

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041619\
 Data File : VF062176.D
 Acq On : 16 Apr 2019 15:11
 Operator : FY/SY
 Sample : VF0416SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0416SBL01

Quant Time: Apr 17 08:16:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F041619S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 07:56:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	440191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	657039	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	522711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	300955	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	195116	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
35) Dibromofluoromethane	4.31	113	272104	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
50) Toluene-d8	7.72	98	693234	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	11.50	95	288375	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	

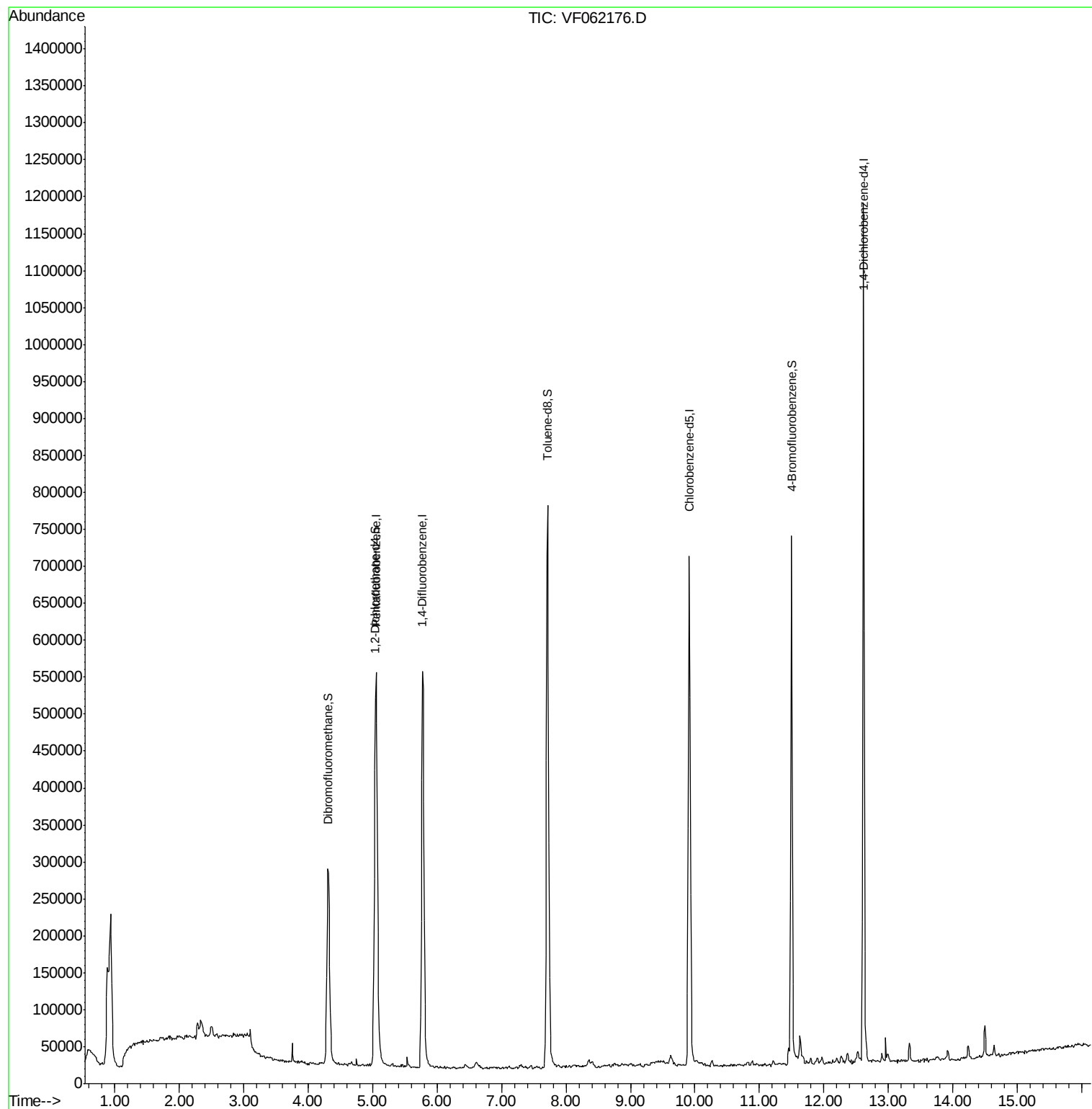
Target Compounds	Qvalue
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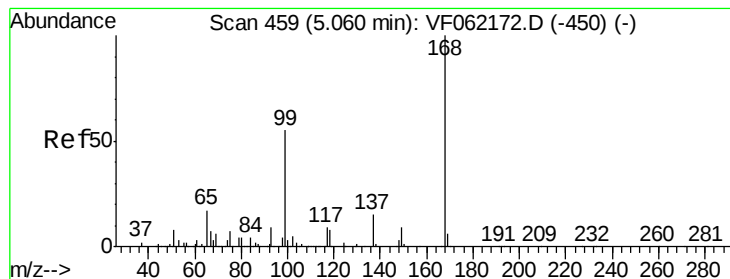
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 07:56:48 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062176.D

