

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042919\
 Data File : VF062328.D
 Acq On : 29 Apr 2019 22:23
 Operator : FY/SY
 Sample : K2194-15RE
 Misc : 5.83g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 30 05:03:00 2019
 Quant Method : Z:\V0ASRV\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	225272	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.77	114	303660	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	225983	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.60	152	110439	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	136696	74.91	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	149.82%	
35) Dibromofluoromethane	4.30	113	161738	71.84	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	143.68%	
50) Toluene-d8	7.70	98	277064	50.38	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.49	95	128177	56.55	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	113.10%	

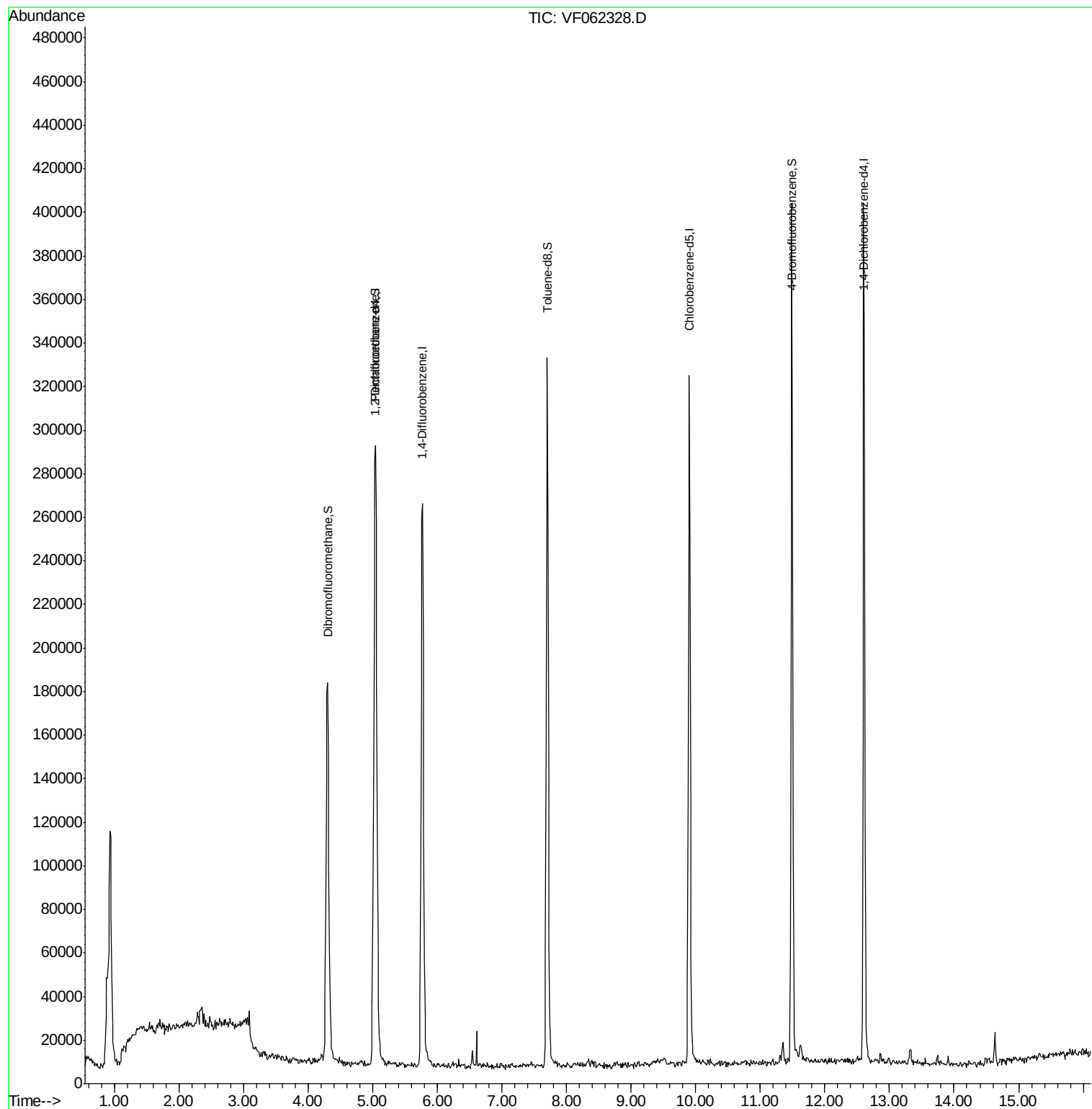
Target Compounds	Qvalue

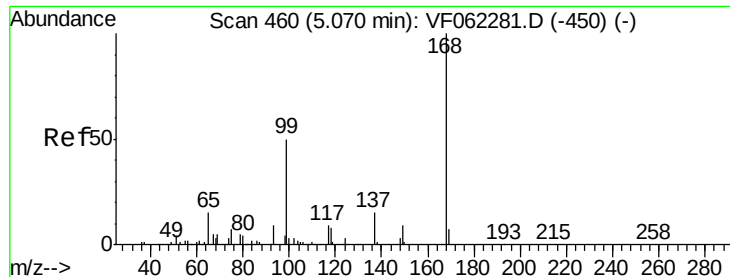
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062328.D

Acq: 29 Apr 2019 22:23

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MSVOA_F

ClientSampleId :

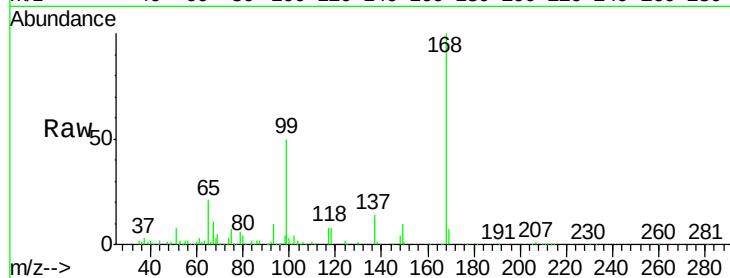
JC-03-042919-HRE

Tot Ion:168 Resp: 225272

Ion Ratio Lower Upper

168 100

99 50.0 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

80000

60000

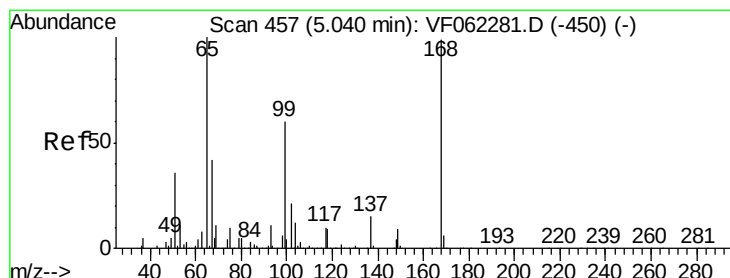
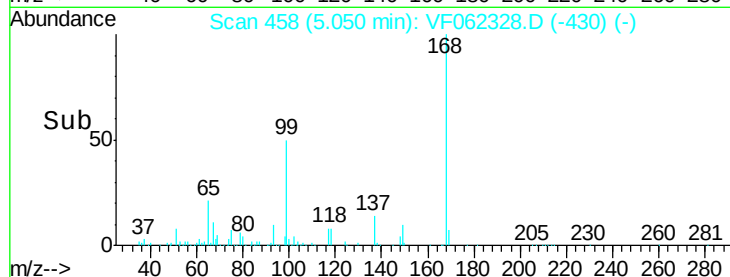
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 74.913 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF062328.D

