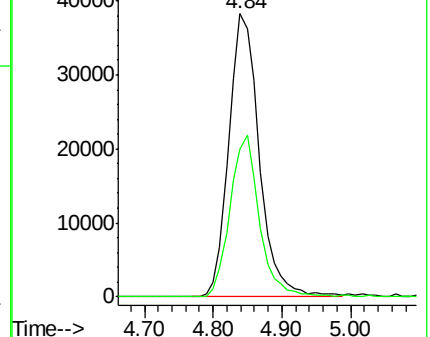
65 100

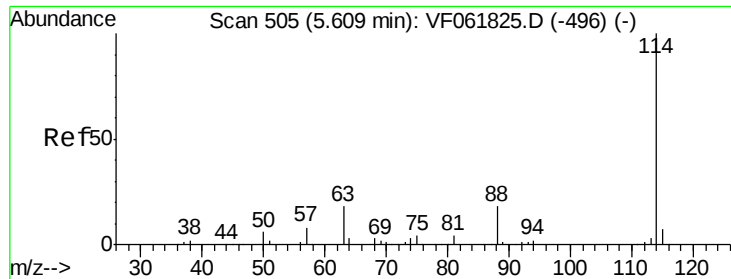
67 52.3 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

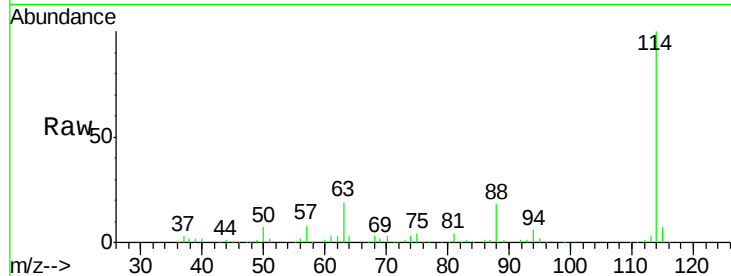




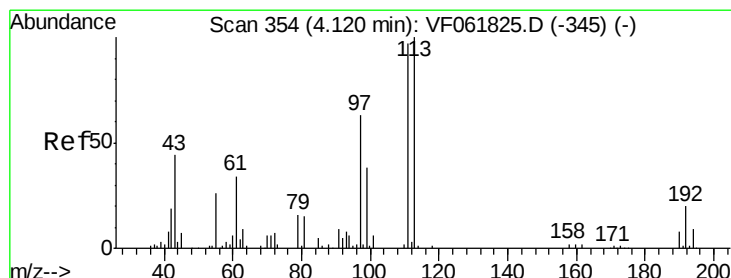
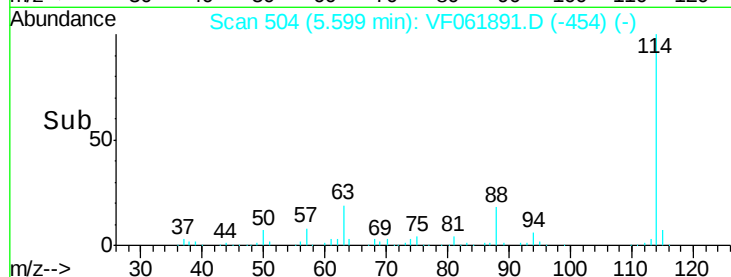
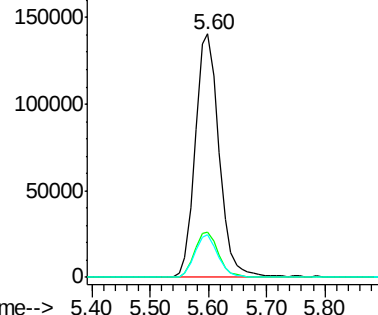
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.01 min
Lab File: VF061891.D
Acq: 11 Mar 2019 16:00

Instrument :
MSVOA_F
ClientSampleId :
TP-27

Tot Ion:114 Resp: 400401
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.6
88 17.6 0.0 35.6

