

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011019\
 Data File : VF061356.D
 Acq On : 10 Jan 2019 21:04
 Operator : VA/AP
 Sample : K1005-01
 Misc : 7.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

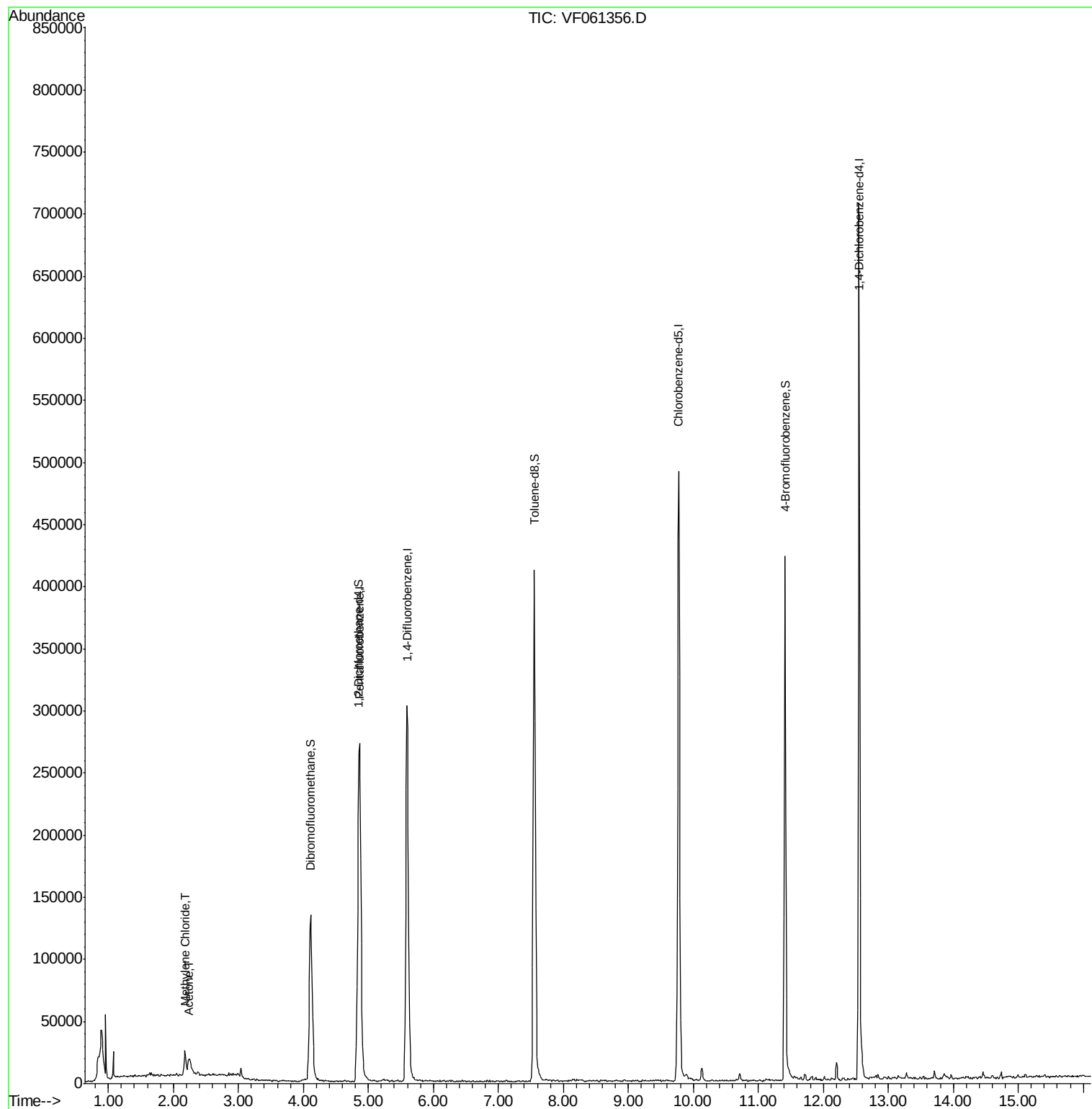
Quant Time: Jan 11 01:17:53 2019
 Quant Method : Z:\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