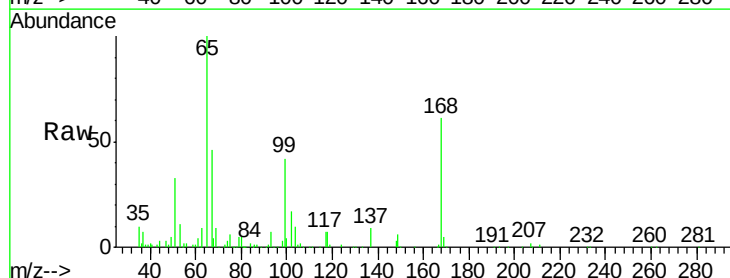
Acq: 29 Apr 2019 22:23

Tgt Ion: 65 Resp: 136696

Ion Ratio Lower Upper

65 100

67 45.4 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

50000

40000

30000

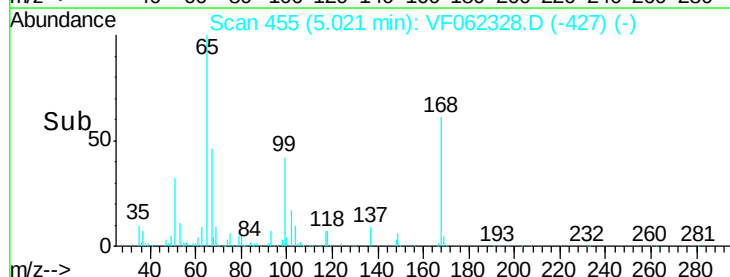
20000

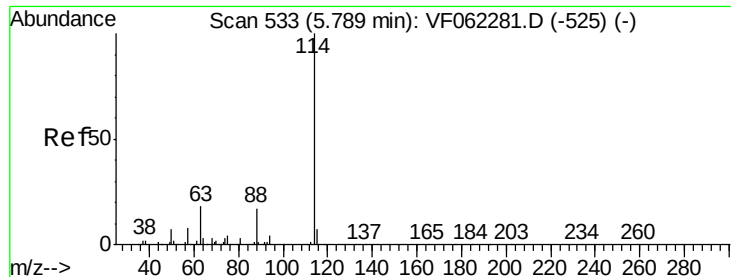
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.02 min

Lab File: VF062328.D

Acq: 29 Apr 2019 22:23

Instrument :

MSVOA_F

ClientSampleId :

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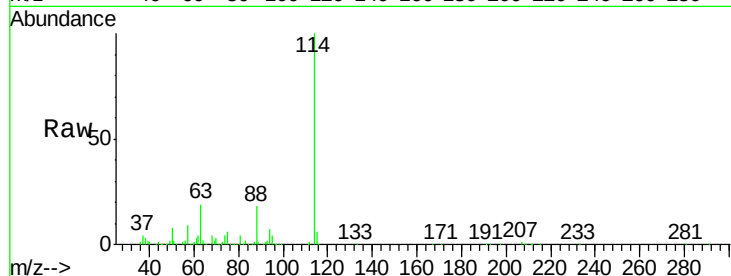
Tot Ion:114 Resp: 303660

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

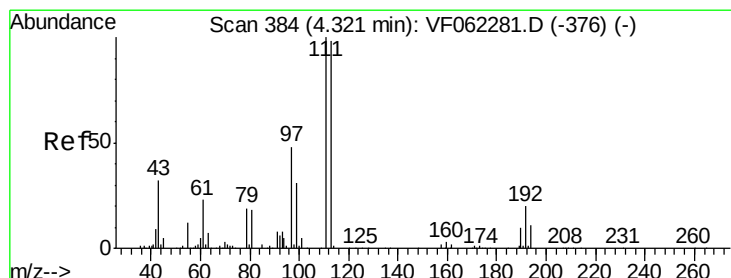
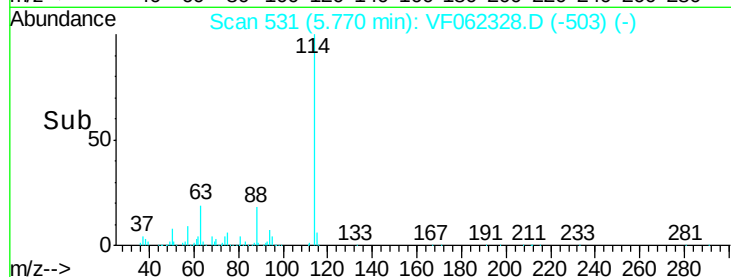
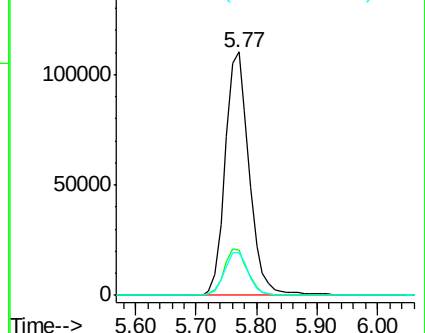
88 17.7 0.0 34.6



