

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061865.D
 Acq On : 8 Mar 2019 16:23
 Operator : VA/AP
 Sample : K1807-01
 Misc : 5.08g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 09 02:15:58 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	4.85	168	202441	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	324617	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	288186	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	169634	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	96621	65.54	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	131.08%	
35) Dibromofluoromethane	4.10	113	129177	57.02	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	114.04%	
50) Toluene-d8	7.54	98	340932	50.63	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.39	95	149606	56.72	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	113.44%	

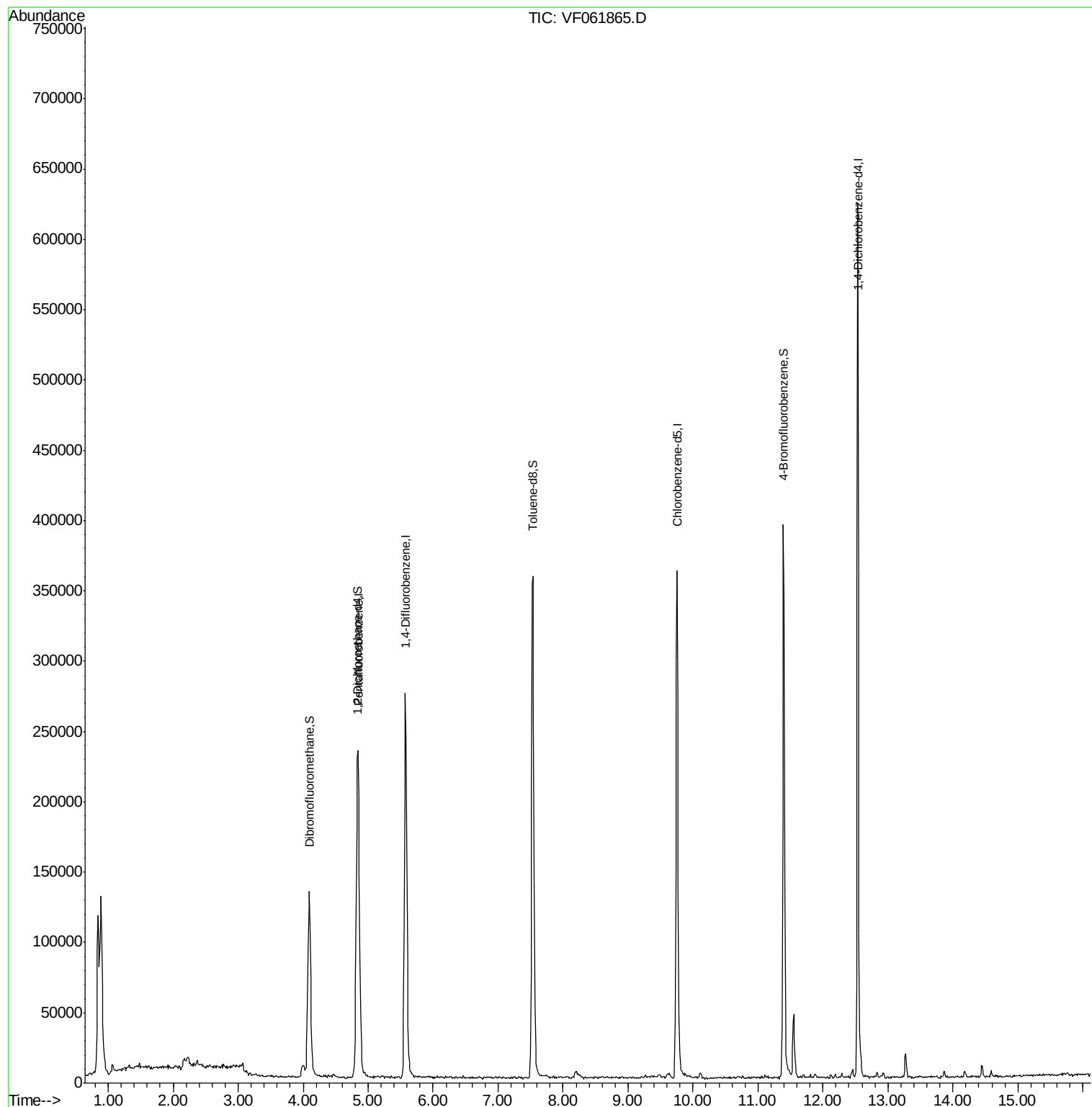
Target Compounds	Qvalue
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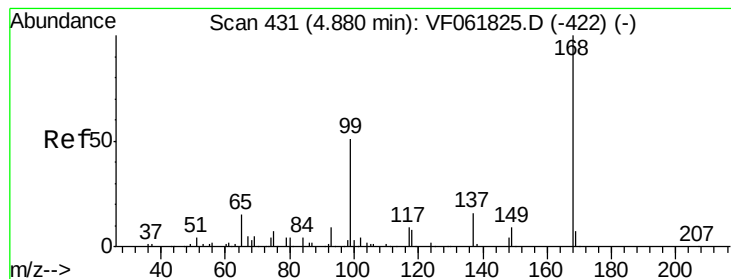
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061865.D

