

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010219\
 Data File : VF061252.D
 Acq On : 2 Jan 2019 14:11
 Operator : VA/AP
 Sample : J6193-15
 Misc : 6.61g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-02-122718-C

Quant Time: Jan 02 15:26:52 2019
 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

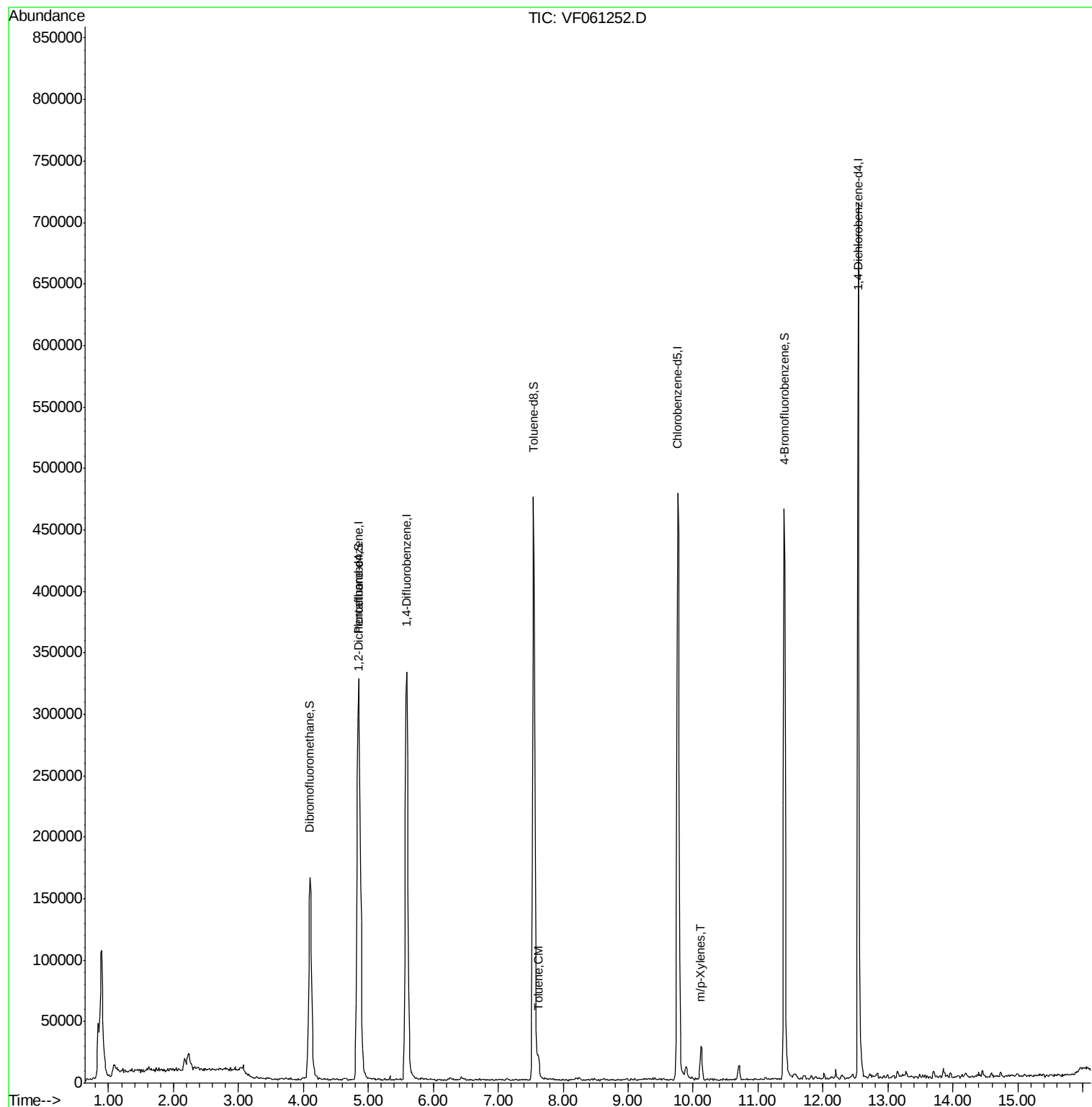
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	236531	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.59	114	383854	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.76	117	353799	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	173001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	151263	49.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.44%	
35) Dibromofluoromethane	4.10	113	163861	53.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.58%	
50) Toluene-d8	7.54	98	397476	45.61	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.40	95	185477	46.17	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	92.34%	
Target Compounds						
52) Toluene	7.62	92	8587	1.302	ug/l	96
68) m/p-Xylenes	10.13	106	9567	2.042	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061252.D

