

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF122418\
 Data File : VF061163.D
 Acq On : 24 Dec 2018 14:14
 Operator : VA/AP
 Sample : J6389-06
 Misc : 5.84g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS013-0612-01

Quant Time: Dec 25 00:24:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 2018
 Response via : Initial Calibration

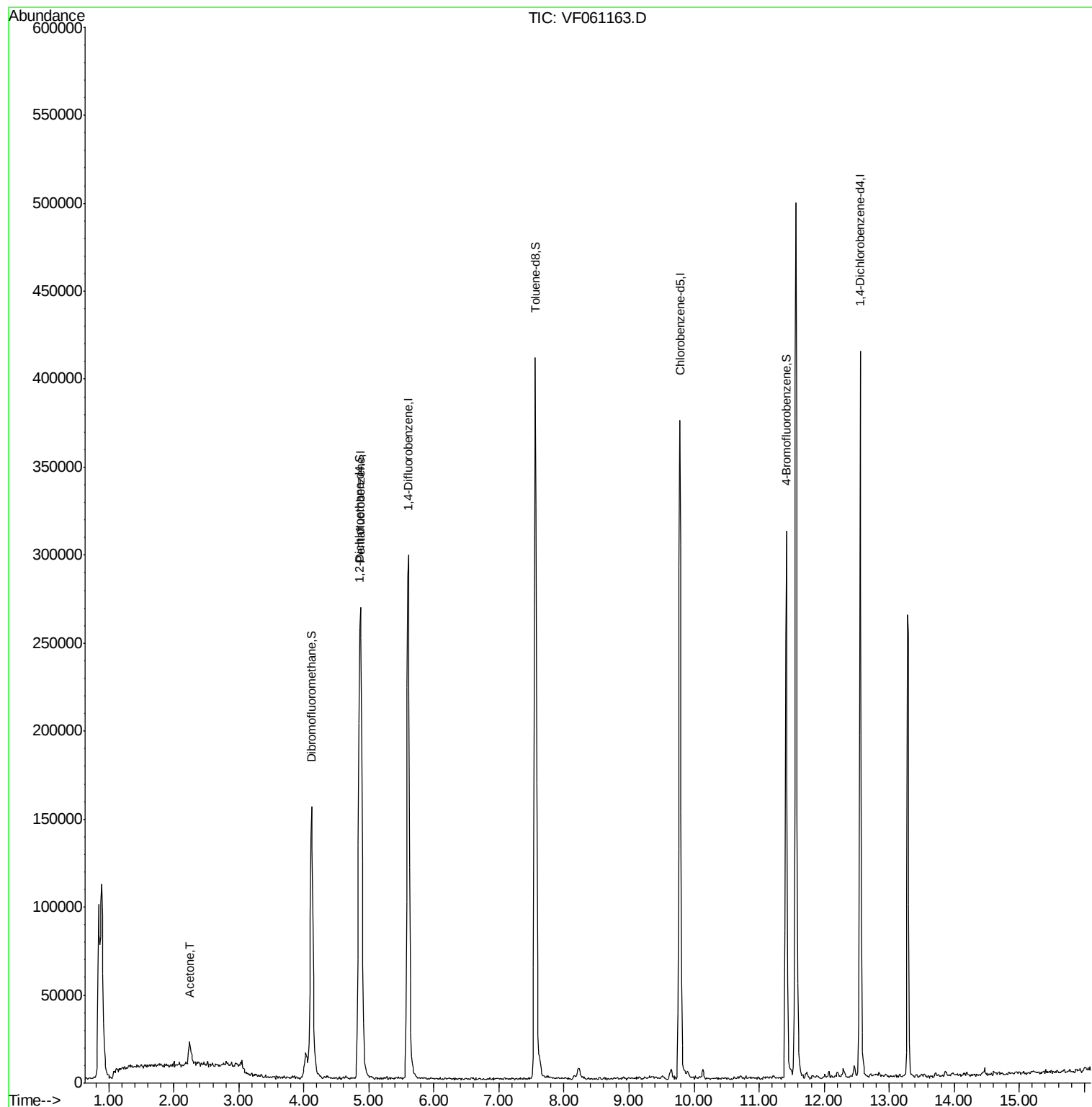
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	196260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	351610	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	262598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	96805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	128757	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	4.12	113	145765	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
50) Toluene-d8	7.56	98	346814	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
62) 4-Bromofluorobenzene	11.42	95	122224	33.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.44%	
Target Compounds						
16) Acetone	2.24	43	25208	49.954	ug/l	Qvalue 97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.00 min

