

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062329.D
 Acq On : 29 Apr 2019 22:51
 Operator : FY/SY
 Sample : K2194-17RE
 Misc : 5.79g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-042919-IRE

Quant Time: Apr 30 05:06:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	25784	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	21027	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.90	117	10500	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	2055	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	4493	21.51	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	43.02%	
35) Dibromofluoromethane	4.29	113	5925	38.00	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	76.00%	
50) Toluene-d8	7.70	98	16914	44.42	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	88.84%	
62) 4-Bromofluorobenzene	11.49	95	3547	22.60	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	45.20%	

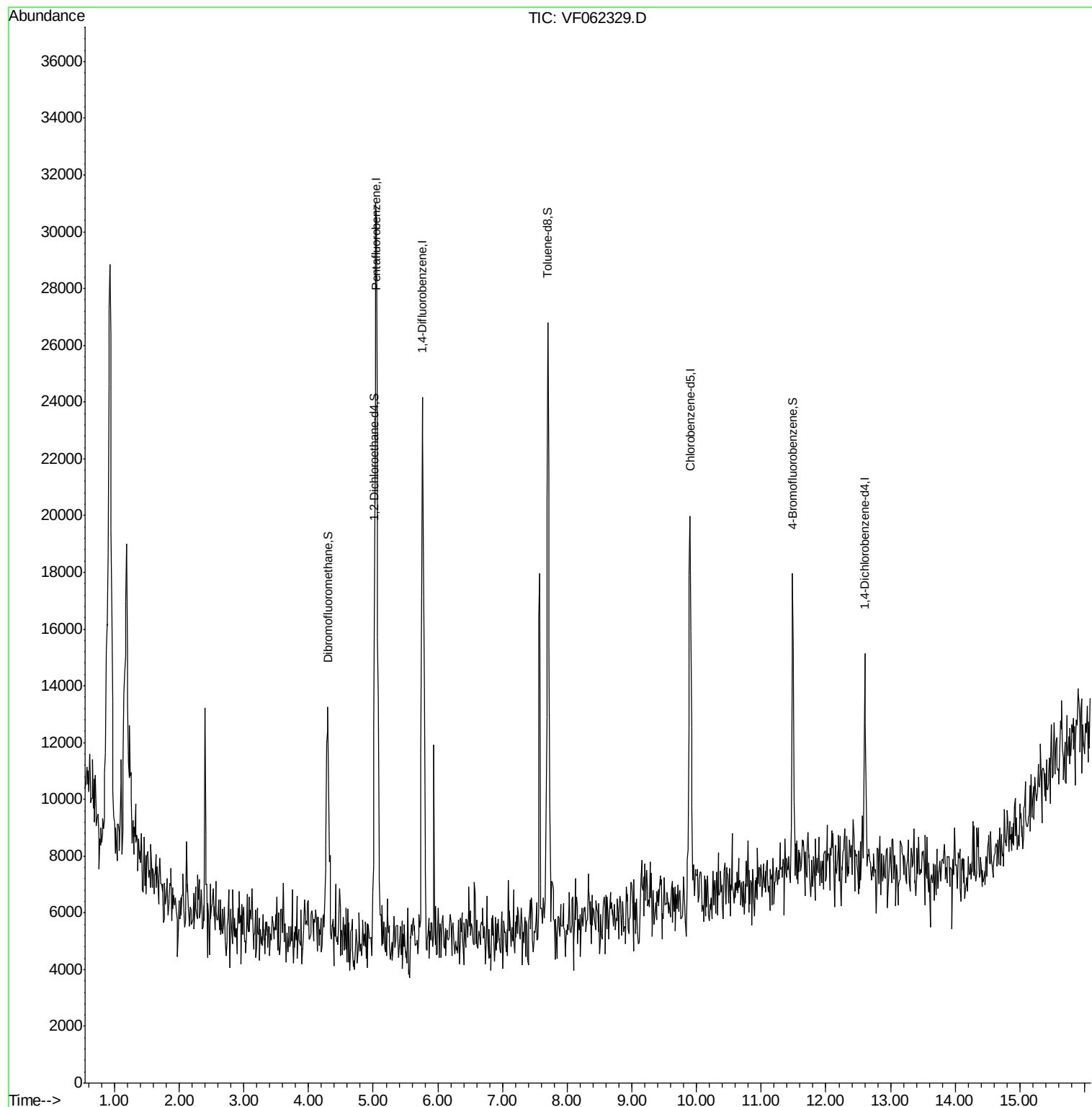
Target Compounds	Qvalue

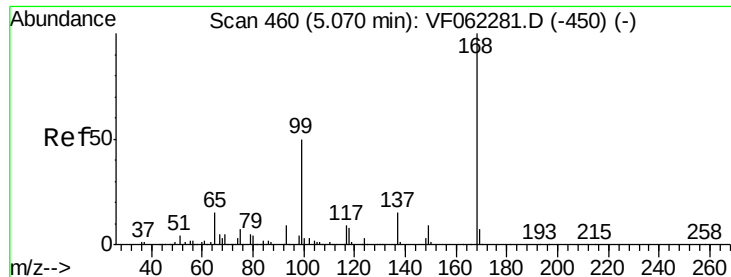
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062329.D

Acq: 29 Apr 2019 22:51

Instrument :

MSVOA_F

ClientSampleId :

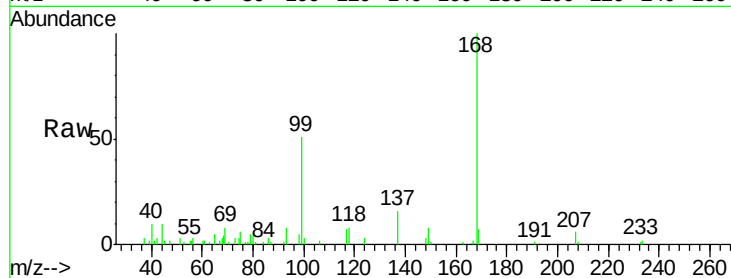
JC-03-042919-IRE

Tot Ion:168 Resp: 25784

Ion Ratio Lower Upper

168 100

99 51.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.05

10000

8000

6000

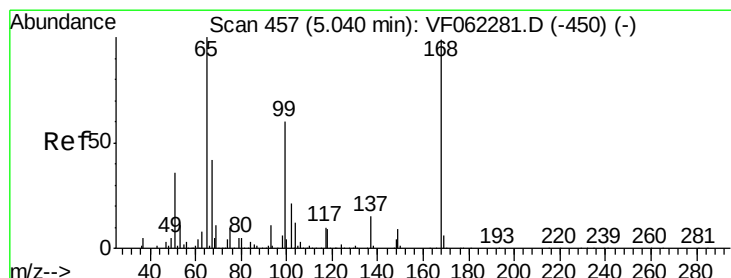
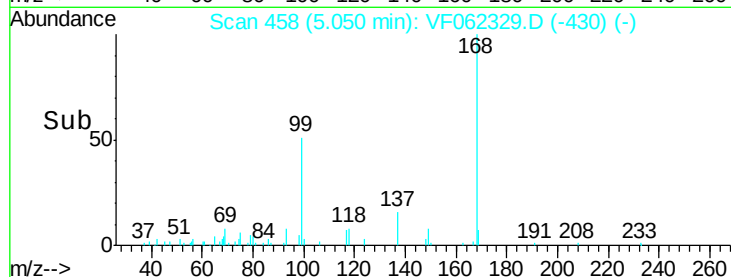
4000

2000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 21.513 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.03 min