Acq: 2 Jan 2019 14:11

Instrument :

MSVOA_F

ClientSampleId :

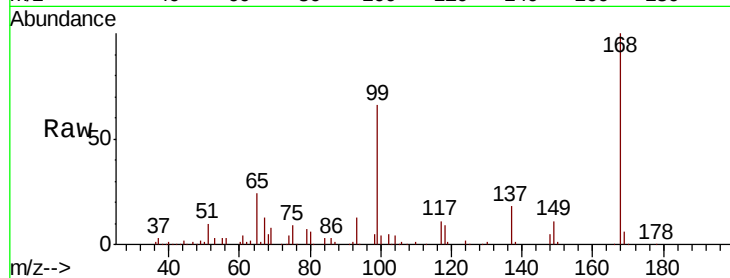
CL-02-122718-C

Tot Ion:168 Resp: 236531

Ion Ratio Lower Upper

168 100

99 65.7 54.4 81.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

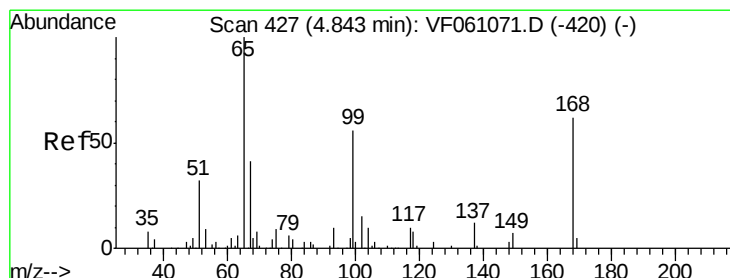
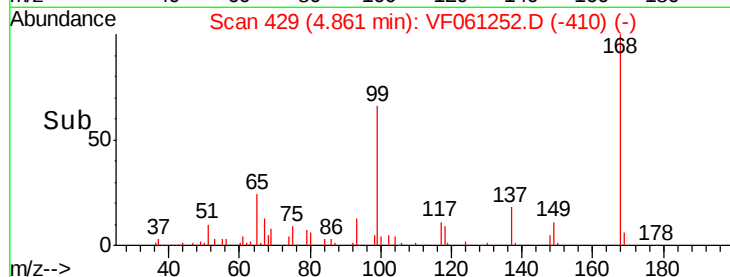
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.722 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061252.D

