

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\
 Data File : VF061589.D
 Acq On : 11 Feb 2019 16:41
 Operator : VA/AP
 Sample : K1453-15
 Misc : 7.46g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-9-D

Quant Time: Feb 12 04:43:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

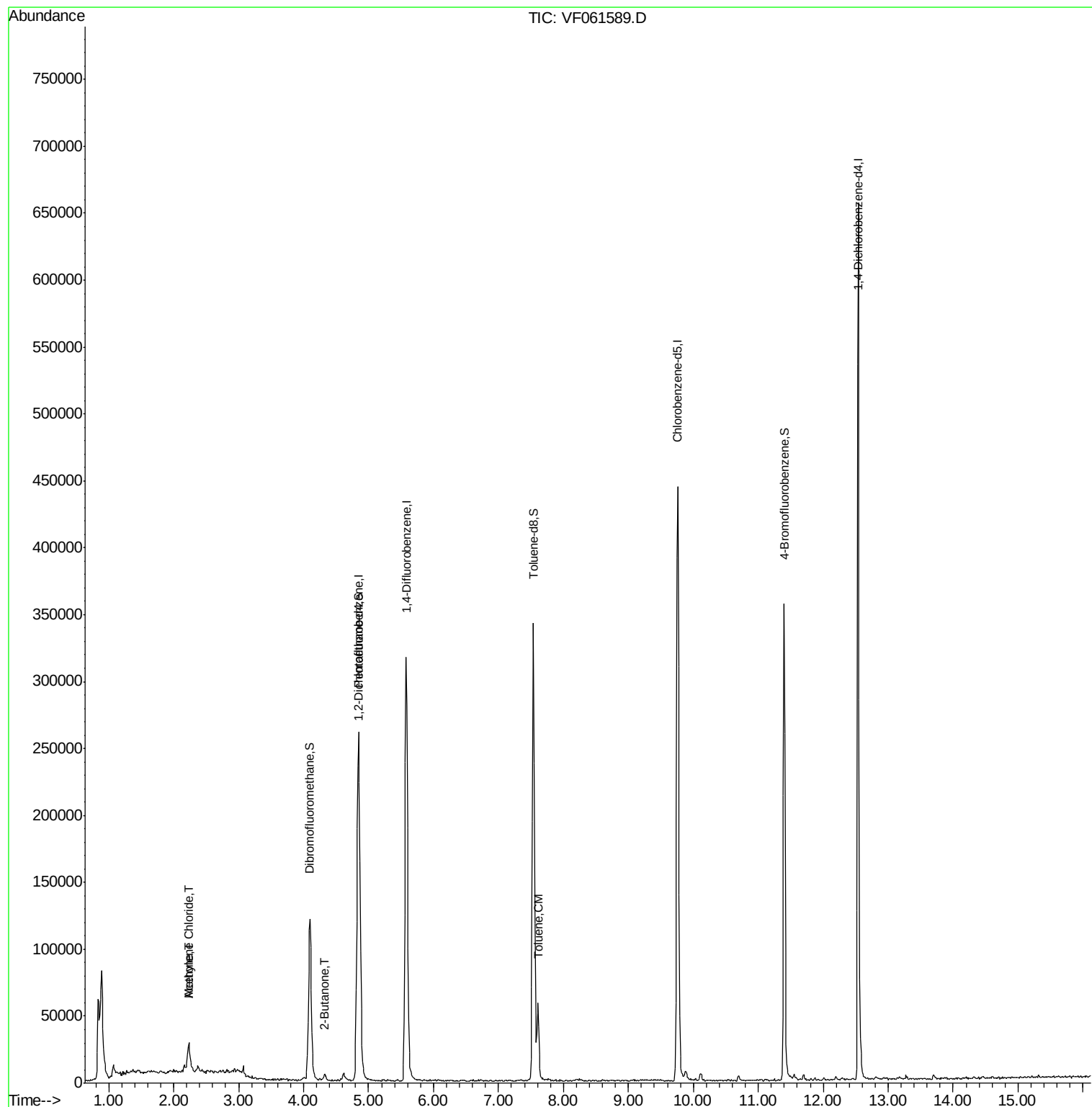
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	186593	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	336771	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	315533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	161918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	104786	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
35) Dibromofluoromethane	4.10	113	118427	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
50) Toluene-d8	7.54	98	288465	39.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.24%	
62) 4-Bromofluorobenzene	11.40	95	135638	39.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.74%	
Target Compounds						
16) Acetone	2.23	43	31803	68.815	ug/l	97
20) Methylene Chloride	2.23	84	5154m	1.584	ug/l	
25) 2-Butanone	4.33	43	9190	11.958	ug/l #	85
52) Toluene	7.61	92	29764	5.202	ug/l	93

