

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061646.D
 Acq On : 14 Feb 2019 17:58
 Operator : VA/AP
 Sample : K1484-11
 Misc : 5.20g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-3-S

Quant Time: Feb 15 01:33:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	41331	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	49671	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	35369	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	13082	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	5482	18.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.18%	
35) Dibromofluoromethane	4.12	113	11693	31.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.40%	
50) Toluene-d8	7.55	98	41144	38.80	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	77.60%	
62) 4-Bromofluorobenzene	11.41	95	10791	25.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	50.30%	

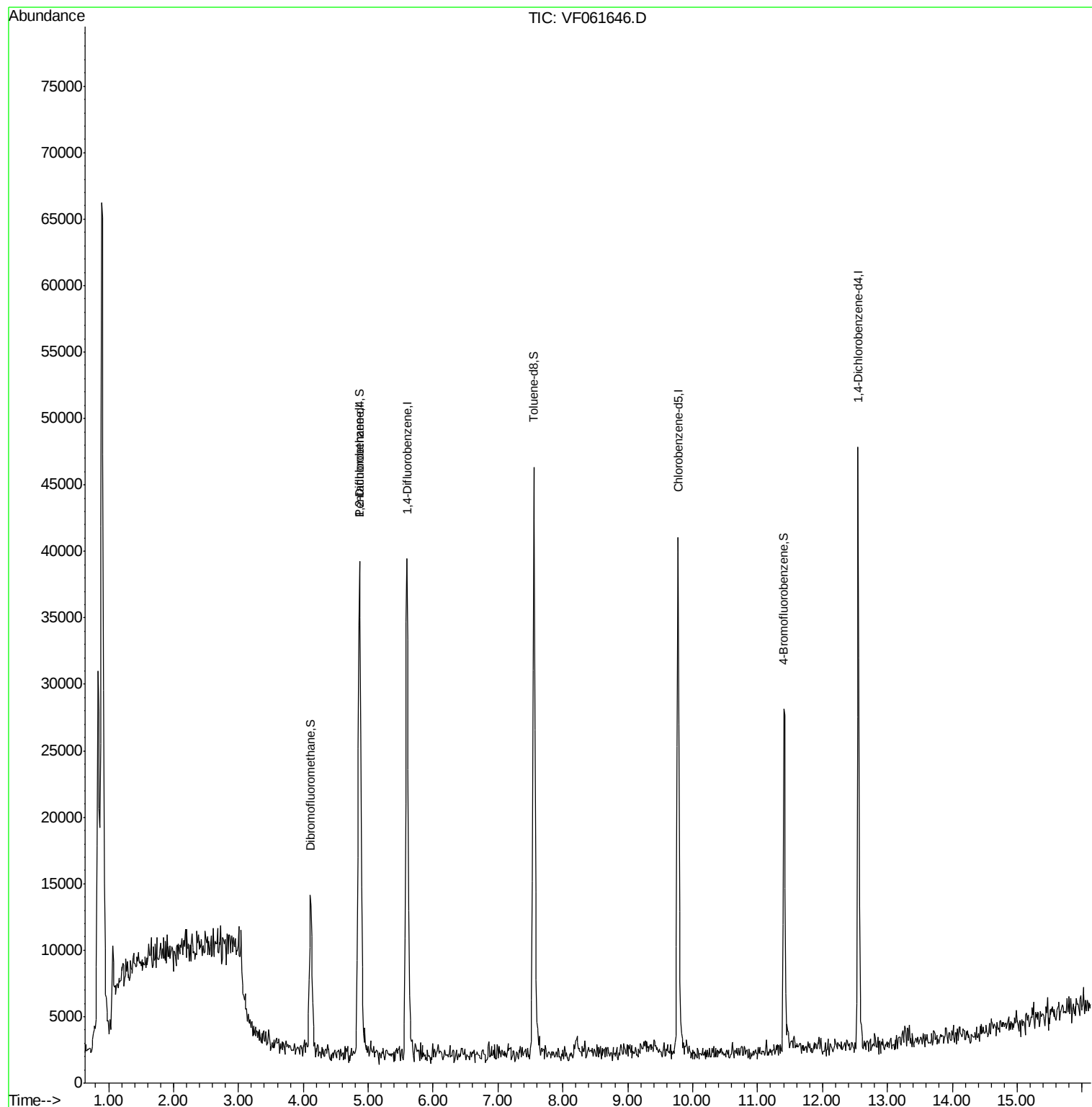
Target Compounds	Qvalue

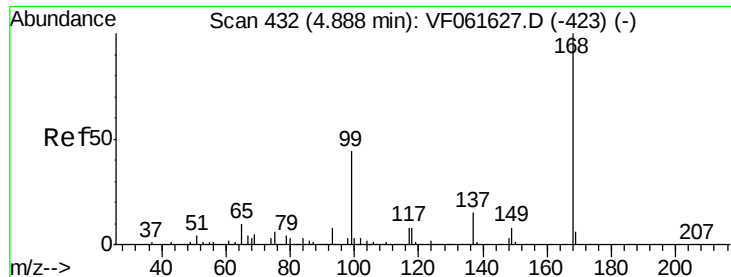
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

Lab File: VF061646.D

Acq: 14 Feb 2019 17:58

Instrument :

MSVOA_F

ClientSampleId :

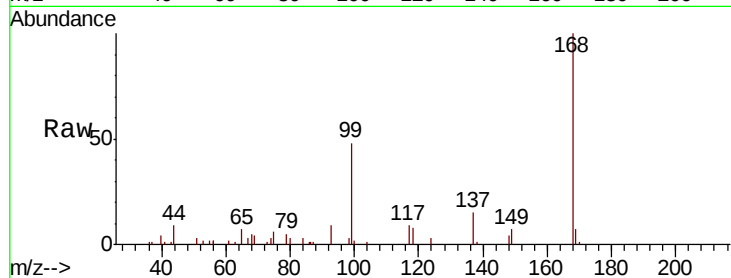
M-3-S

Tgt Ion: 168 Resp: 41331

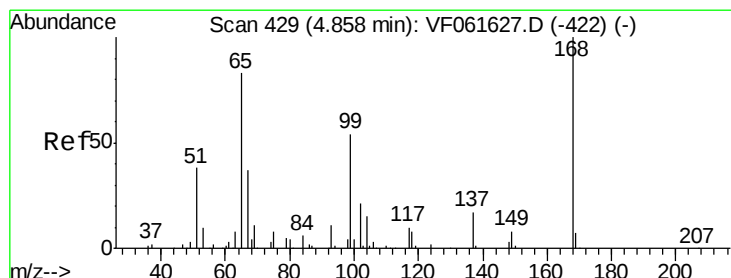
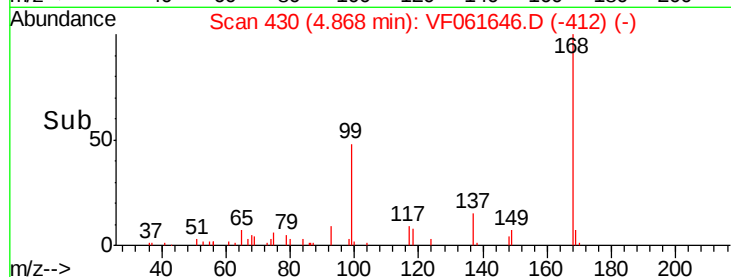
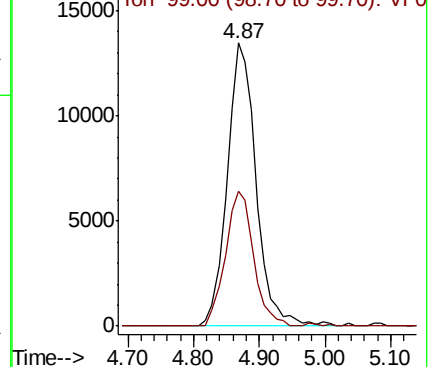
Ion Ratio Lower Upper

168 100

99 47.6 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 18.087 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.00 min