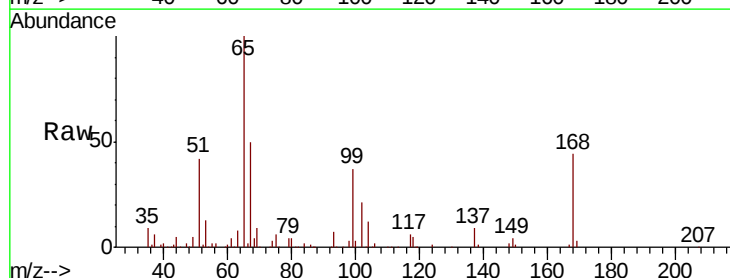
Acq: 2 Jan 2019 14:11

Tgt Ion: 65 Resp: 151263

Ion Ratio Lower Upper

65 100

67 50.3 0.0 94.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

60000

50000

40000

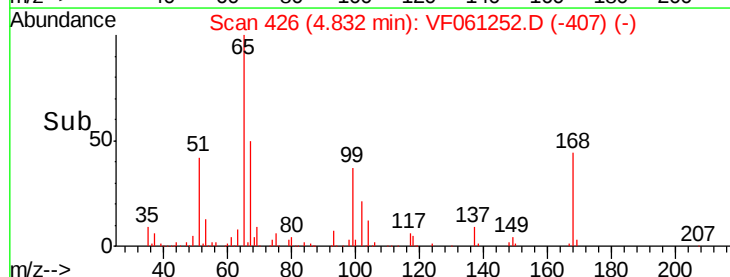
30000

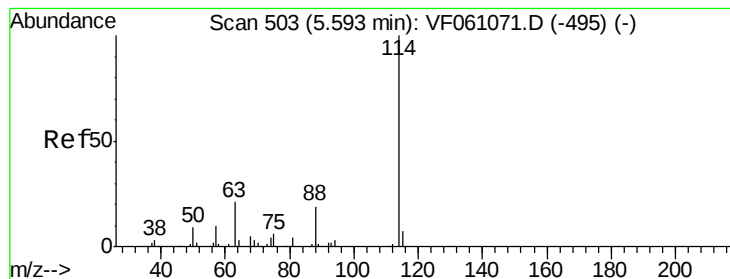
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.00 min

Lab File: VF061252.D

Acq: 2 Jan 2019 14:11

Instrument :

MSVOA_F

ClientSampleId :

CL-02-122718-C

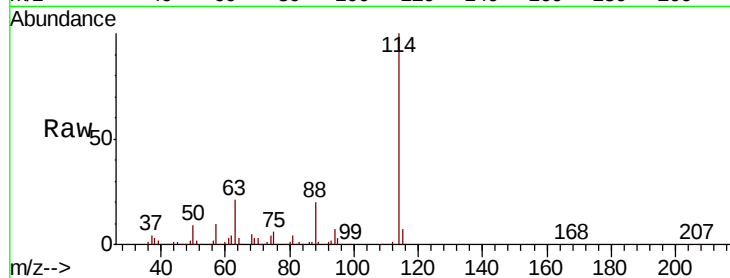
Tot Ion:114 Resp: 383854

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

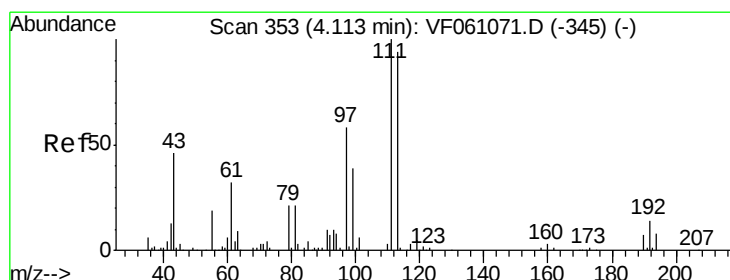
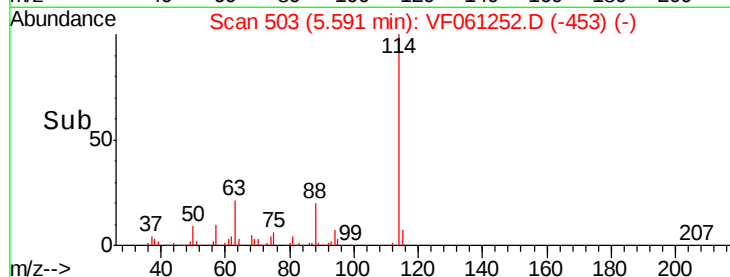
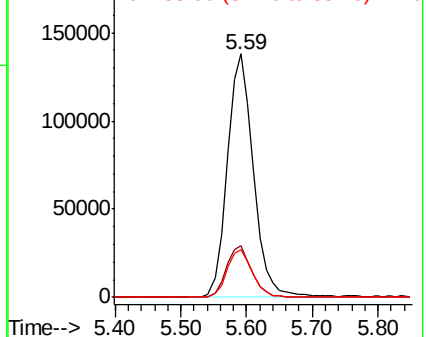
88 19.8 0.0 38.0



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: 53.290 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF061252.D