Lab File: VF061163.D

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MSVOA_F

ClientSampleId :

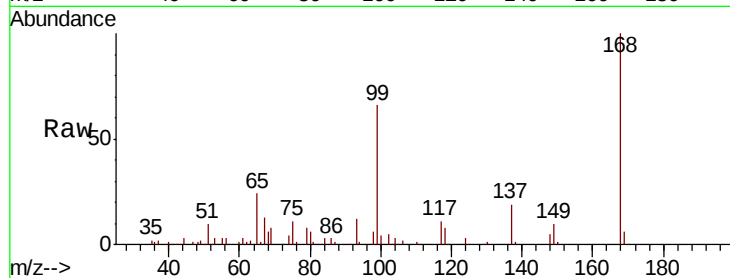
P001-SS013-0612-01

Tot Ion:168 Resp: 196260

Ion Ratio Lower Upper

168 100

99 66.2 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

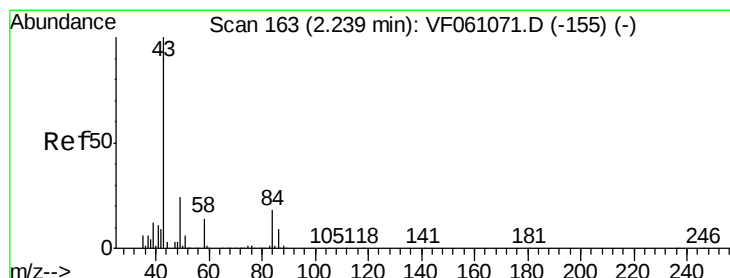
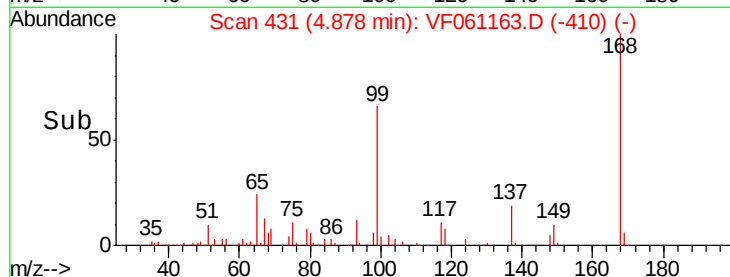
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 49.954 ug/l

