

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031819\
 Data File : VF062002.D
 Acq On : 18 Mar 2019 17:30
 Operator : VA/AP
 Sample : K1931-02
 Misc : 4.86g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :

Quant Time: Mar 19 01:23:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	174558	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	240012	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	157141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	55534	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	52028	41.41	ug/l	0.00
Spiked Amount			Recovery	=	82.82%	
35) Dibromofluoromethane	4.09	113	89002	55.22	ug/l	-0.02
Spiked Amount			Recovery	=	110.44%	
50) Toluene-d8	7.54	98	224334	47.61	ug/l	-0.02
Spiked Amount			Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.40	95	65919	35.22	ug/l	0.00
Spiked Amount			Recovery	=	70.44%	

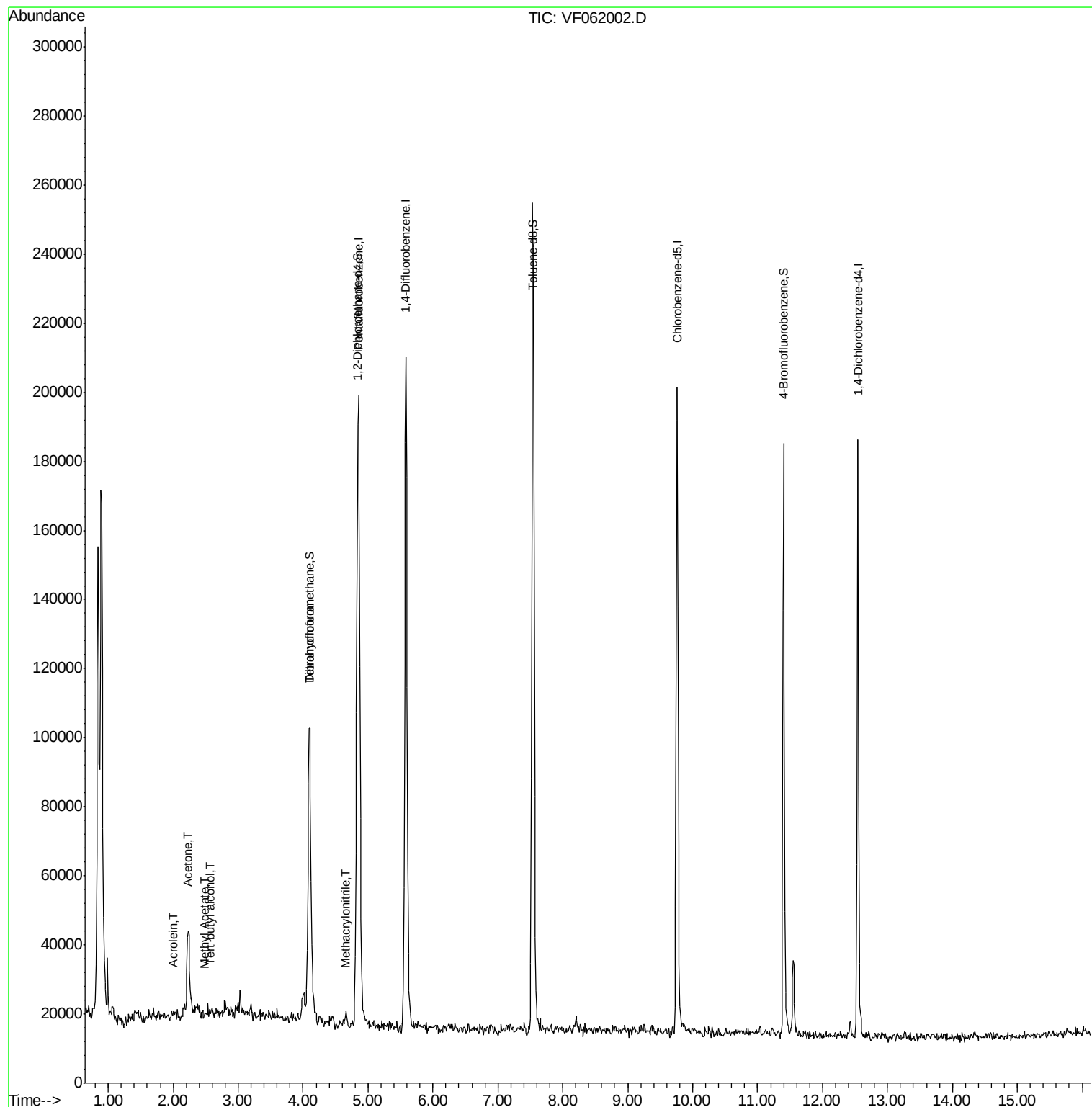
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.57	59	1728	22.474	ug/l #	1
13) Acrolein	1.99	56	145	1.747	ug/l #	61
16) Acetone	2.23	43	47862	169.627	ug/l	96
18) Methyl Acetate	2.49	43	1061	1.838	ug/l #	63
29) Tetrahydrofuran	4.08	42	546	2.247	ug/l #	44
41) Methacrylonitrile	4.65	41	985	1.894	ug/l #	40