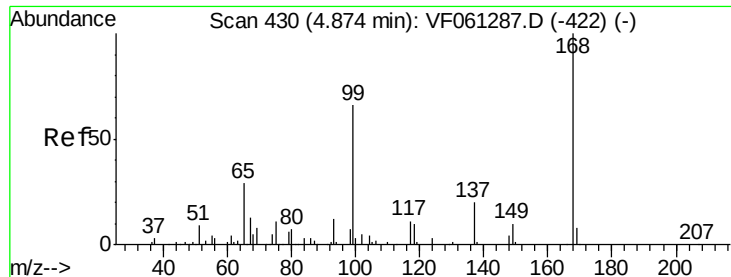
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	197177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	352463	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.78	117	350052	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	172370	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	123261	56.16	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.32%	
35) Dibromofluoromethane	4.11	113	130163	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	7.56	98	354582	44.43	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.41	95	169665	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
Target Compounds						
16) Acetone	2.23	43	8617	16.878	ug/l #	90
20) Methylene Chloride	2.18	84	14505m	6.716	ug/l	

(#) = 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. -0.00 min

Lab File: VF061356.D

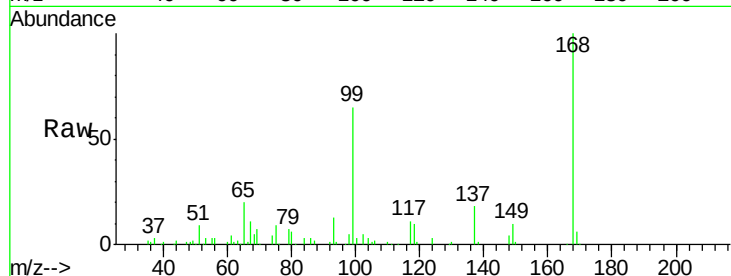
Acq: 10 Jan 2019 21:04

Tot Ion:168 Resp: 197177

Ion Ratio Lower Upper

168 100

99 64.7 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

60000

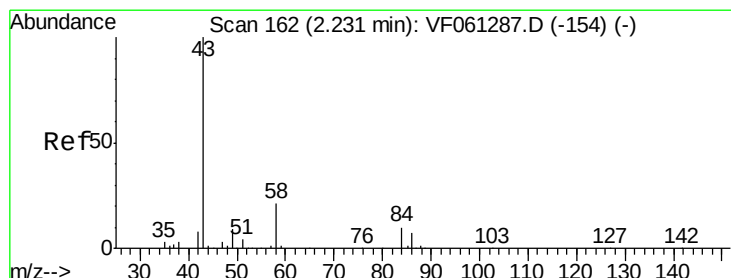
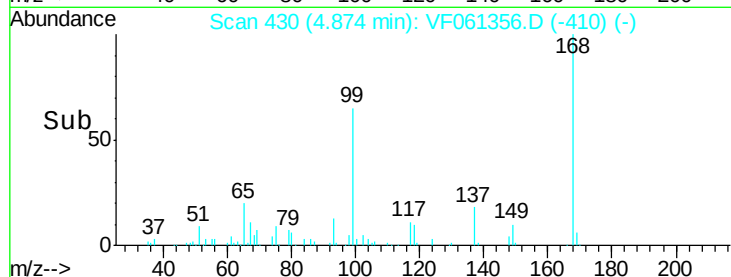
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 16.878 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF061356.D

