

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062832.D
 Acq On : 3 Jun 2019 16:48
 Operator : FY/SY
 Sample : K3138-09RE
 Misc : 5.01g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-07-1.5-2.0RE

Quant Time: Jun 04 09:15:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

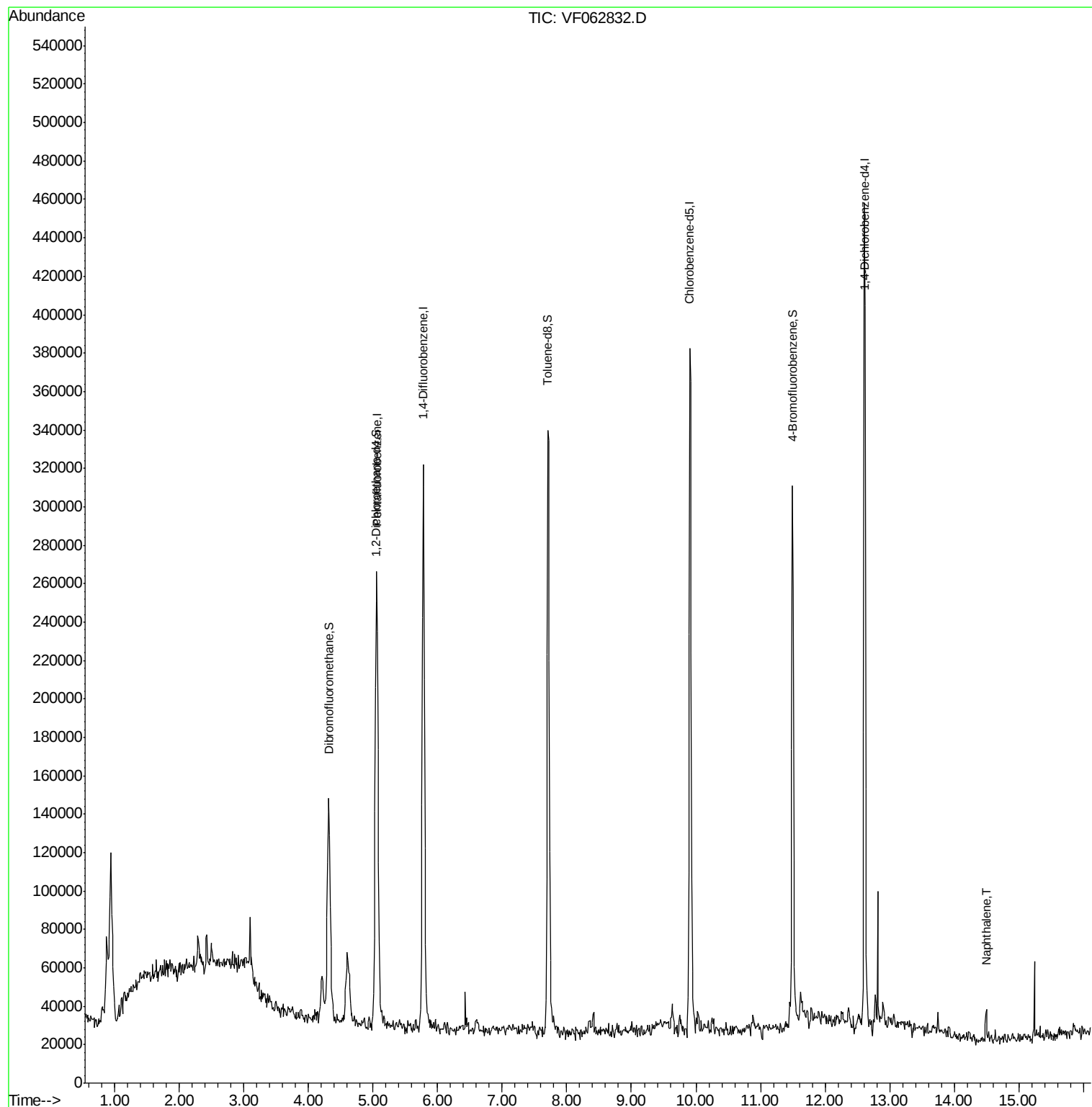
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	229663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	383391	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.92	117	288327	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	117471	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	58028	36.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.08%	
35) Dibromofluoromethane	4.32	113	119500	41.25	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.50%	
50) Toluene-d8	7.72	98	298827	40.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.58%	
62) 4-Bromofluorobenzene	11.49	95	106806	40.53	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.06%	
Target Compounds						
95) Naphthalene	14.49	128	10892	3.033	ug/l #	Qvalue 89