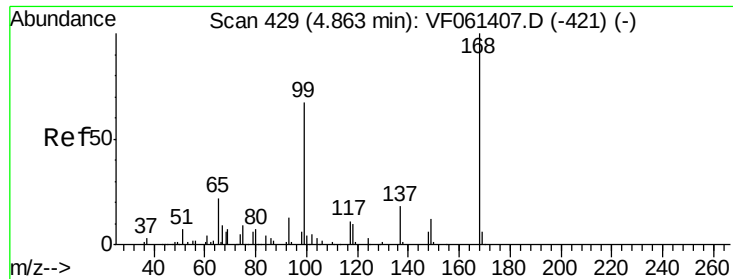
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061589.D

Acq: 11 Feb 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

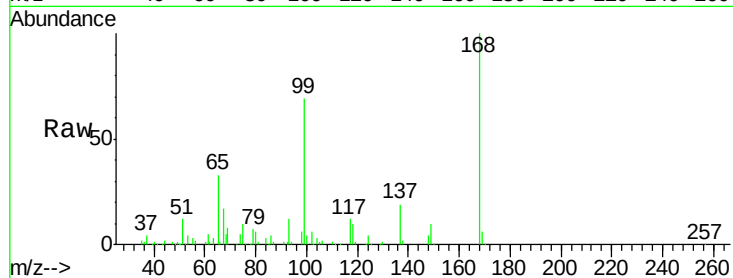
M-9-D

Tot Ion:168 Resp: 186593

Ion Ratio Lower Upper

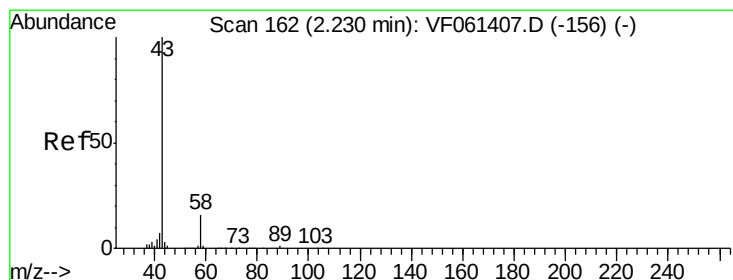
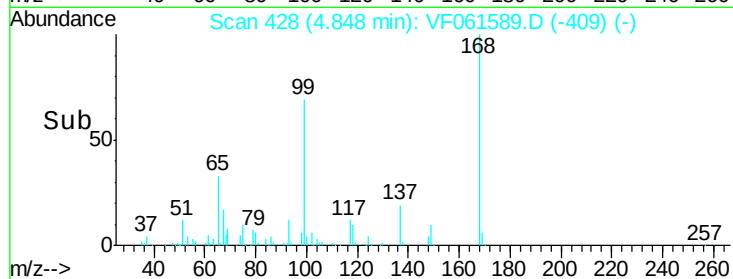
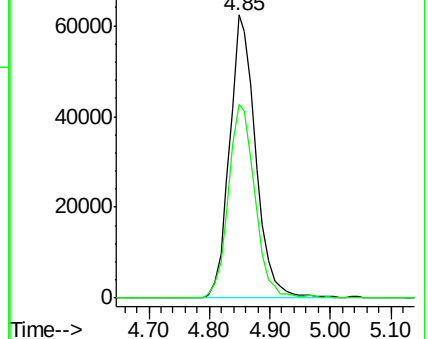
168 100