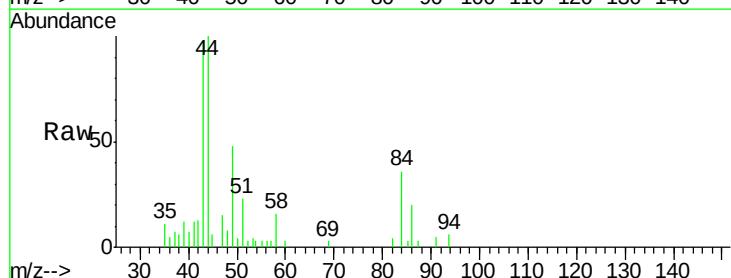
Acq: 10 Jan 2019 21:04

Tgt Ion: 43 Resp: 8617

Ion Ratio Lower Upper

43 100

58 16.3 16.6 25.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

4000

3000

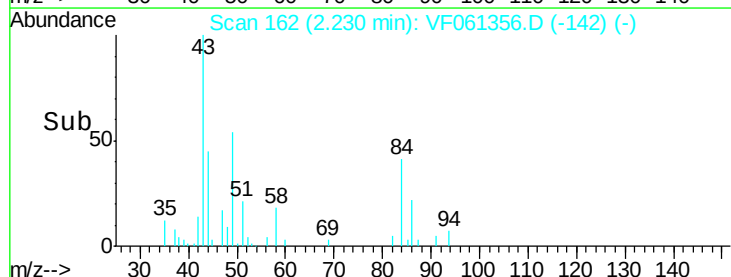
2000

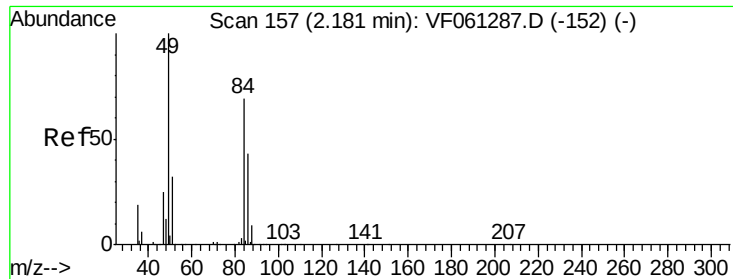
1000

0

Time-->

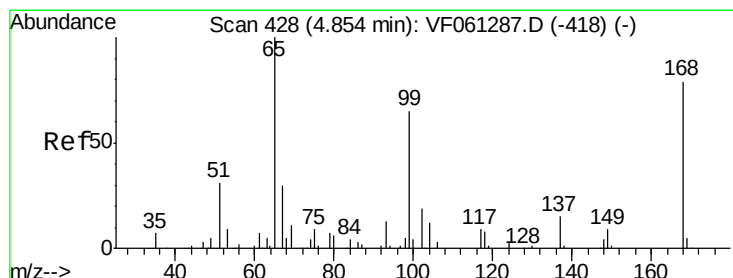
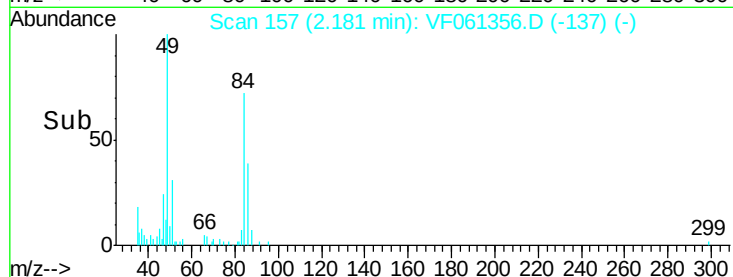
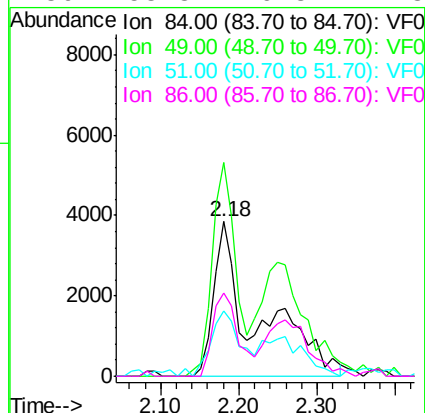
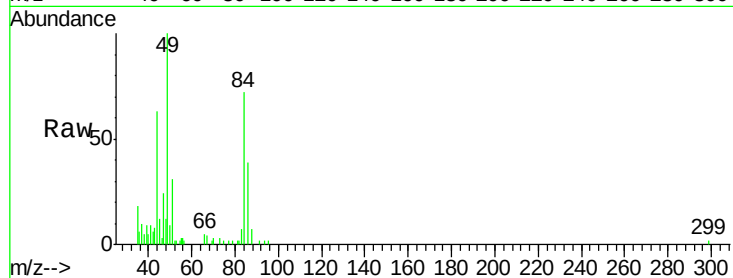
2.15 2.20 2.25 2.30 2.35