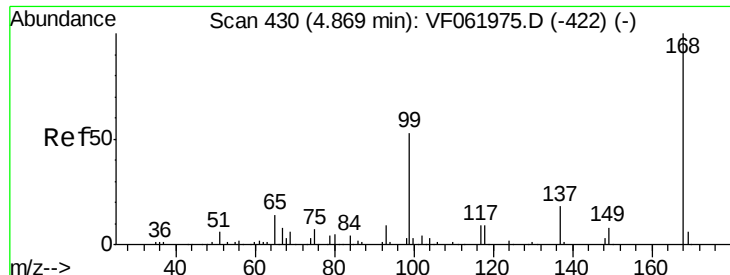
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031819\
Data File : VF062002.D
Acq On : 18 Mar 2019 17:30
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Quant Time: Mar 19 01:23:38 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 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: VF062002.D

Acq: 18 Mar 2019 17:30

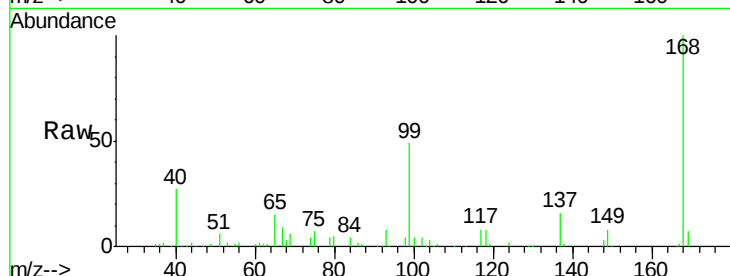
Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:168 Resp: 174558

Ion Ratio Lower Upper

168 100

99 49.5 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

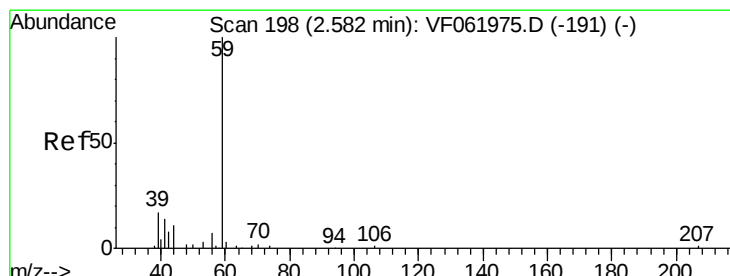
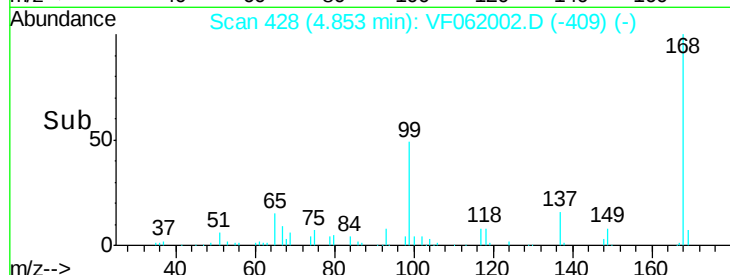
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#11

