

Data Path : W:\HPCHEM1\MSVOA_F\DATA\VF022318\
 Data File : VF056660.D
 Acq On : 23 Feb 2018 17:02
 Operator : JC/SY
 Sample : J1398-05
 Misc : 6.80g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

Quant Time: Feb 24 01:07:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_F\METHODS\82F022018S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 21 08:56:21 2018
 Response via : Initial Calibration

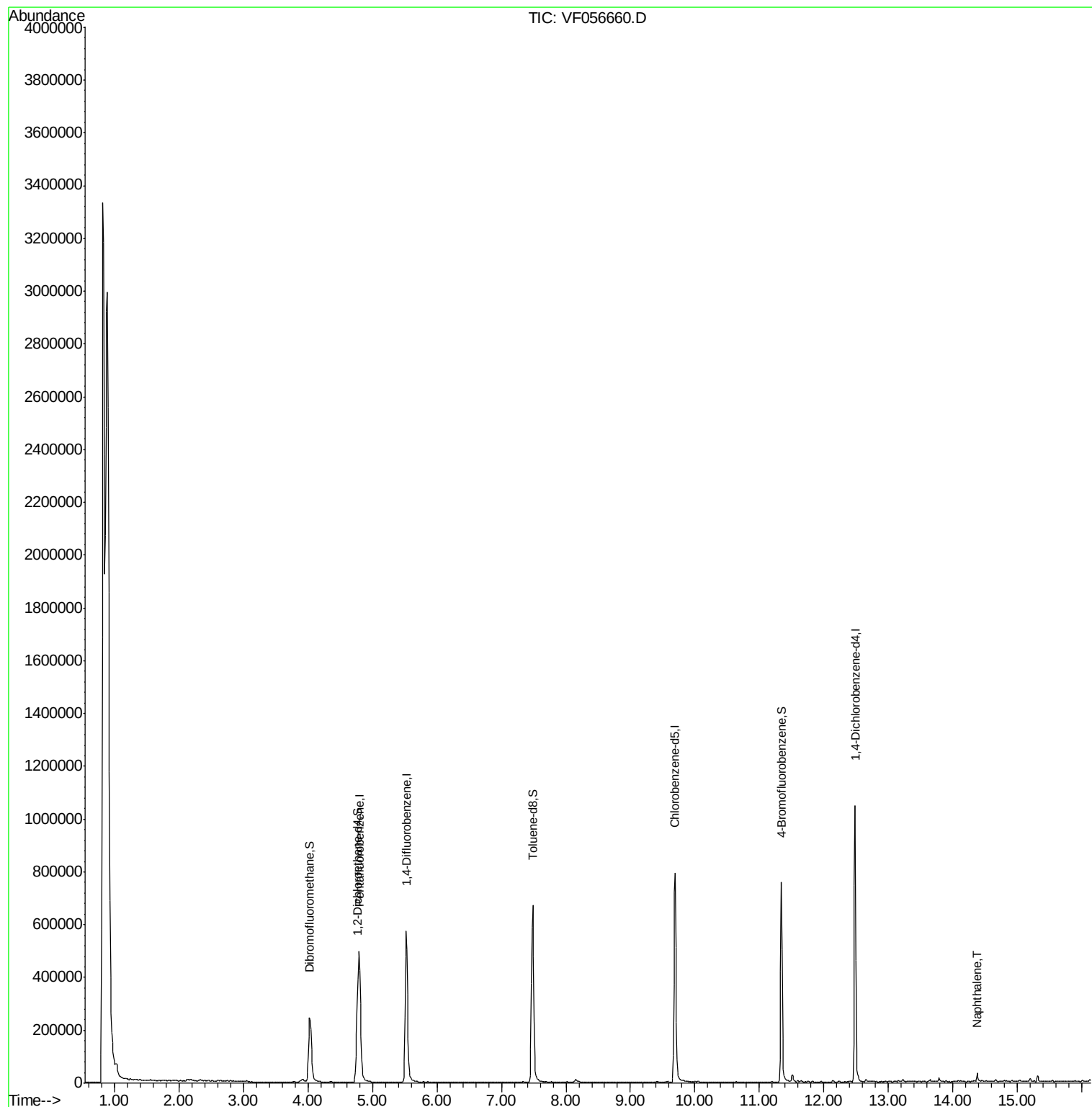
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.79	168	439278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.52	114	660311	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.69	117	583764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.48	152	253346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.76	65	223728	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.26%	
35) Dibromofluoromethane	4.03	113	233320	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
50) Toluene-d8	7.49	98	587903	39.49	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.98%	
62) 4-Bromofluorobenzene	11.34	95	265654	39.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.46%	
Target Compounds						
95) Naphthalene	14.38	128	22091	1.62	ug/l	Qvalue # 94

