

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021819\
 Data File : VF061686.D
 Acq On : 18 Feb 2019 18:53
 Operator : VA/AP
 Sample : K1525-07
 Misc : 5.56g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-14-D

Quant Time: Feb 19 02:51:41 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

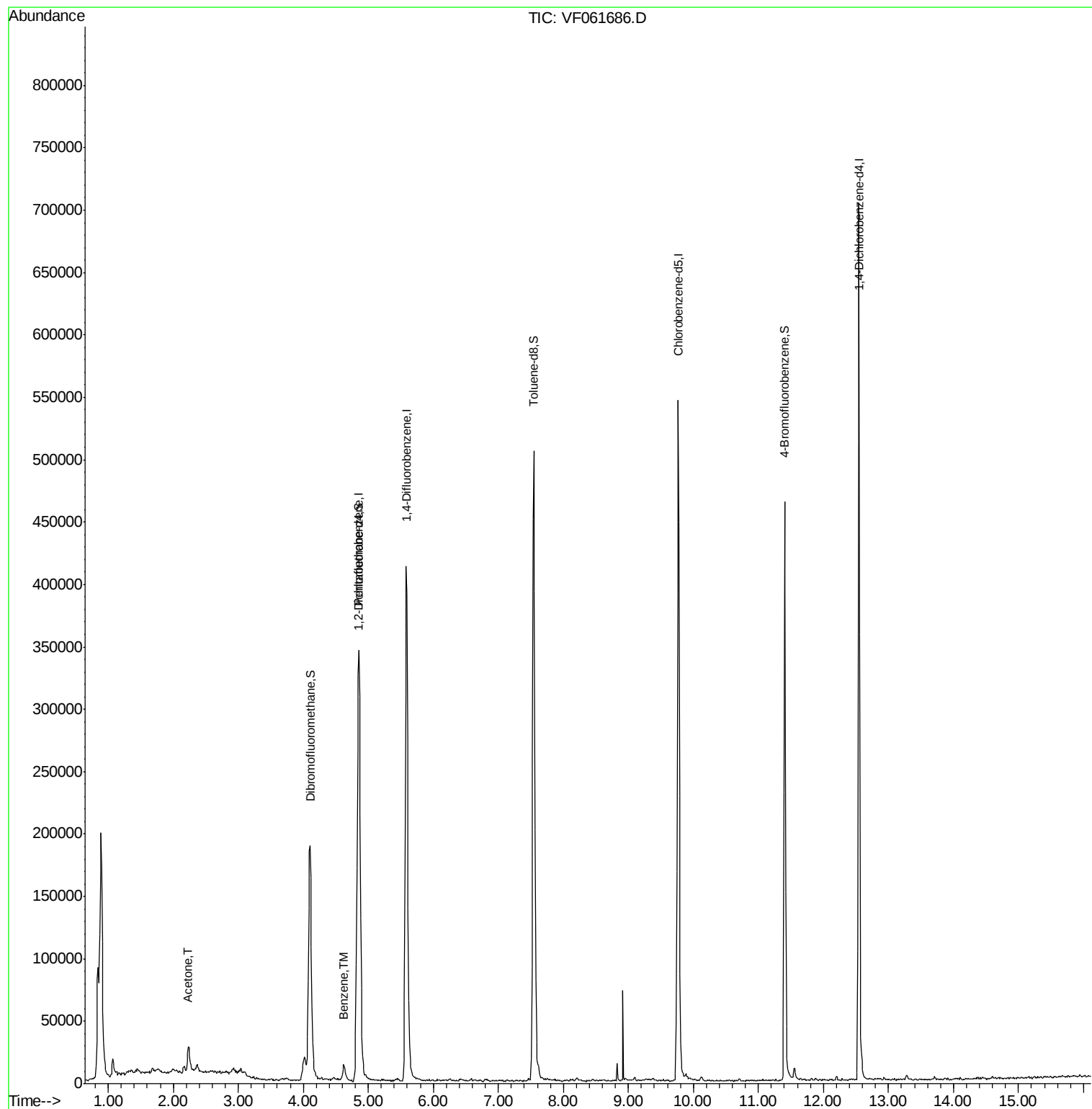
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	329502	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	535661	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	430074	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	200731	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	124662	51.59	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	4.11	113	188289	47.33	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	7.55	98	465253	40.69	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	81.38%	
62) 4-Bromofluorobenzene	11.40	95	177544	38.37	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.74%	
Target Compounds						
16) Acetone	2.23	43	30132	58.122	ug/l #	89
40) Benzene	4.62	78	14939	1.076	ug/l	98