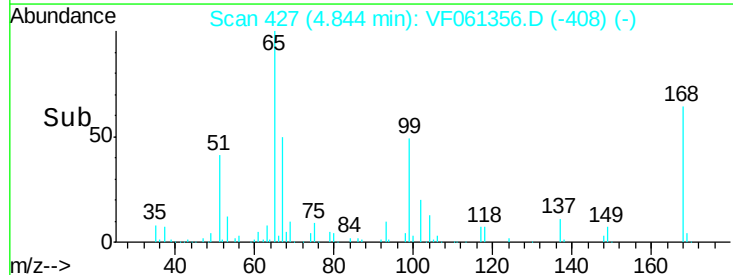
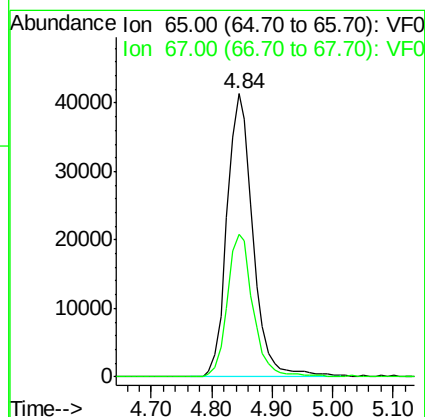
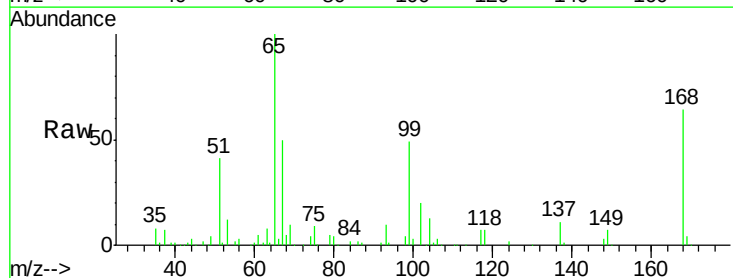
#20
Methylene Chloride
Concen: 6.716 ug/l m
RT: 2.18 min Scan# 157
Delta R.T. -0.00 min
Lab File: VF061356.D
Acq: 10 Jan 2019 21:04

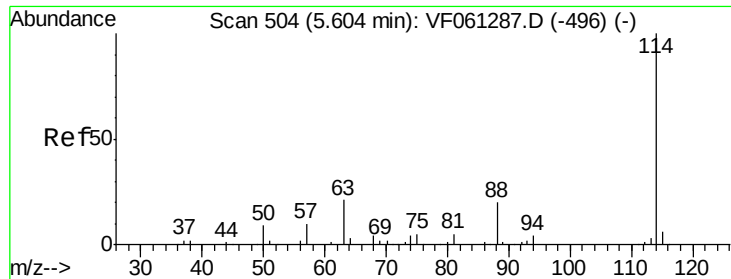
Tot Ion: 84 Resp: 14505
Ion Ratio Lower Upper
84 100
49 137.9 116.6 175.0
51 42.1 37.7 56.5
86 53.8 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 56.163 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.01 min
Lab File: VF061356.D
Acq: 10 Jan 2019 21:04