Tert butyl alcohol

Concen: 22.474 ug/l

RT: 2.57 min Scan# 196

Delta R.T. -0.02 min

Lab File: VF062002.D

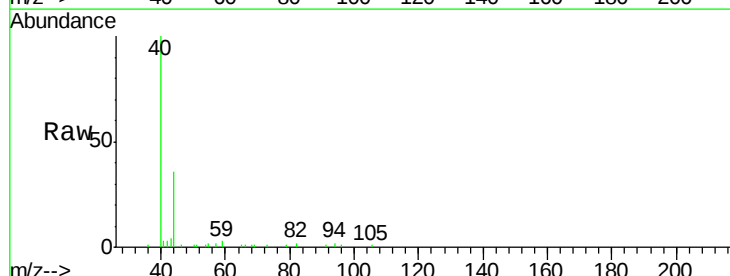
Acq: 18 Mar 2019 17:30

Tgt Ion: 59 Resp: 1728

Ion Ratio Lower Upper

59 100

57 58.4 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

2.57

400

300

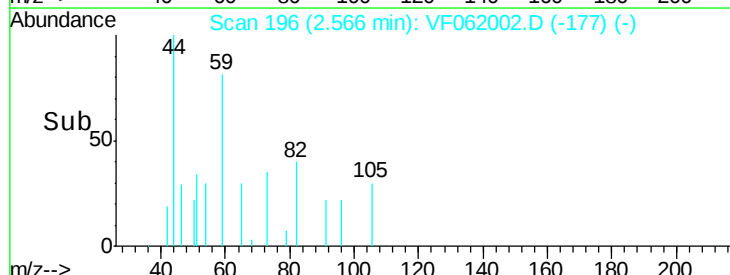
200

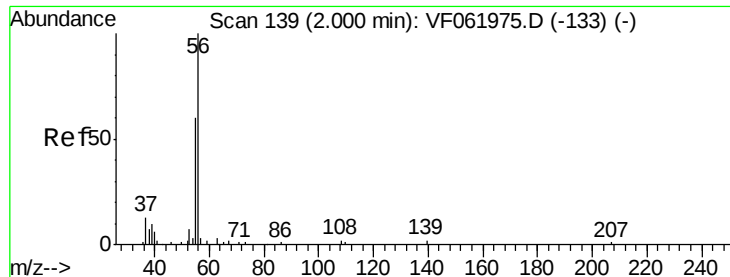
100

0

Time-->

2.50 2.55 2.60 2.65 2.70

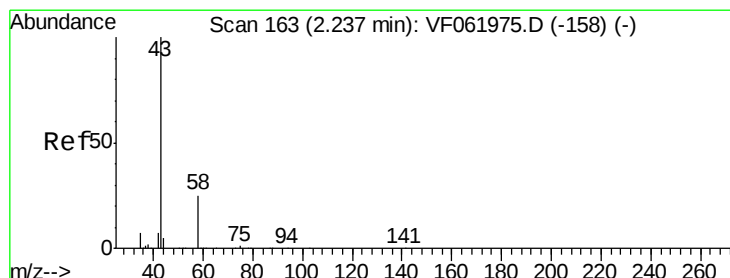
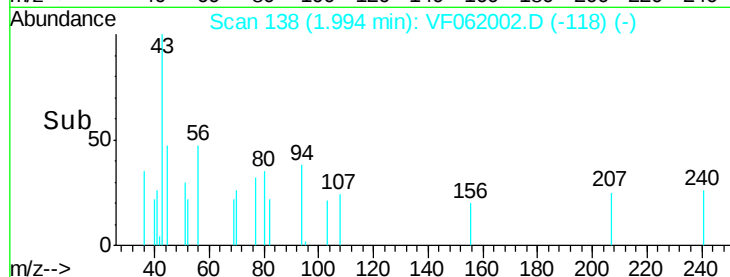
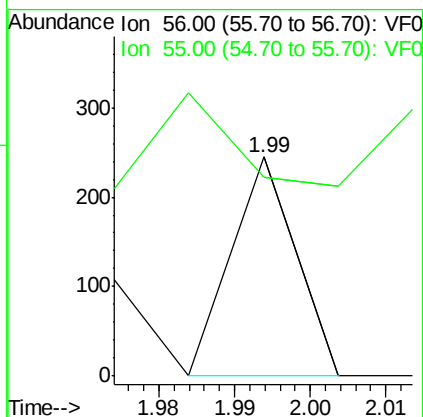
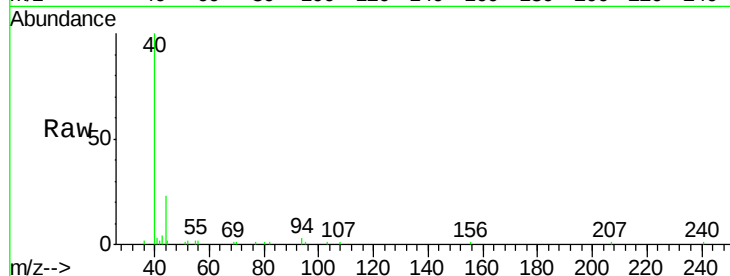




#13
Acrolein
Concen: 1.747 ug/l
RT: 1.99 min Scan# 138
Delta R.T. -0.01 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

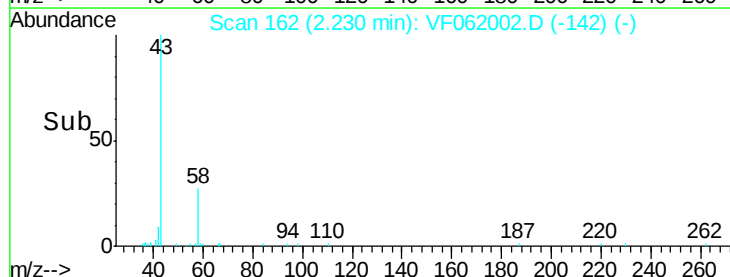
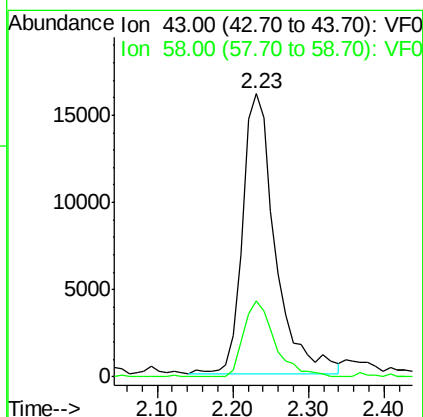
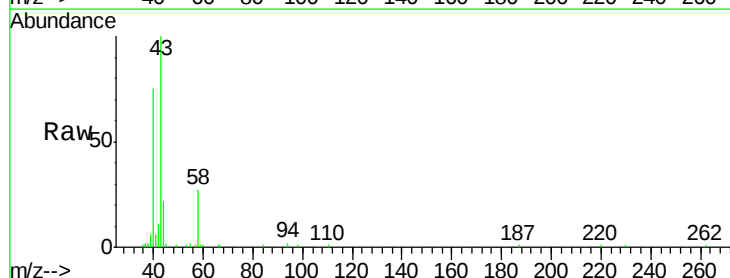
Instrument :
MSVOA_F
ClientSampleId :

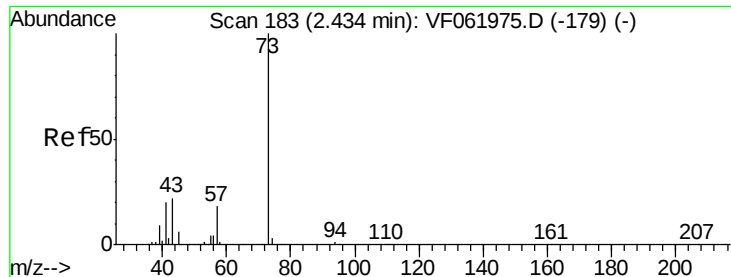
Tot Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 91.0 49.1 73.7#