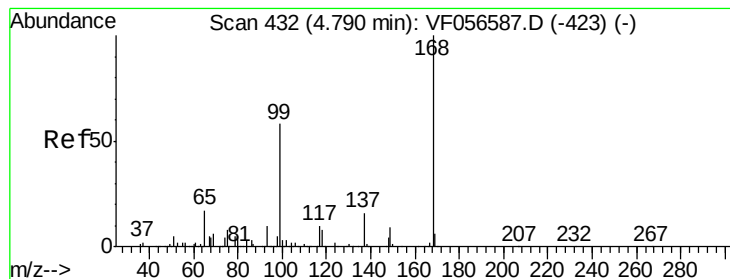
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.79 min Scan# 432

Delta R.T. 0.00 min

Lab File: VF056660.D

Acq: 23 Feb 2018 17:02

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ClientSampleId :

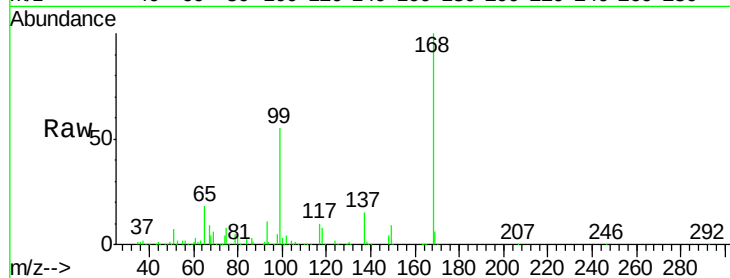
OK-01-022218

Tgt Ion:168 Resp: 439278

Ion Ratio Lower Upper

168 100

99 54.8 46.2 69.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.79

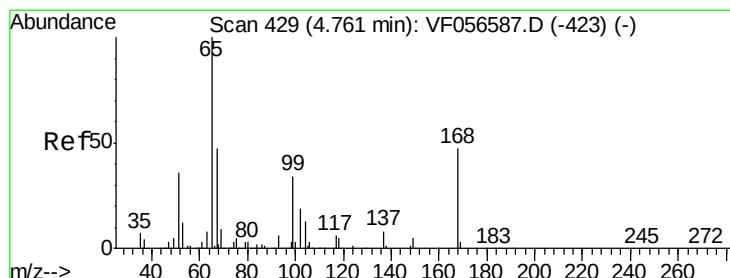
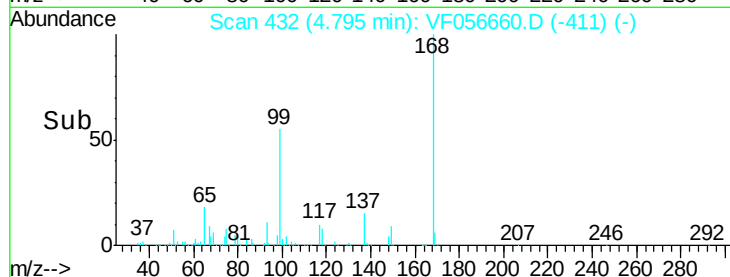
150000