Acq: 8 Mar 2019 16:23

Instrument :

MSVOA_F

ClientSampled :

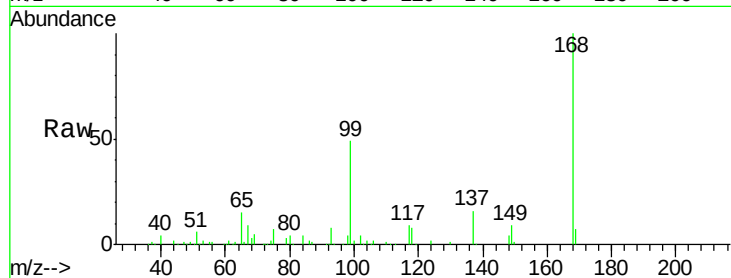
TP-1

Tot Ion:168 Resp: 202441

Ion Ratio Lower Upper

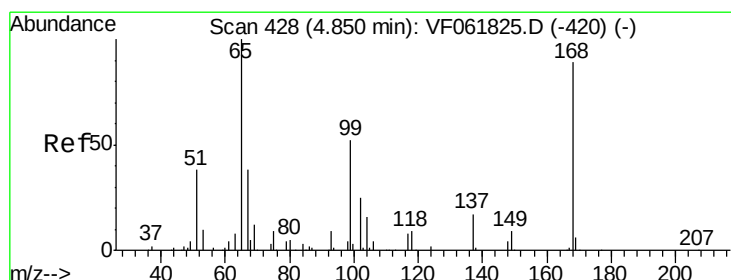
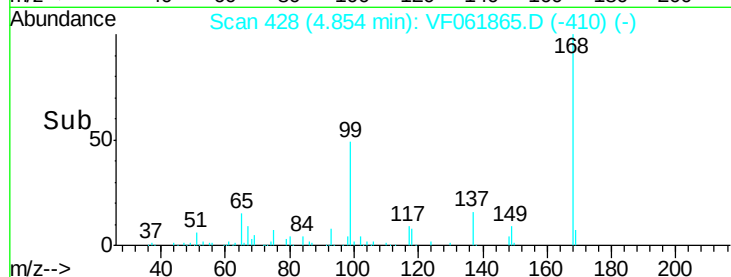
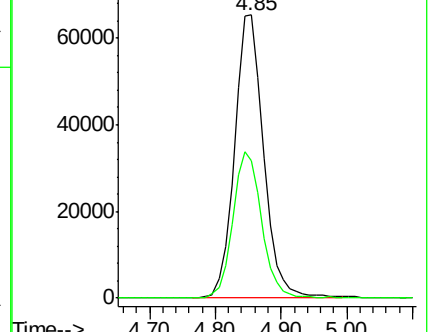
168 100

99 48.6 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: 65.538 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.03 min