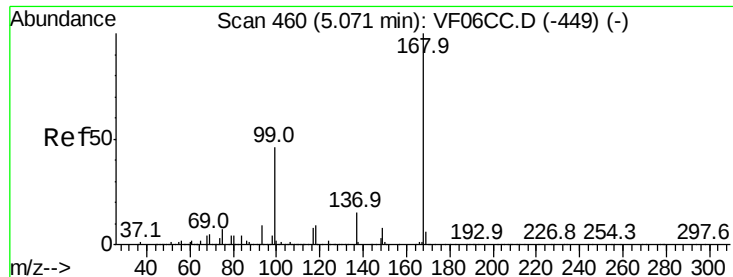
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062832.D

Acq: 3 Jun 2019 16:48

Instrument :

MSVOA_F

ClientSampleId :

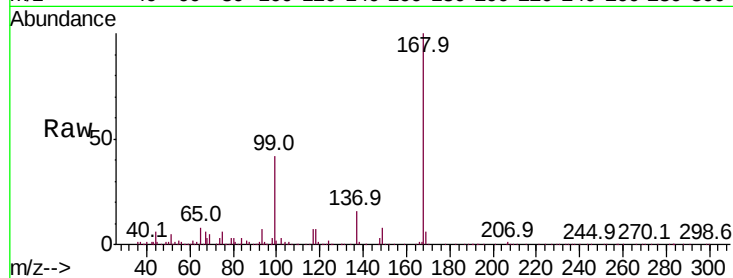
B-07-1.5-2.0RE

Tot Ion:168 Resp: 229663

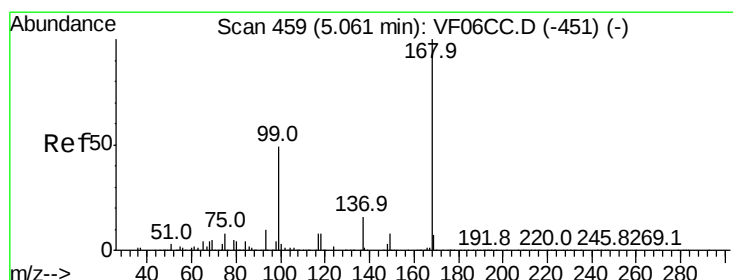
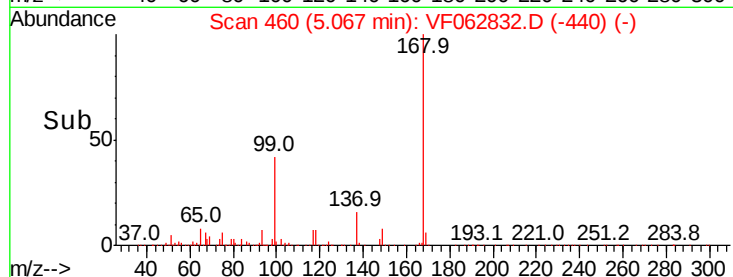
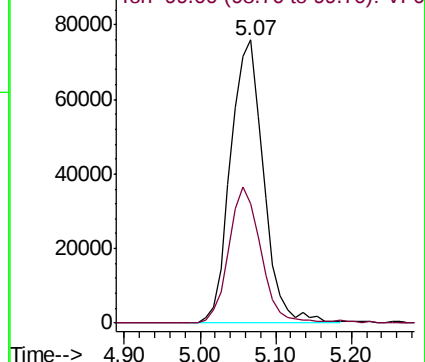
Ion Ratio Lower Upper