Lab File: VF062329.D

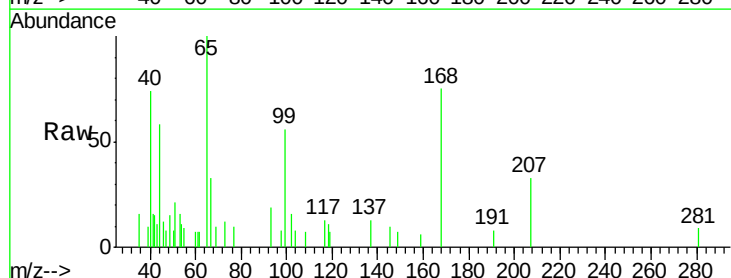
Acq: 29 Apr 2019 22:51

Tgt Ion: 65 Resp: 4493

Ion Ratio Lower Upper

65 100

67 44.6 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.01

1500

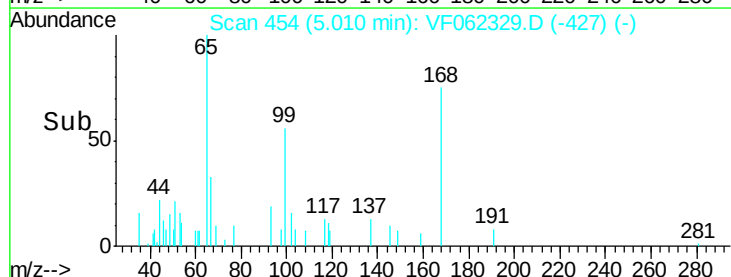
1000

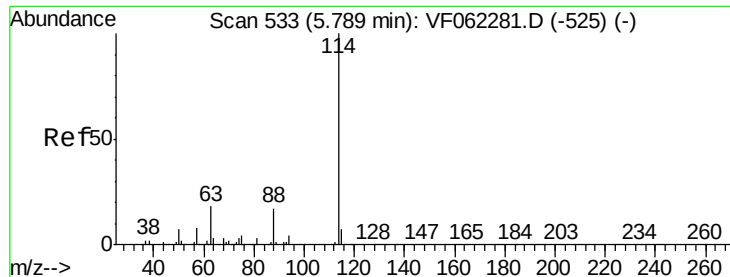
500

0

Time-->

5.00 5.10

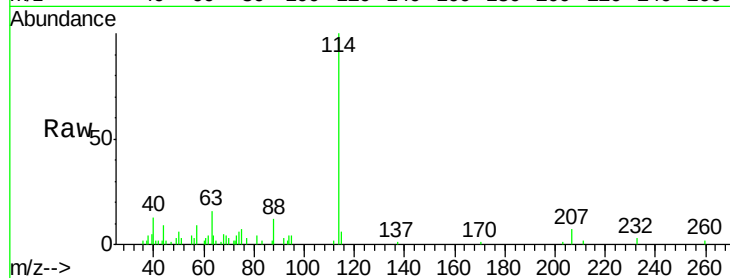




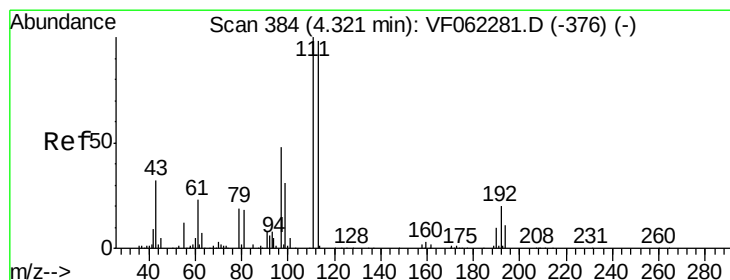
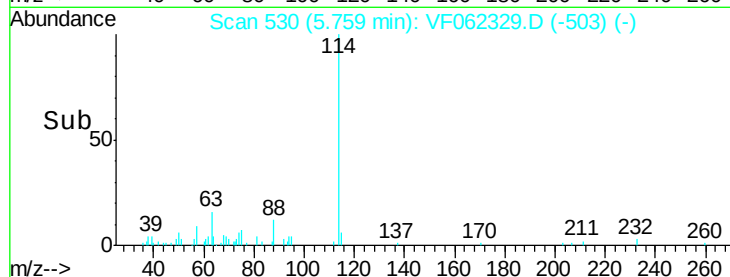
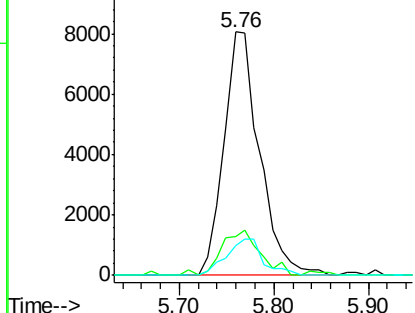
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF062329.D
 Acq: 29 Apr 2019 22:51

