

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061866.D
 Acq On : 8 Mar 2019 16:52
 Operator : VA/AP
 Sample : K1807-03
 Misc : 5.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 09 02:21:26 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	205646	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	318352	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	275969	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	155457	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	88988	59.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	118.84%	
35) Dibromofluoromethane	4.09	113	132203	59.51	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	119.02%	
50) Toluene-d8	7.53	98	344195	52.12	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	11.40	95	146957	56.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	113.62%	

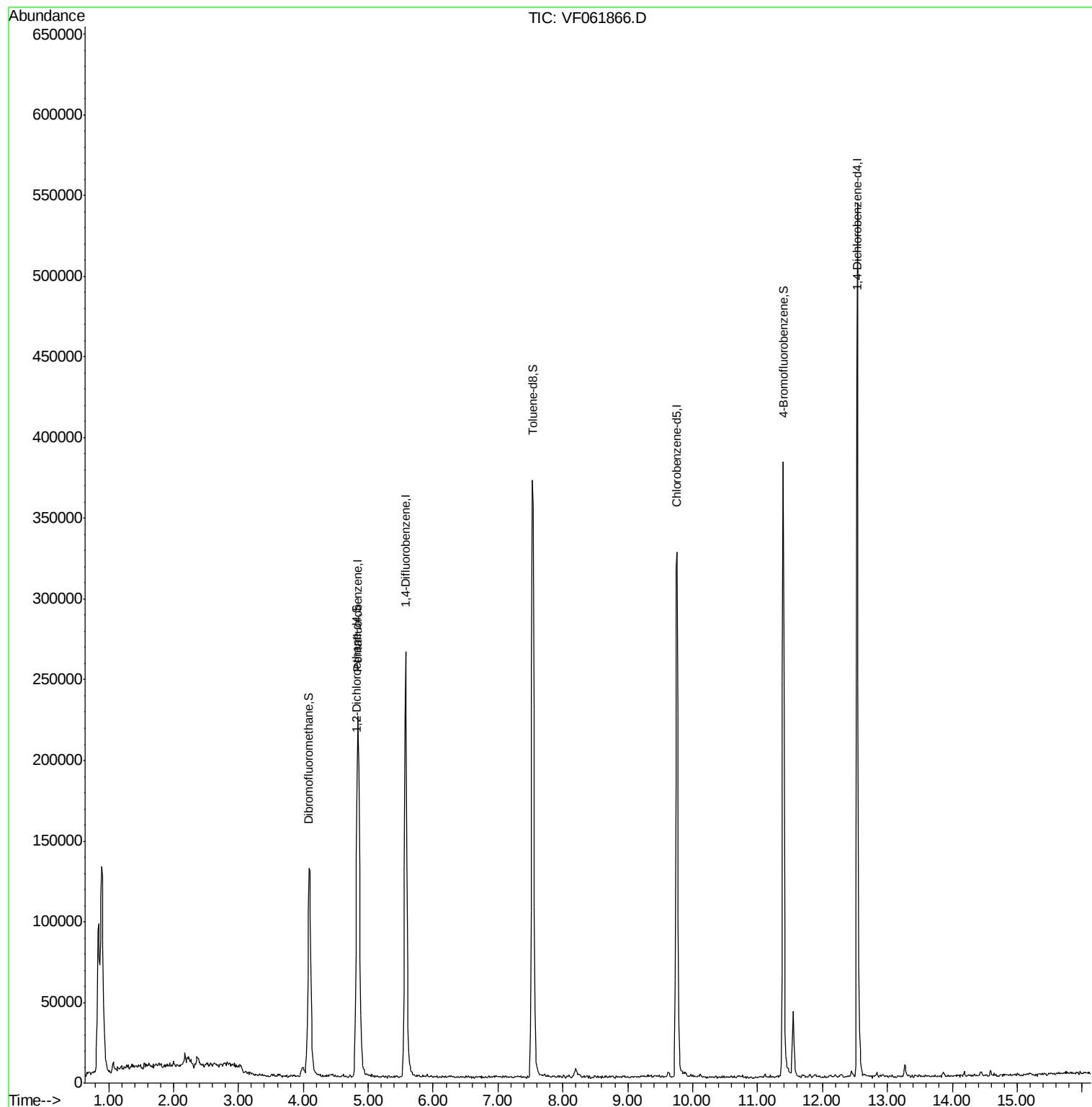
Target Compounds	Qvalue
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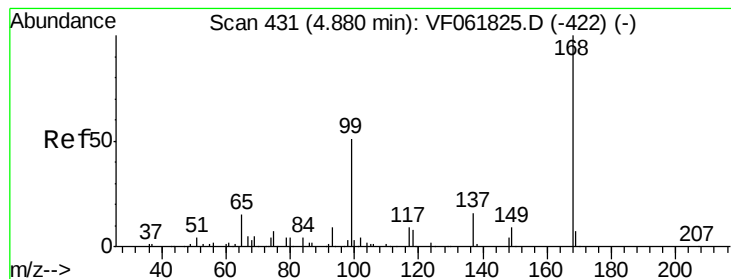
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF061866.D