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: 71.836 ug/l

RT: 4.30 min Scan# 382

Delta R.T. -0.02 min

Lab File: VF062328.D

Acq: 29 Apr 2019 22:23

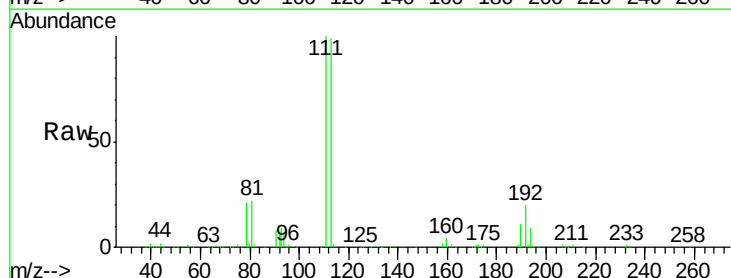
Tgt Ion:113 Resp: 161738

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.2

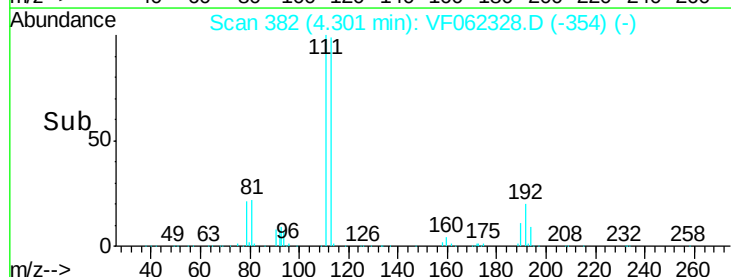
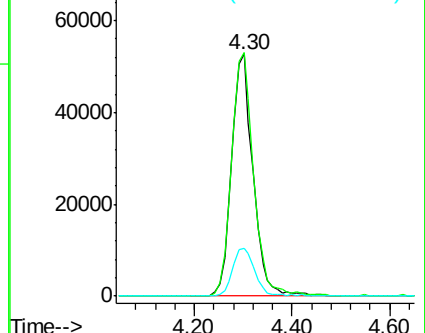
192 20.3 17.0 25.4