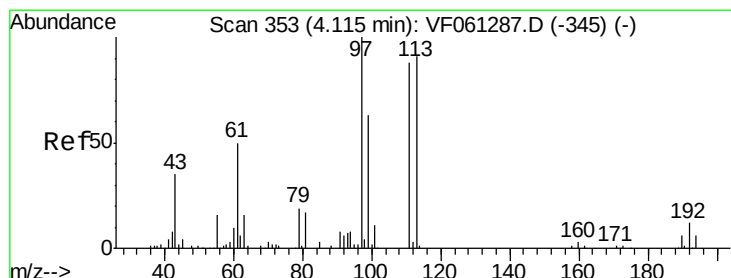
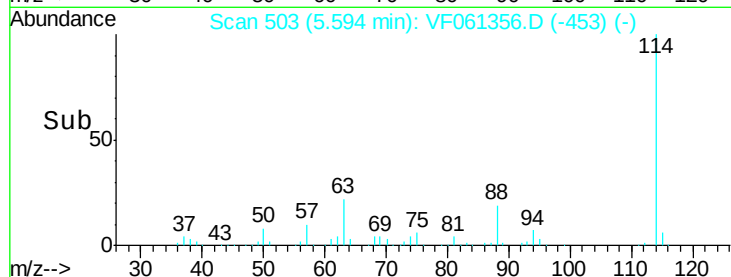
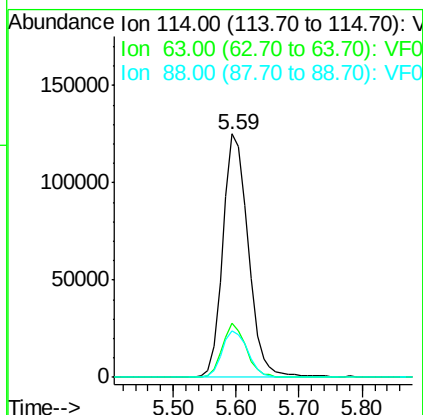
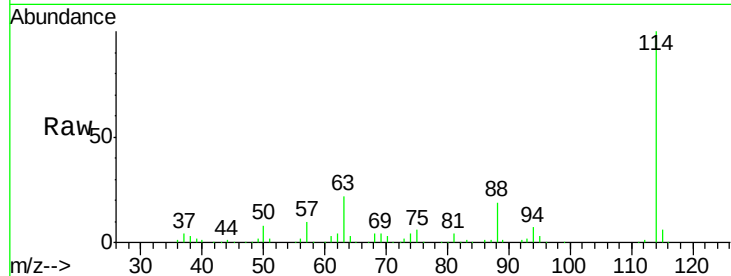
Tgt Ion: 65 Resp: 123261
Ion Ratio Lower Upper
65 100
67 50.5 0.0 98.2