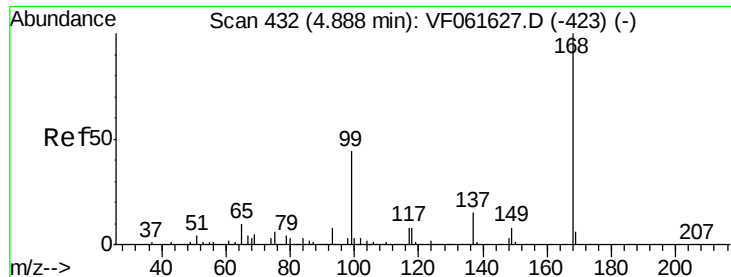
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061686.D

Acq: 18 Feb 2019 18:53

Instrument :

MSVOA_F

ClientSampleId :

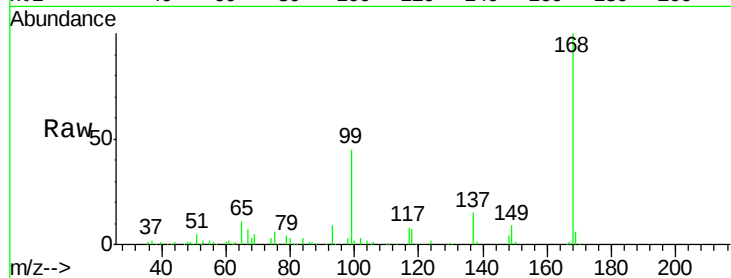
M-14-D

Tot Ion:168 Resp: 329502

Ion Ratio Lower Upper

168 100

99 45.3 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

120000

100000

80000

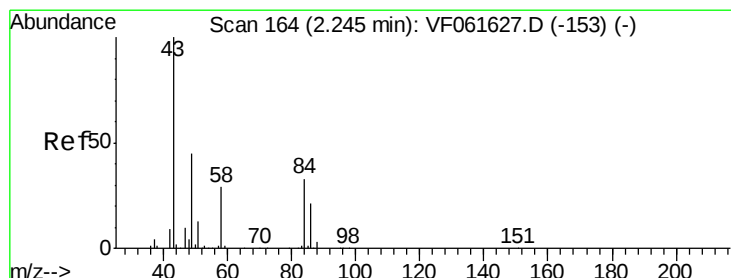
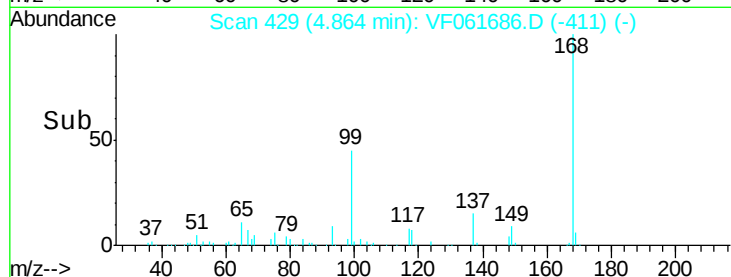
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 58.122 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061686.D