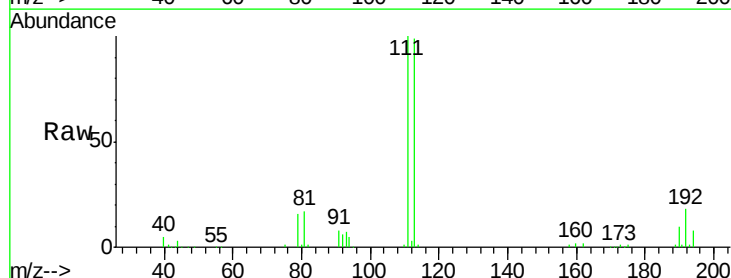


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

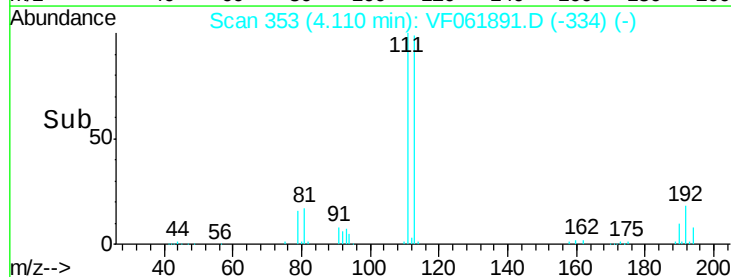
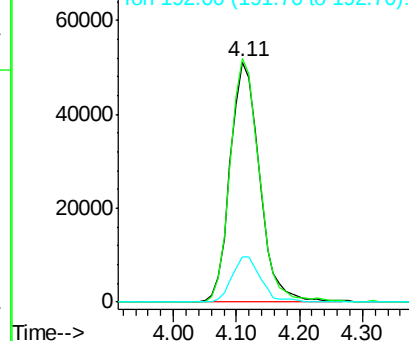


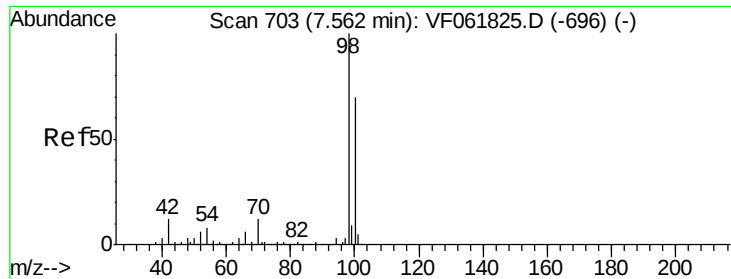
#35
Dibromofluoromethane
Concen: 59.361 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061891.D
Acq: 11 Mar 2019 16:00

Tgt Ion:113 Resp: 165870
Ion Ratio Lower Upper
113 100
111 101.5 77.6 116.4
192 19.4 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: 49.663 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061891.D

Acq: 11 Mar 2019 16:00

Instrument :

MSVOA_F

ClientSampleId :

