

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060719\
 Data File : VF062901.D
 Acq On : 7 Jun 2019 16:43
 Operator : FY/SY
 Sample : K3163-07RE
 Misc : 6.27g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-04-060719-BRE

Quant Time: Jun 08 01:25:04 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	739785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	1240043	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.92	117	831360	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	295069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	209019	40.86	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	81.72%	
35) Dibromofluoromethane	4.32	113	389412	41.56	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	83.12%	
50) Toluene-d8	7.72	98	721265	30.44	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	60.88%	
62) 4-Bromofluorobenzene	11.49	95	231117	27.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	54.24%	

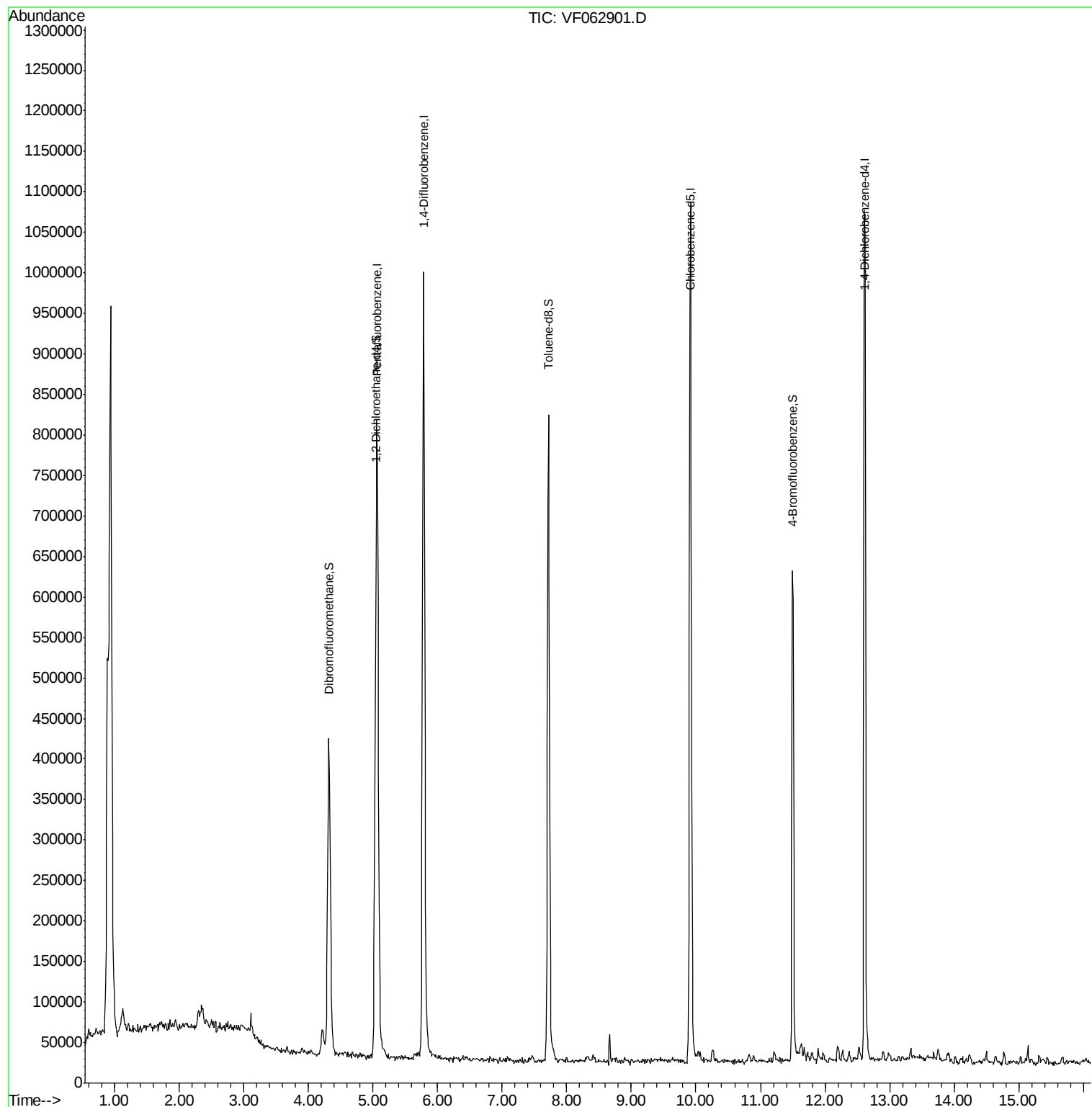
Target Compounds	Qvalue

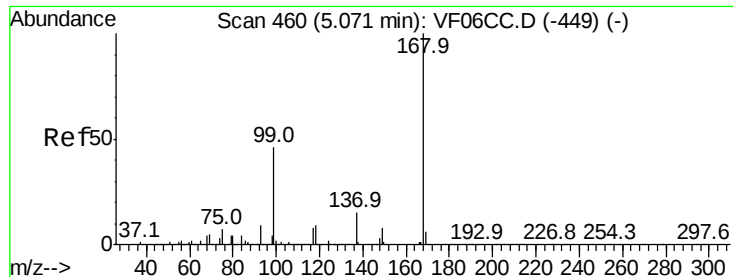
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062901.D

Acq: 7 Jun 2019 16:43

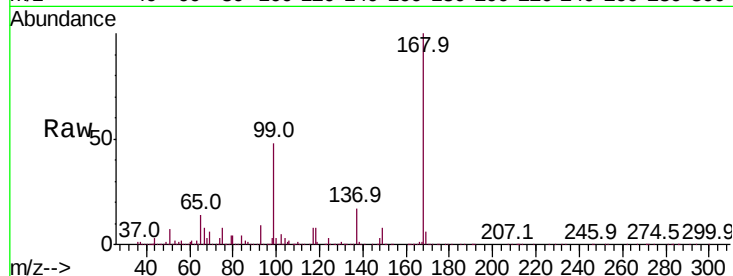
Instrument :
MSVOA_F
ClientSampleId :
SU-04-060719-BRE

Tot Ion:168 Resp: 739785

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.07

250000

200000

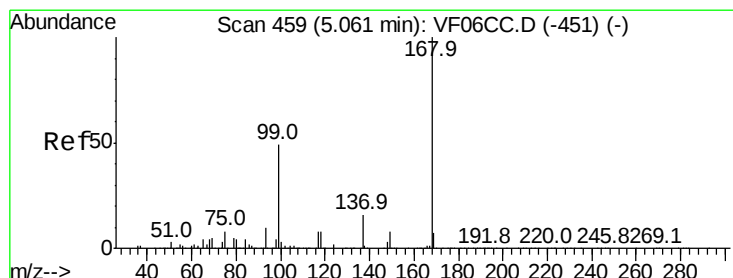
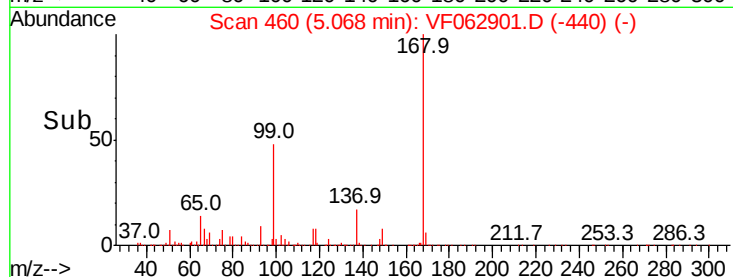
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.859 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062901.D