Acq: 2 Jan 2019 14:11

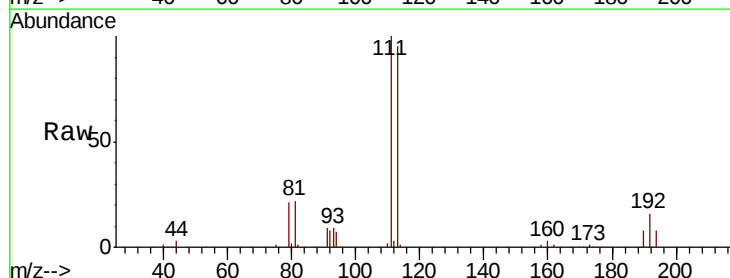
Tgt Ion:113 Resp: 163861

Ion Ratio Lower Upper

113 100

111 105.0 85.2 127.8

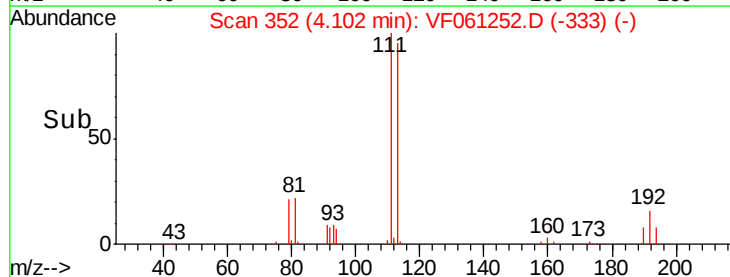
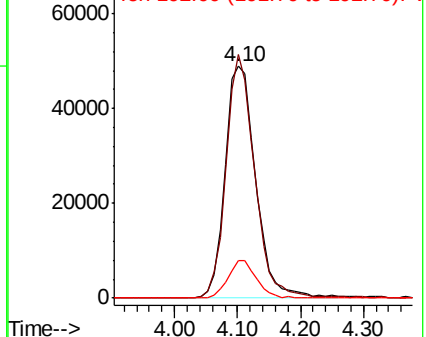
192 16.7 12.8 19.2

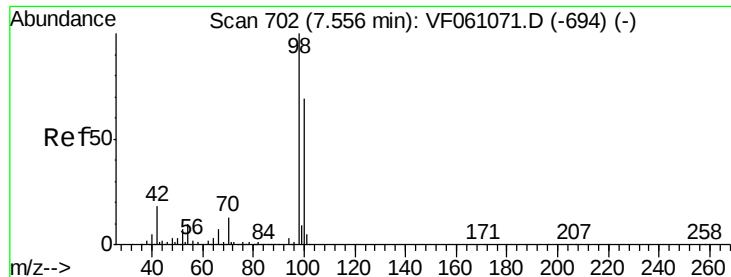


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

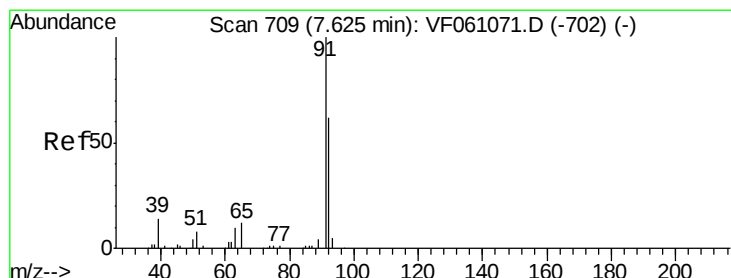
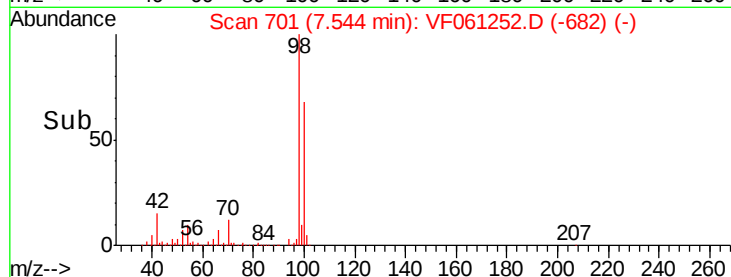
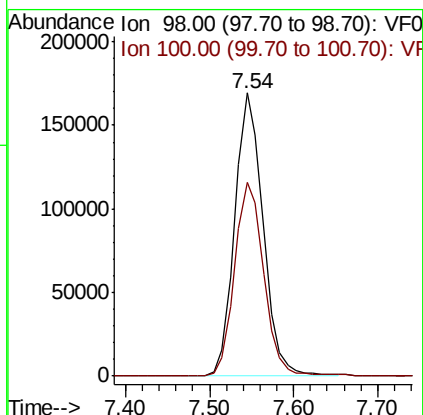
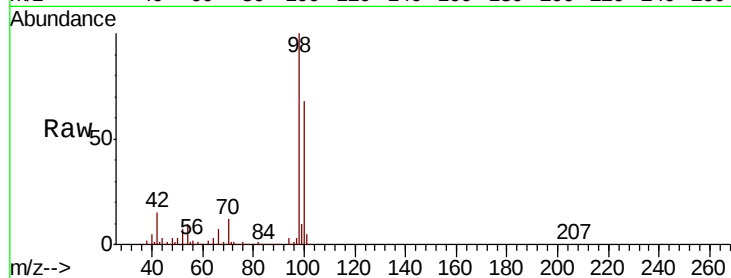