RT: 2.24 min Scan# 164

Delta R.T. 0.00 min

Lab File: VF061163.D

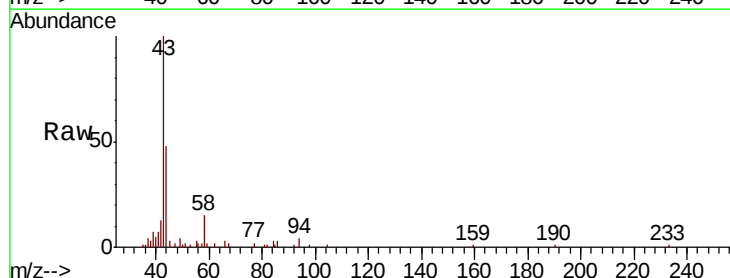
Acq: 24 Dec 2018 14:14

Tgt Ion: 43 Resp: 25208

Ion Ratio Lower Upper

43 100

58 15.0 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

10000

8000

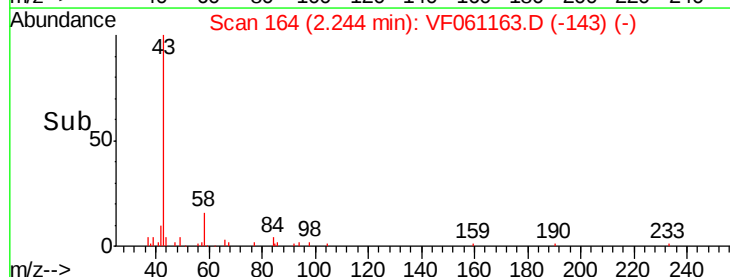
6000

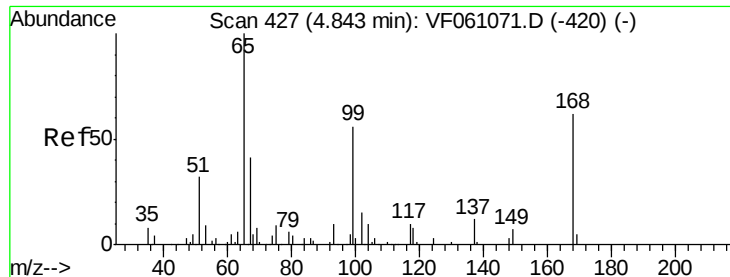
4000

2000

0

Time--> 2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 51.008 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF061163.D

Acq: 24 Dec 2018 14:14

Instrument :

MSVOA_F

ClientSampleId :

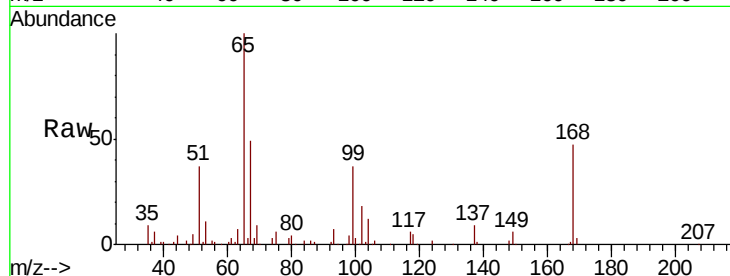
P001-SS013-0612-01

Tot Ion: 65 Resp: 128757

Ion Ratio Lower Upper

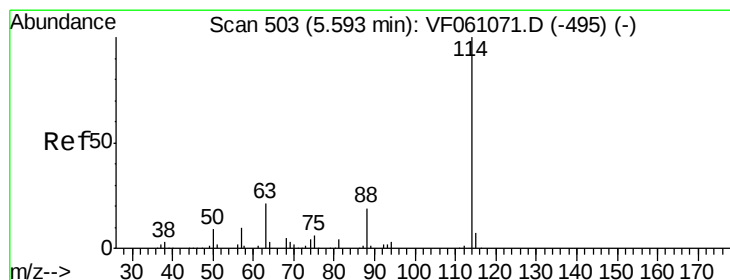
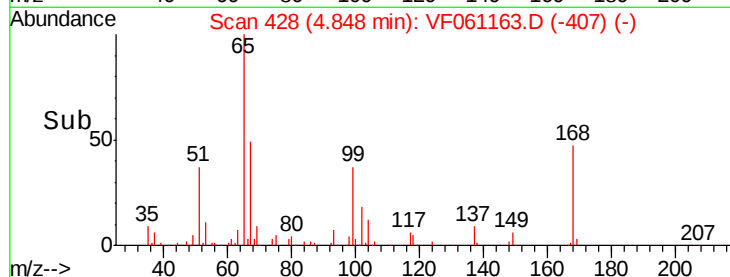
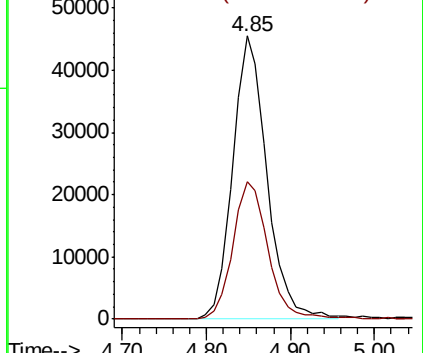
65 100