Acq: 8 Mar 2019 16:52

Instrument :

MSVOA_F

ClientSampled :

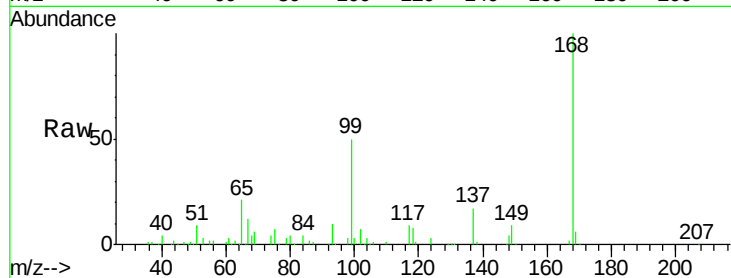
TP-2

Tot Ion:168 Resp: 205646

Ion Ratio Lower Upper

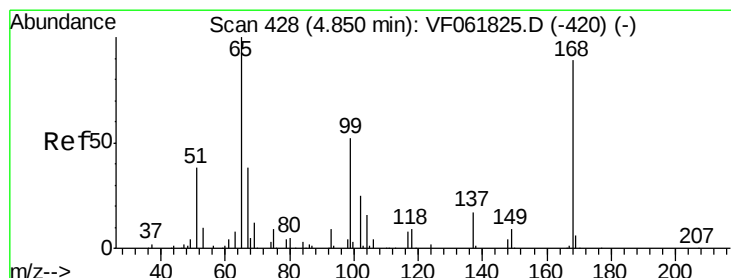
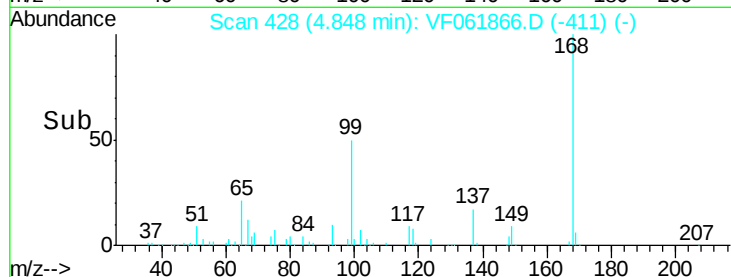
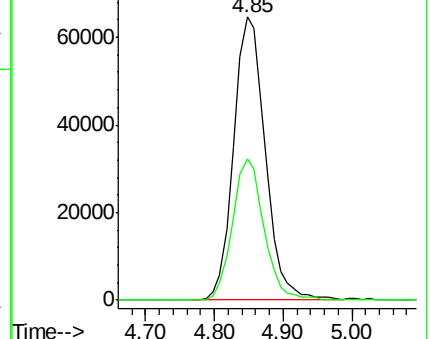
168 100

99 49.9 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 59.420 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.03 min