#16
Acetone
Concen: 169.627 ug/l
RT: 2.23 min Scan# 162
Delta R.T. -0.01 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

Tgt Ion: 43 Resp: 47862
Ion Ratio Lower Upper
43 100
58 26.8 19.9 29.9

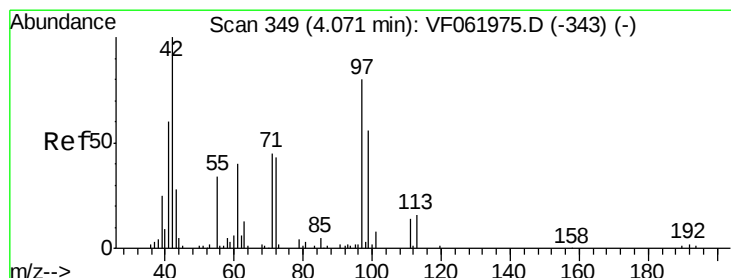
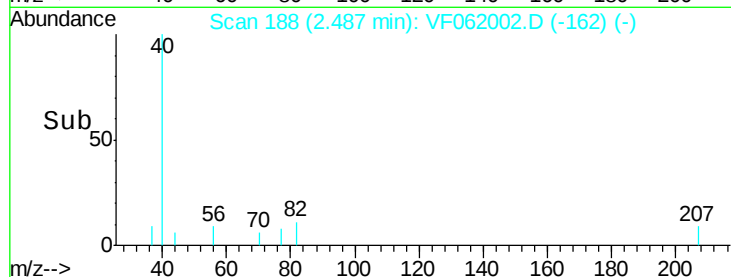
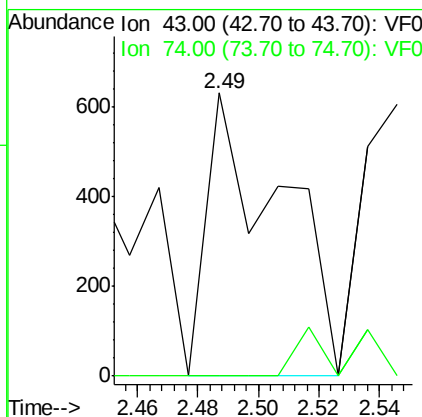
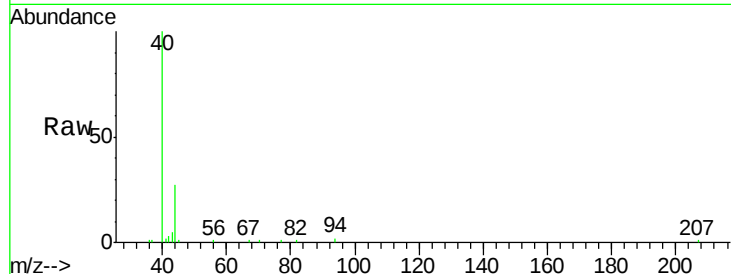




#18
Methyl Acetate
Concen: 1.838 ug/l
RT: 2.49 min Scan# 188
Delta R.T. 0.05 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

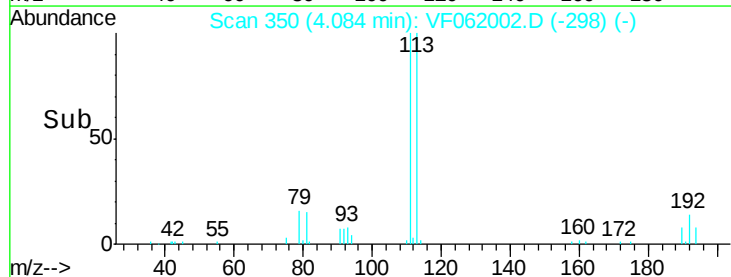
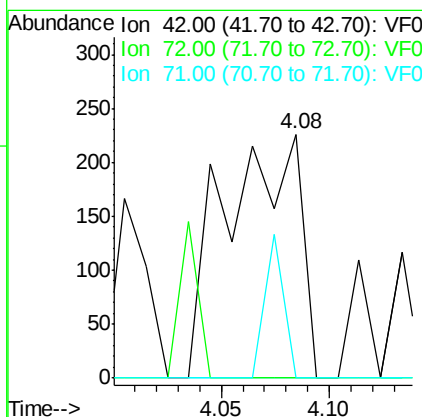
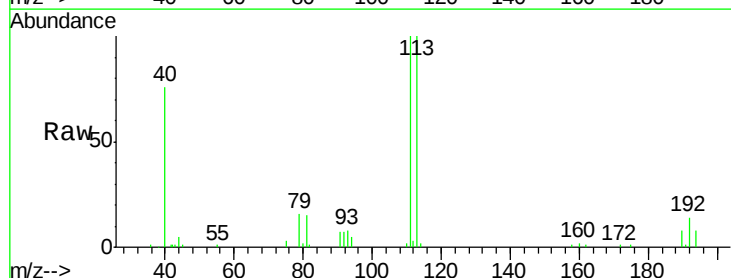
Instrument :
MSVOA_F
ClientSampleId :