99 68.5 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 68.815 ug/l

RT: 2.23 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061589.D

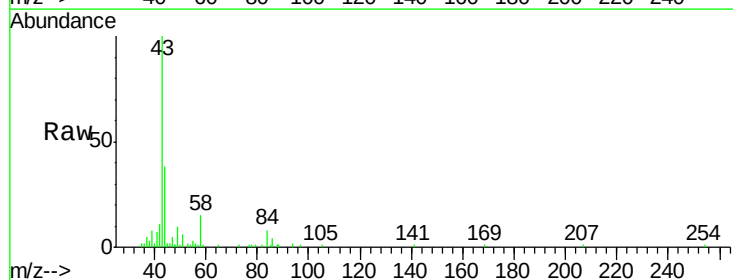
Acq: 11 Feb 2019 16:41

Tgt Ion: 43 Resp: 31803

Ion Ratio Lower Upper

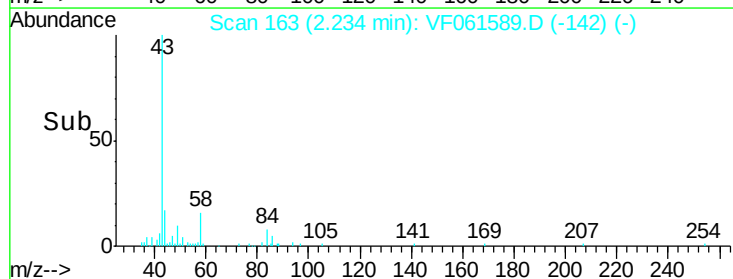
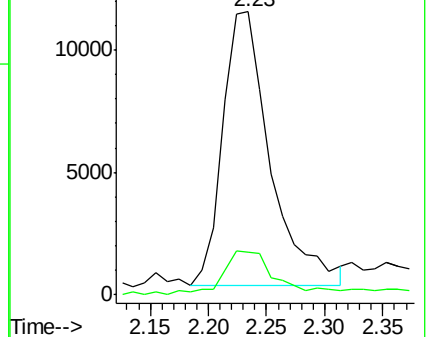
43 100

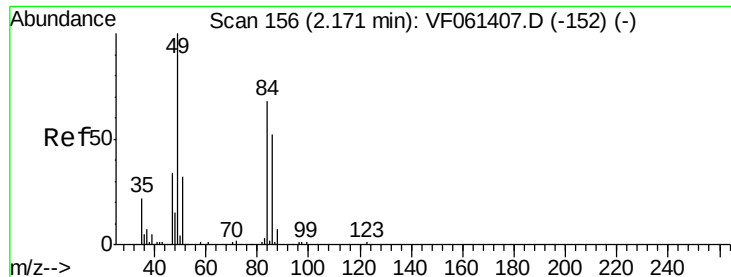
58 15.3 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

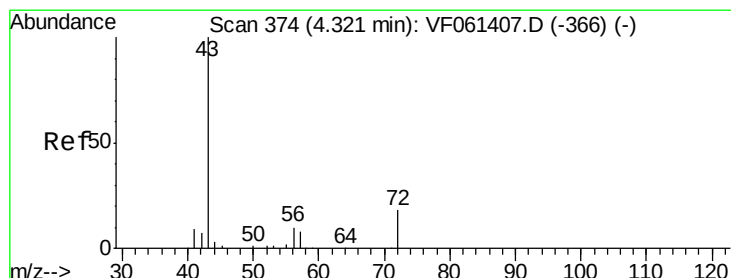
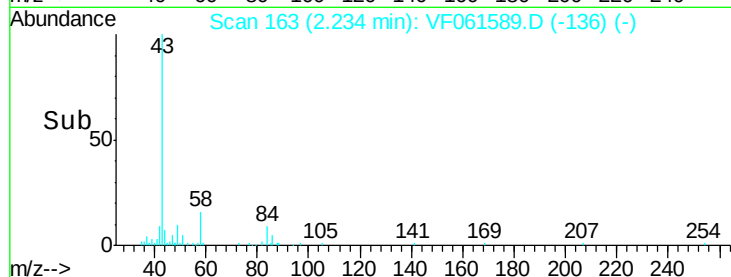
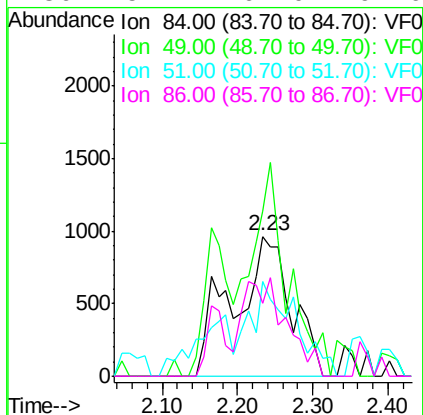
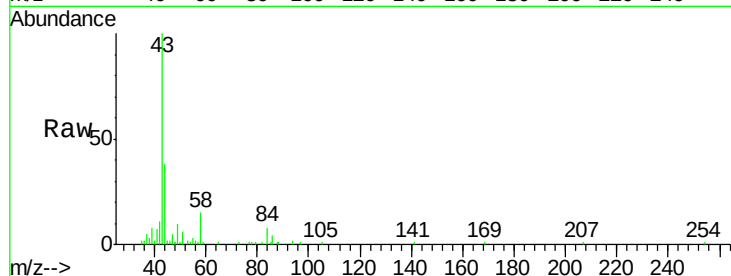




#20
Methylene Chloride
Concen: 1.584 ug/l m
RT: 2.23 min Scan# 163
Delta R.T. 0.06 min
Lab File: VF061589.D
Acq: 11 Feb 2019 16:41