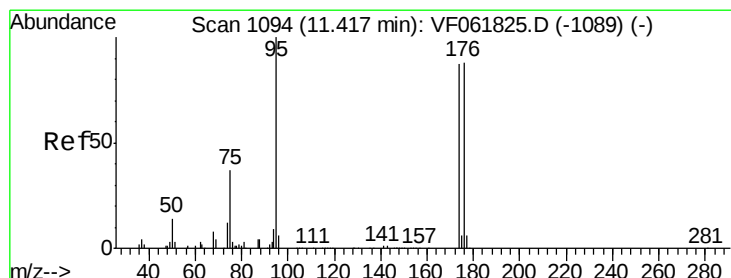
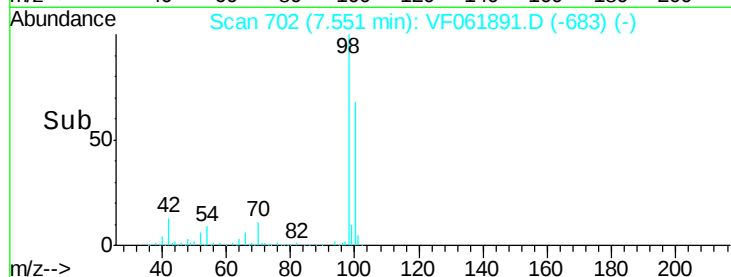
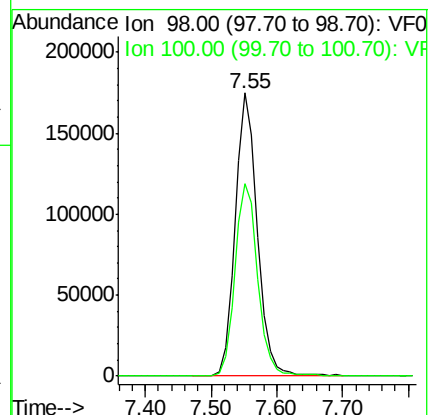
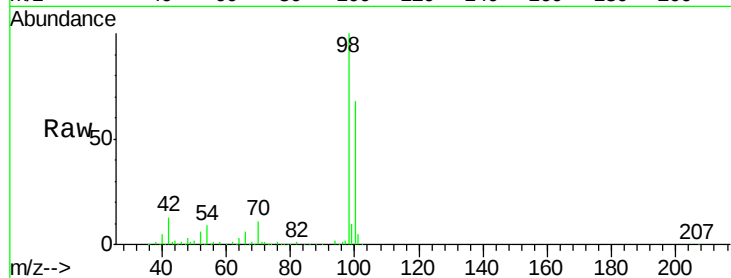
TP-27

Tot Ion: 98 Resp: 412476

Ion Ratio Lower Upper

98 100

100 68.2 56.0 84.0



#62

4-Bromofluorobenzene

Concen: 53.531 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061891.D

Acq: 11 Mar 2019 16:00

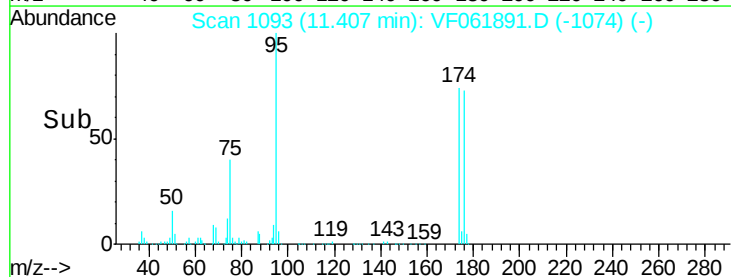
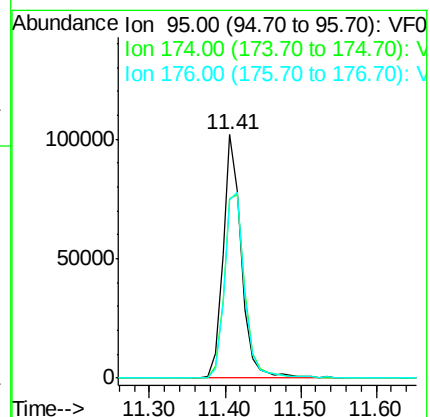
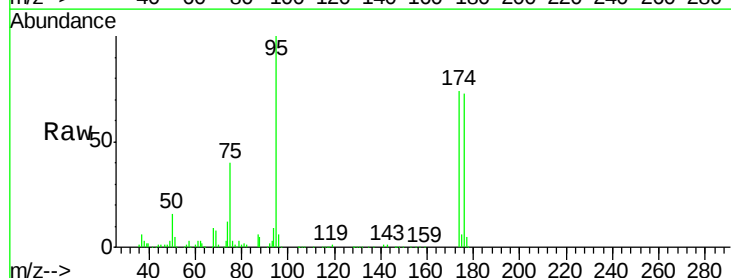
Tgt Ion: 95 Resp: 174160