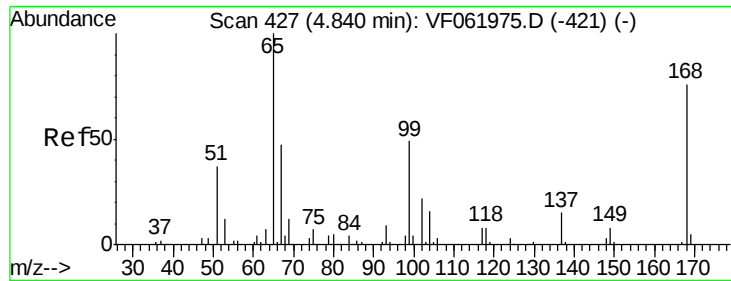
Tot Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
74 0.0 12.6 18.8#



#29
Tetrahydrofuran
Concen: 2.247 ug/l
RT: 4.08 min Scan# 350
Delta R.T. 0.01 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

Tgt Ion: 42 Resp: 546
Ion Ratio Lower Upper
42 100
72 0.0 34.0 51.0#
71 14.5 34.2 51.4#

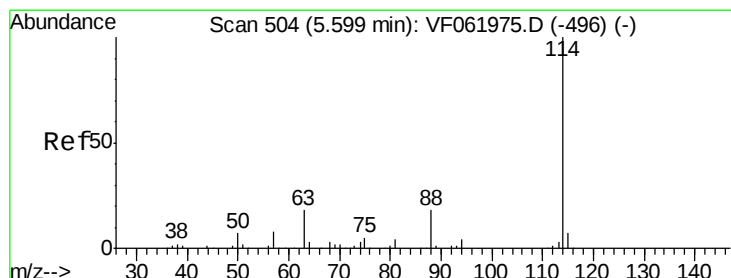
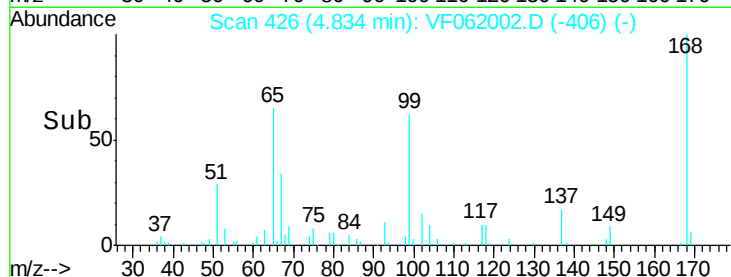
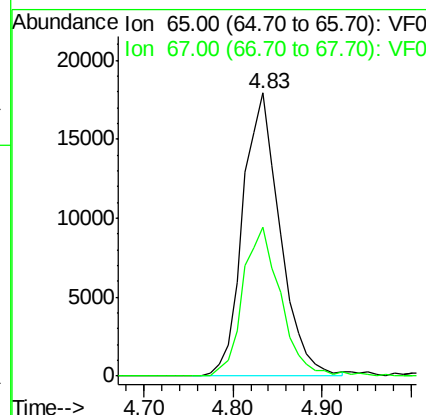
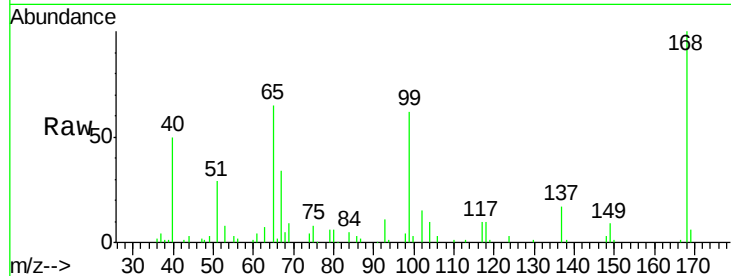




#33
 1,2-Dichloroethane-d4
 Concen: 41.406 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: VF062002.D
 Acq: 18 Mar 2019 17:30

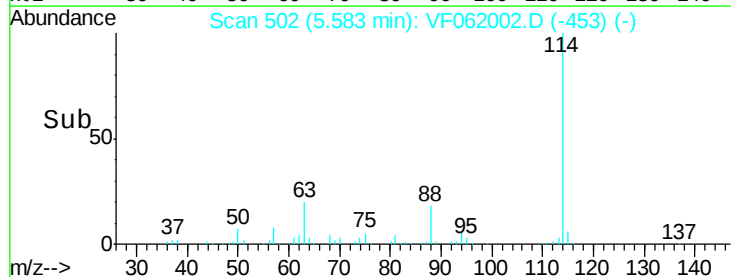
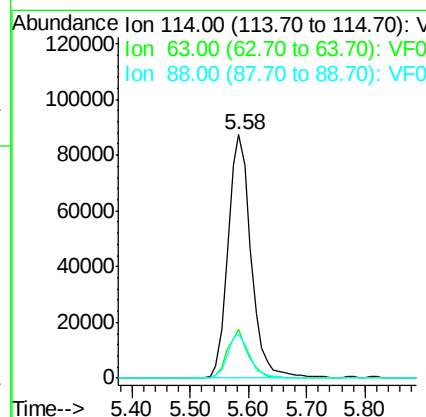
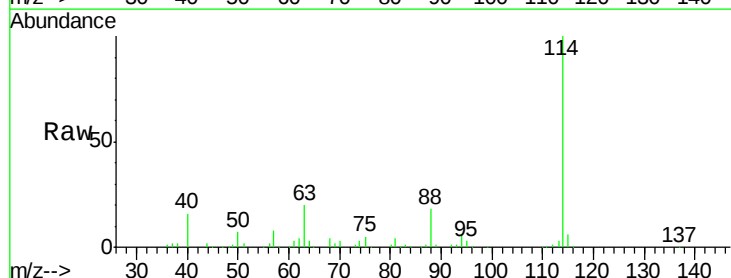
Instrument :
 MSVOA_F
 ClientSampled :