100000

50000

0

Time--> 4.60 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 42.13 ug/l

RT: 4.76 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF056660.D

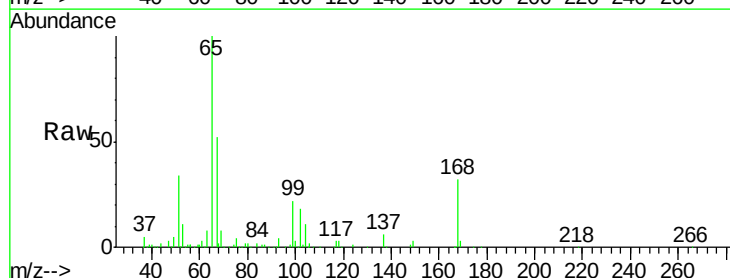
Acq: 23 Feb 2018 17:02

Tgt Ion: 65 Resp: 223728

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.76

80000

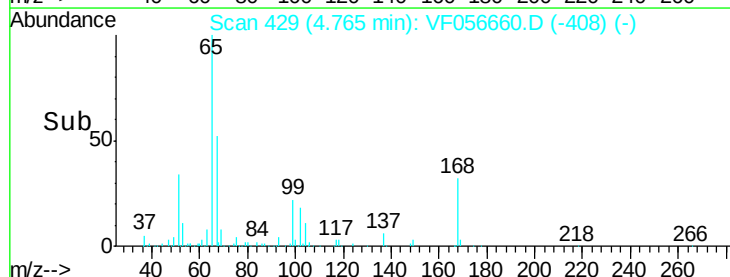
60000

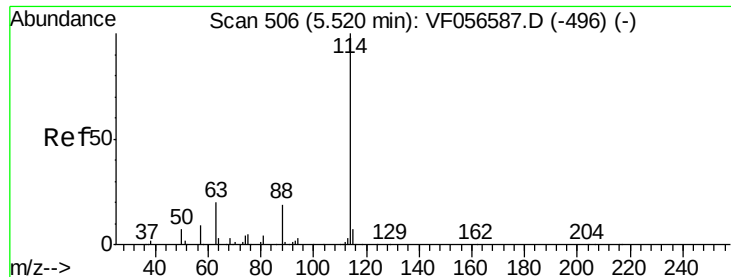
40000

20000

0

Time--> 4.60 4.70 4.80 4.90 5.00

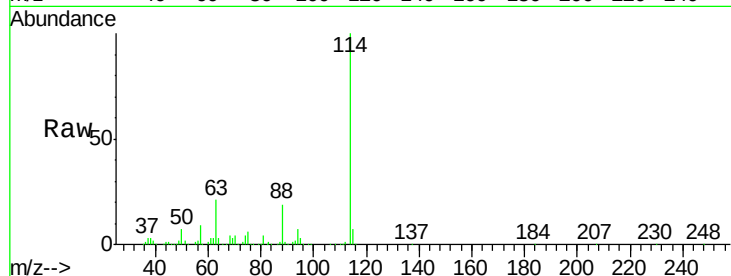




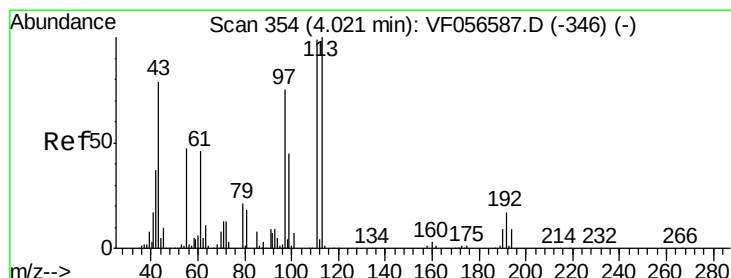
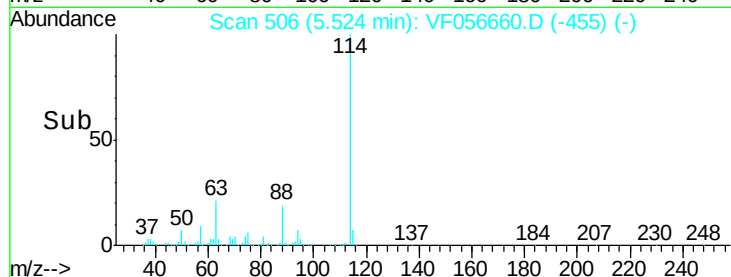
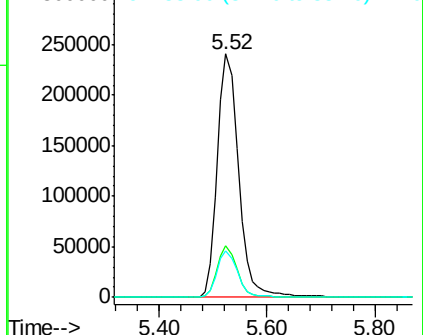
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.52 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: VF056660.D
 Acq: 23 Feb 2018 17:02