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-03-042919-IRE

Tot Ion:114 Resp: 21027
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 35.6
 88 12.2 0.0 34.6

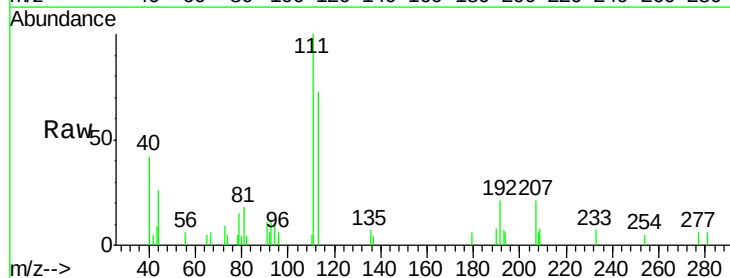


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 87.90 (87.60 to 88.60): VF0

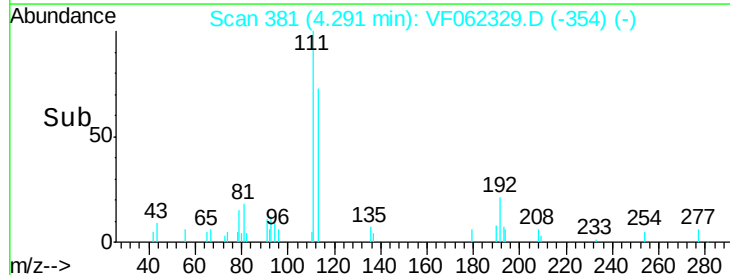
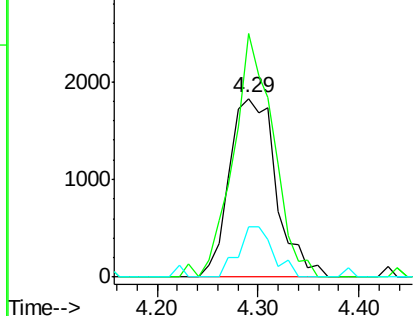


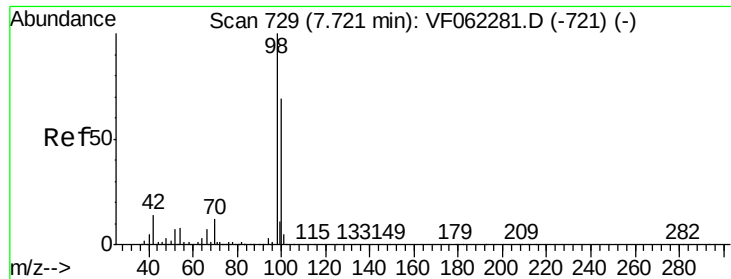
#35
 Dibromofluoromethane
 Concen: 38.004 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.03 min
 Lab File: VF062329.D
 Acq: 29 Apr 2019 22:51

Tgt Ion:113 Resp: 5925
 Ion Ratio Lower Upper
 113 100
 111 116.5 81.4 122.2
 192 21.0 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