Lab File: VF061646.D

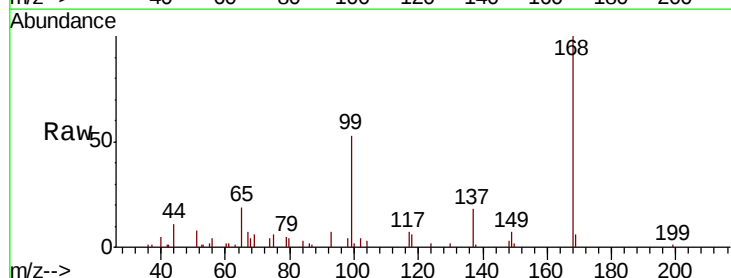
Acq: 14 Feb 2019 17:58

Tgt Ion: 65 Resp: 5482

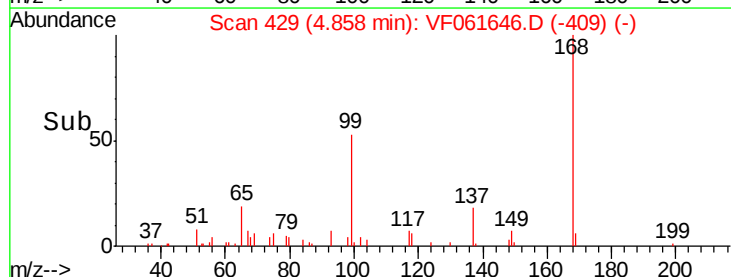
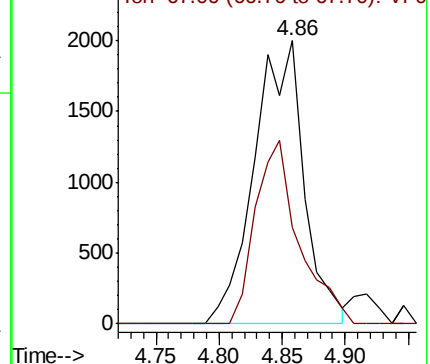
Ion Ratio Lower Upper

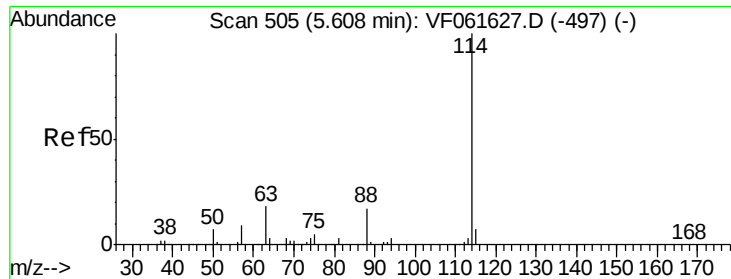
65 100

67 34.0 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061646.D

Acq: 14 Feb 2019 17:58

Instrument :

MSVOA_F

ClientSampleId :