Lab File: VF061865.D

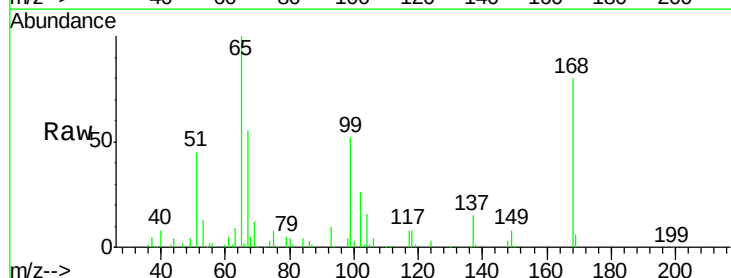
Acq: 8 Mar 2019 16:23

Tgt Ion: 65 Resp: 96621

Ion Ratio Lower Upper

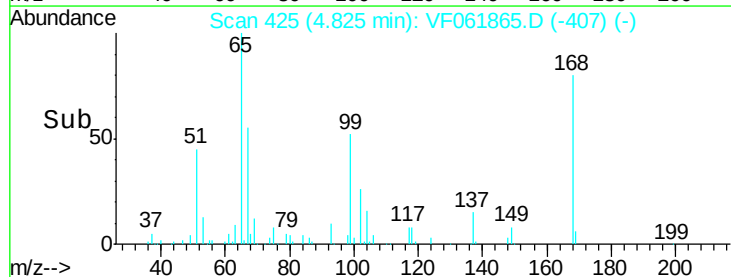
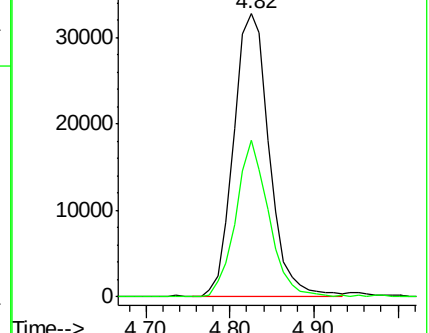
65 100

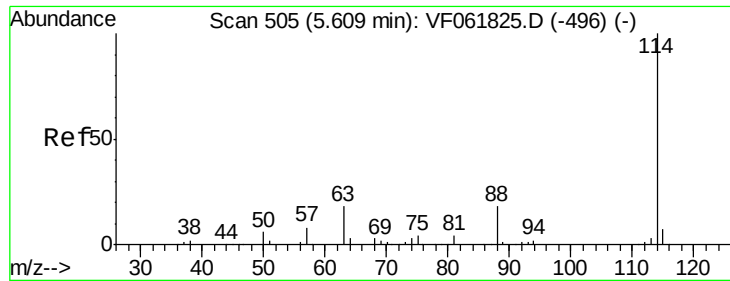
67 55.3 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

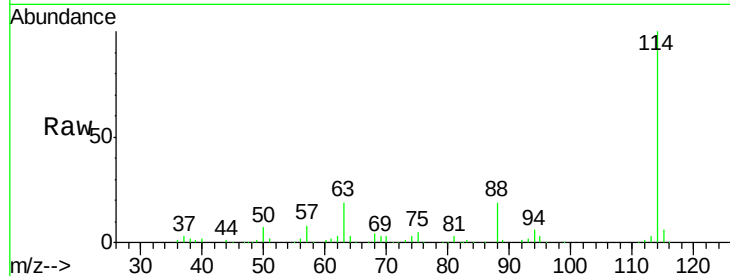




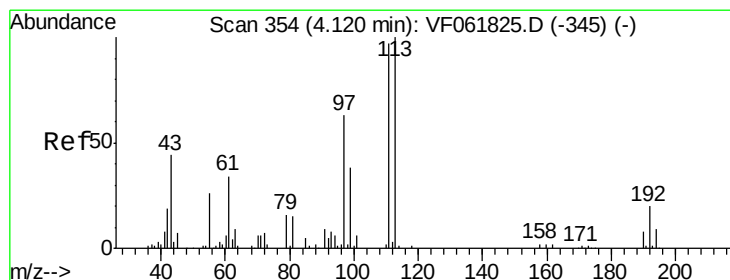
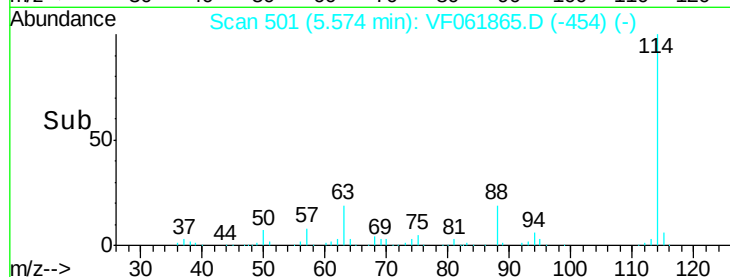
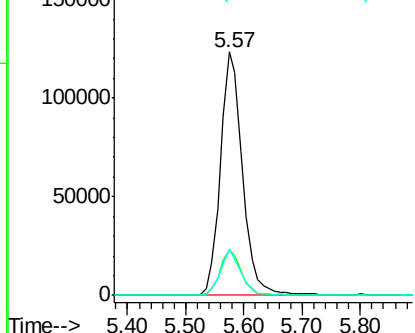
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.57 min Scan# 501
 Delta R.T. -0.04 min
 Lab File: VF061865.D
 Acq: 8 Mar 2019 16:23