Acq: 16 Apr 2019 15:11

Instrument :

MSVOA_F

ClientSampleId :

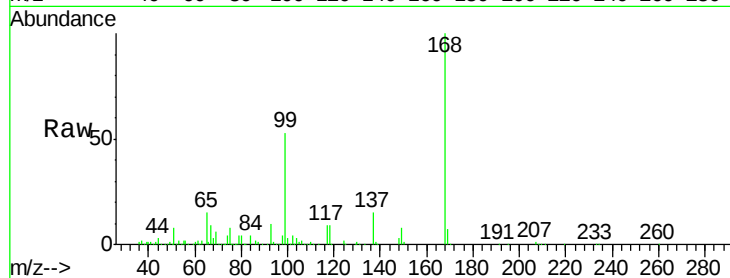
VF0416SBL01

Tot Ion:168 Resp: 440191

Ion Ratio Lower Upper

168 100

99 53.4 44.2 66.4



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

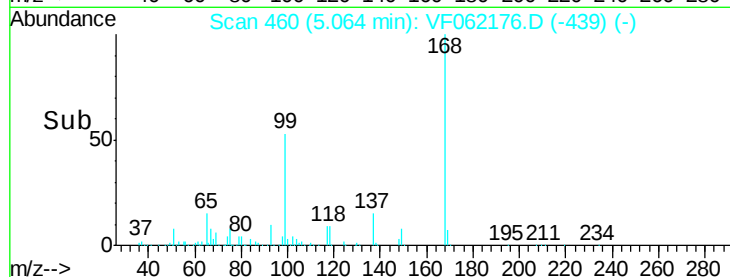
150000

100000

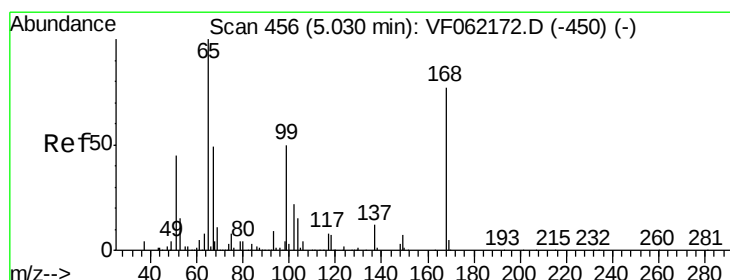
50000

0

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.224 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062176.D