Lab File: VF061866.D

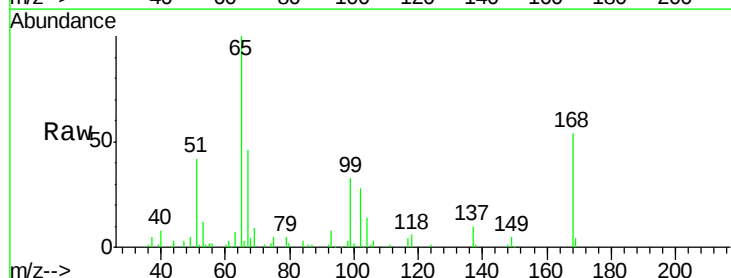
Acq: 8 Mar 2019 16:52

Tgt Ion: 65 Resp: 88988

Ion Ratio Lower Upper

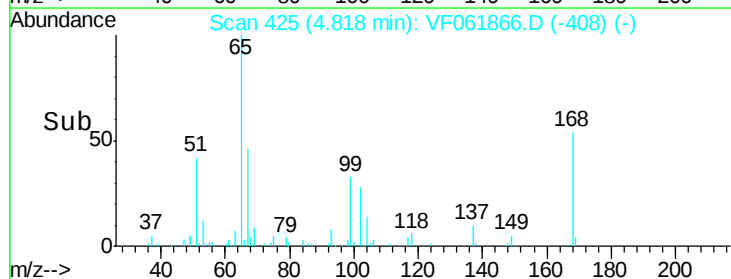
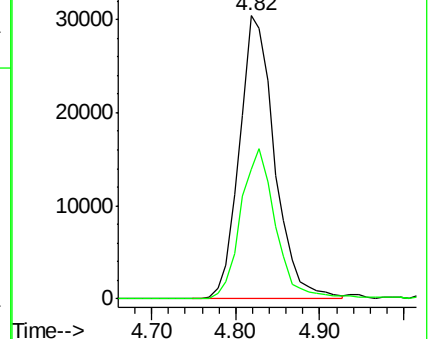
65 100

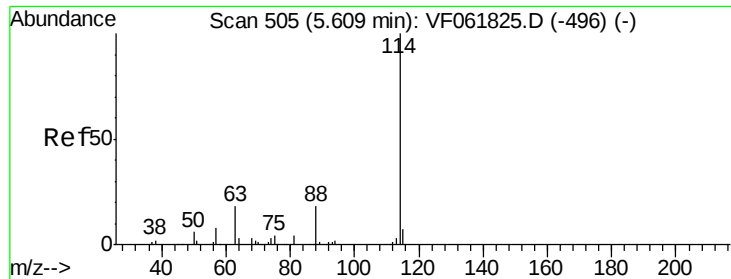
67 46.0 0.0 108.6



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: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061866.D

Acq: 8 Mar 2019 16:52

Instrument :

MSVOA_F

ClientSampleId :

TP-2

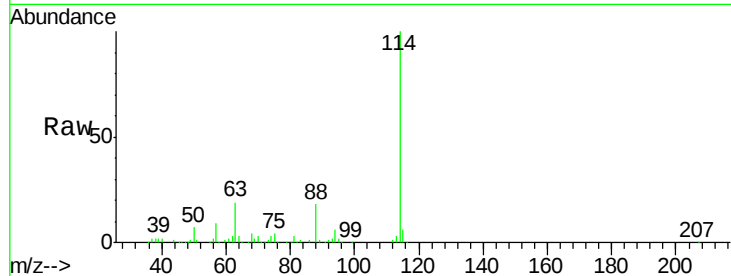
Tot Ion:114 Resp: 318352

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.6

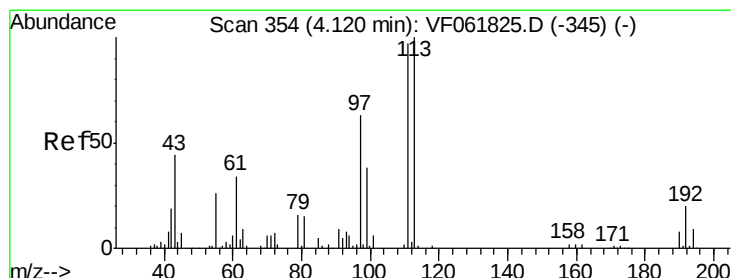
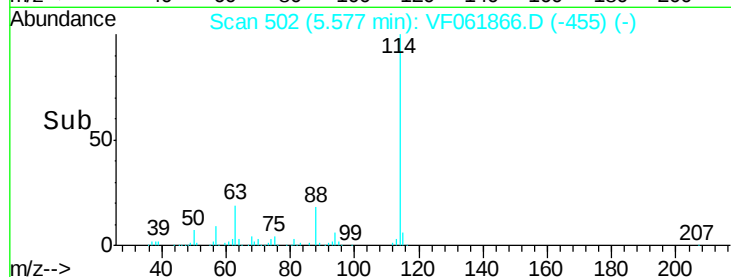
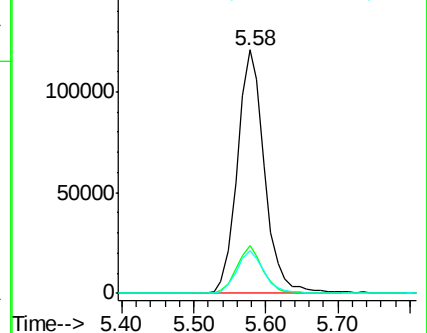
88 17.5 0.0 35.6