168 100

99 42.1 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 36.538 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062832.D

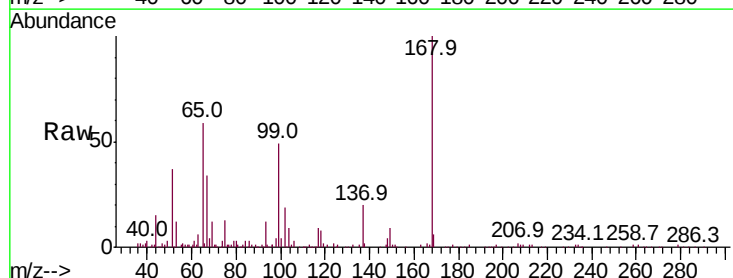
Acq: 3 Jun 2019 16:48

Tgt Ion: 65 Resp: 58028

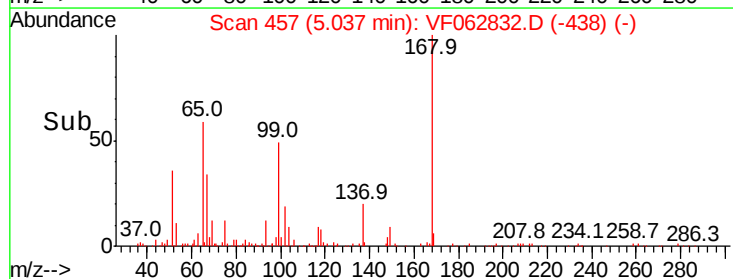
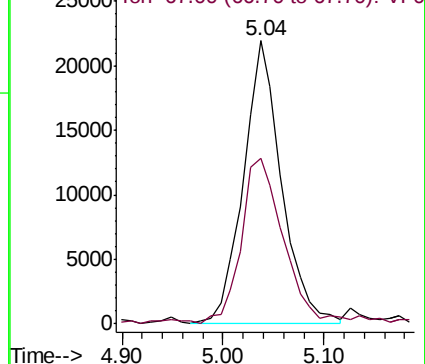
Ion Ratio Lower Upper

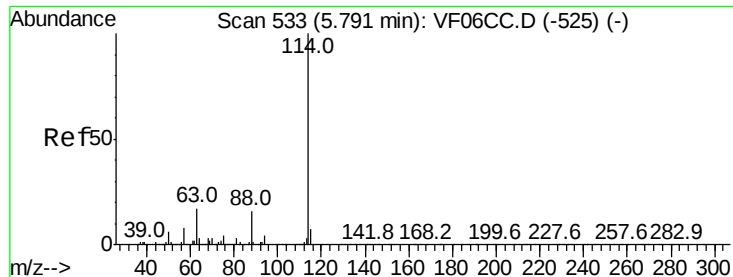
65 100

67 58.6 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.03 min

Lab File: VF062832.D

Acq: 3 Jun 2019 16:48

Instrument :

MSVOA_F

ClientSampleId :