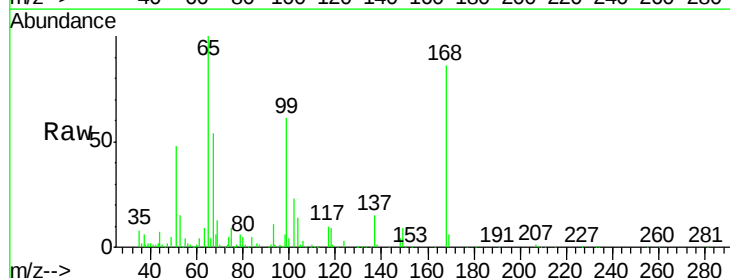
Acq: 16 Apr 2019 15:11

Tgt Ion: 65 Resp: 195116

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

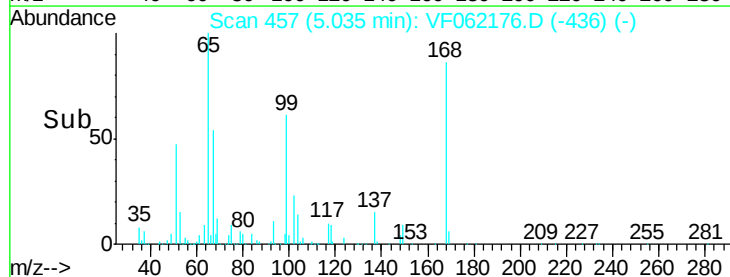
60000

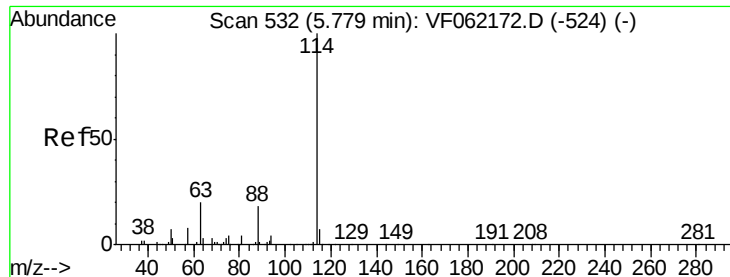
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. -0.01 min

Lab File: VF062176.D

Acq: 16 Apr 2019 15:11

Instrument :

MSVOA_F

ClientSampleId :

VF0416SBL01

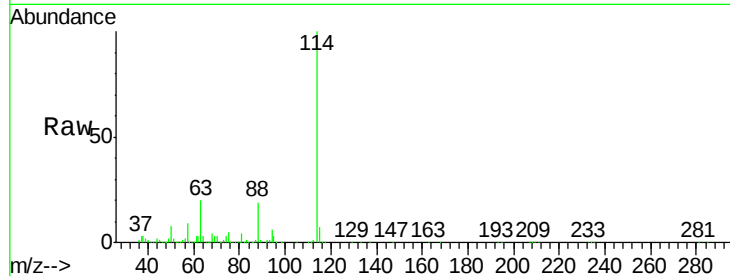
Tot Ion:114 Resp: 657039

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

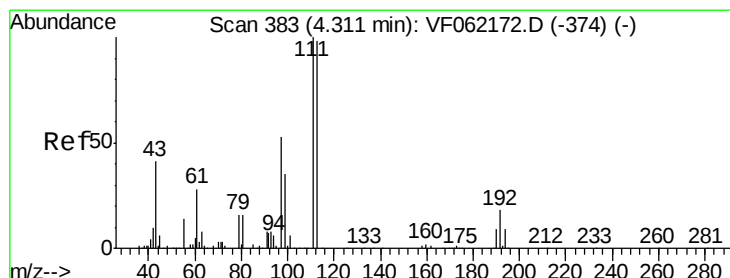
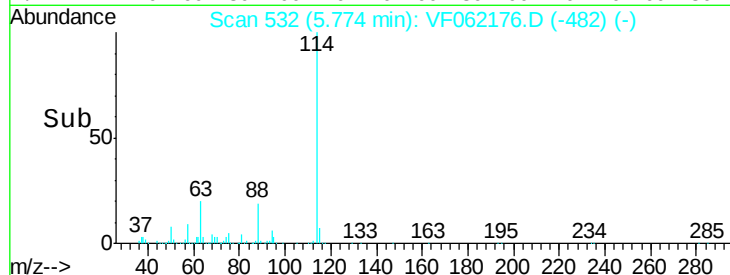
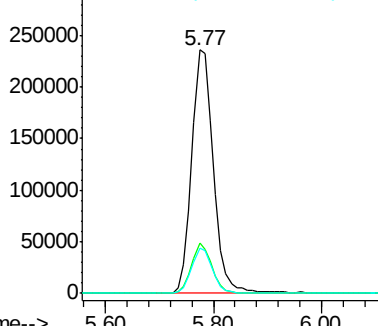
88 18.5 0.0 36.6