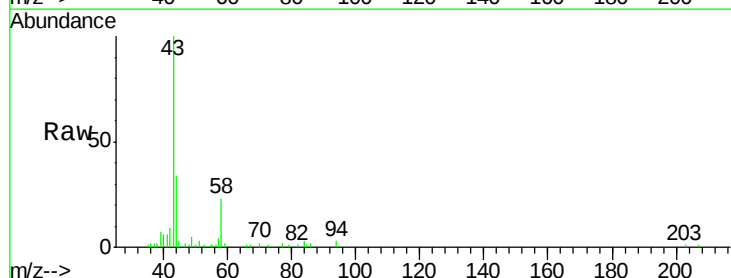
Acq: 18 Feb 2019 18:53

Tgt Ion: 43 Resp: 30132

Ion Ratio Lower Upper

43 100

58 22.7 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

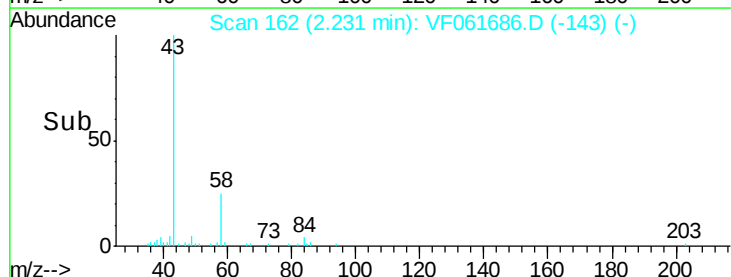
2.23

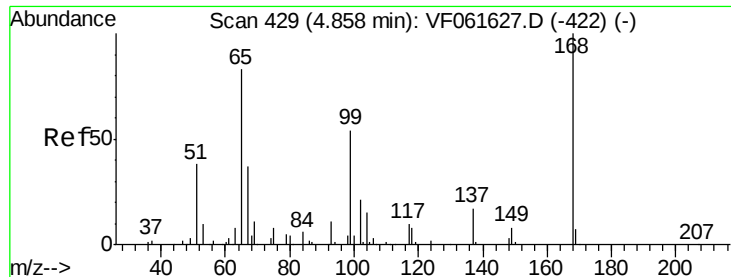
10000

5000

0

Time-->

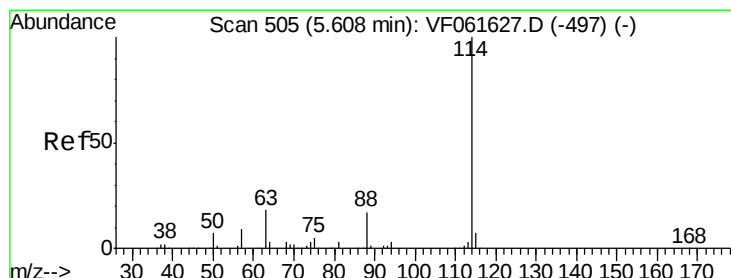
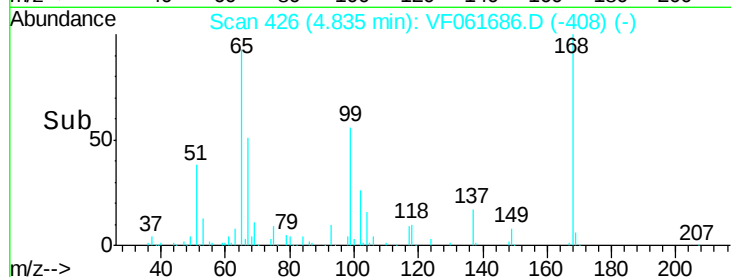
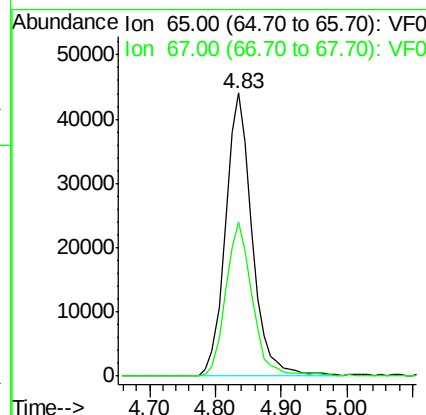
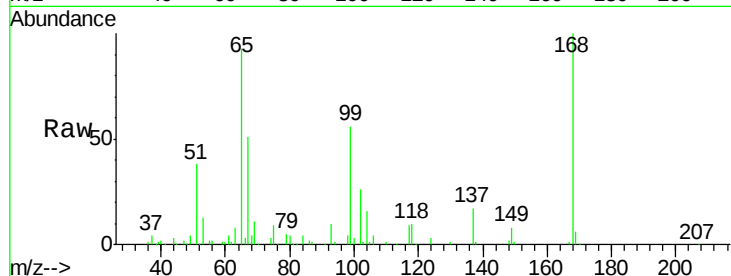




#33
 1,2-Dichloroethane-d4
 Concen: 51.592 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: VF061686.D
 Acq: 18 Feb 2019 18:53