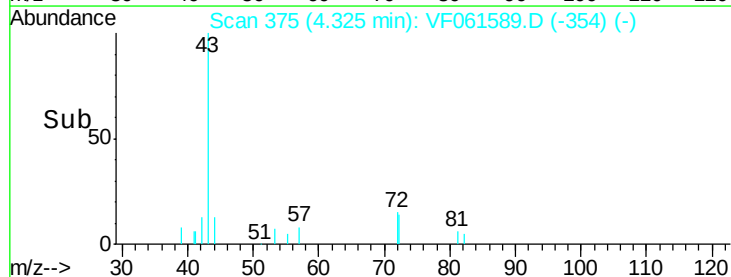
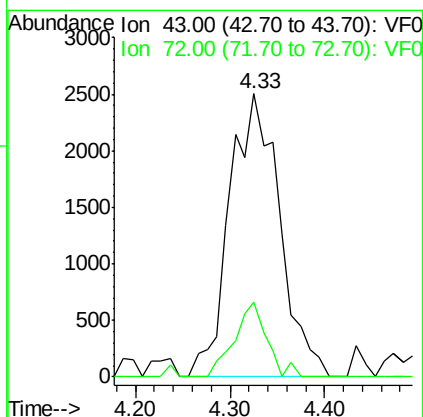
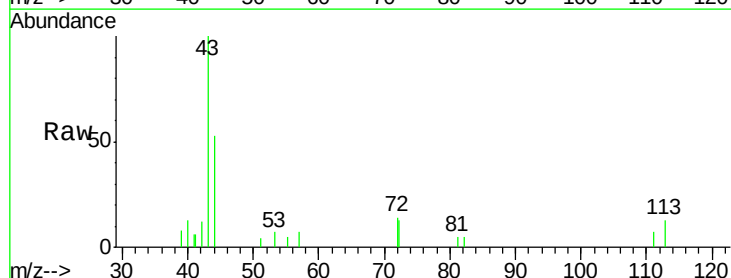
Instrument :
MSVOA_F
ClientSampleId :
M-9-D

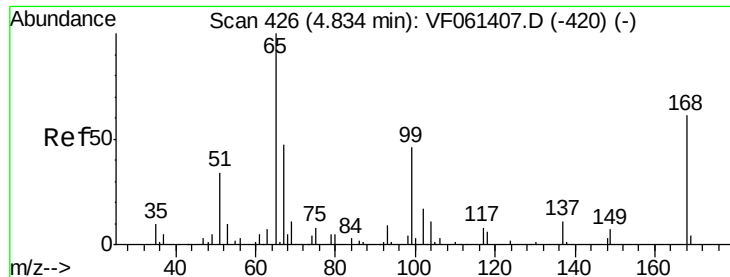
Tot Ion: 84 Resp: 5154
Ion Ratio Lower Upper
84 100
49 118.2 120.0 180.0#
51 68.3 38.6 58.0#
86 52.1 61.0 91.6#



#25
2-Butanone
Concen: 11.958 ug/l
RT: 4.33 min Scan# 375
Delta R.T. 0.00 min
Lab File: VF061589.D
Acq: 11 Feb 2019 16:41

Tgt Ion: 43 Resp: 9190
Ion Ratio Lower Upper
43 100
72 26.6 15.8 23.6#





#33

1,2-Dichloroethane-d4

Concen: 45.485 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061589.D

Acq: 11 Feb 2019 16:41

Instrument :

MSVOA_F

ClientSampled :

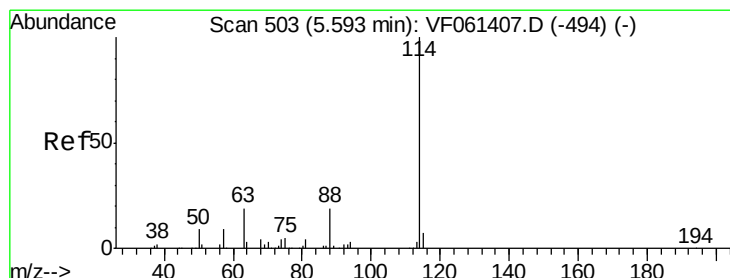
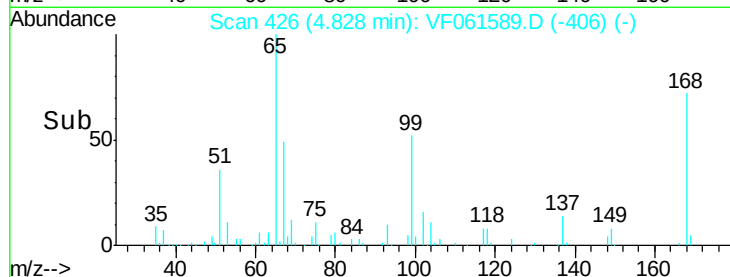
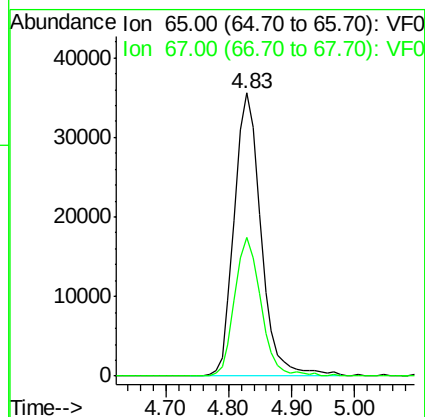
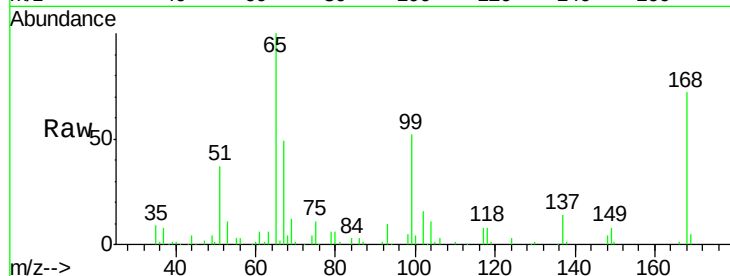
M-9-D