B-07-1.5-2.0RE

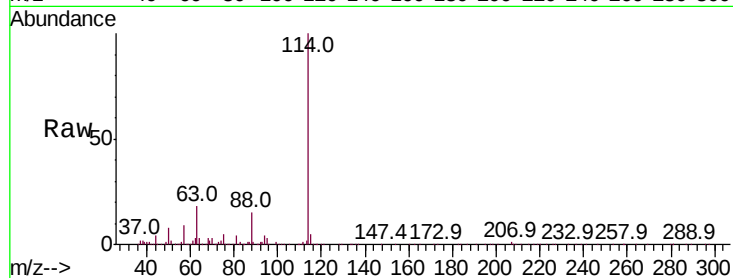
Tot Ion:114 Resp: 383391

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.2

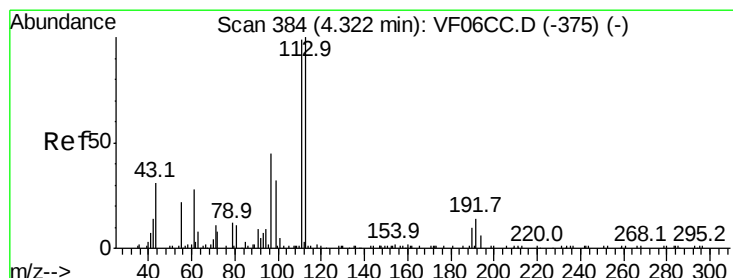
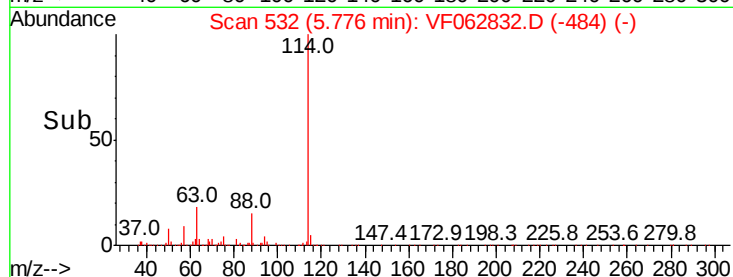
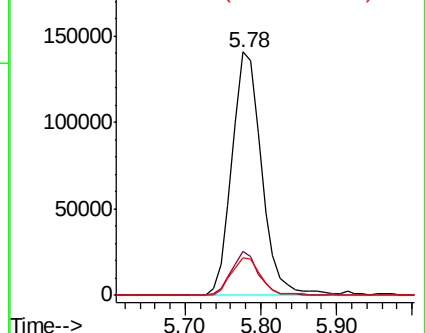
88 15.4 0.0 31.2



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: 41.248 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062832.D

Acq: 3 Jun 2019 16:48

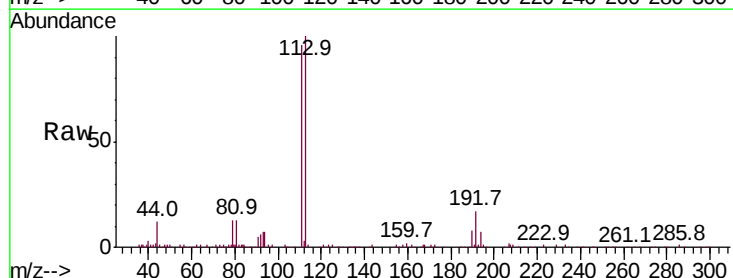
Tgt Ion:113 Resp: 119500

Ion Ratio Lower Upper

113 100

111 94.9 81.9 122.9

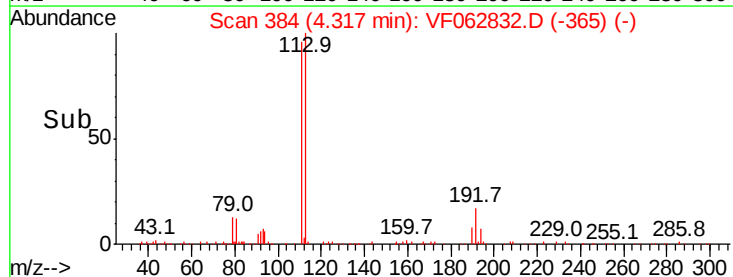
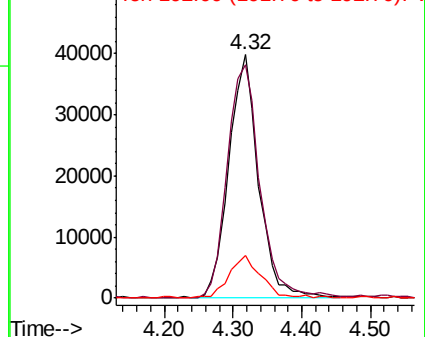
192 17.5 15.1 22.7