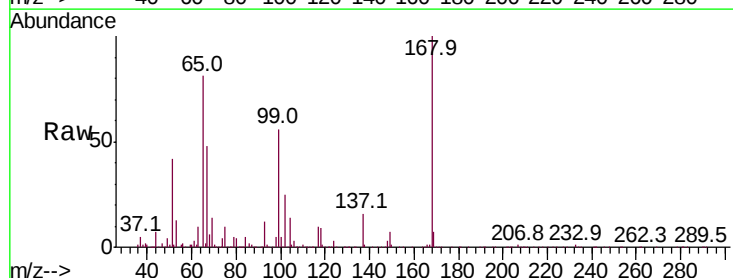
Acq: 7 Jun 2019 16:43

Tgt Ion: 65 Resp: 209019

Ion Ratio Lower Upper

65 100

67 58.6 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.04

80000

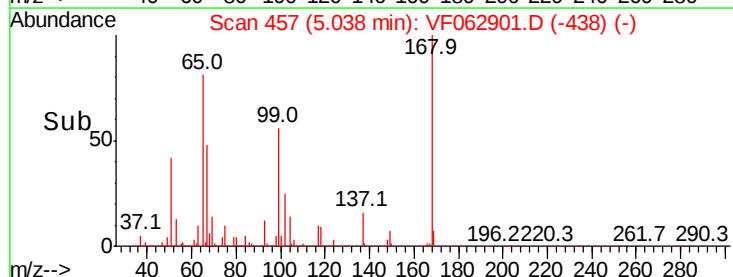
60000

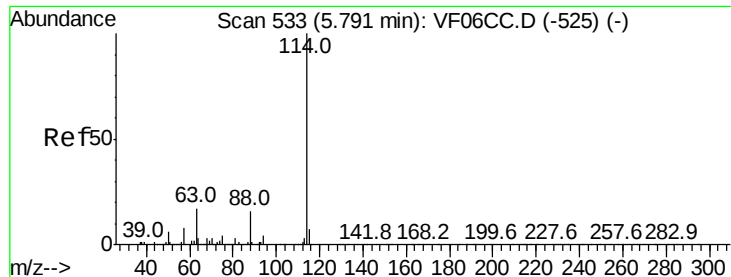
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. -0.02 min

Lab File: VF062901.D

Acq: 7 Jun 2019 16:43

Instrument :

MSVOA_F

ClientSampleId :

SU-04-060719-BRE

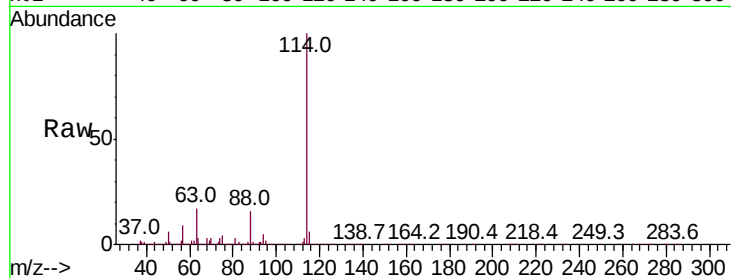
Tot Ion:114 Resp: 1240043

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

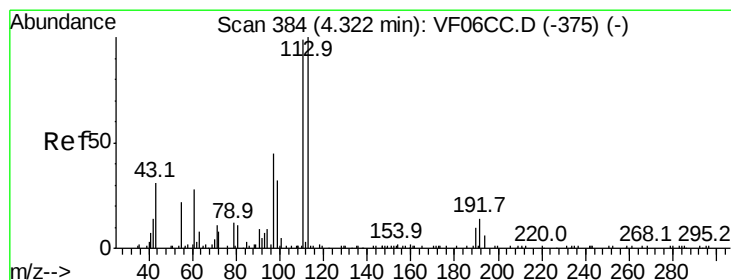
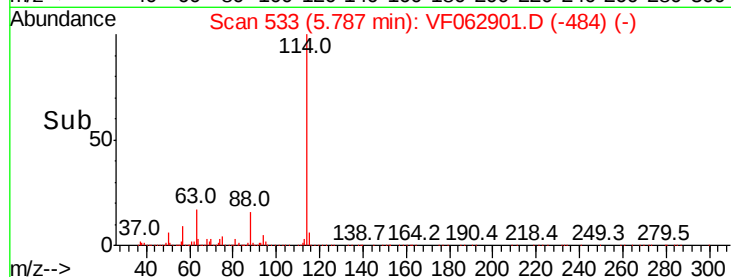
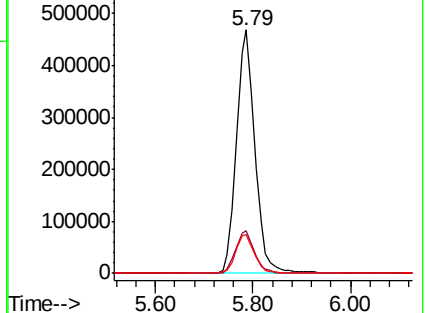
88 15.8 0.0 31.2