Tot Ion: 65 Resp: 104786

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061589.D

Acq: 11 Feb 2019 16:41

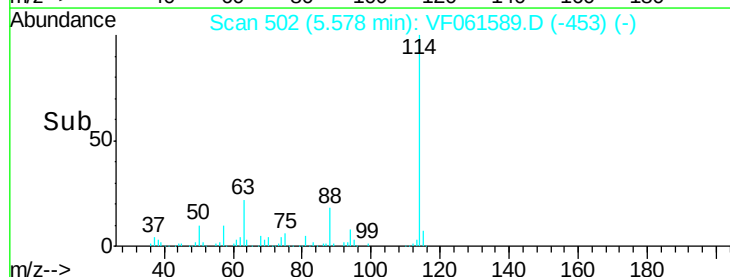
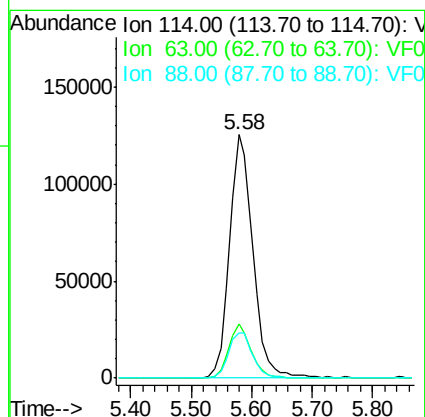
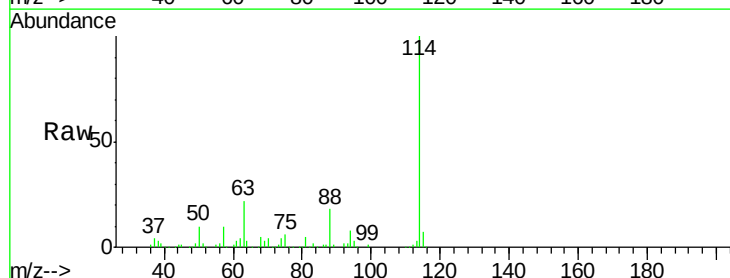
Tgt Ion: 114 Resp: 336771