M-3-S

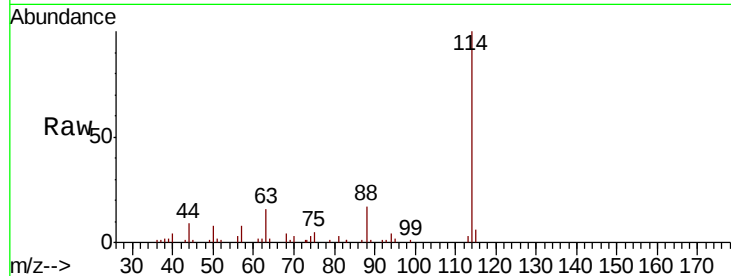
Tgt Ion:114 Resp: 49671

Ion Ratio Lower Upper

114 100

63 16.0 0.0 36.6

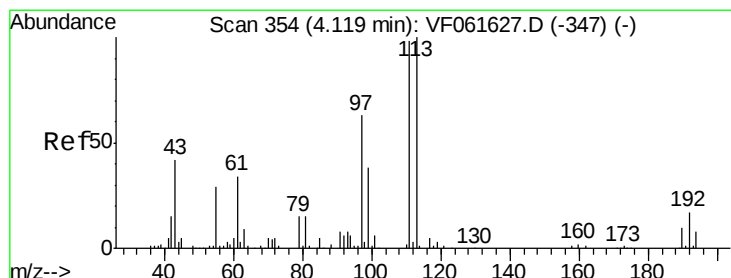
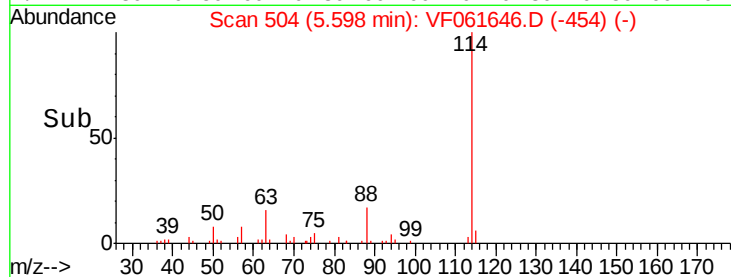
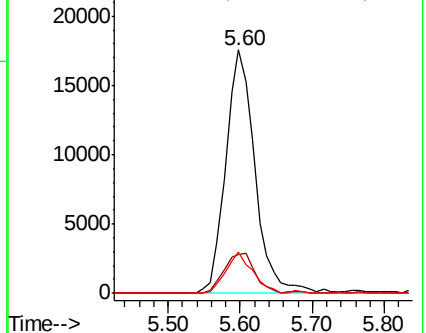
88 17.2 0.0 34.4



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: 31.700 ug/l

RT: 4.12 min Scan# 354

Delta R.T. -0.00 min

Lab File: VF061646.D

Acq: 14 Feb 2019 17:58

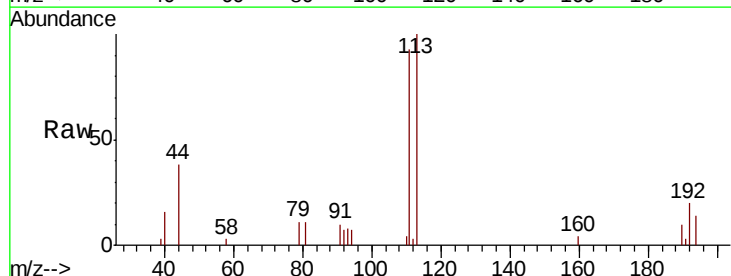
Tgt Ion:113 Resp: 11693

Ion Ratio Lower Upper

113 100

111 93.3 78.8 118.2

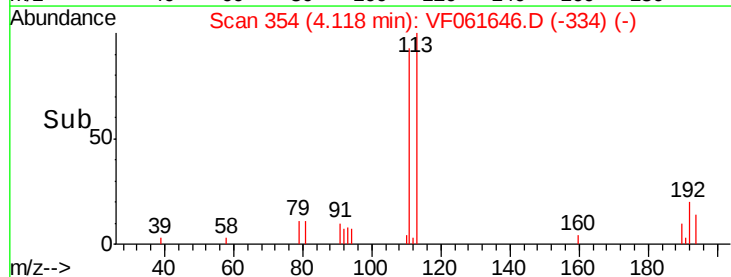
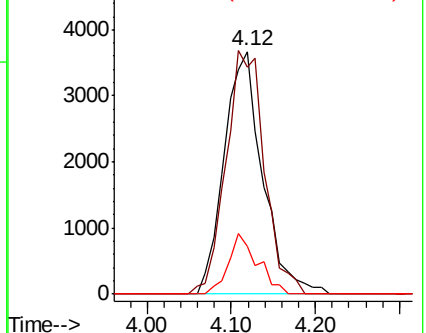
192 19.6 13.4 20.0

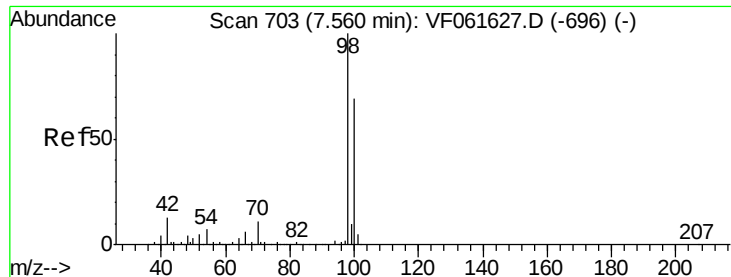


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 38.802 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061646.D

Acq: 14 Feb 2019 17:58

Instrument :

MSVOA_F

ClientSampleId :