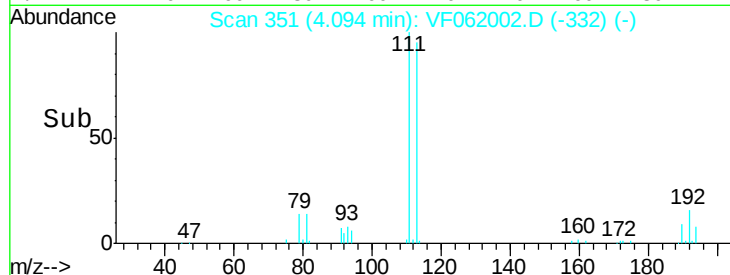
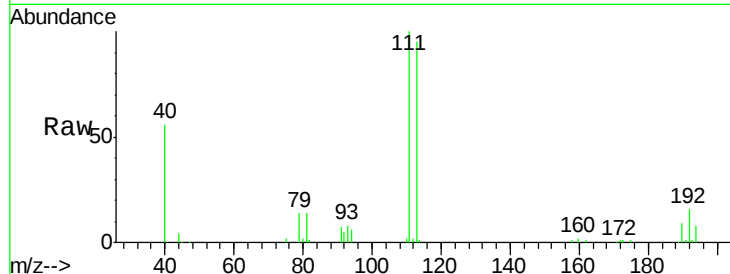
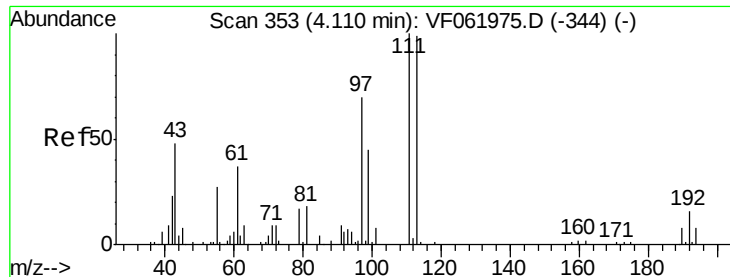
Tot Ion: 65 Resp: 52028
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF062002.D
 Acq: 18 Mar 2019 17:30

Tgt Ion: 114 Resp: 240012
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 36.4
 88 18.0 0.0 36.4

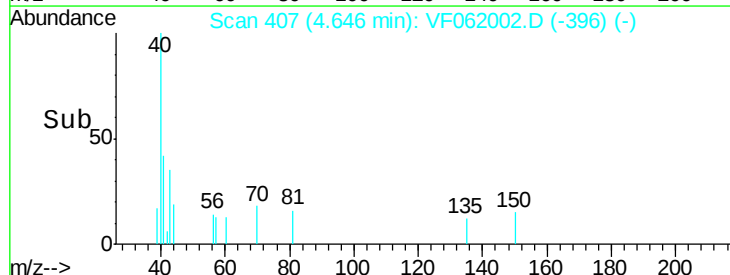
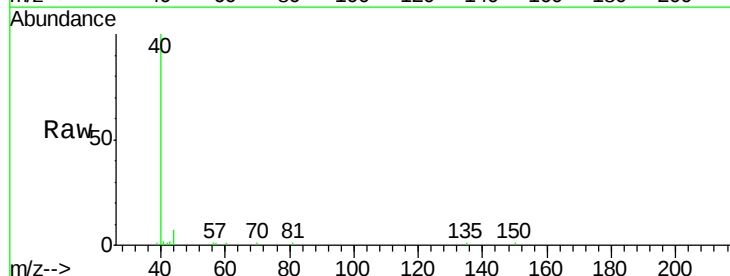
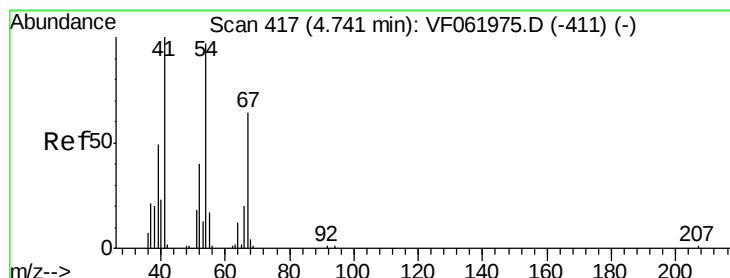
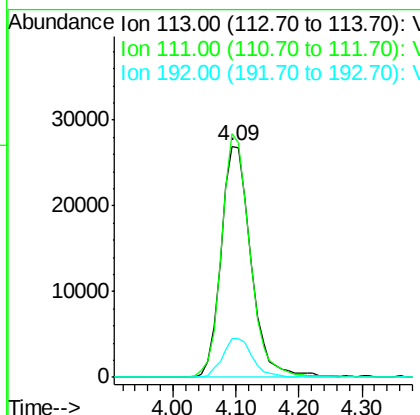




#35
Dibromofluoromethane
Concen: 55.221 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