#50
Toluene-d8
Concen: 45.614 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF061252.D
Acq: 2 Jan 2019 14:11

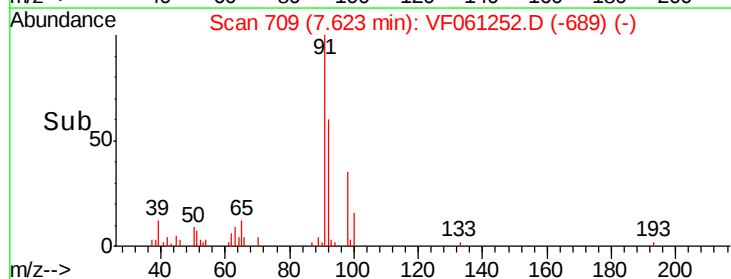
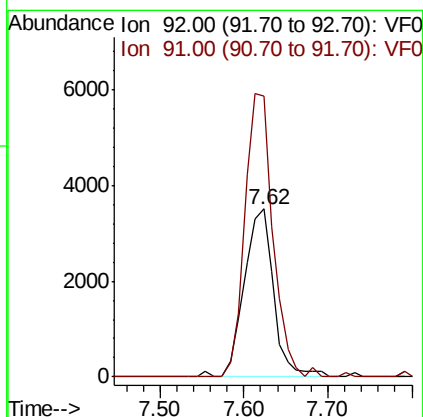
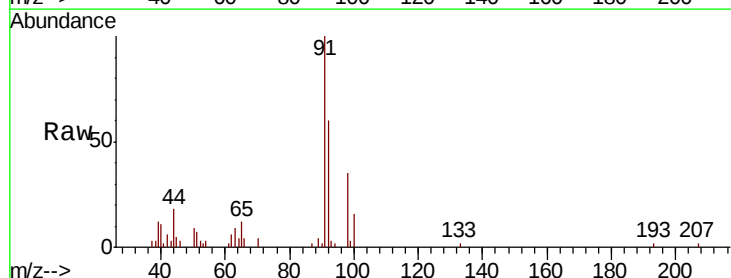
Instrument :
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CL-02-122718-C

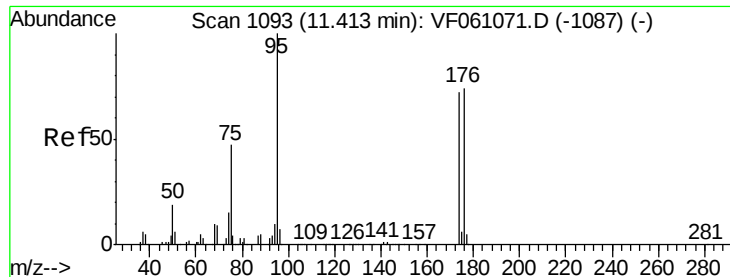
Tot Ion: 98 Resp: 397476
Ion Ratio Lower Upper
98 100
100 68.3 55.3 82.9



#52
Toluene
Concen: 1.302 ug/l
RT: 7.62 min Scan# 709
Delta R.T. -0.00 min
Lab File: VF061252.D
Acq: 2 Jan 2019 14:11