67 48.7 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF061163.D

Acq: 24 Dec 2018 14:14

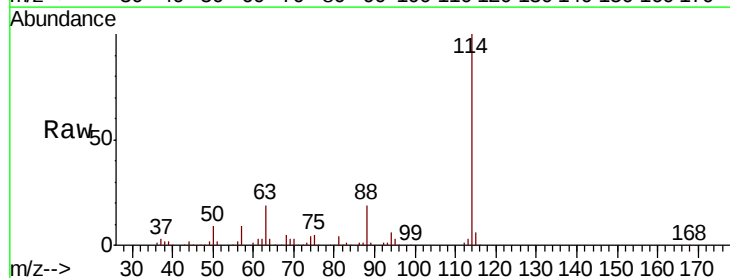
Tgt Ion: 114 Resp: 351610

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

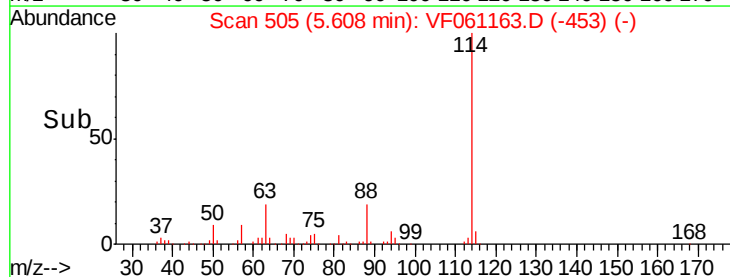
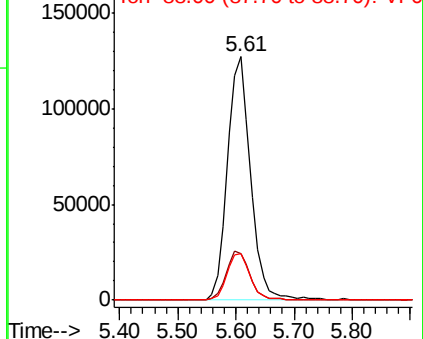
88 18.9 0.0 38.0