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: 41.558 ug/l

RT: 4.32 min Scan# 384

Delta R.T. -0.02 min

Lab File: VF062901.D

Acq: 7 Jun 2019 16:43

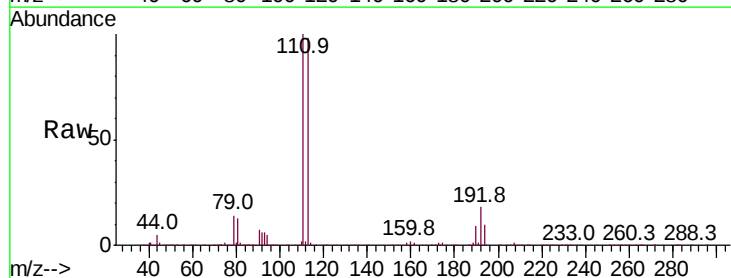
Tgt Ion:113 Resp: 389412

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

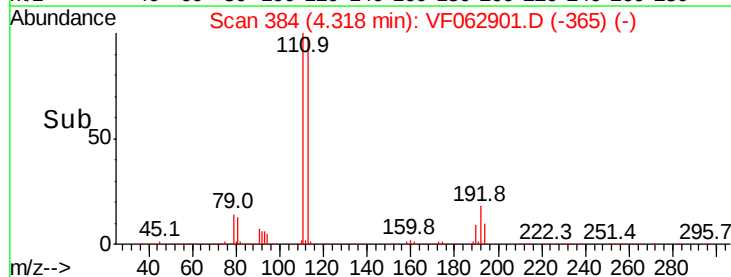
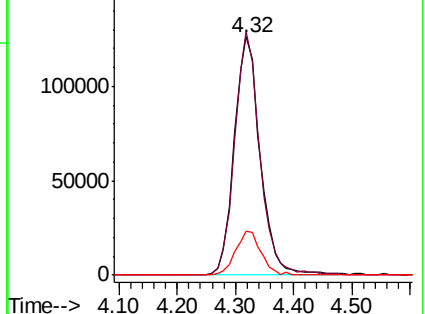
192 18.4 15.1 22.7