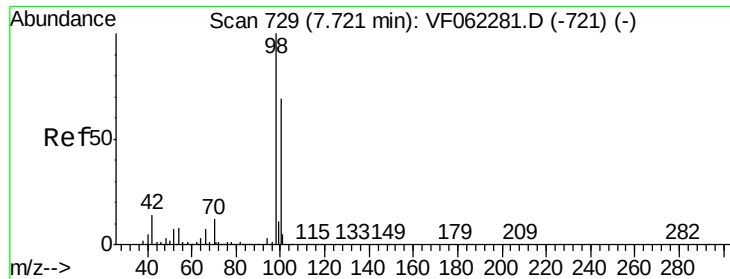


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

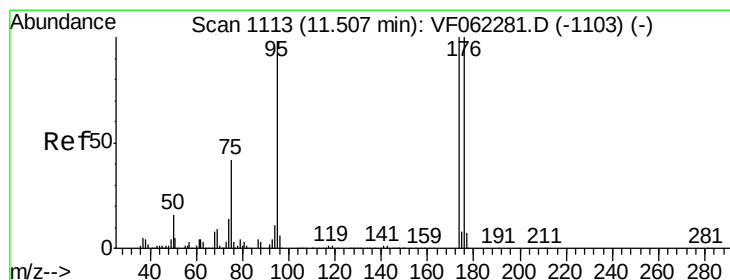
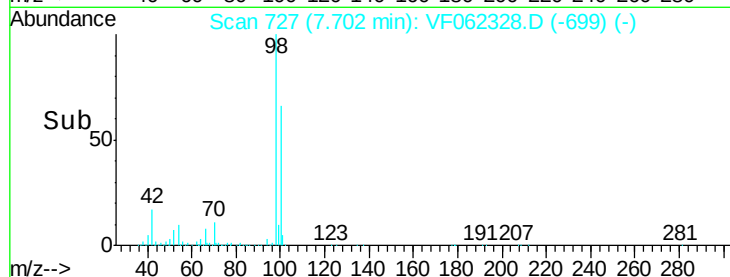
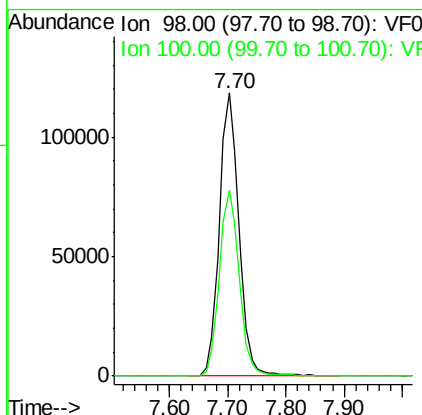
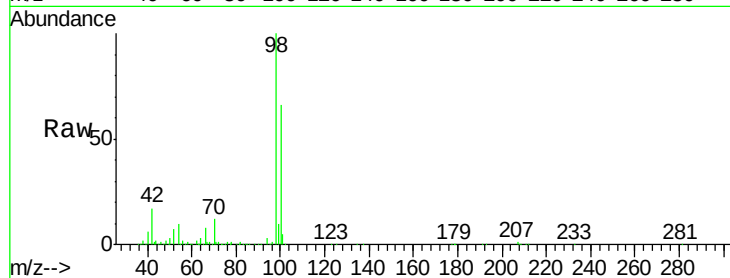




#50
Toluene-d8
Concen: 50.380 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF062328.D
Acq: 29 Apr 2019 22:23

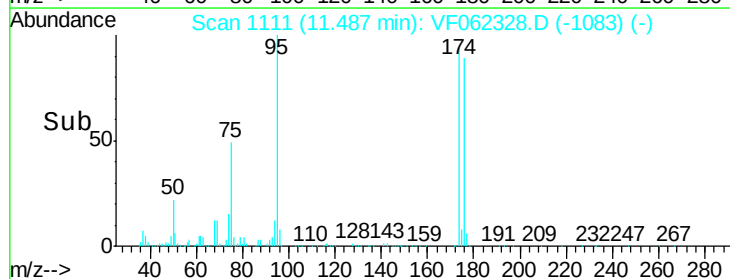
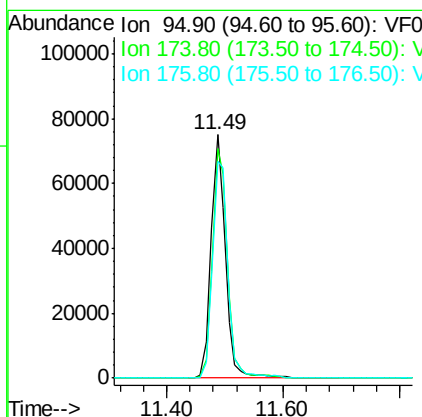
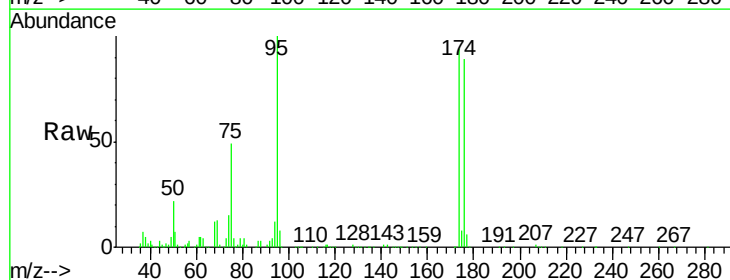
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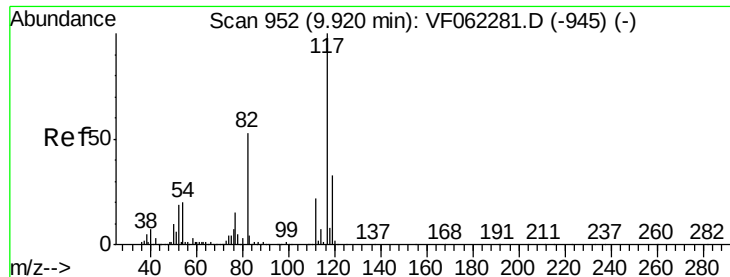
Tot Ion: 98 Resp: 277064
Ion Ratio Lower Upper
98 100
100 66.9 54.4 81.6