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-01-022218

Tgt Ion:114 Resp: 660311
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.6
 88 19.3 0.0 37.8

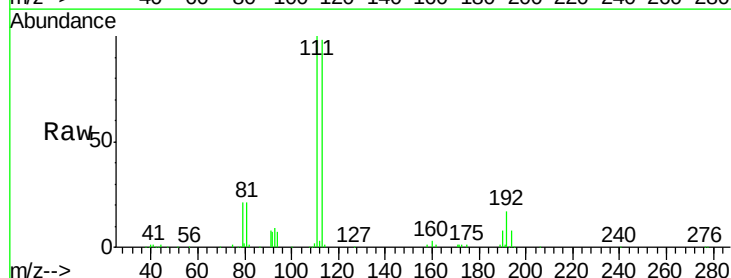


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

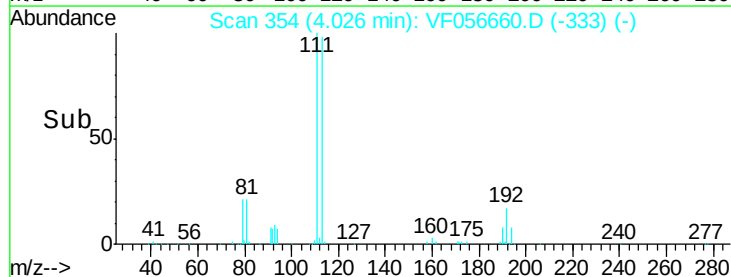
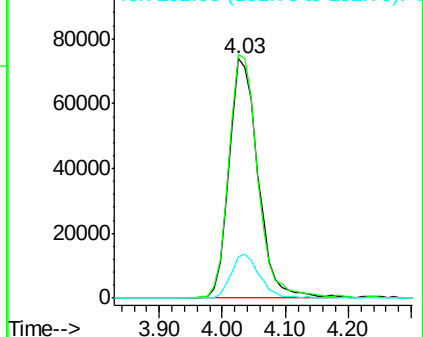


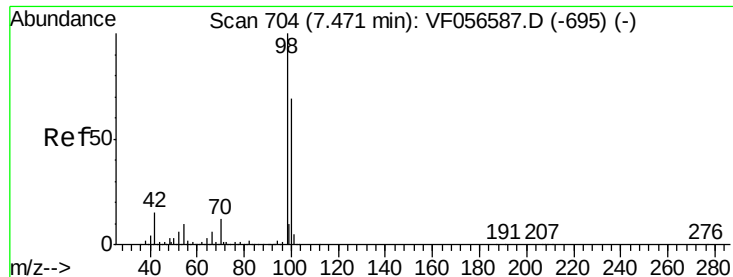
#35
 Dibromofluoromethane
 Concen: 46.98 ug/l
 RT: 4.03 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VF056660.D
 Acq: 23 Feb 2018 17:02

Tgt Ion:113 Resp: 233320
 Ion Ratio Lower Upper
 113 100
 111 101.7 79.1 118.7
 192 17.4 13.9 20.9