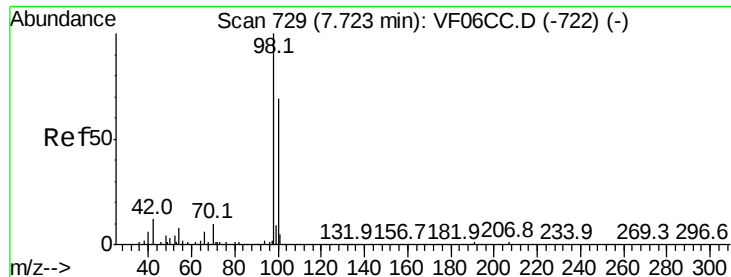


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

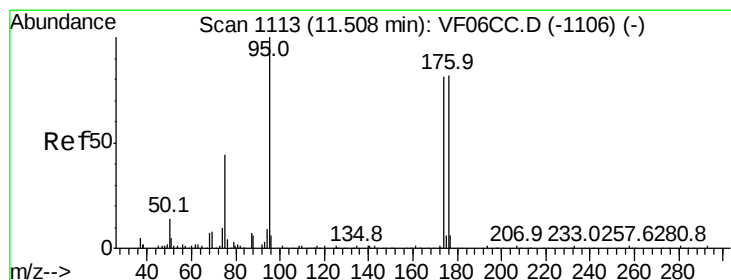
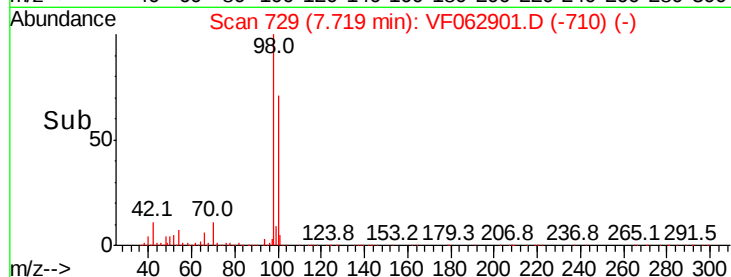
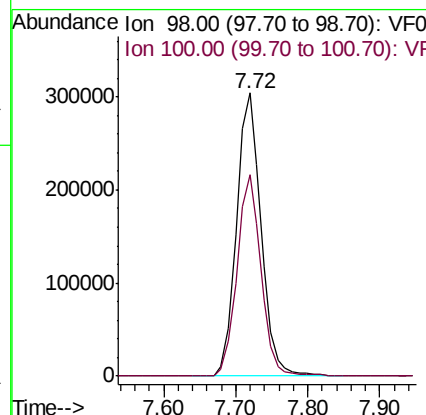
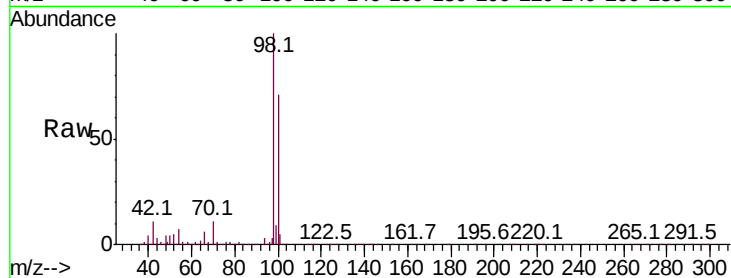




#50
Toluene-d8
Concen: 30.439 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062901.D
Acq: 7 Jun 2019 16:43

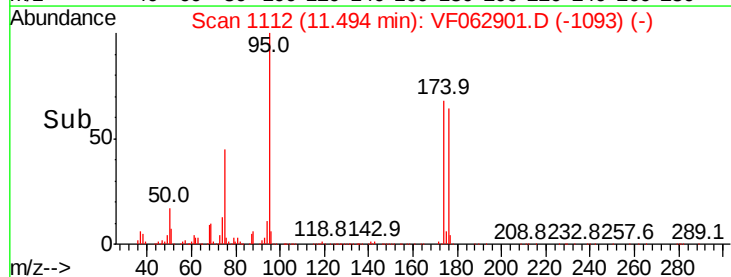
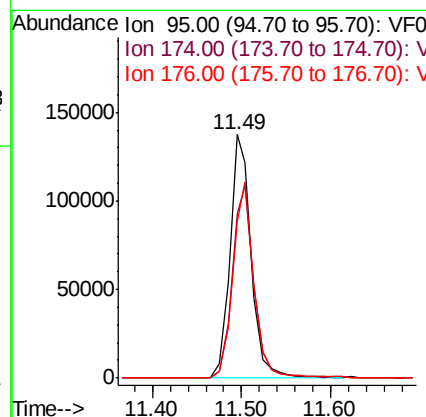
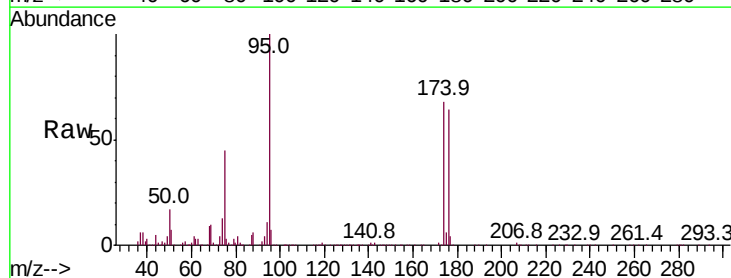
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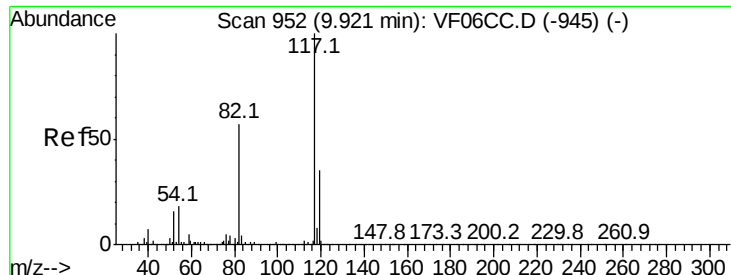
Tot Ion: 98 Resp: 721265
Ion Ratio Lower Upper
98 100
100 71.1 59.8 89.8