#62
4-Bromofluorobenzene
Concen: 56.545 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF062328.D
Acq: 29 Apr 2019 22:23

Tgt Ion: 95 Resp: 128177
Ion Ratio Lower Upper
95 100
174 98.3 0.0 185.2
176 95.6 0.0 184.8

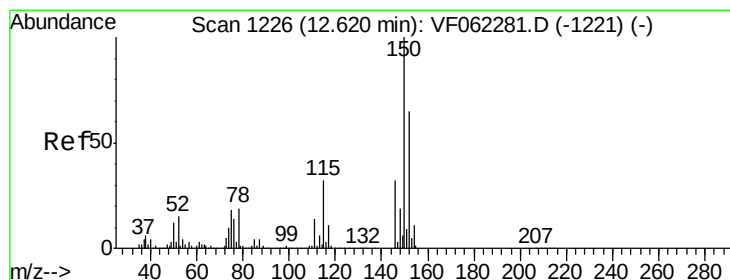
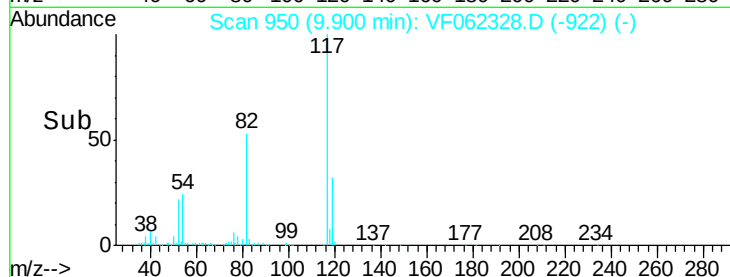
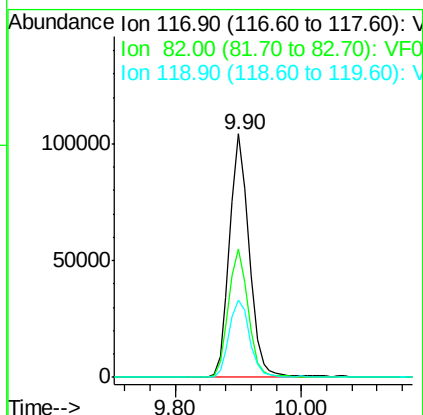
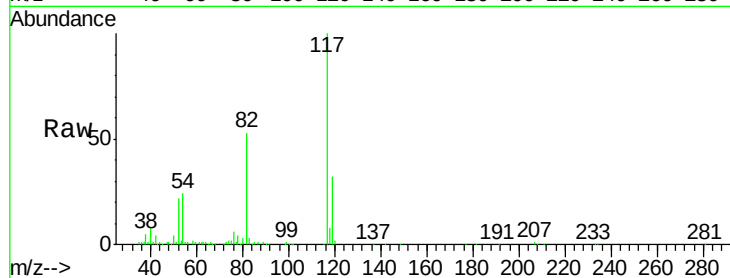




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.02 min
Lab File: VF062328.D
Acq: 29 Apr 2019 22:23

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

Tot Ion:117 Resp: 225983
Ion Ratio Lower Upper
117 100
82 52.6 42.6 64.0
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1224
Delta R.T. -0.02 min
Lab File: VF062328.D
Acq: 29 Apr 2019 22:23

Tgt Ion:152 Resp: 110439
Ion Ratio Lower Upper
152 100
115 53.6 25.6 76.8
150 151.9 0.0 330.6