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1

Tot Ion:114 Resp: 324617
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.6
 88 19.0 0.0 35.6

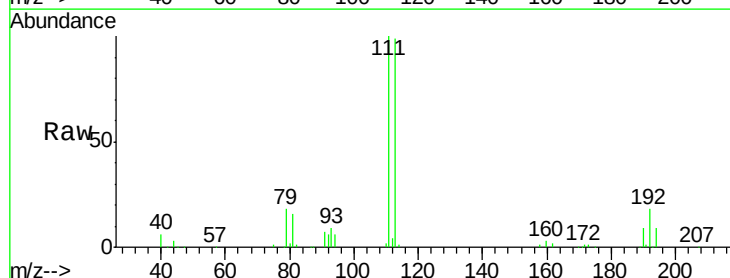


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

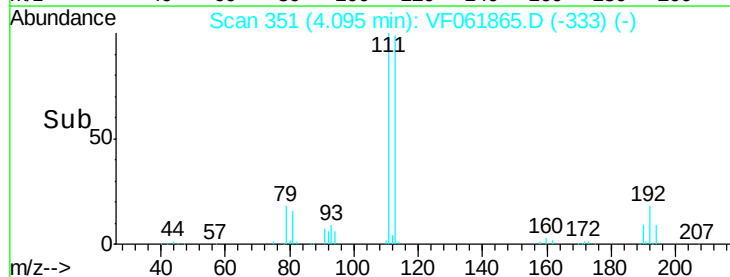
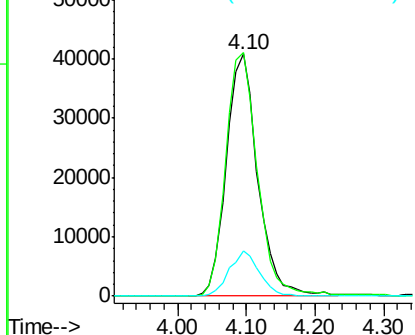


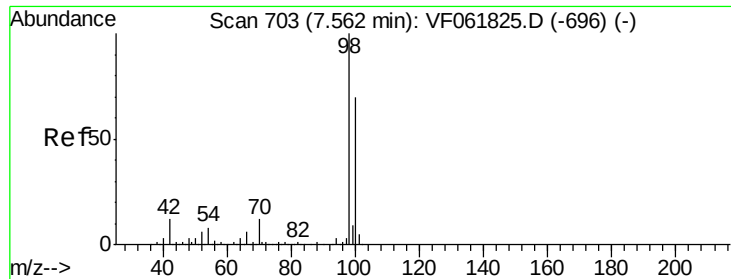
#35
 Dibromofluoromethane
 Concen: 57.022 ug/l
 RT: 4.10 min Scan# 351
 Delta R.T. -0.03 min
 Lab File: VF061865.D
 Acq: 8 Mar 2019 16:23

Tgt Ion:113 Resp: 129177
 Ion Ratio Lower Upper
 113 100
 111 100.6 77.6 116.4
 192 19.0 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