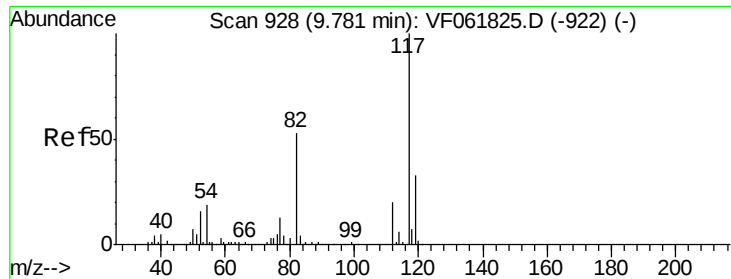
Ion Ratio Lower Upper

95 100

174 73.7 0.0 174.0

176 73.0 0.0 175.2

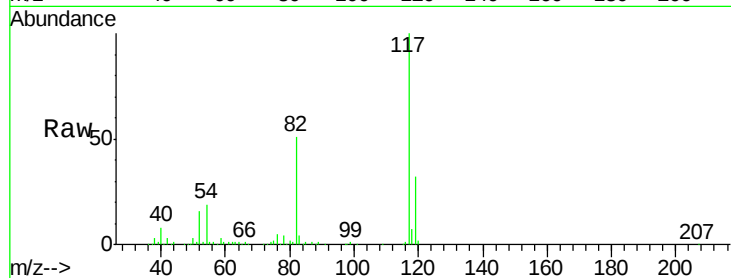




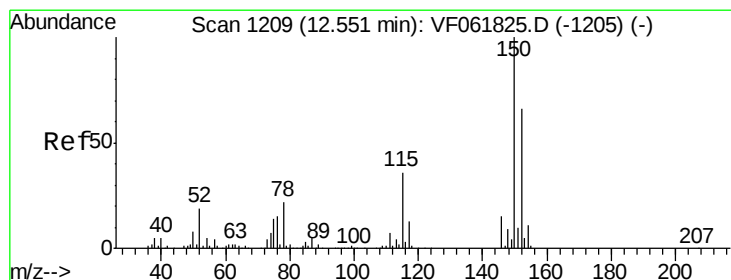
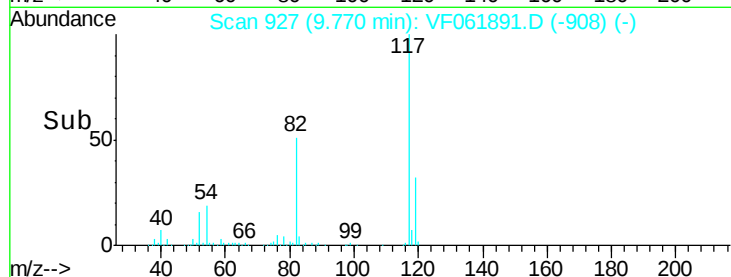
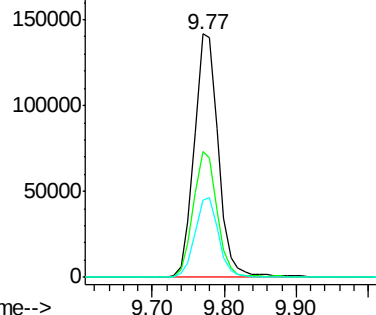
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061891.D
Acq: 11 Mar 2019 16:00

Instrument :
MSVOA_F
ClientSampleId :
TP-27

Tot Ion:117 Resp: 329936
Ion Ratio Lower Upper
117 100
82 51.5 42.6 63.8
119 31.6 26.0 39.0

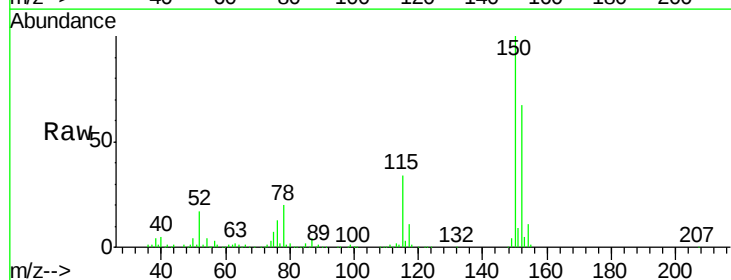


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.00 min
Lab File: VF061891.D
Acq: 11 Mar 2019 16:00

Tgt Ion:152 Resp: 197359
Ion Ratio Lower Upper
152 100
115 50.5 27.7 83.1
150 148.7 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