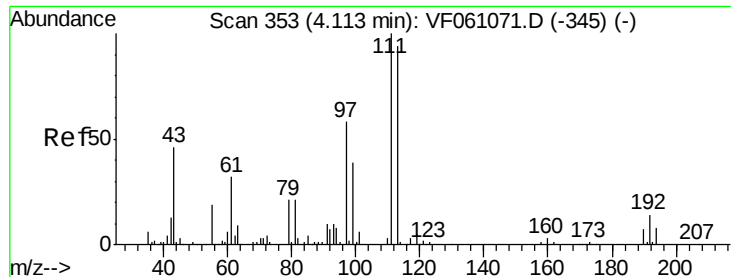


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

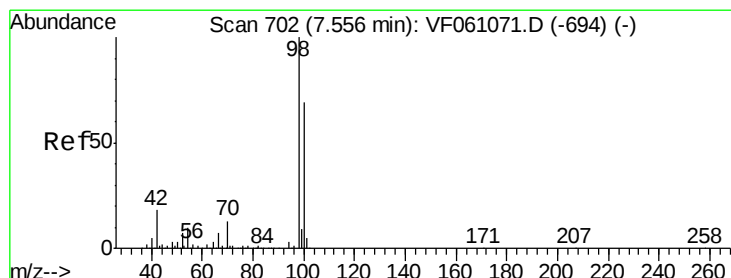
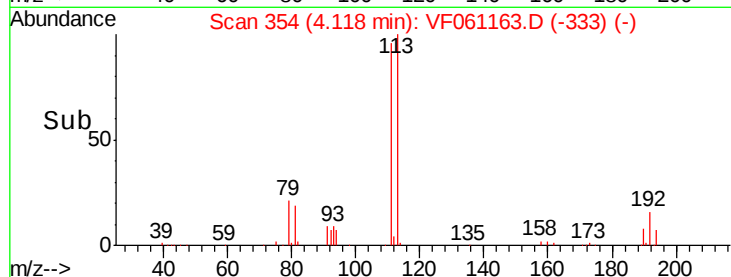
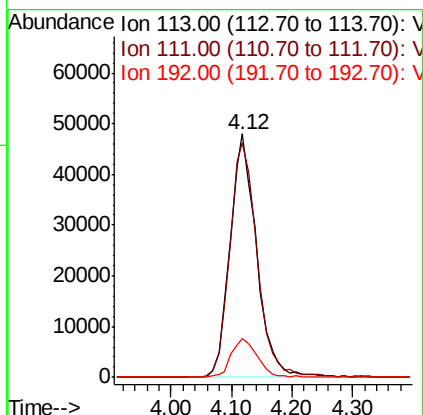
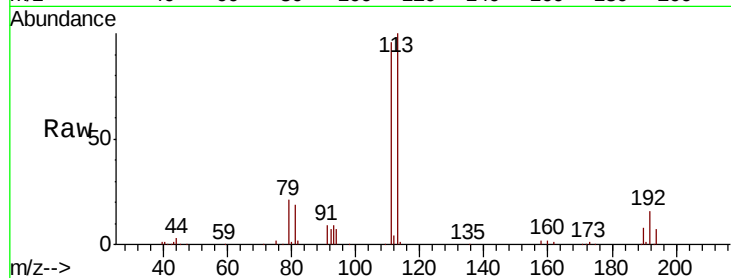




#35
 Dibromofluoromethane
 Concen: 51.752 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VF061163.D
 Acq: 24 Dec 2018 14:14

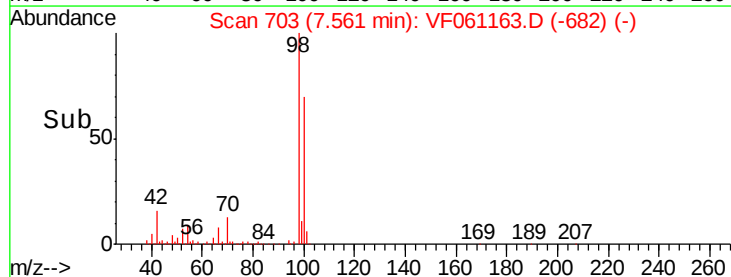
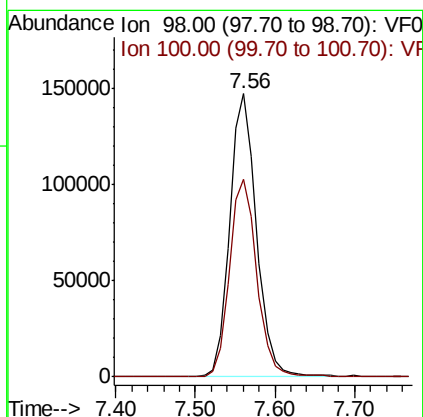
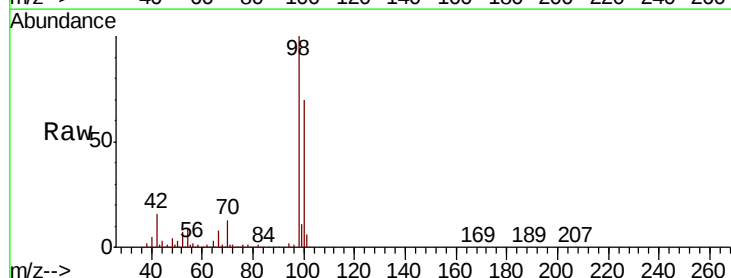
Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS013-0612-01