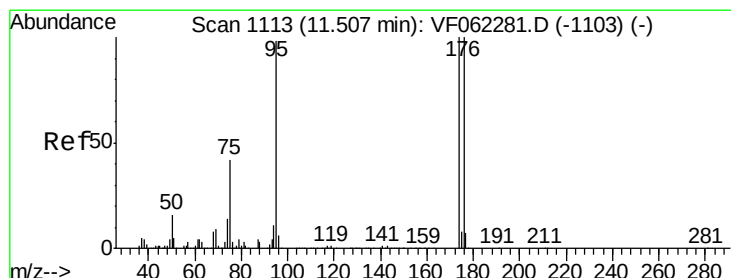
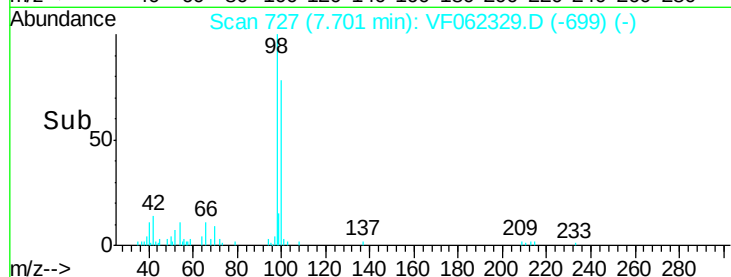
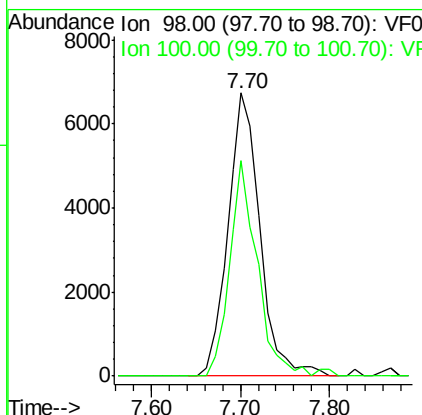
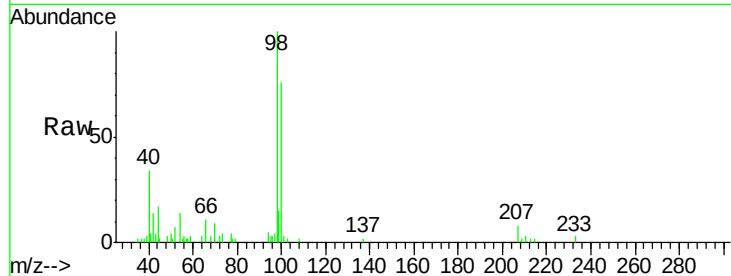




#50
Toluene-d8
Concen: 44.415 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF062329.D
Acq: 29 Apr 2019 22:51

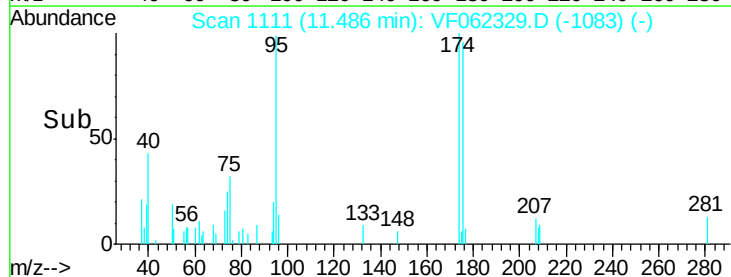
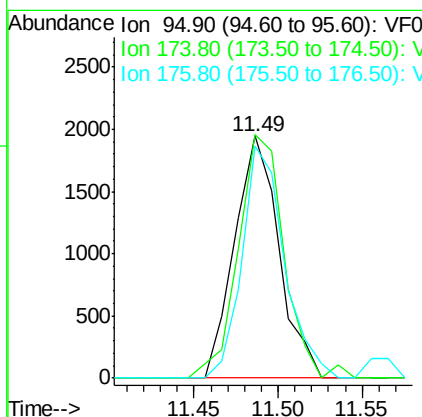
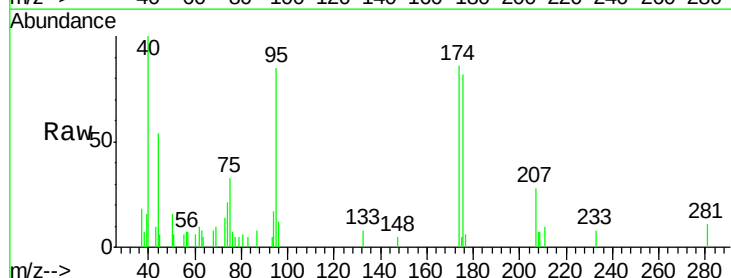
Instrument :
MSVOA_F
ClientSampleId :
JC-03-042919-IRE