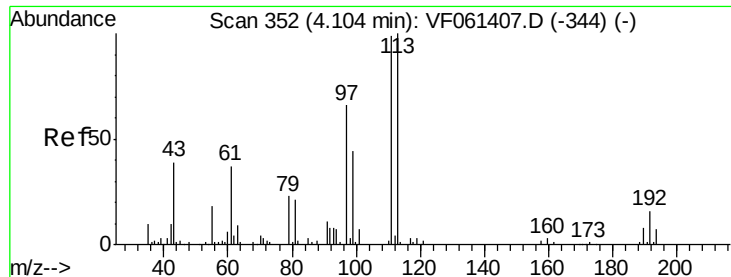
Ion Ratio Lower Upper

114 100

63 22.3 0.0 39.0

88 18.4 0.0 37.4

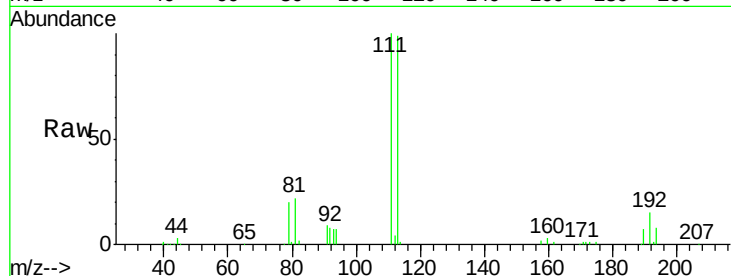




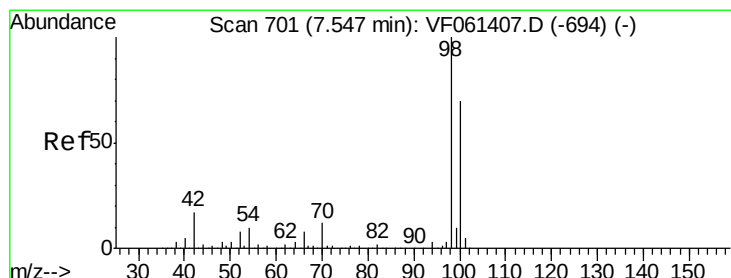
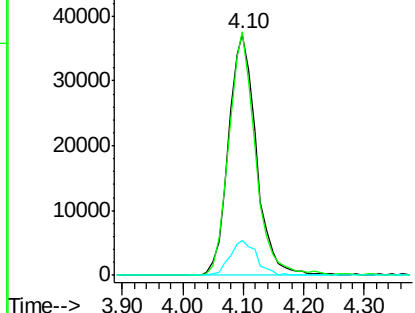
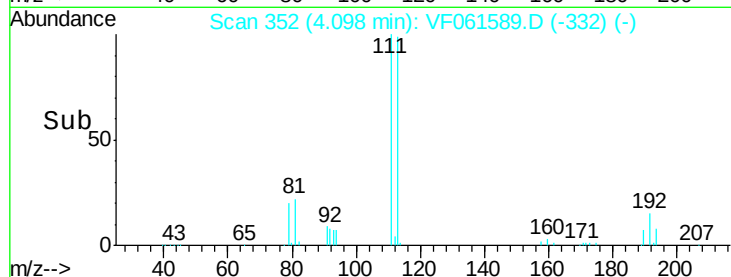
#35
 Dibromofluoromethane
 Concen: 44.565 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VF061589.D
 Acq: 11 Feb 2019 16:41

Instrument :
 MSVOA_F
 ClientSampleId :
 M-9-D

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	79.4	119.0
192	14.7	12.4	18.6

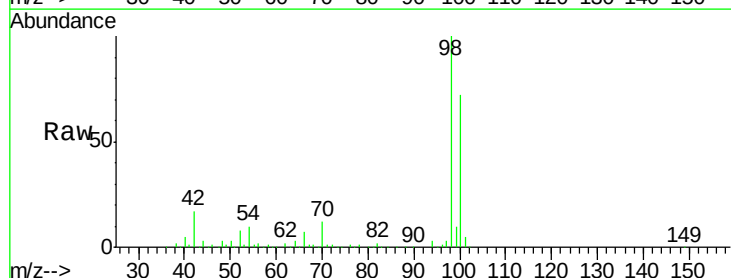


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

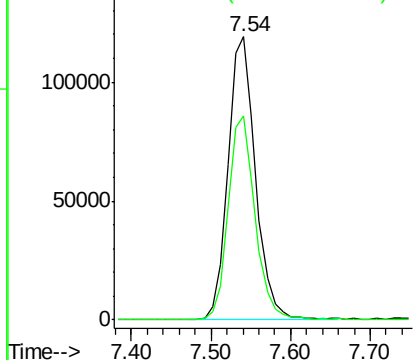
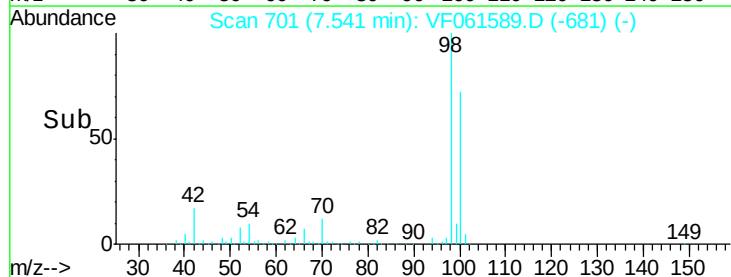


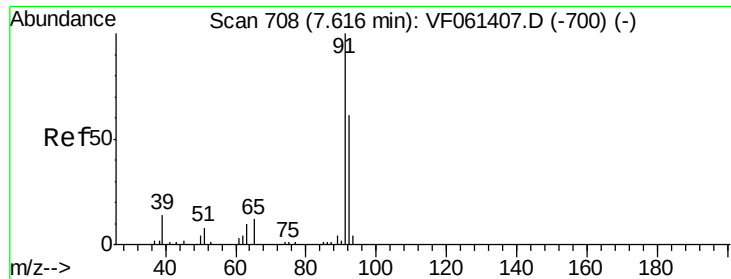
#50
 Toluene-d8
 Concen: 39.620 ug/l
 RT: 7.54 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: VF061589.D
 Acq: 11 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	71.9	55.6	83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF0