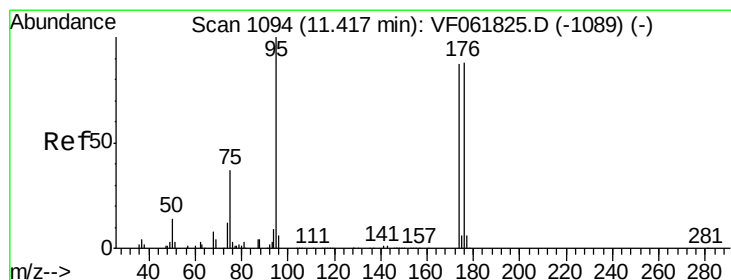
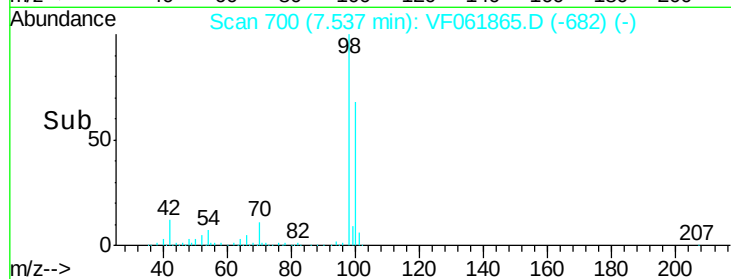
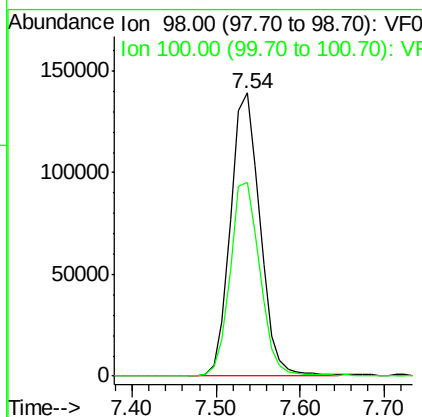
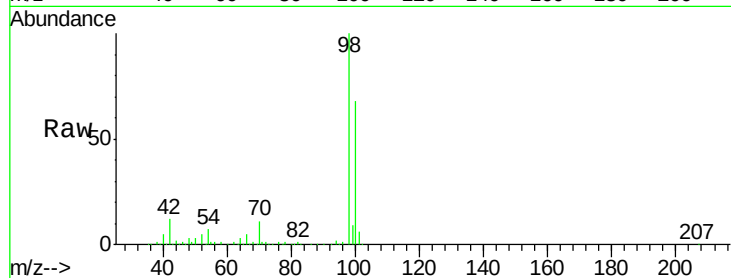




#50
Toluene-d8
Concen: 50.633 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061865.D
Acq: 8 Mar 2019 16:23

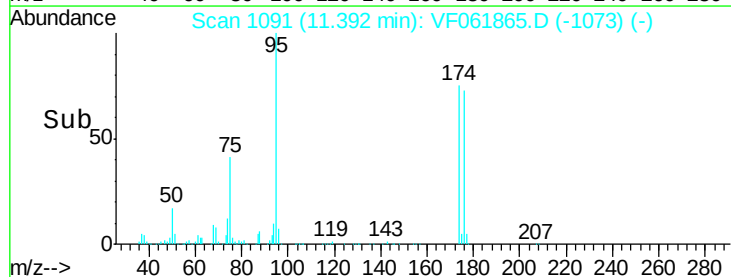
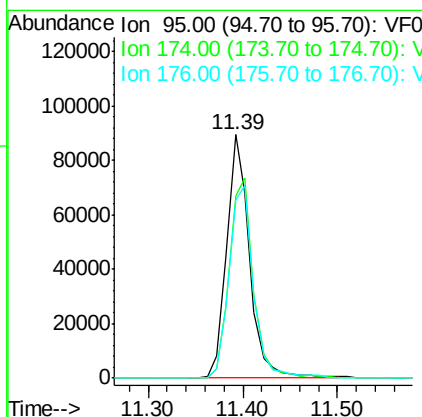
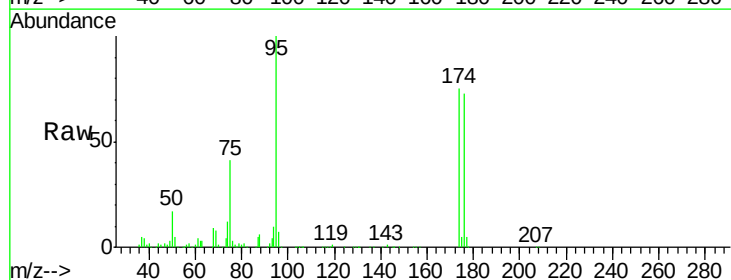
Instrument :
MSVOA_F
ClientSampleId :
TP-1