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: 59.506 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061866.D

Acq: 8 Mar 2019 16:52

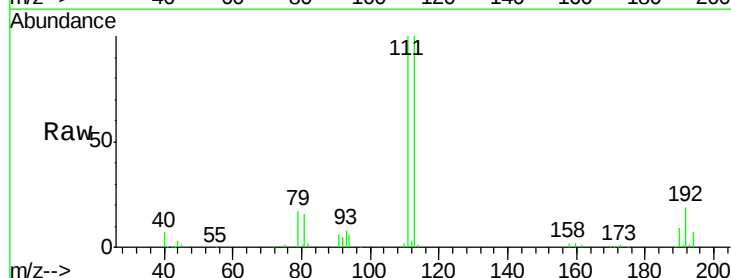
Tgt Ion:113 Resp: 132203

Ion Ratio Lower Upper

113 100

111 99.5 77.6 116.4

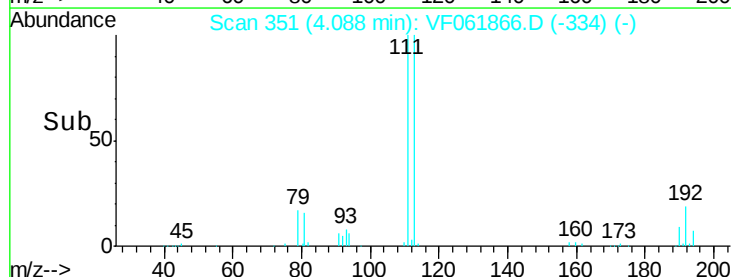
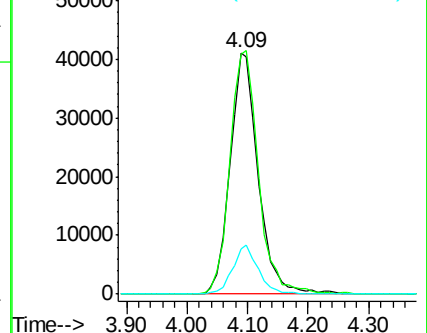
192 18.8 15.9 23.9