#52

Toluene

Concen: 5.202 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.01 min

Lab File: VF061589.D

Acq: 11 Feb 2019 16:41

Instrument :

MSVOA_F

ClientSampleId :

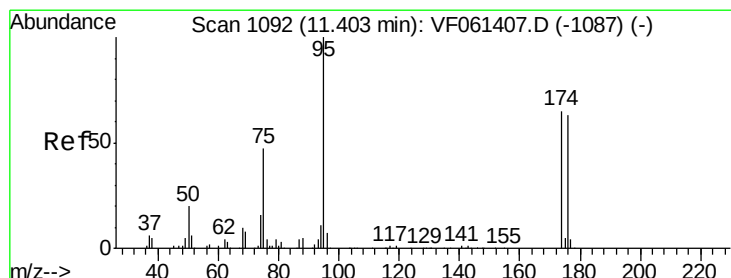
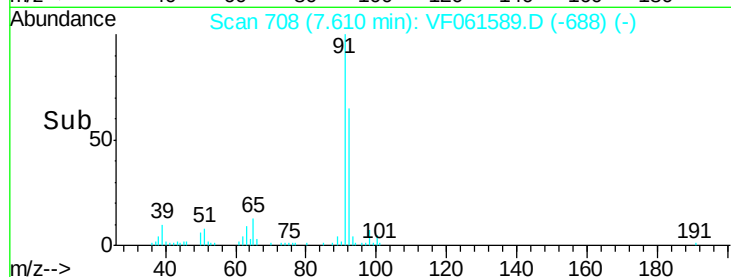
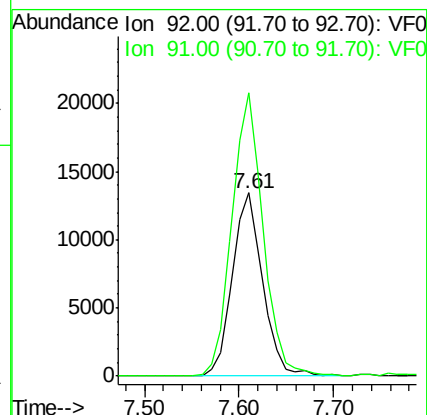
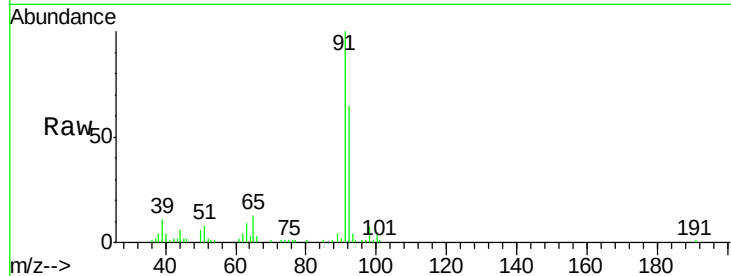
M-9-D

Tot Ion: 92 Resp: 29764

Ion Ratio Lower Upper

92 100

91 154.4 131.2 196.8



#62

4-Bromofluorobenzene

Concen: 39.872 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061589.D

Acq: 11 Feb 2019 16:41

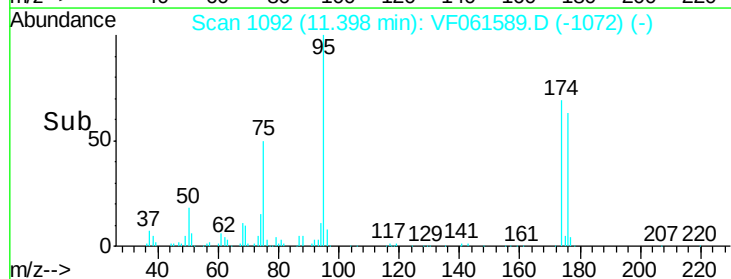
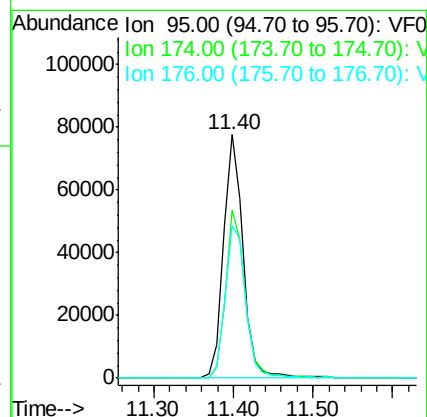
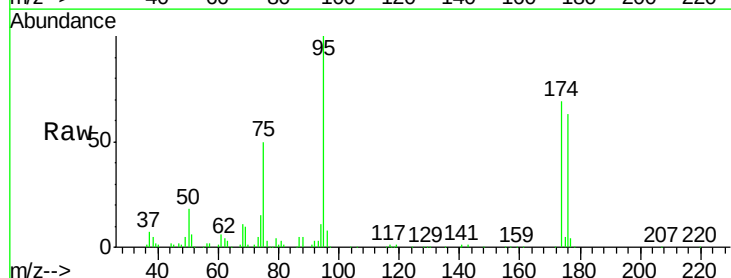
Tgt Ion: 95 Resp: 135638