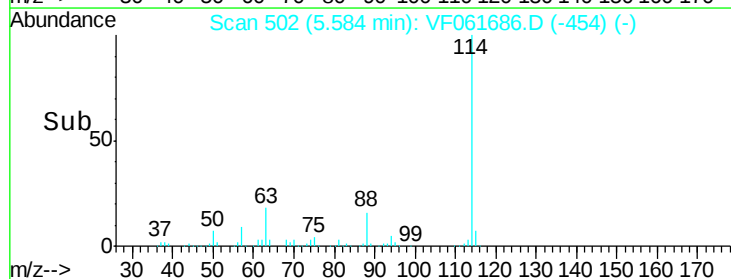
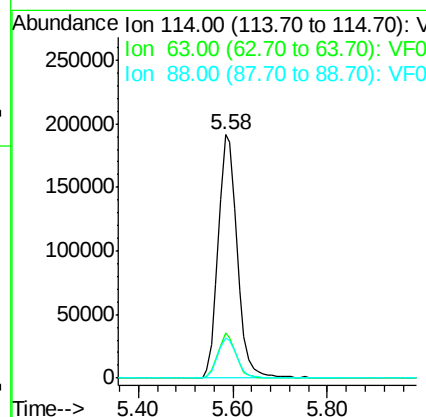
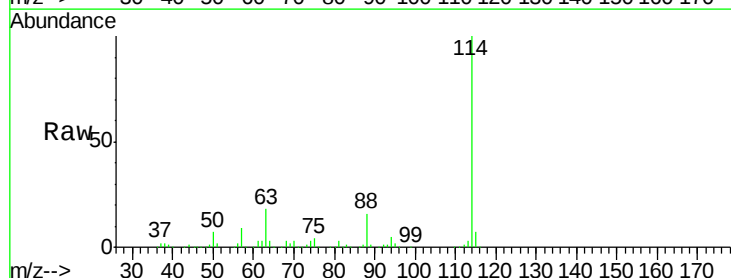
Instrument :
 MSVOA_F
 ClientSampled :
 M-14-D

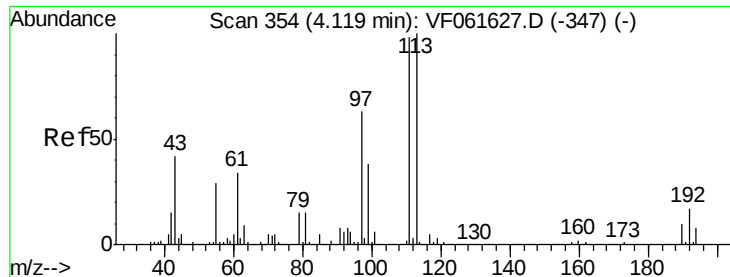
Tot Ion: 65 Resp: 124662
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF061686.D
 Acq: 18 Feb 2019 18:53

Tgt Ion: 114 Resp: 535661
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.6
 88 16.2 0.0 34.4

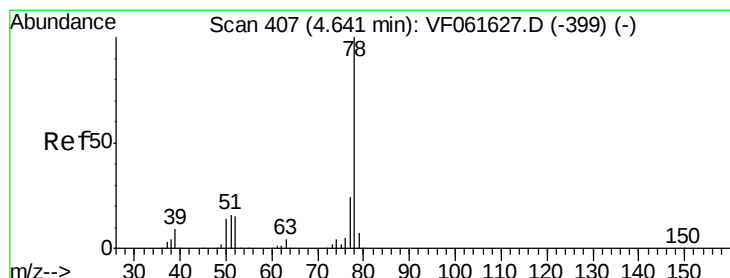
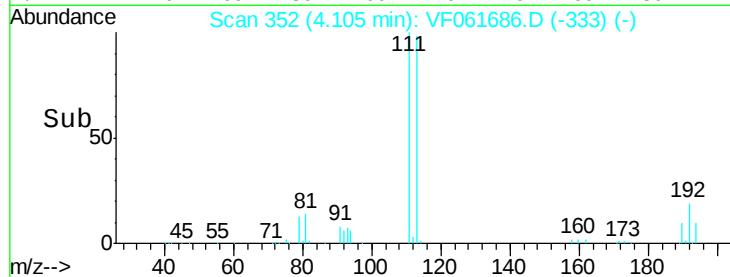
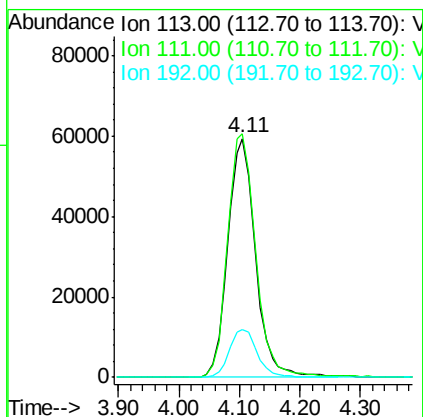
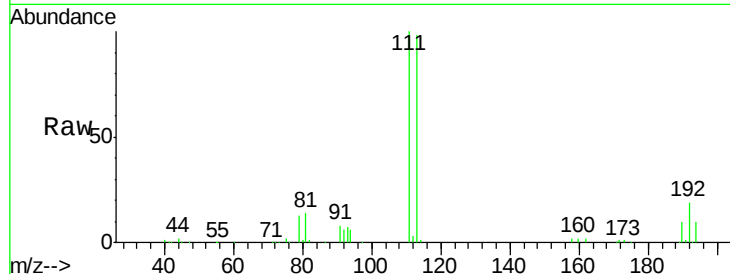