#62
4-Bromofluorobenzene
Concen: 27.115 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VF062901.D
Acq: 7 Jun 2019 16:43

Tgt Ion: 95 Resp: 231117
Ion Ratio Lower Upper
95 100
174 67.6 0.0 170.6
176 64.1 0.0 170.6

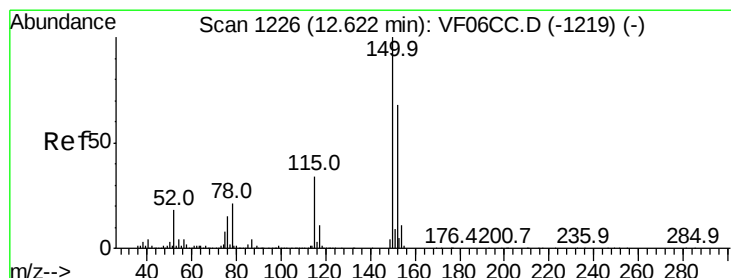
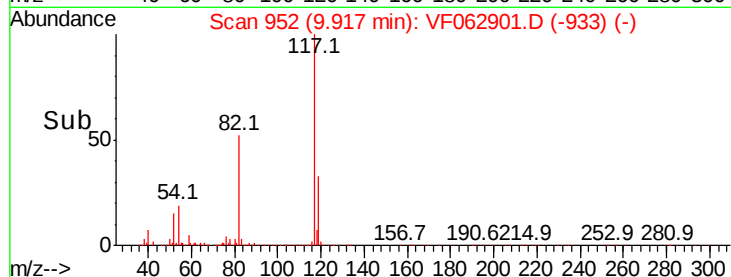
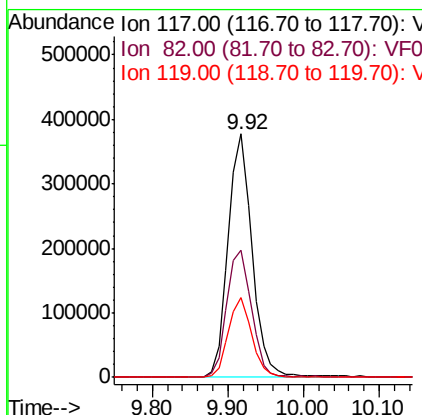
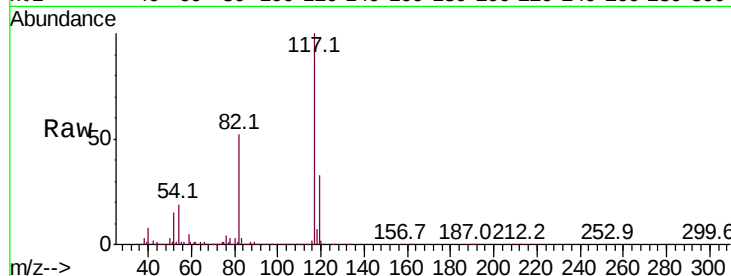




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062901.D
Acq: 7 Jun 2019 16:43

Instrument :
MSVOA_F
ClientSampleId :
SU-04-060719-BRE

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.4	63.6
119	32.6	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. -0.01 min
Lab File: VF062901.D
Acq: 7 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.8	24.6	74.0
150	149.9	0.0	290.6