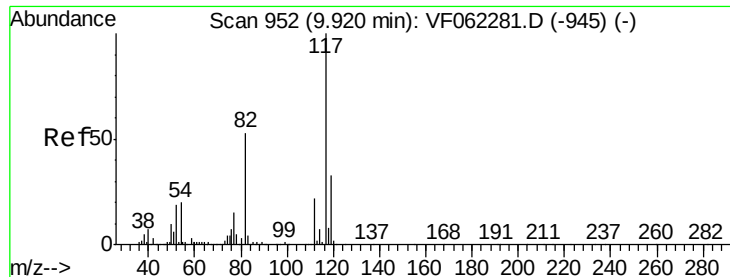
Tot Ion: 98 Resp: 16914
Ion Ratio Lower Upper
98 100
100 65.6 54.4 81.6



#62
4-Bromofluorobenzene
Concen: 22.597 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062329.D
Acq: 29 Apr 2019 22:51

Tgt Ion: 95 Resp: 3547
Ion Ratio Lower Upper
95 100
174 104.4 0.0 185.2
176 91.7 0.0 184.8

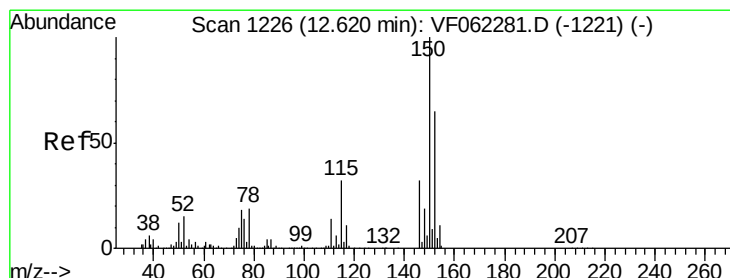
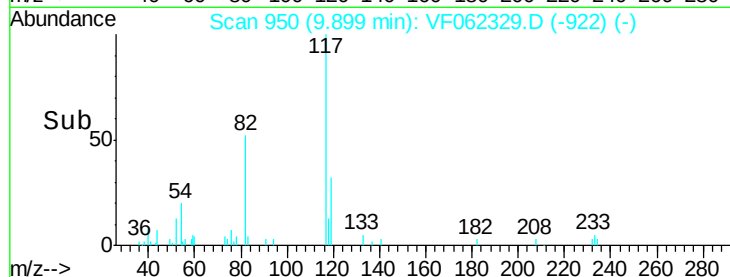
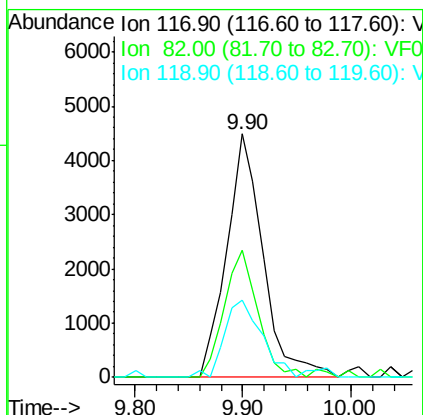
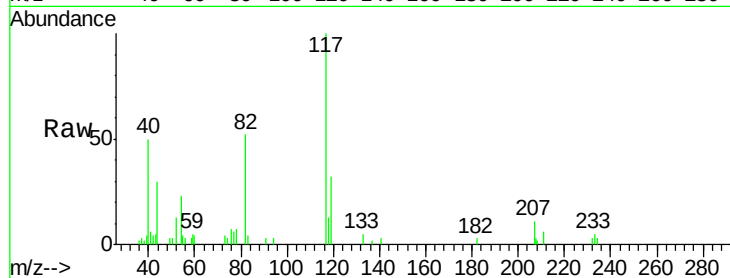




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062329.D
Acq: 29 Apr 2019 22:51

Instrument :
MSVOA_F
ClientSampleId :
JC-03-042919-IRE

Tot Ion:117 Resp: 10500
Ion Ratio Lower Upper
117 100
82 52.4 42.6 64.0
119 31.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062329.D
Acq: 29 Apr 2019 22:51

Tgt Ion:152 Resp: 2055
Ion Ratio Lower Upper
152 100
115 52.8 25.6 76.8
150 137.2 0.0 330.6