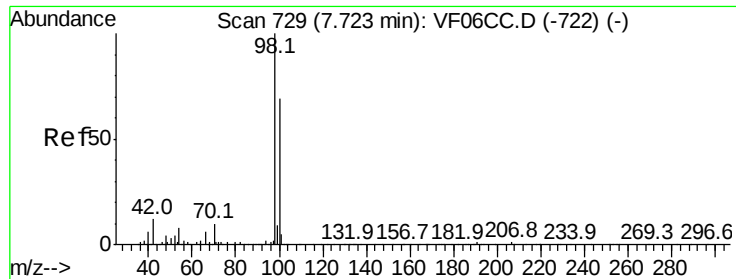


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

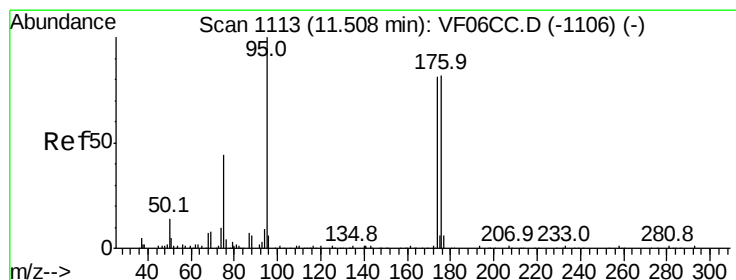
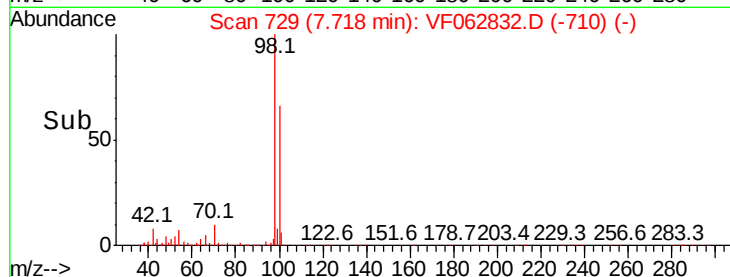
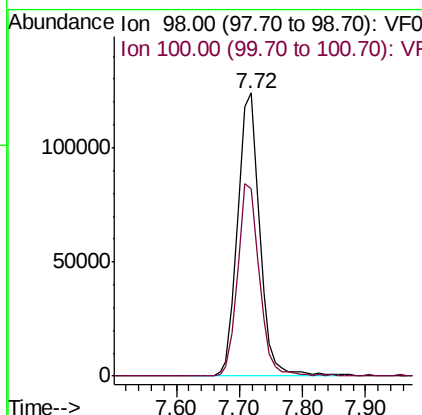
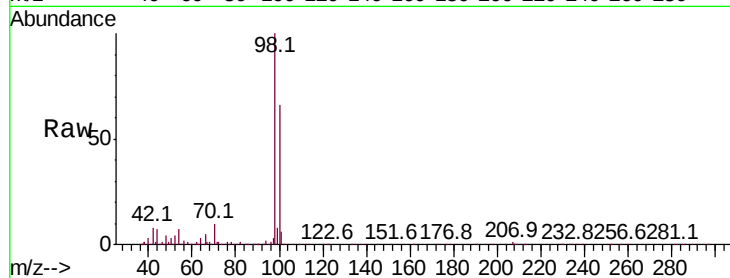




#50
Toluene-d8
Concen: 40.789 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062832.D
Acq: 3 Jun 2019 16:48