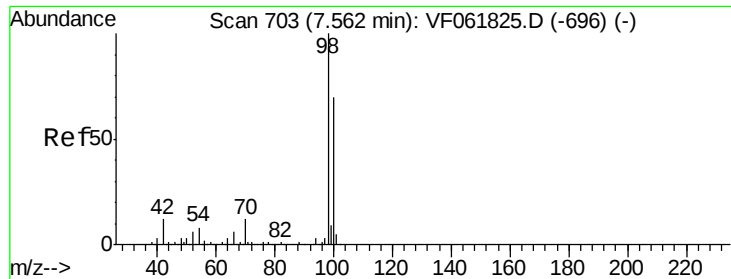


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

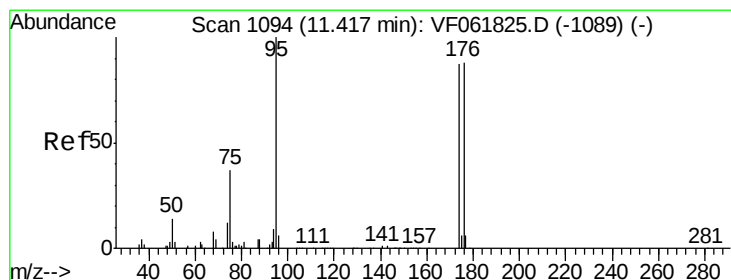
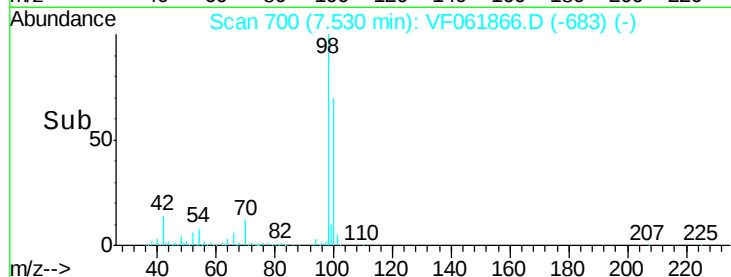
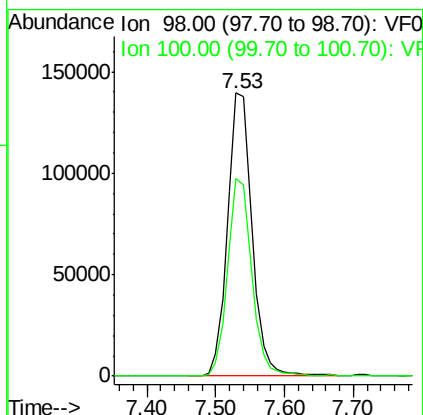
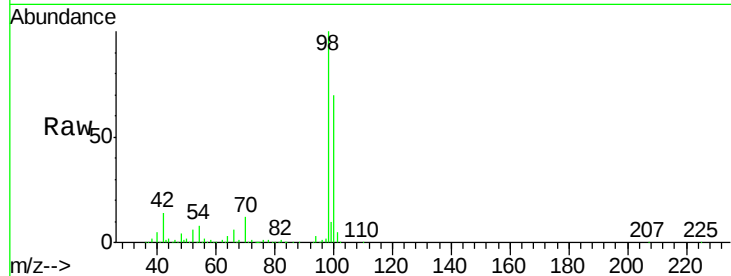




#50
Toluene-d8
Concen: 52.123 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061866.D
Acq: 8 Mar 2019 16:52

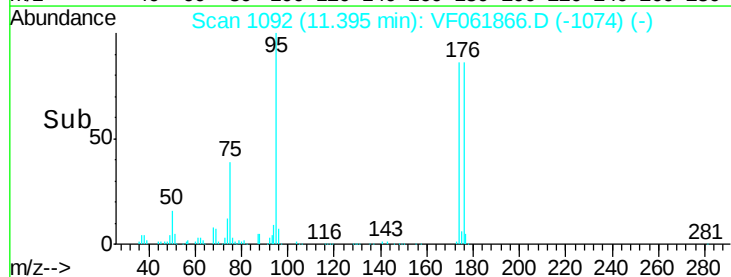
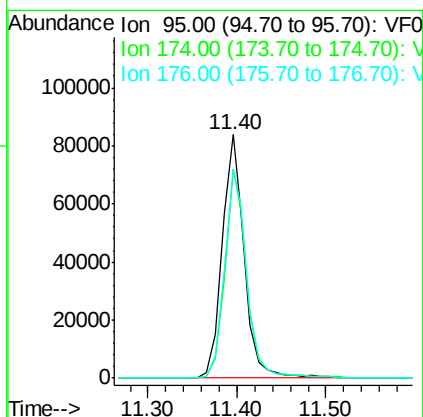
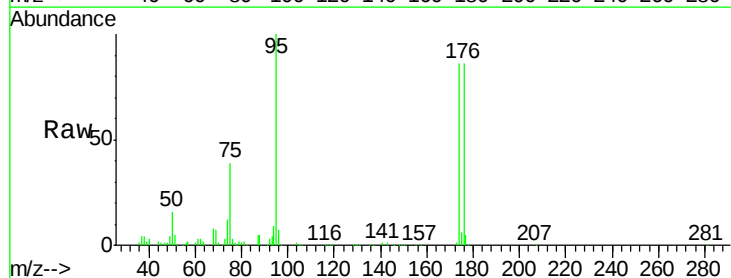
Instrument :
MSVOA_F
ClientSampleId :
TP-2

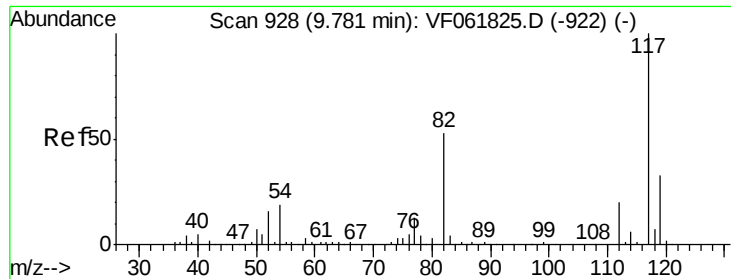
Tot Ion: 98 Resp: 344195
Ion Ratio Lower Upper
98 100
100 69.7 56.0 84.0