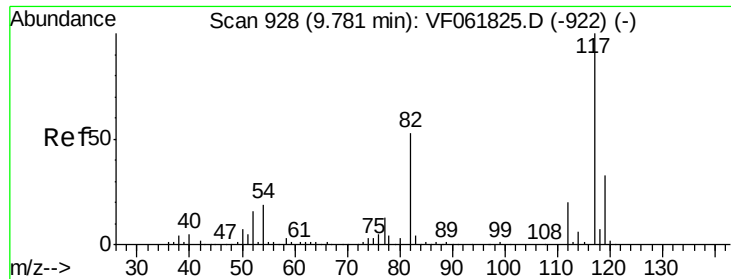
Tot Ion: 98 Resp: 340932
Ion Ratio Lower Upper
98 100
100 68.3 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 56.719 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.03 min
Lab File: VF061865.D
Acq: 8 Mar 2019 16:23

Tgt Ion: 95 Resp: 149606
Ion Ratio Lower Upper
95 100
174 74.8 0.0 174.0
176 73.3 0.0 175.2

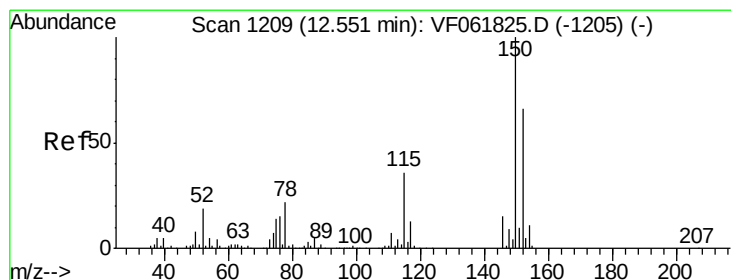
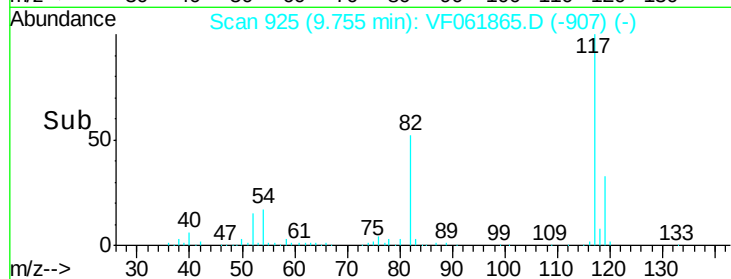
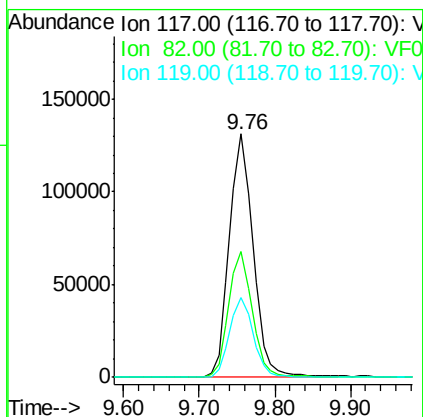
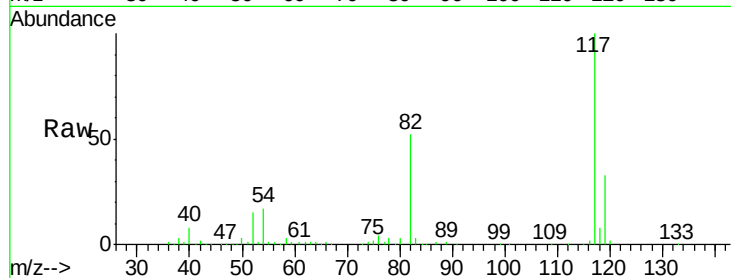




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061865.D
Acq: 8 Mar 2019 16:23

Instrument :
MSVOA_F
ClientSampleId :
TP-1

Tot Ion:117 Resp: 288186
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061865.D
Acq: 8 Mar 2019 16:23

Tgt Ion:152 Resp: 169634
Ion Ratio Lower Upper
152 100
115 53.2 27.7 83.1
150 154.9 0.0 304.2