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

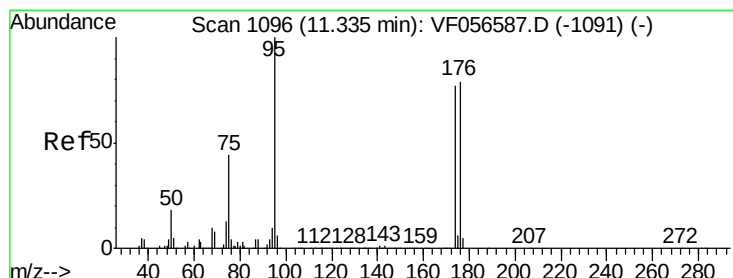
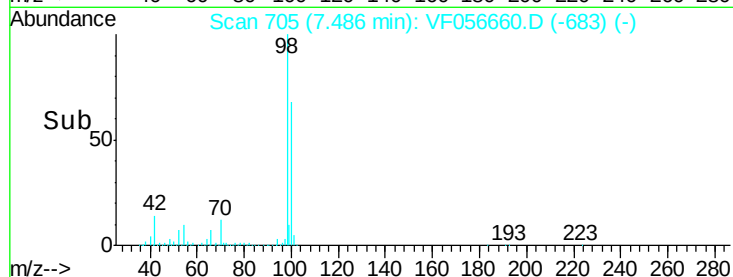
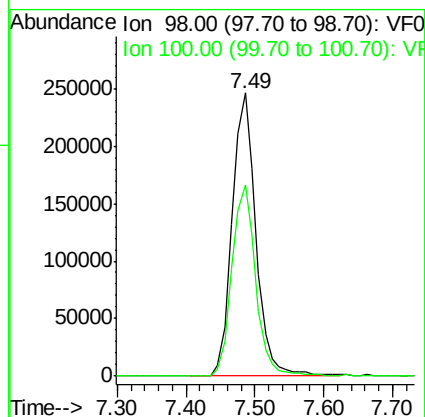
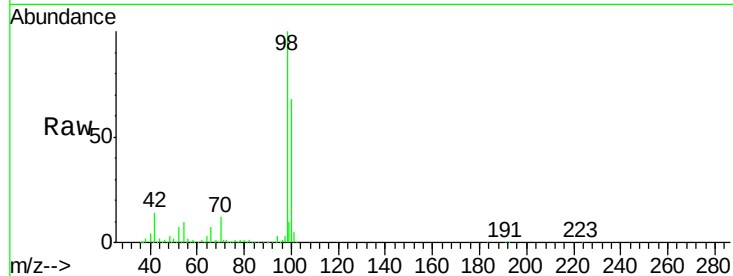




#50
Toluene-d8
Concen: 39.49 ug/l
RT: 7.49 min Scan# 705
Delta R.T. 0.01 min
Lab File: VF056660.D
Acq: 23 Feb 2018 17:02

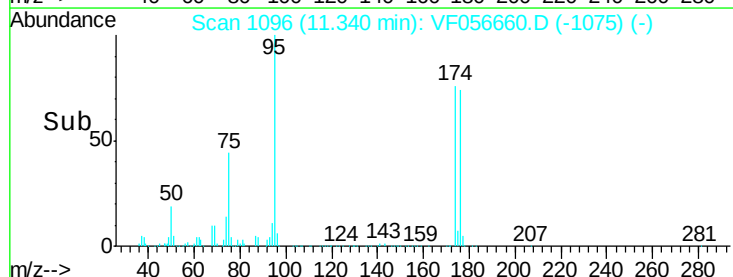
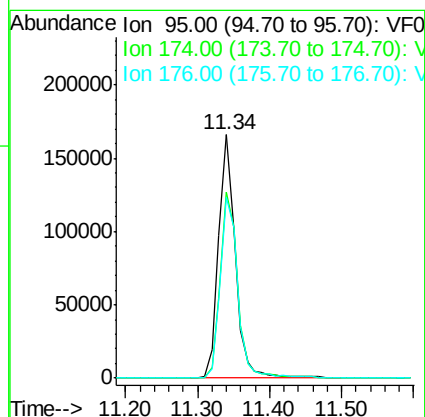
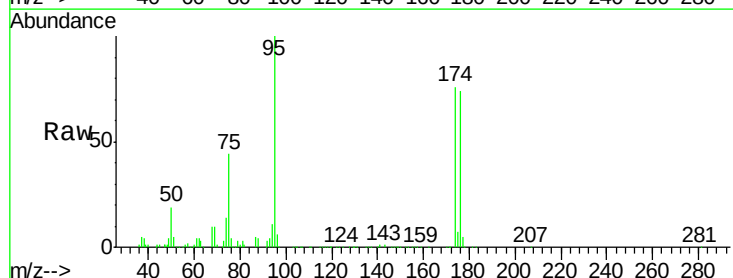
Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