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: 52.500 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.01 min

Lab File: VF062176.D

Acq: 16 Apr 2019 15:11

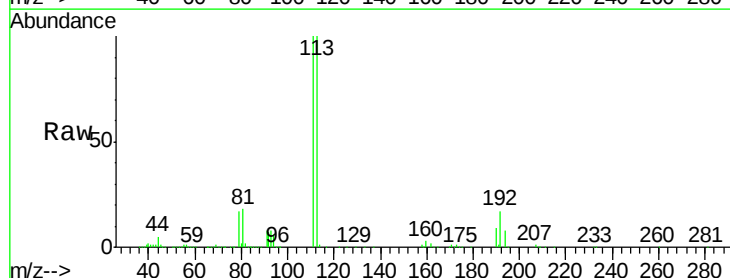
Tgt Ion:113 Resp: 272104

Ion Ratio Lower Upper

113 100

111 100.3 81.6 122.4

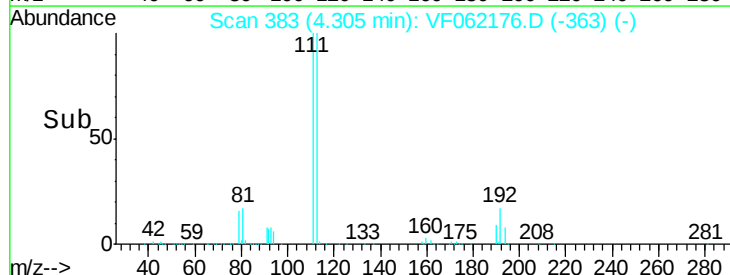
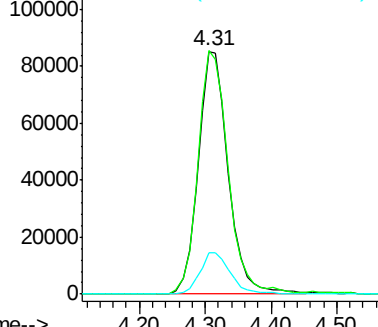
192 17.2 15.0 22.4