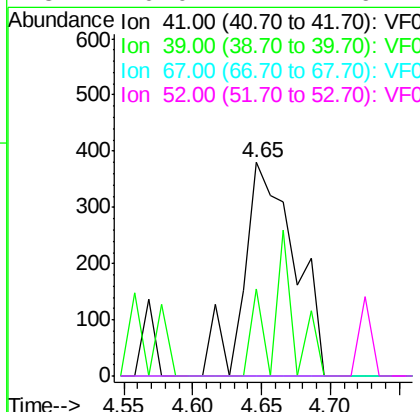
Tot Ion:113 Resp: 89002
Ion Ratio Lower Upper
113 100
111 105.4 80.8 121.2
192 17.6 13.0 19.6

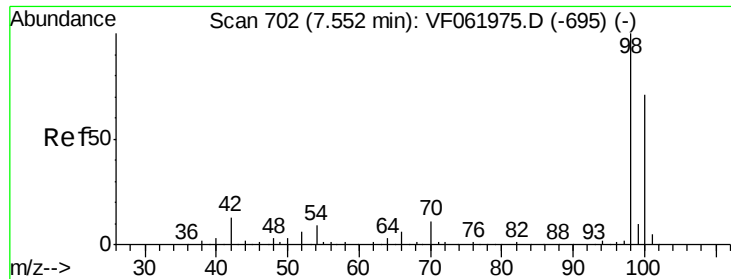
Instrument :
MSVOA_F
ClientSampleId :



#41
Methacrylonitrile
Concen: 1.894 ug/l
RT: 4.65 min Scan# 407
Delta R.T. -0.09 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

Tgt Ion: 41 Resp: 985
Ion Ratio Lower Upper
41 100
39 40.8 46.2 69.4#
67 0.0 49.8 74.8#
52 0.0 42.7 64.1#

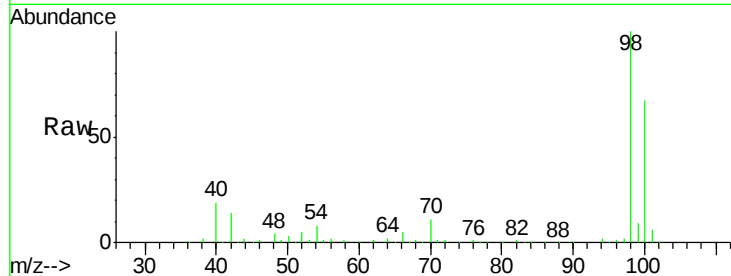




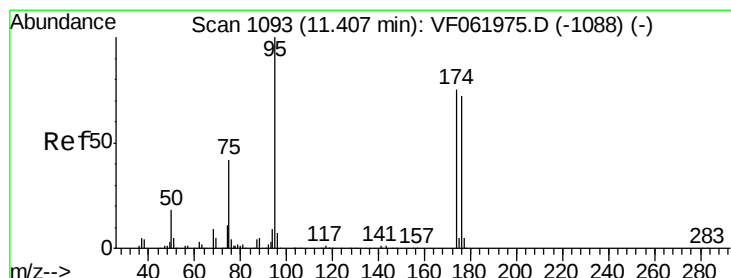
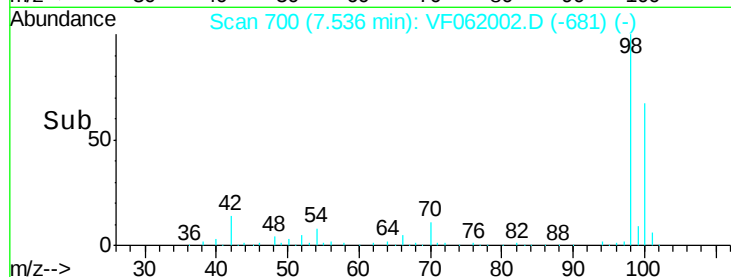
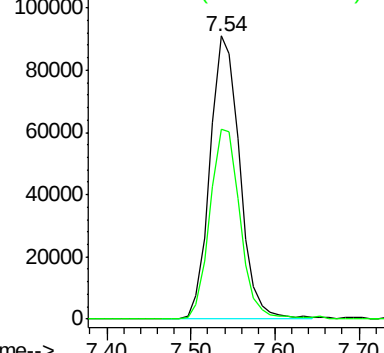
#50
Toluene-d8
Concen: 47.614 ug/l
RT: 7.54 min Scan# 700
Delta R.T. -0.02 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

Instrument :
MSVOA_F
ClientSampled :