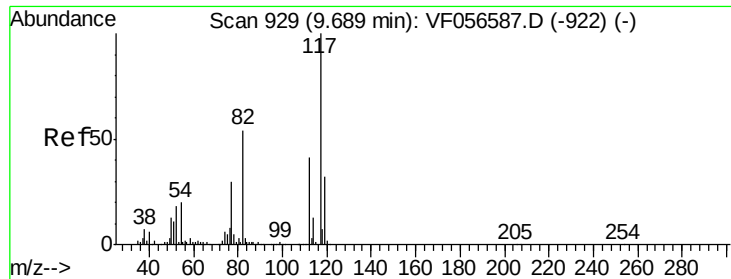
Tgt Ion: 98 Resp: 587903
Ion Ratio Lower Upper
98 100
100 67.6 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 39.23 ug/l
RT: 11.34 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VF056660.D
Acq: 23 Feb 2018 17:02

Tgt Ion: 95 Resp: 265654
Ion Ratio Lower Upper
95 100
174 76.4 0.0 154.2
176 74.2 0.0 157.2

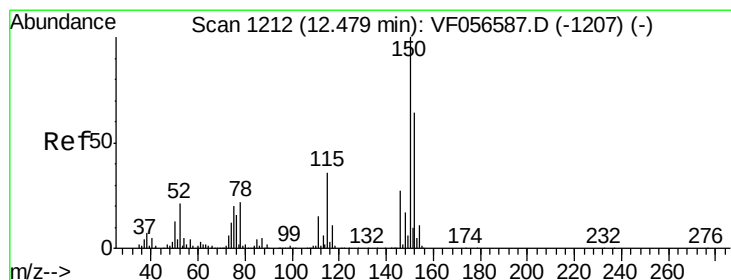
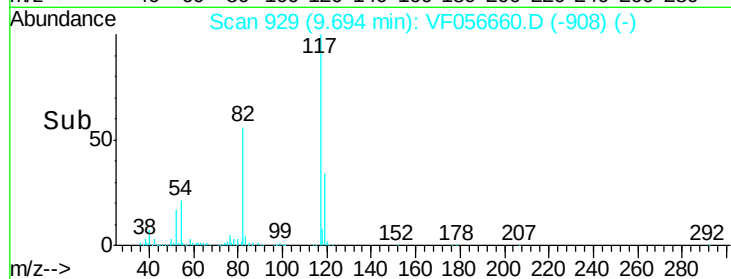
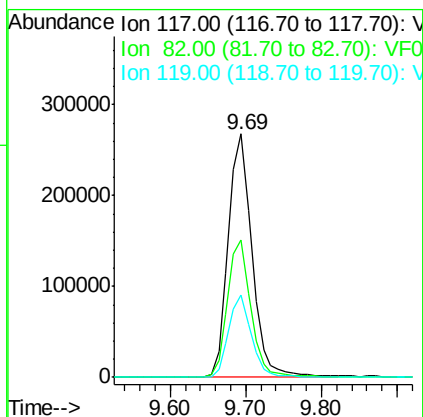
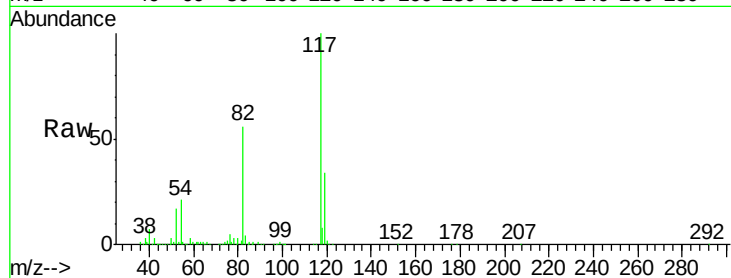