#35
 Dibromofluoromethane
 Concen: 47.334 ug/l
 RT: 4.11 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061686.D
 Acq: 18 Feb 2019 18:53

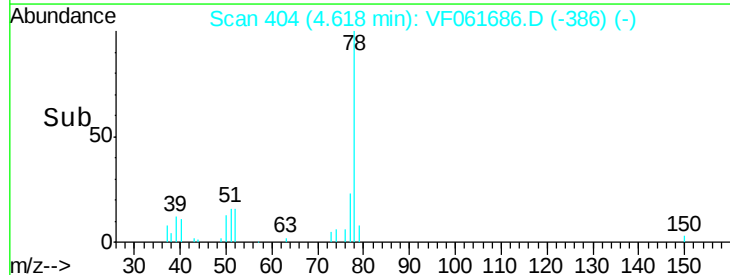
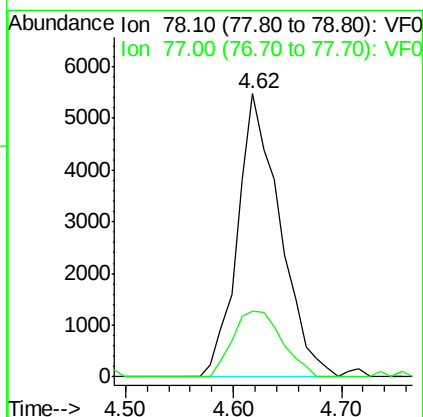
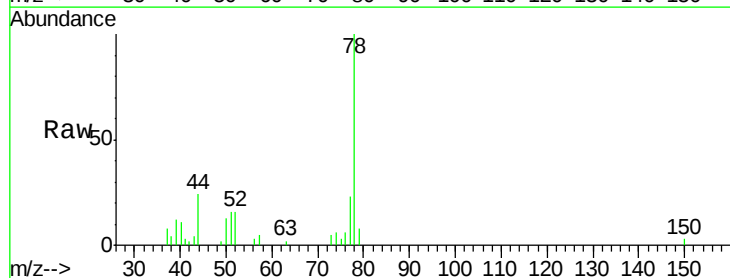
Instrument :
 MSVOA_F
 ClientSampleId :
 M-14-D

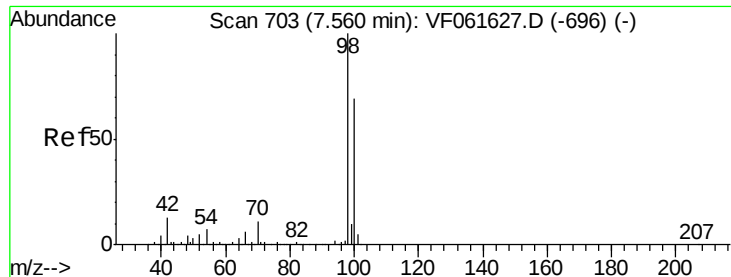
Tot Ion:113 Resp: 188289
 Ion Ratio Lower Upper
 113 100
 111 101.8 78.8 118.2
 192 19.7 13.4 20.0



#40
 Benzene
 Concen: 1.076 ug/l
 RT: 4.62 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: VF061686.D
 Acq: 18 Feb 2019 18:53

Tgt Ion: 78 Resp: 14939
 Ion Ratio Lower Upper
 78 100
 77 23.0 19.0 28.6





#50

Toluene-d8

Concen: 40.686 ug/l

RT: 7.55 min Scan# 701

Delta R.T. -0.01 min

Lab File: VF061686.D

Acq: 18 Feb 2019 18:53

Instrument :