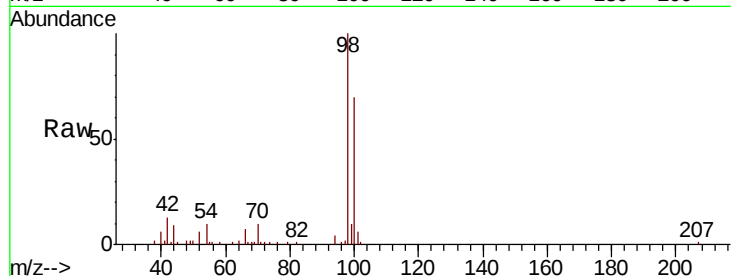
M-3-S

Tgt Ion: 98 Resp: 41144

Ion Ratio Lower Upper

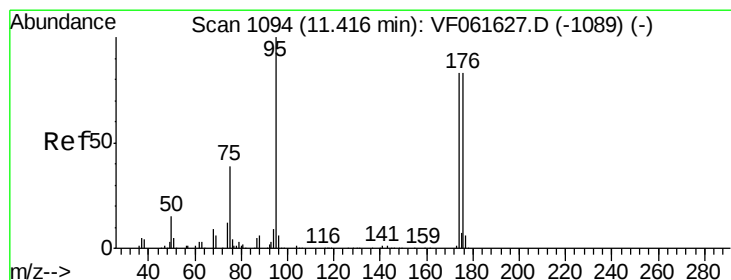
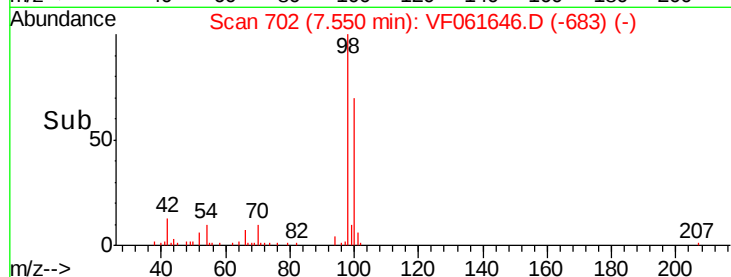
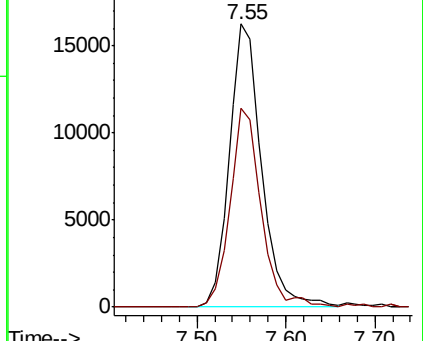
98 100

100 70.3 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 25.151 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061646.D

Acq: 14 Feb 2019 17:58

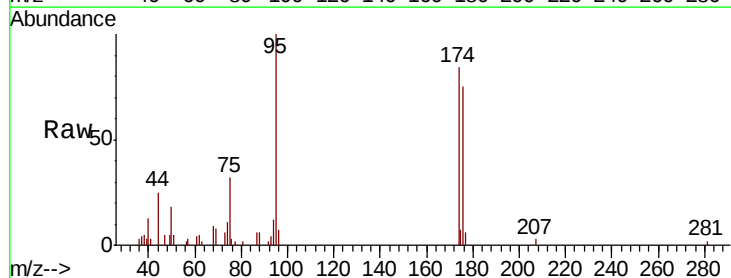
Tgt Ion: 95 Resp: 10791

Ion Ratio Lower Upper

95 100

174 84.0 0.0 165.8

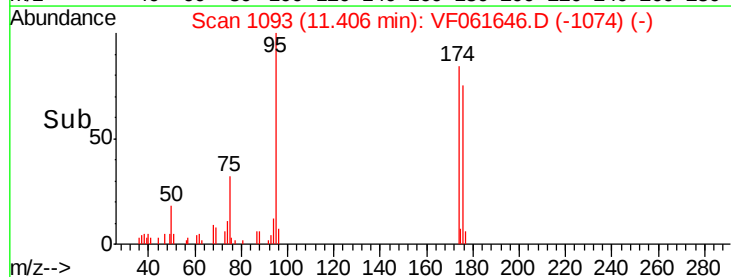
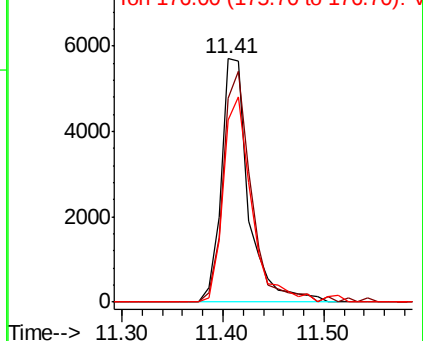
176 74.7 0.0 167.0