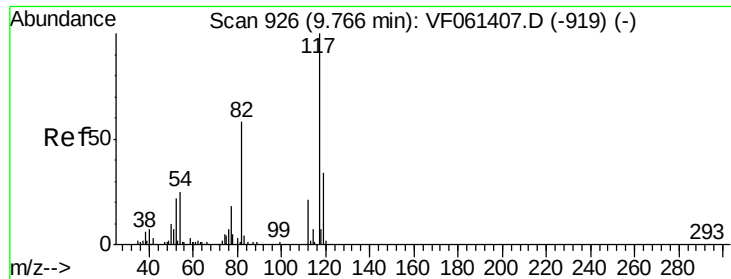
Ion Ratio Lower Upper

95 100

174 69.2 0.0 130.4

176 62.9 0.0 126.2

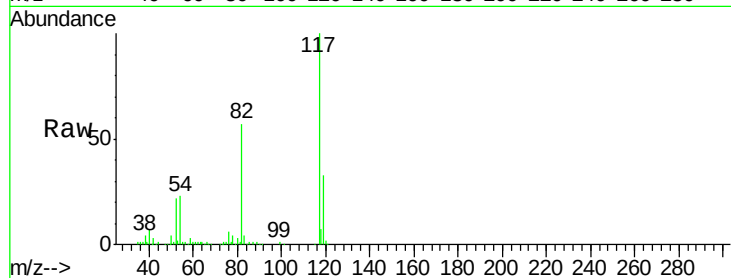




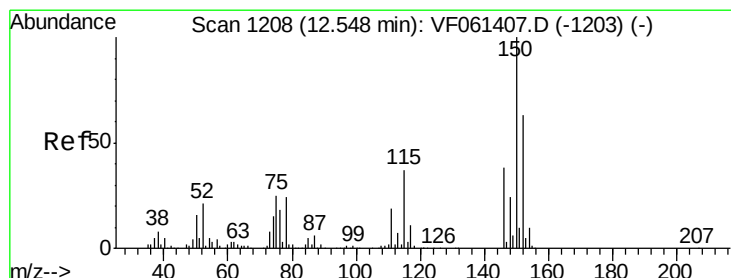
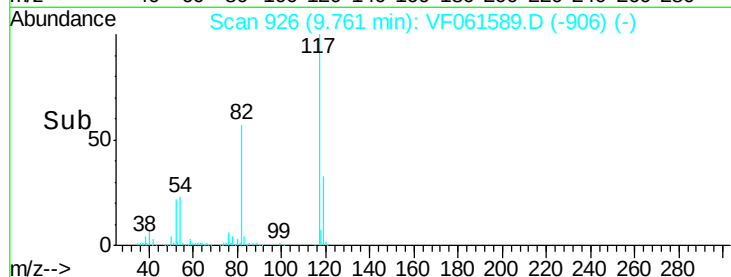
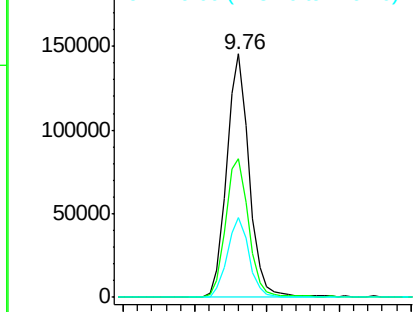
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061589.D
Acq: 11 Feb 2019 16:41

Instrument :
MSVOA_F
ClientSampleId :
M-9-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.4	69.6
119	32.7	27.2	40.8

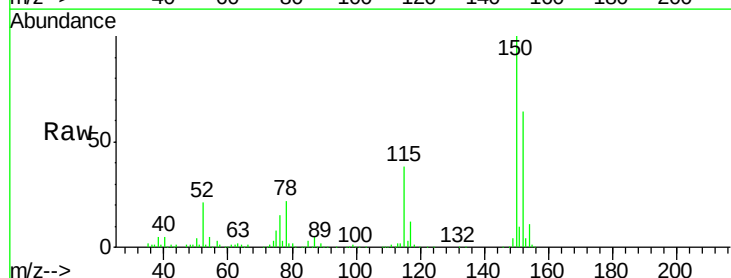


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061589.D
Acq: 11 Feb 2019 16:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.0	90.0
150	157.1	0.0	321.4



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