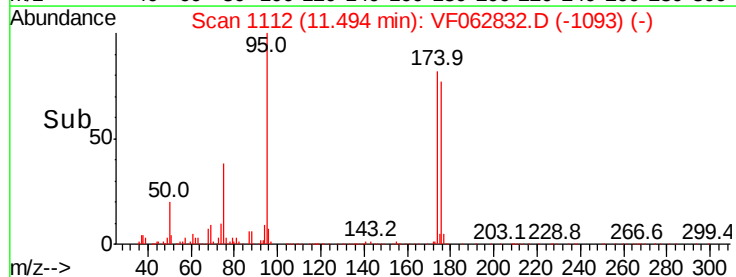
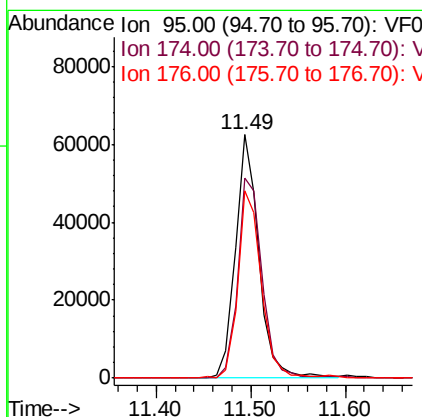
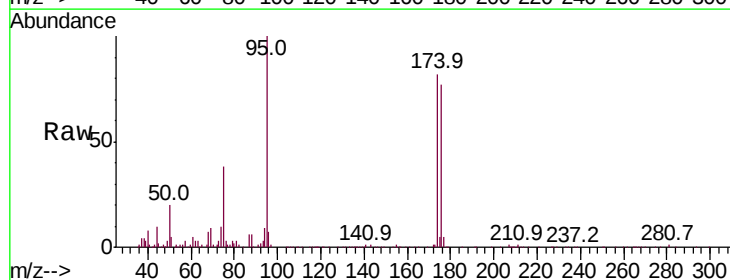
Instrument :
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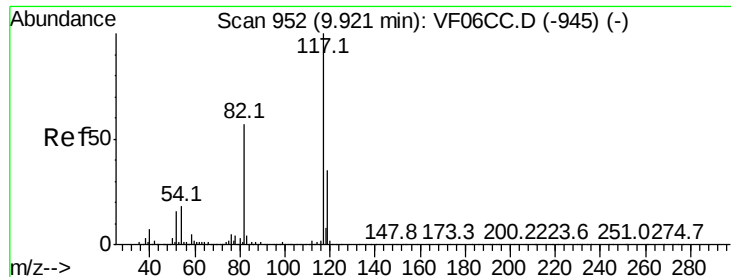
Tot Ion: 98 Resp: 298827
Ion Ratio Lower Upper
98 100
100 66.2 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 40.529 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF062832.D
Acq: 3 Jun 2019 16:48

Tgt Ion: 95 Resp: 106806
Ion Ratio Lower Upper
95 100
174 82.0 0.0 170.6
176 77.0 0.0 170.6

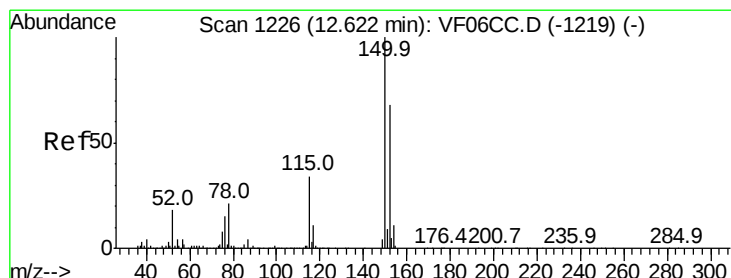
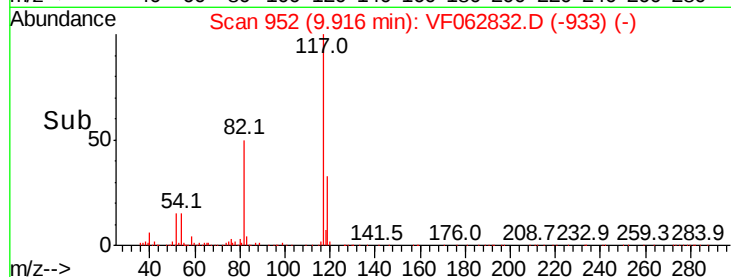
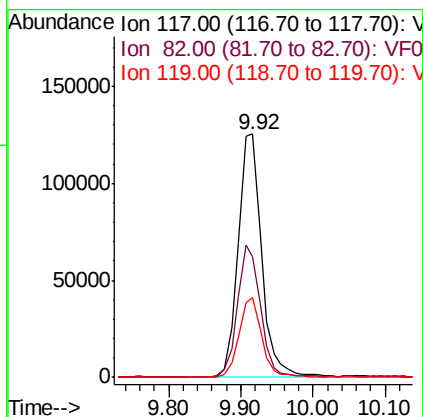
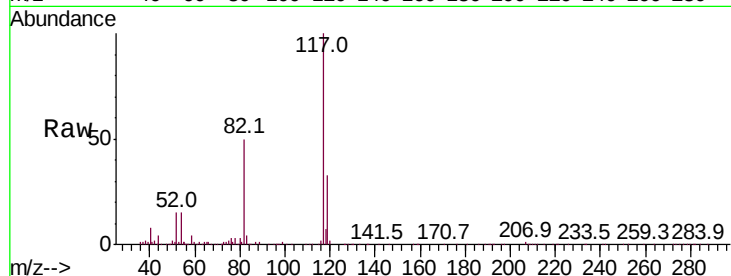