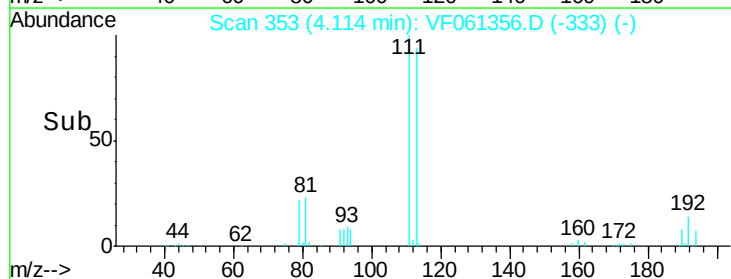
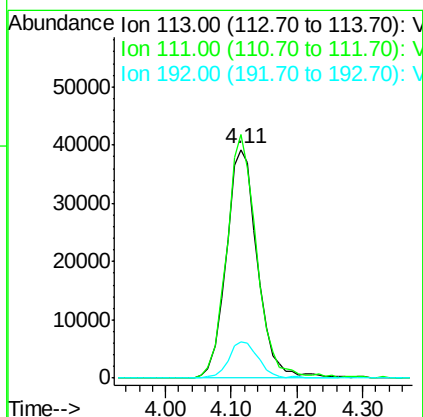
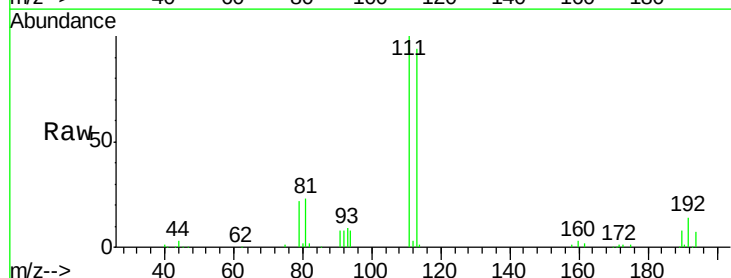
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.59 min Scan# 503
Delta R.T. -0.01 min
Lab File: VF061356.D
Acq: 10 Jan 2019 21:04

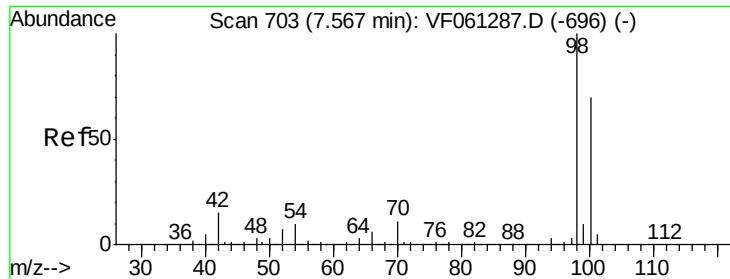
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.8
88	19.3	0.0	40.0



#35
Dibromofluoromethane
Concen: 48.264 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.00 min
Lab File: VF061356.D
Acq: 10 Jan 2019 21:04

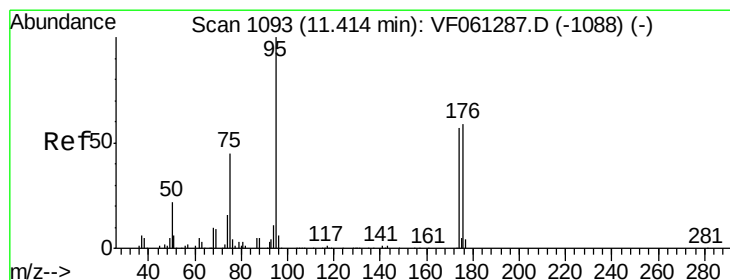
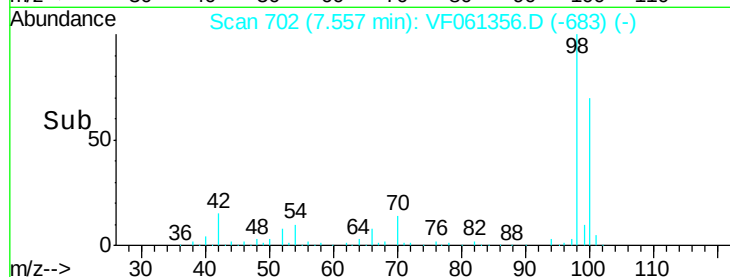
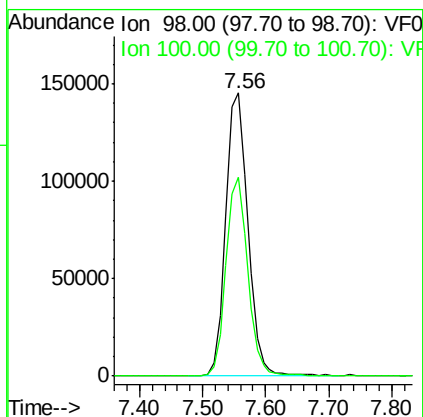
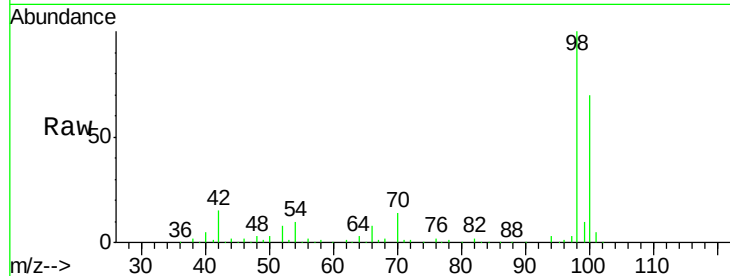
Tgt Ion	Ratio	Lower	Upper
113	100		
111	106.6	78.0	117.0
192	15.8	10.6	16.0