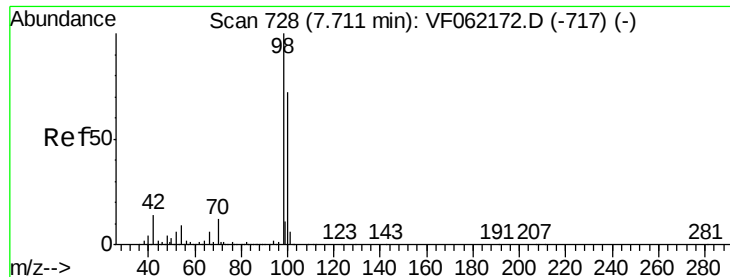


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

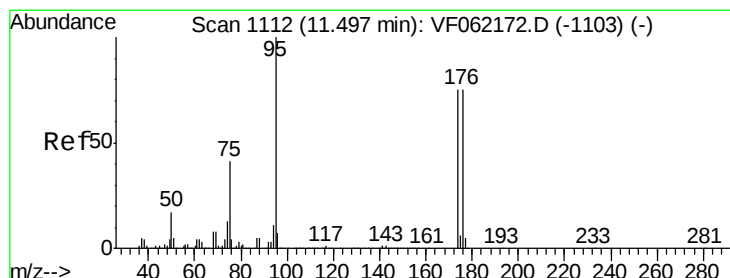
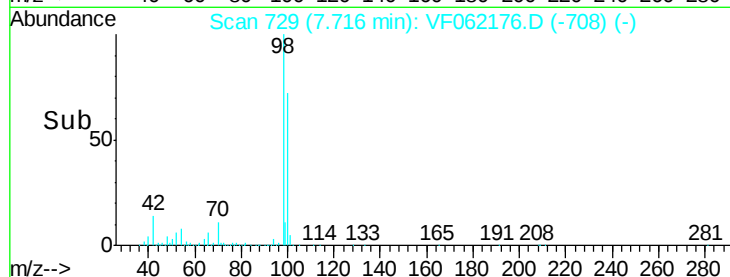
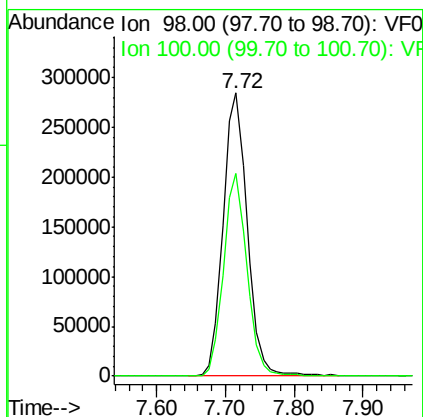
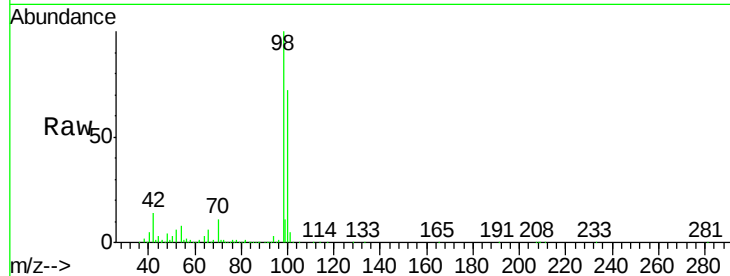




#50
Toluene-d8
Concen: 45.771 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

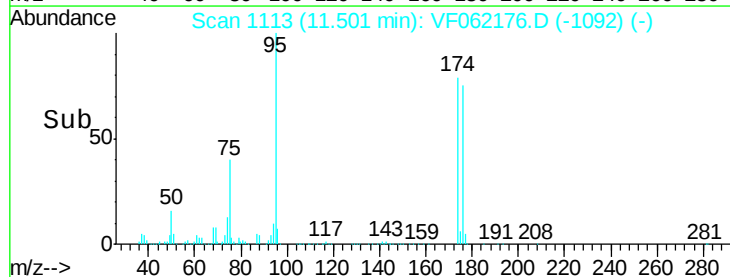
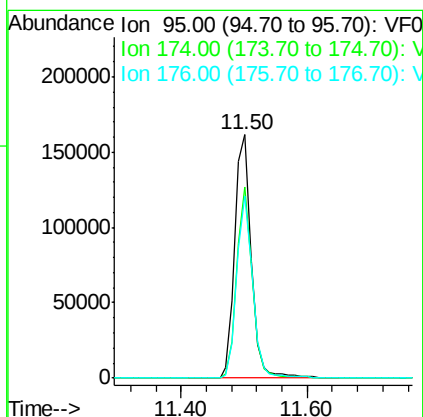
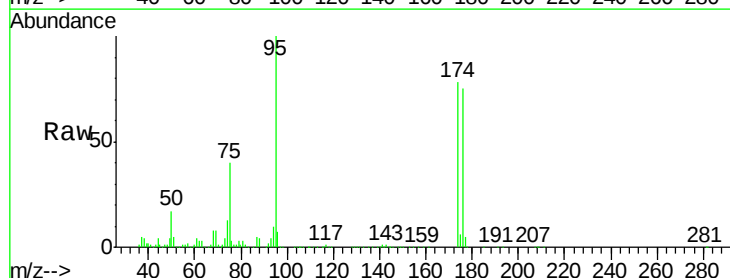
Instrument :
MSVOA_F
ClientSampleId :
VF0416SBL01

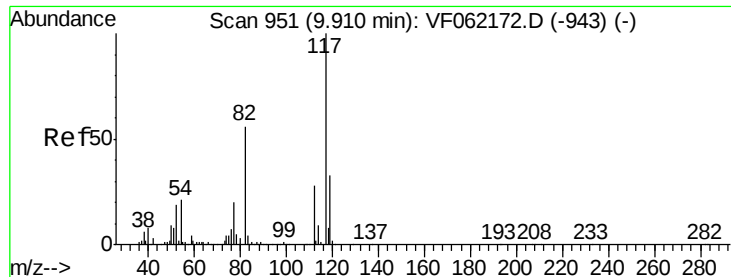
Tot Ion: 98 Resp: 693234
Ion Ratio Lower Upper
98 100
100 71.6 57.4 86.0