Tgt Ion: 92 Resp: 8587
Ion Ratio Lower Upper
92 100
91 166.9 128.8 193.2

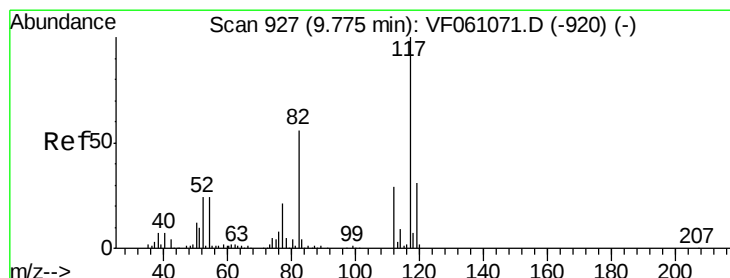
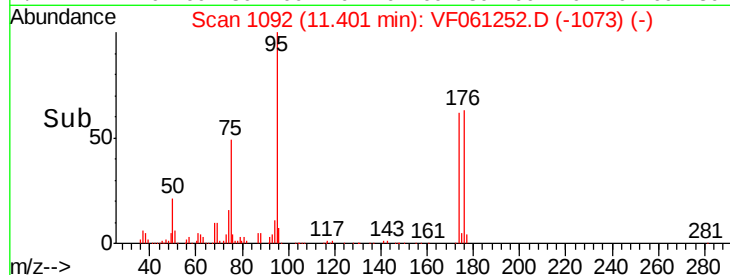
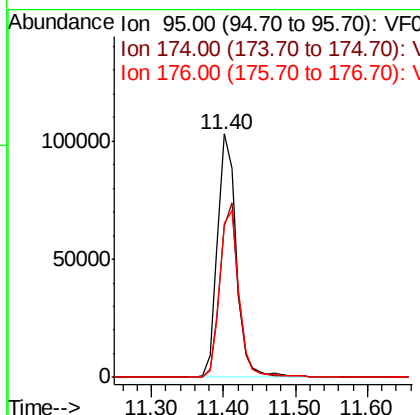
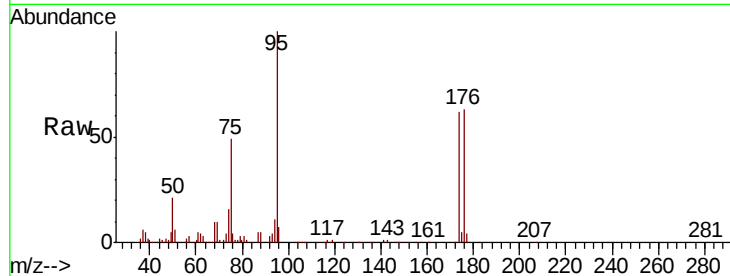




#62
4-Bromofluorobenzene
Concen: 46.171 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VF061252.D
Acq: 2 Jan 2019 14:11

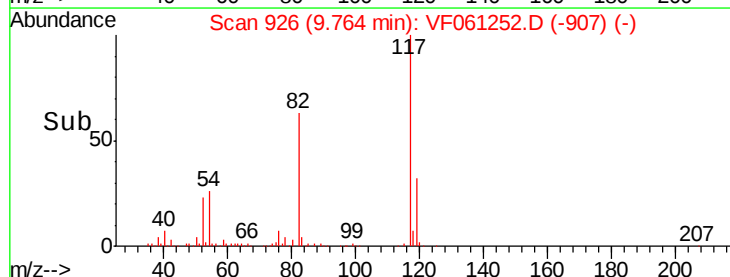
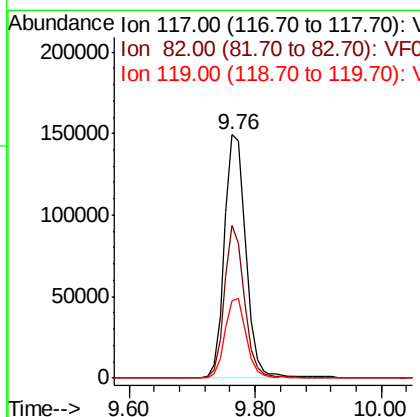
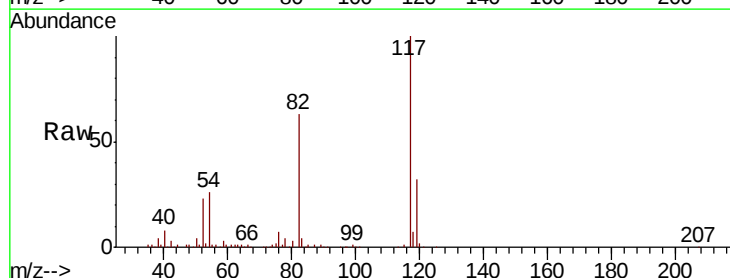
Instrument :
MSVOA_F
ClientSampleId :
CL-02-122718-C