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062832.D
Acq: 3 Jun 2019 16:48

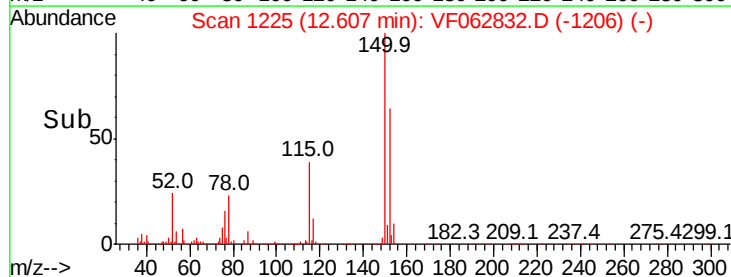
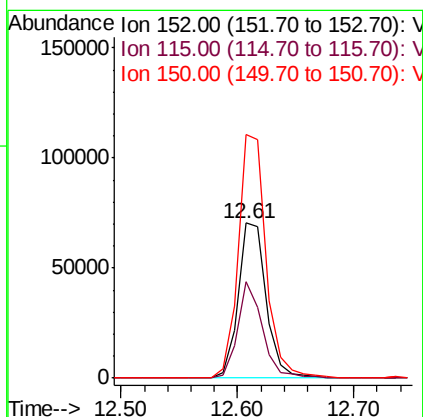
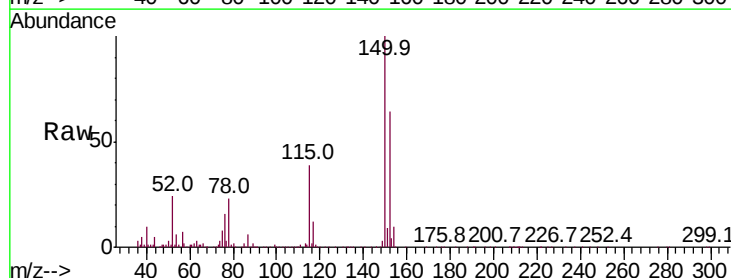
Instrument :
MSVOA_F
ClientSampleId :
B-07-1.5-2.0RE

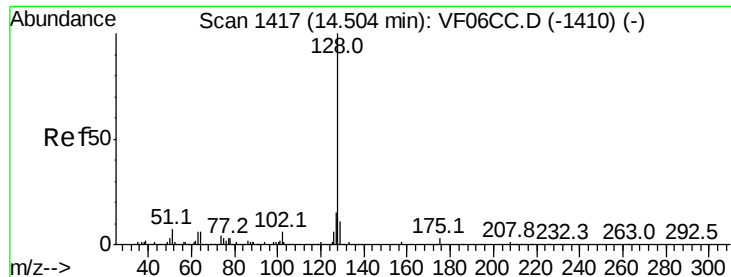
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	42.4	63.6
119	33.0	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062832.D
Acq: 3 Jun 2019 16:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	24.6	74.0
150	156.8	0.0	290.6





#95

Naphthalene

Concen: 3.033 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.02 min

Lab File: VF062832.D

Acq: 3 Jun 2019 16:48

Instrument :

MSVOA_F

ClientSampleId :

B-07-1.5-2.0RE

Tot Ion:128 Resp: 10892

Ion Ratio Lower Upper

128 100

127 8.8 9.7 14.5#

129 6.8 9.4 14.2#