#62
4-Bromofluorobenzene
Concen: 48.214 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VF062176.D
Acq: 16 Apr 2019 15:11

Tgt Ion: 95 Resp: 288375
Ion Ratio Lower Upper
95 100
174 78.4 0.0 150.2
176 75.0 0.0 149.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF062176.D

Acq: 16 Apr 2019 15:11

Instrument :

MSVOA_F

ClientSampleId :

VF0416SBL01

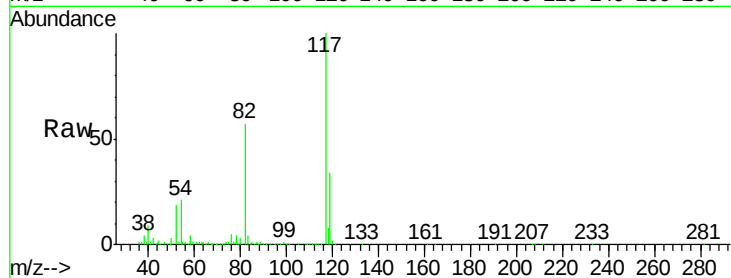
Tot Ion:117 Resp: 522711

Ion Ratio Lower Upper

117 100

82 56.9 45.2 67.8

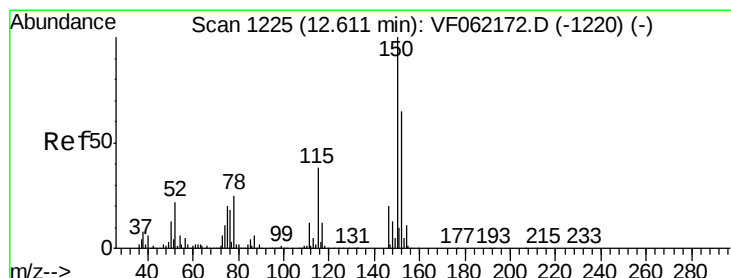
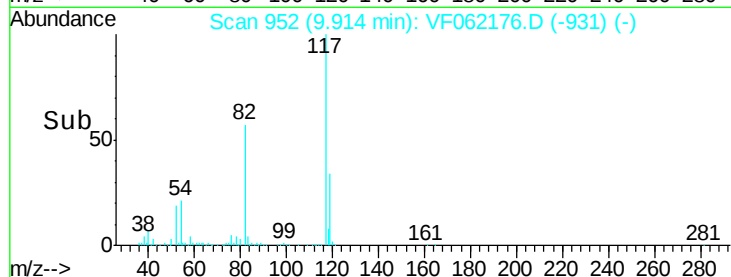
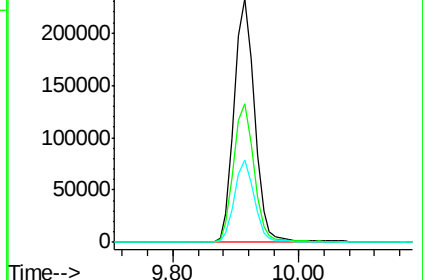
119 33.7 26.6 39.8



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: 12.61 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062176.D

Acq: 16 Apr 2019 15:11

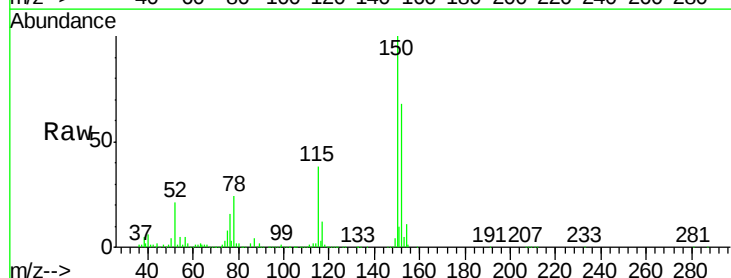
Tgt Ion:152 Resp: 300955

Ion Ratio Lower Upper

152 100

115 55.0 29.0 87.1

150 146.5 0.0 309.2



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