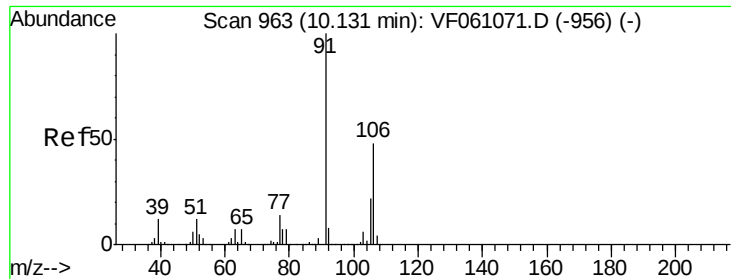
Tot Ion: 95 Resp: 185477
Ion Ratio Lower Upper
95 100
174 62.2 0.0 143.8
176 63.1 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF061252.D
Acq: 2 Jan 2019 14:11

Tgt Ion: 117 Resp: 353799
Ion Ratio Lower Upper
117 100
82 62.5 45.0 67.4
119 31.8 24.8 37.2

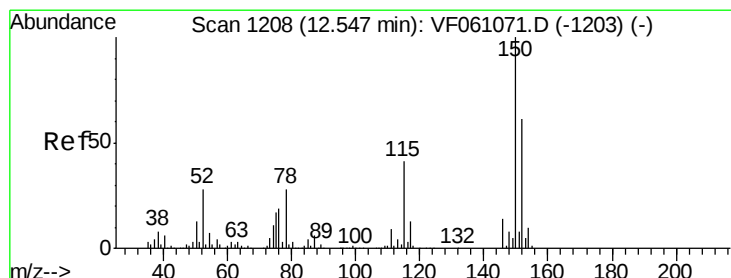
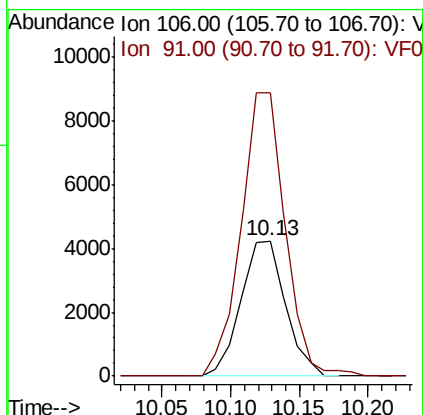
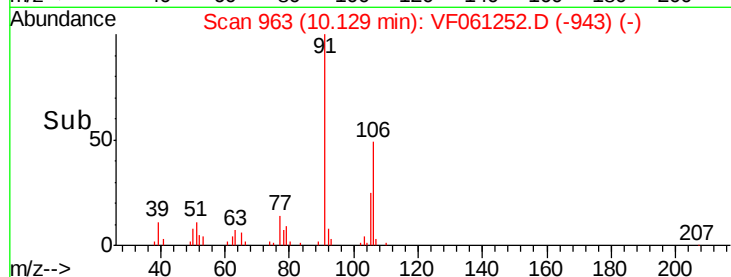
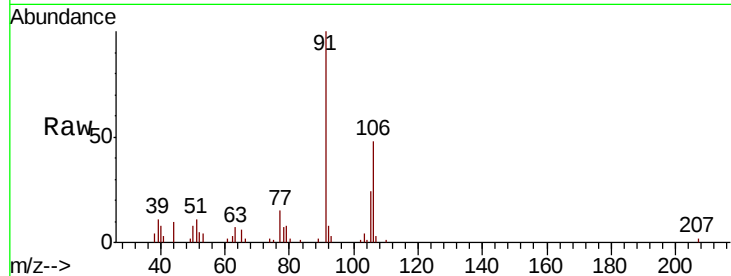




#68
m/p-Xvlenes
Concen: 2.042 ug/l
RT: 10.13 min Scan# 963
Delta R.T. -0.00 min
Lab File: VF061252.D
Acq: 2 Jan 2019 14:11

Instrument :
MSVOA_F
ClientSampleId :
CL-02-122718-C

Tot Ion:106 Resp: 9567
Ion Ratio Lower Upper
106 100
91 209.0 168.2 252.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.00 min
Lab File: VF061252.D
Acq: 2 Jan 2019 14:11

Tgt Ion:152 Resp: 173001
Ion Ratio Lower Upper
152 100
115 60.0 33.3 99.9
150 152.8 0.0 328.2