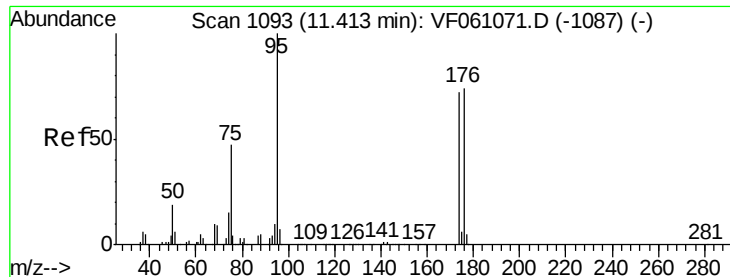
Tot Ion	Ratio	Lower	Upper
113	100		
111	96.5	85.2	127.8
192	16.0	12.8	19.2



#50
 Toluene-d8
 Concen: 43.450 ug/l
 RT: 7.56 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VF061163.D
 Acq: 24 Dec 2018 14:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	69.6	55.3	82.9

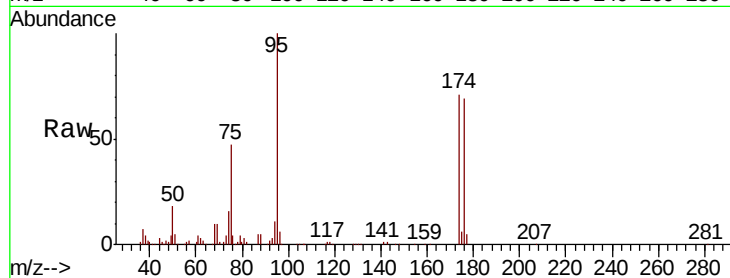




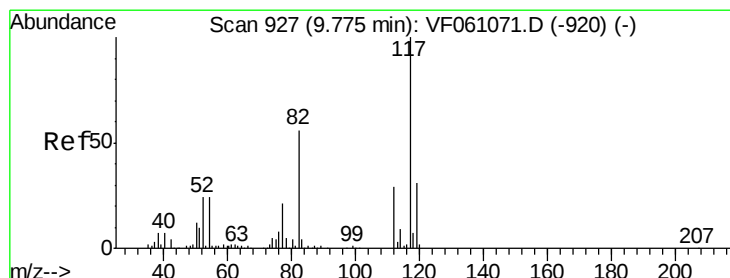
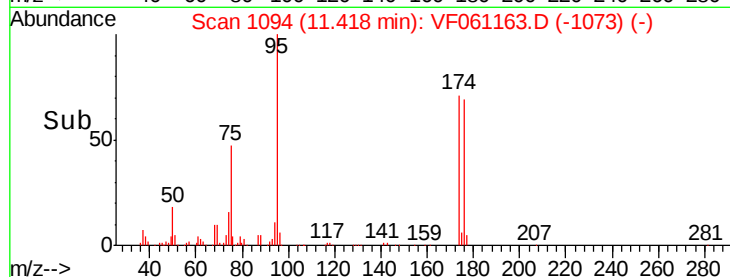
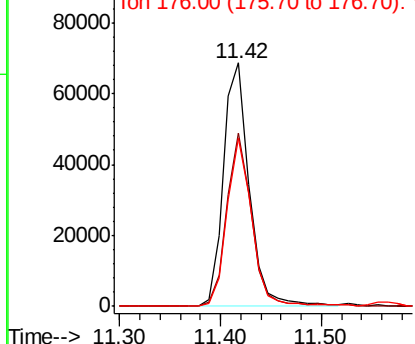
#62
4-Bromofluorobenzene
Concen: 33.215 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Instrument :
MSVOA_F
ClientSampleId :
P001-SS013-0612-01