MSVOA_F

ClientSampleId :

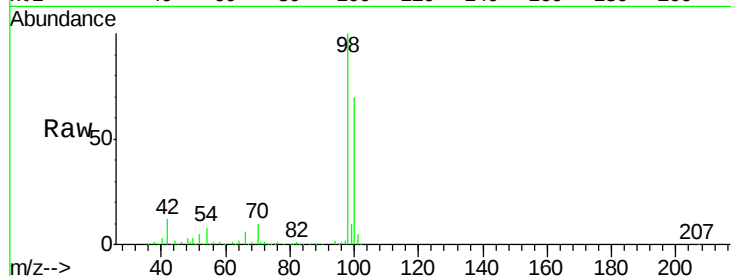
M-14-D

Tot Ion: 98 Resp: 465253

Ion Ratio Lower Upper

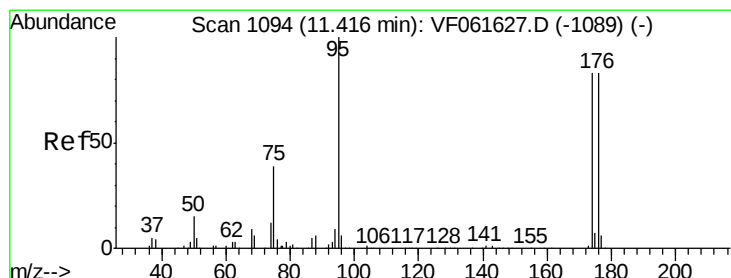
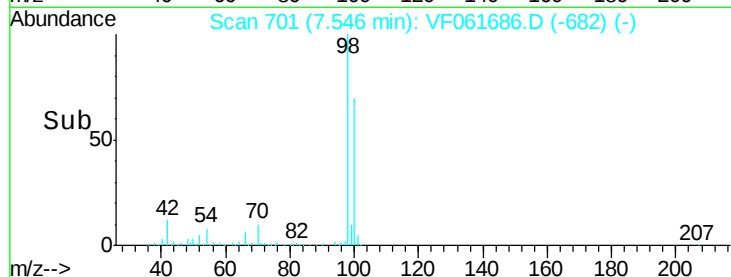
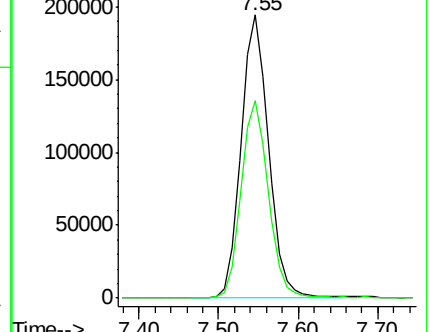
98 100

100 69.7 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: 38.372 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061686.D

Acq: 18 Feb 2019 18:53

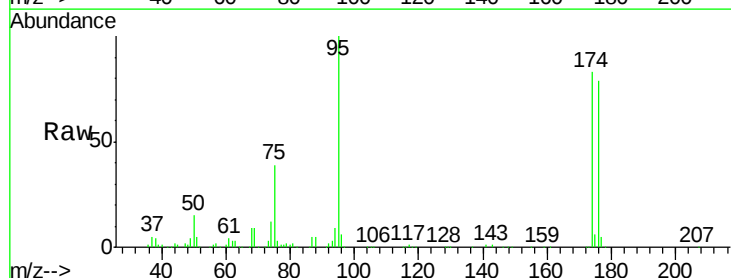
Tgt Ion: 95 Resp: 177544

Ion Ratio Lower Upper

95 100

174 83.1 0.0 165.8

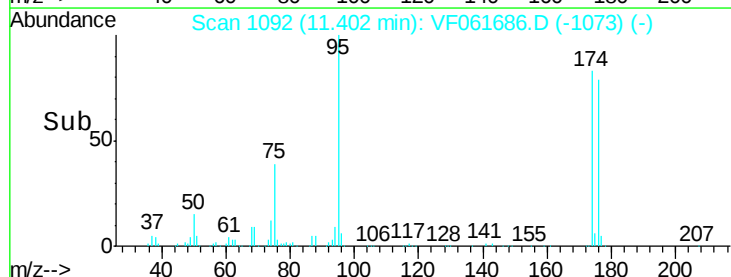
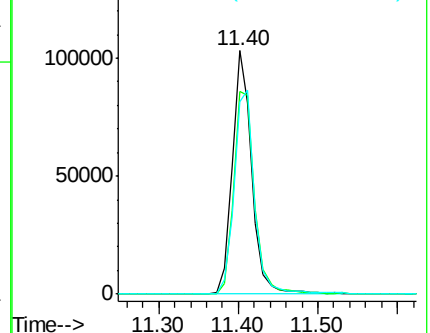
176 79.2 0.0 167.0