Tot Ion: 98 Resp: 224334
Ion Ratio Lower Upper
98 100
100 67.1 56.8 85.2

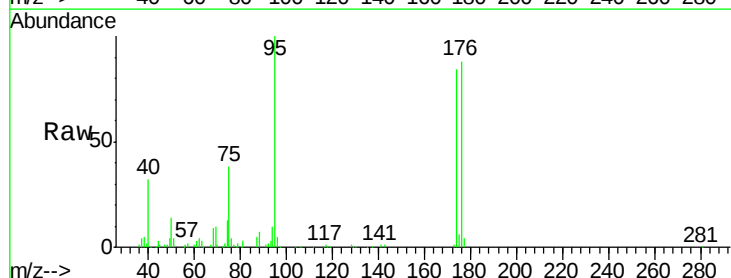


Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

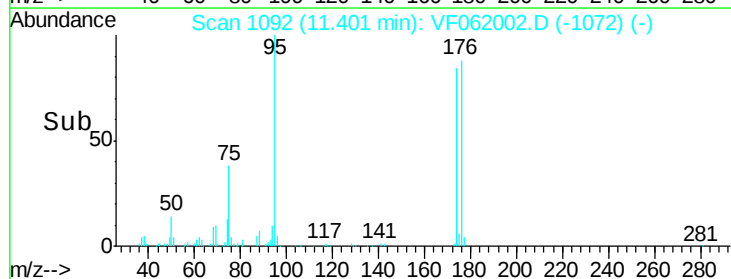
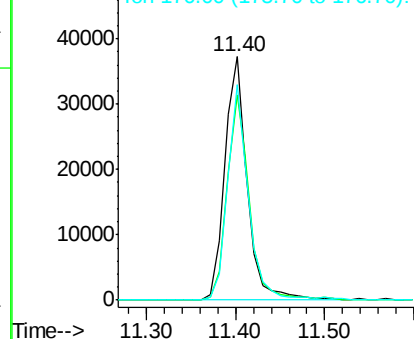


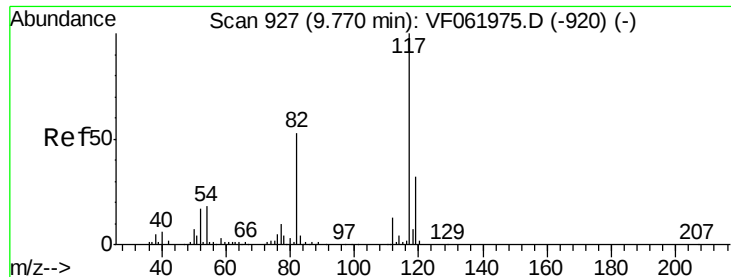
#62
4-Bromofluorobenzene
Concen: 35.218 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

Tgt Ion: 95 Resp: 65919
Ion Ratio Lower Upper
95 100
174 84.3 0.0 149.4
176 88.2 0.0 143.4



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

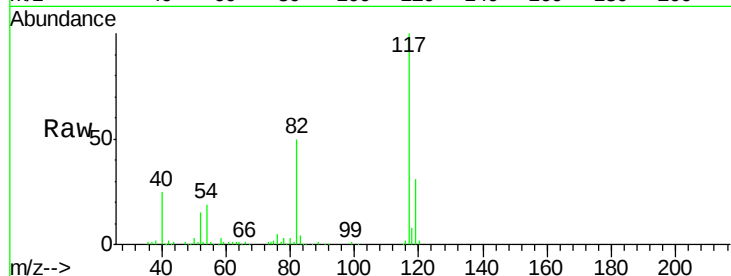




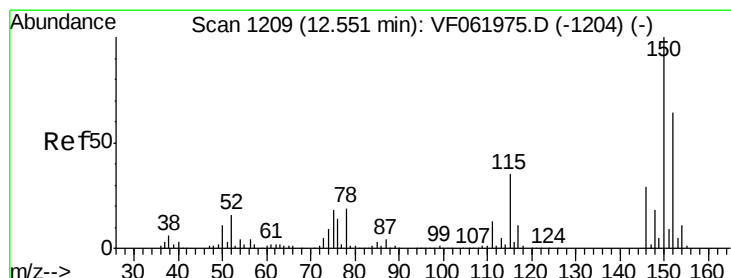
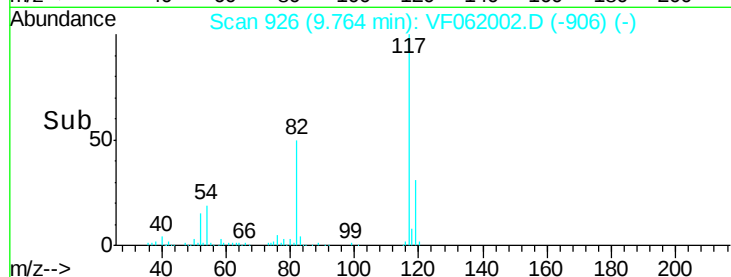
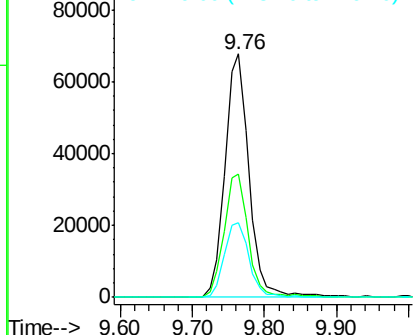
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

Instrument :
MSVOA_F
ClientSampleId :

Tot Ion:117 Resp: 157141
Ion Ratio Lower Upper
117 100
82 50.5 42.5 63.7
119 30.8 25.4 38.0

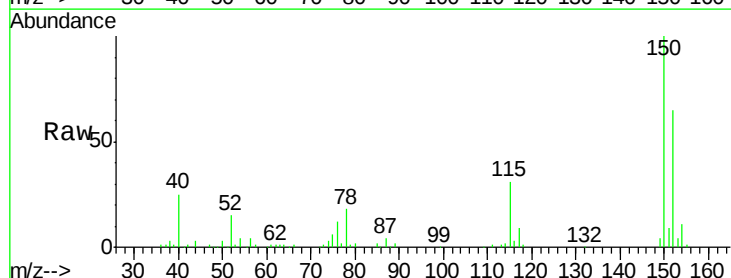


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062002.D
Acq: 18 Mar 2019 17:30

Tgt Ion:152 Resp: 55534
Ion Ratio Lower Upper
152 100
115 47.7 27.3 81.9
150 153.3 0.0 316.2



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