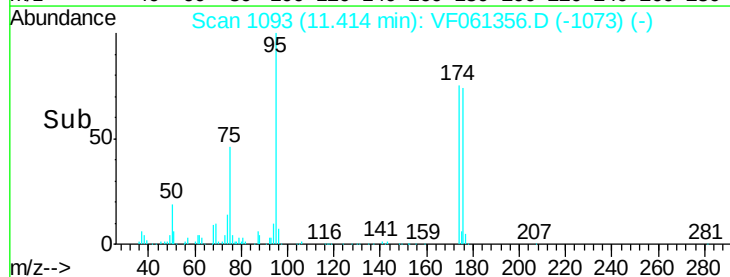
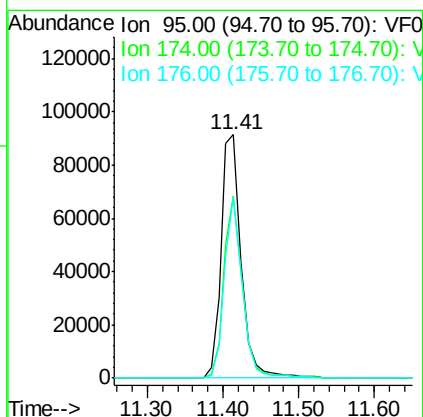
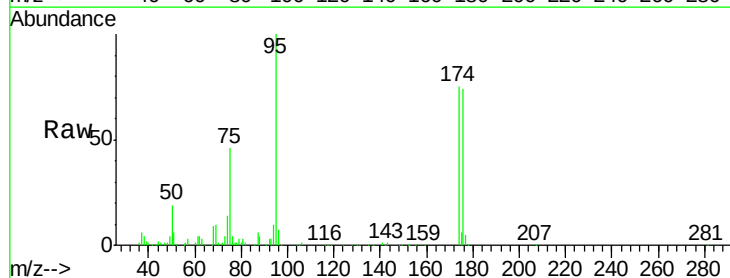
#50
Toluene-d8
Concen: 44.429 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061356.D
Acq: 10 Jan 2019 21:04

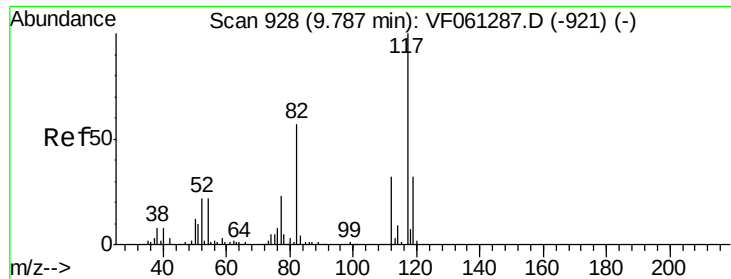
Tot Ion: 98 Resp: 354582
Ion Ratio Lower Upper
98 100
100 70.4 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 48.685 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VF061356.D
Acq: 10 Jan 2019 21:04