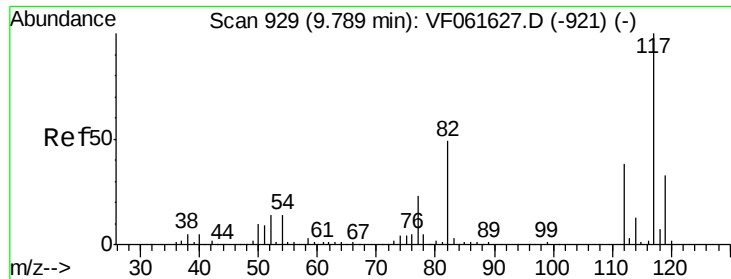


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

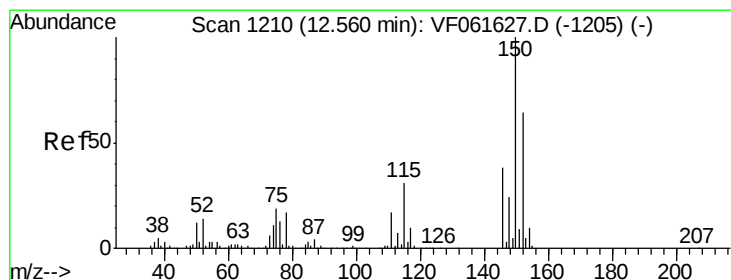
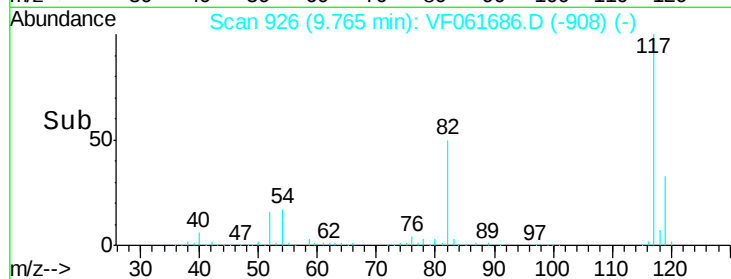
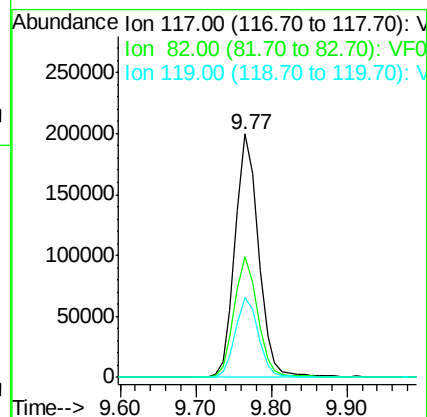
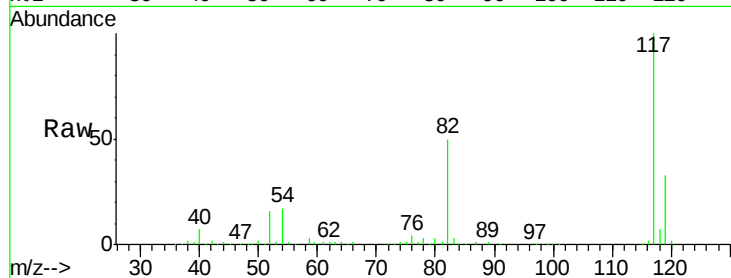




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061686.D
Acq: 18 Feb 2019 18:53

Instrument :
MSVOA_F
ClientSampleId :
M-14-D

Tot Ion:117 Resp: 430074
Ion Ratio Lower Upper
117 100
82 49.8 39.3 58.9
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061686.D
Acq: 18 Feb 2019 18:53

Tgt Ion:152 Resp: 200731
Ion Ratio Lower Upper
152 100
115 50.8 24.3 72.8
150 152.4 0.0 312.0