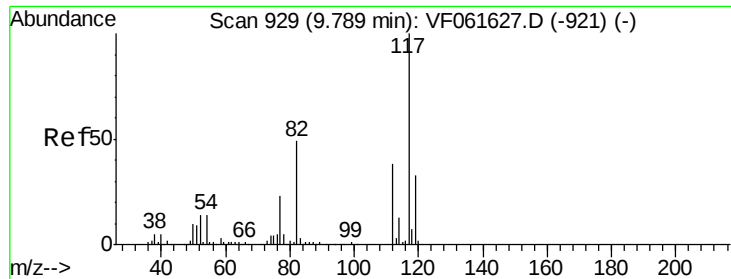


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

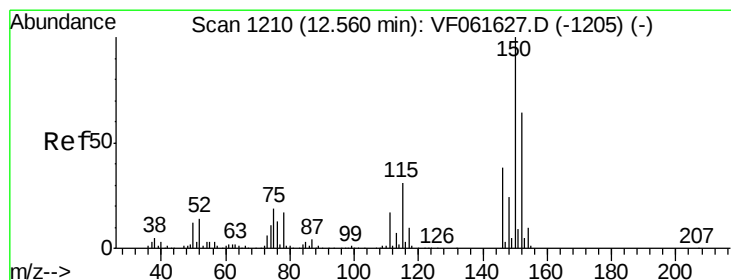
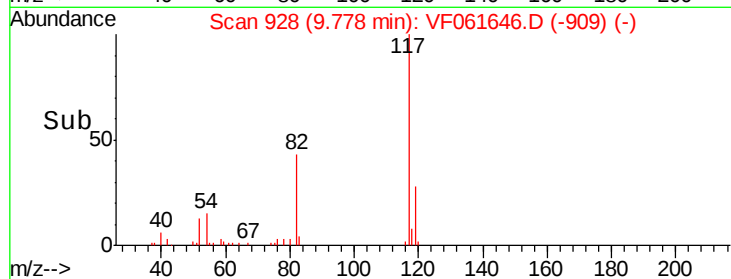
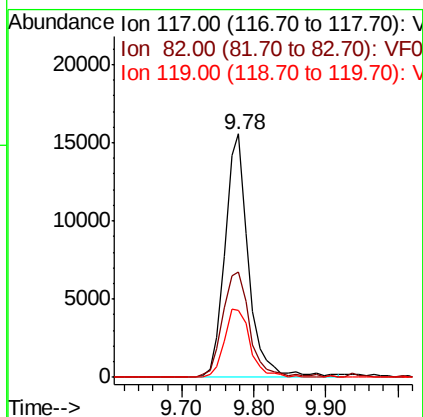
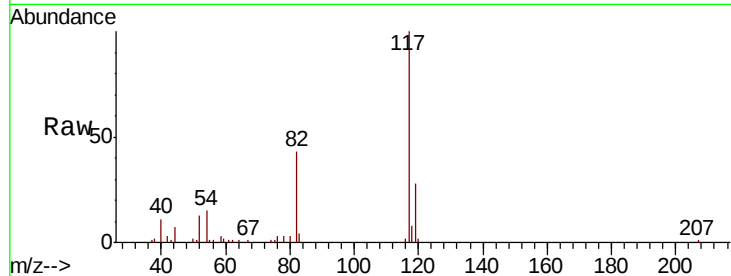




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.01 min
Lab File: VF061646.D
Acq: 14 Feb 2019 17:58

Instrument :
MSVOA_F
ClientSampleId :
M-3-S

Tgt Ion:117 Resp: 35369
Ion Ratio Lower Upper
117 100
82 43.3 39.3 58.9
119 27.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.01 min
Lab File: VF061646.D
Acq: 14 Feb 2019 17:58

Tgt Ion:152 Resp: 13082
Ion Ratio Lower Upper
152 100
115 58.5 24.3 72.8
150 158.6 0.0 312.0