#62
4-Bromofluorobenzene
Concen: 56.811 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061866.D
Acq: 8 Mar 2019 16:52

Tgt Ion: 95 Resp: 146957
Ion Ratio Lower Upper
95 100
174 85.8 0.0 174.0
176 85.7 0.0 175.2

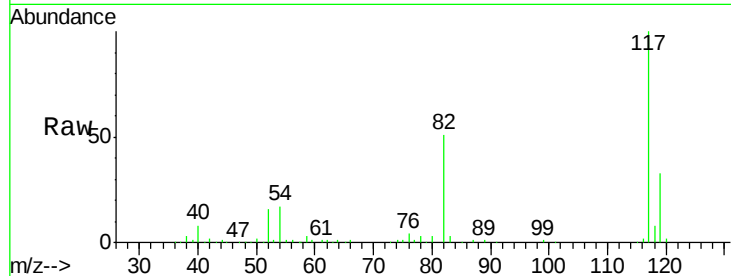




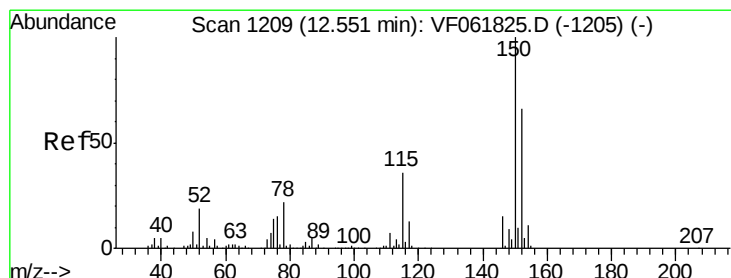
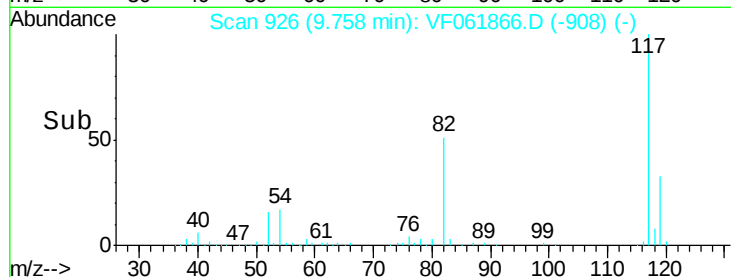
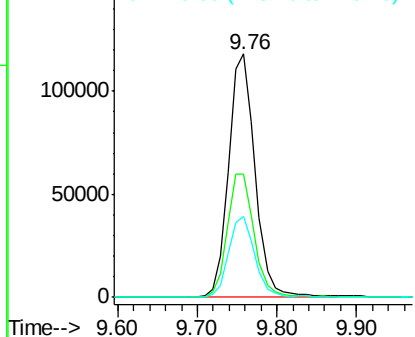
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061866.D
Acq: 8 Mar 2019 16:52

Instrument :
MSVOA_F
ClientSampled :
TP-2

Tot Ion:117 Resp: 275969
Ion Ratio Lower Upper
117 100
82 50.5 42.6 63.8
119 33.1 26.0 39.0

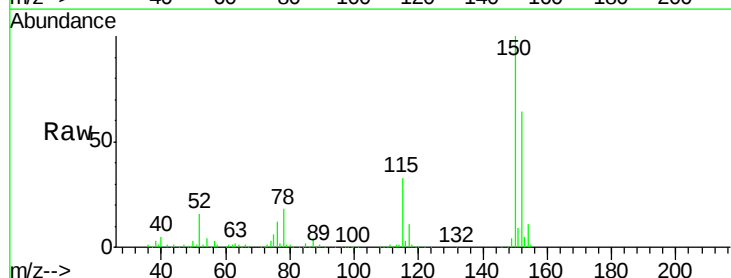


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061866.D
Acq: 8 Mar 2019 16:52

Tgt Ion:152 Resp: 155457
Ion Ratio Lower Upper
152 100
115 51.6 27.7 83.1
150 155.2 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