Tot Ion: 95 Resp: 122224
Ion Ratio Lower Upper
95 100
174 71.0 0.0 143.8
176 69.3 0.0 147.6

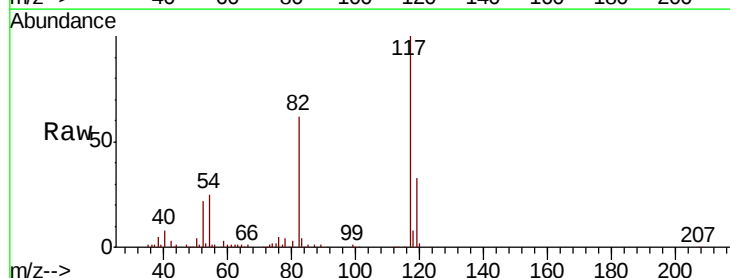


Abundance Ion 95.00 (94.70 to 95.70): VF0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

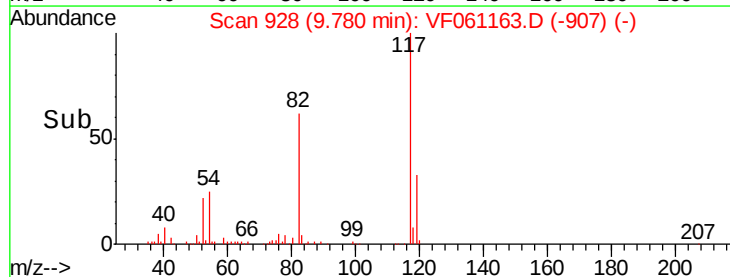
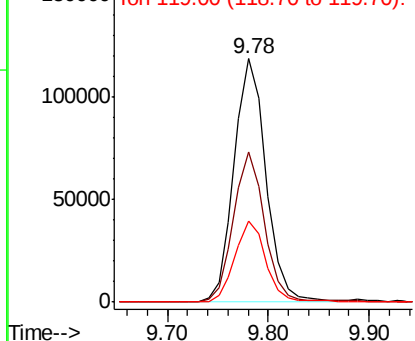


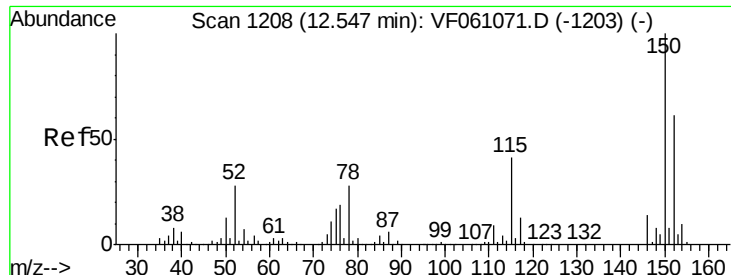
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061163.D
Acq: 24 Dec 2018 14:14

Tgt Ion: 117 Resp: 262598
Ion Ratio Lower Upper
117 100
82 61.7 45.0 67.4
119 33.5 24.8 37.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

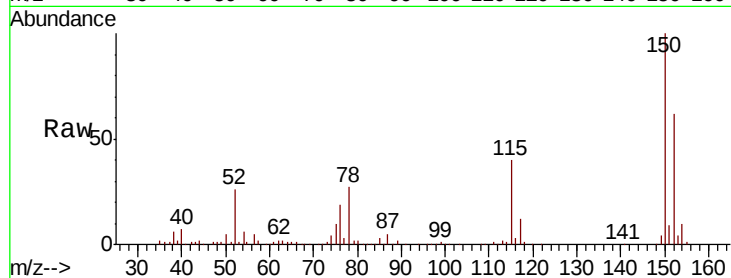




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: VF061163.D
 Acq: 24 Dec 2018 14:14

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS013-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.0	33.3	99.9
150	161.6	0.0	328.2



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