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.69 min Scan# 929
Delta R.T. 0.00 min
Lab File: VF056660.D
Acq: 23 Feb 2018 17:02

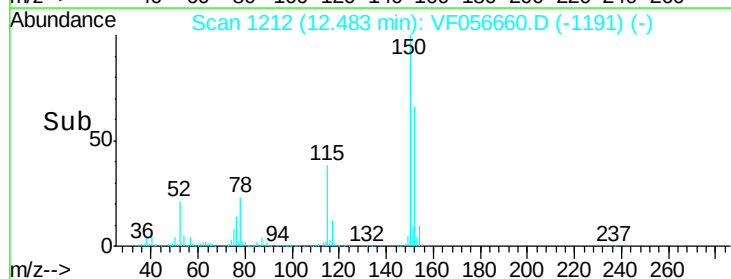
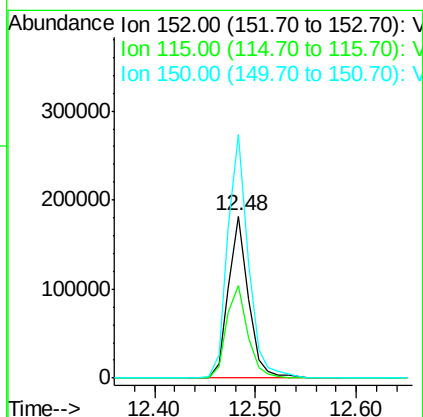
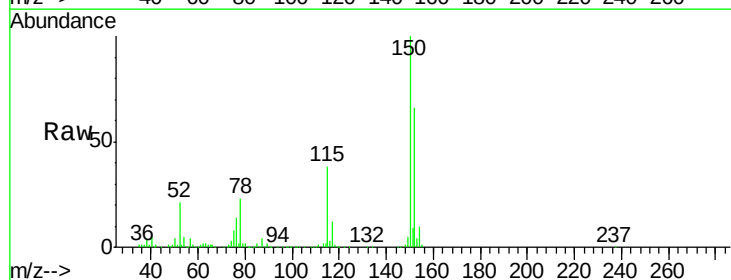
Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

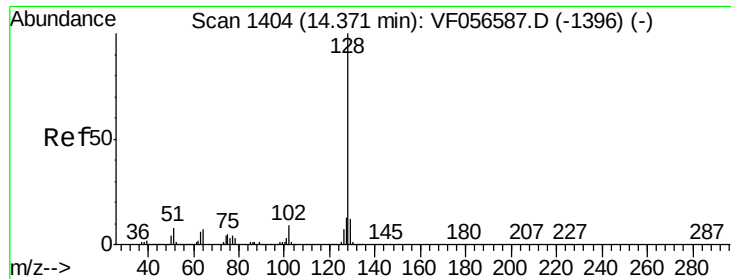
Tgt Ion:117 Resp: 583764
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.6
119 34.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.48 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VF056660.D
Acq: 23 Feb 2018 17:02

Tgt Ion:152 Resp: 253346
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.3
150 150.4 0.0 315.6





#95
Naphthalene
Concen: 1.62 ug/l
RT: 14.38 min Scan# 1404
Delta R.T. 0.00 min
Lab File: VF056660.D
Acq: 23 Feb 2018 17:02

Instrument :
MSVOA_F
ClientSampleId :
OK-01-022218

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.2	10.3	15.5
129	8.9	9.4	14.0