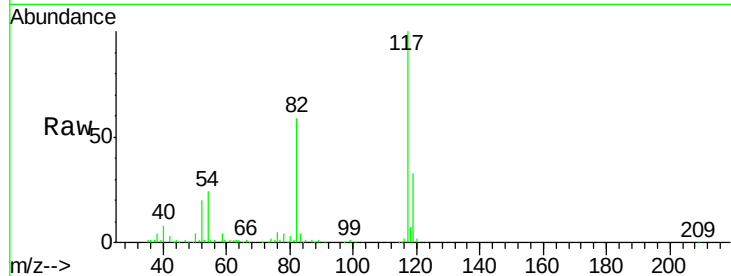
Tgt Ion: 95 Resp: 169665
Ion Ratio Lower Upper
95 100
174 75.0 0.0 114.2
176 74.4 0.0 117.8



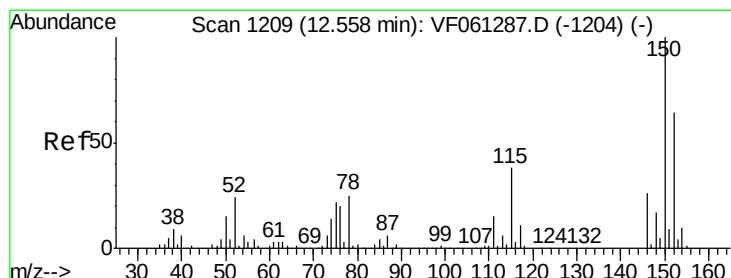
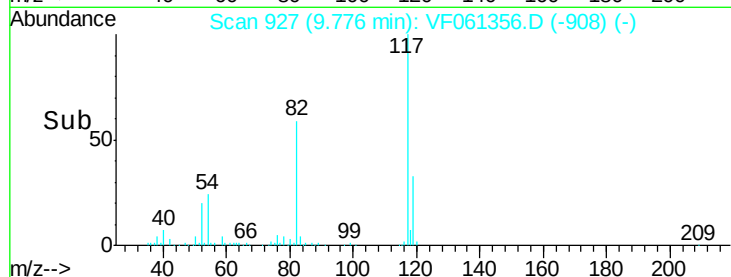
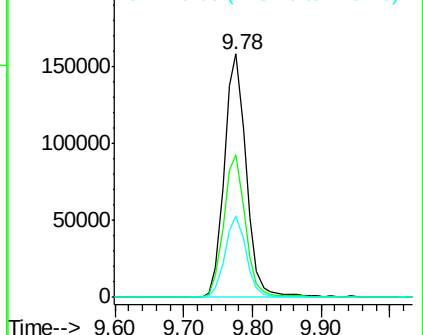


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061356.D
Acq: 10 Jan 2019 21:04

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.3	67.9
119	33.3	25.4	38.0

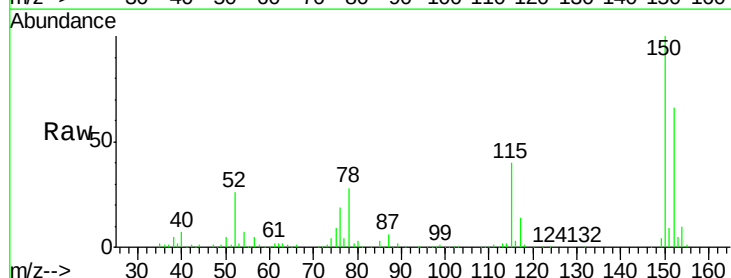


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061356.D
Acq: 10 Jan 2019 21:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.6	88.9
150	152.5	0.0	315.4



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

