

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060419\
 Data File : VF062852.D
 Acq On : 4 Jun 2019 21:25
 Operator : FY/SY
 Sample : K3151-01
 Misc : 4.45g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 AU-06-060419-A

Quant Time: Jun 05 06:42:08 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	5.06	168	684862	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1132198	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	581692	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.61	152	142318	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	170772	36.06	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	72.12%	
35) Dibromofluoromethane	4.31	113	318263	37.20	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	74.40%	
50) Toluene-d8	7.72	98	400556	18.51	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	37.02%	
62) 4-Bromofluorobenzene	11.49	95	136929	17.59	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	35.18%	

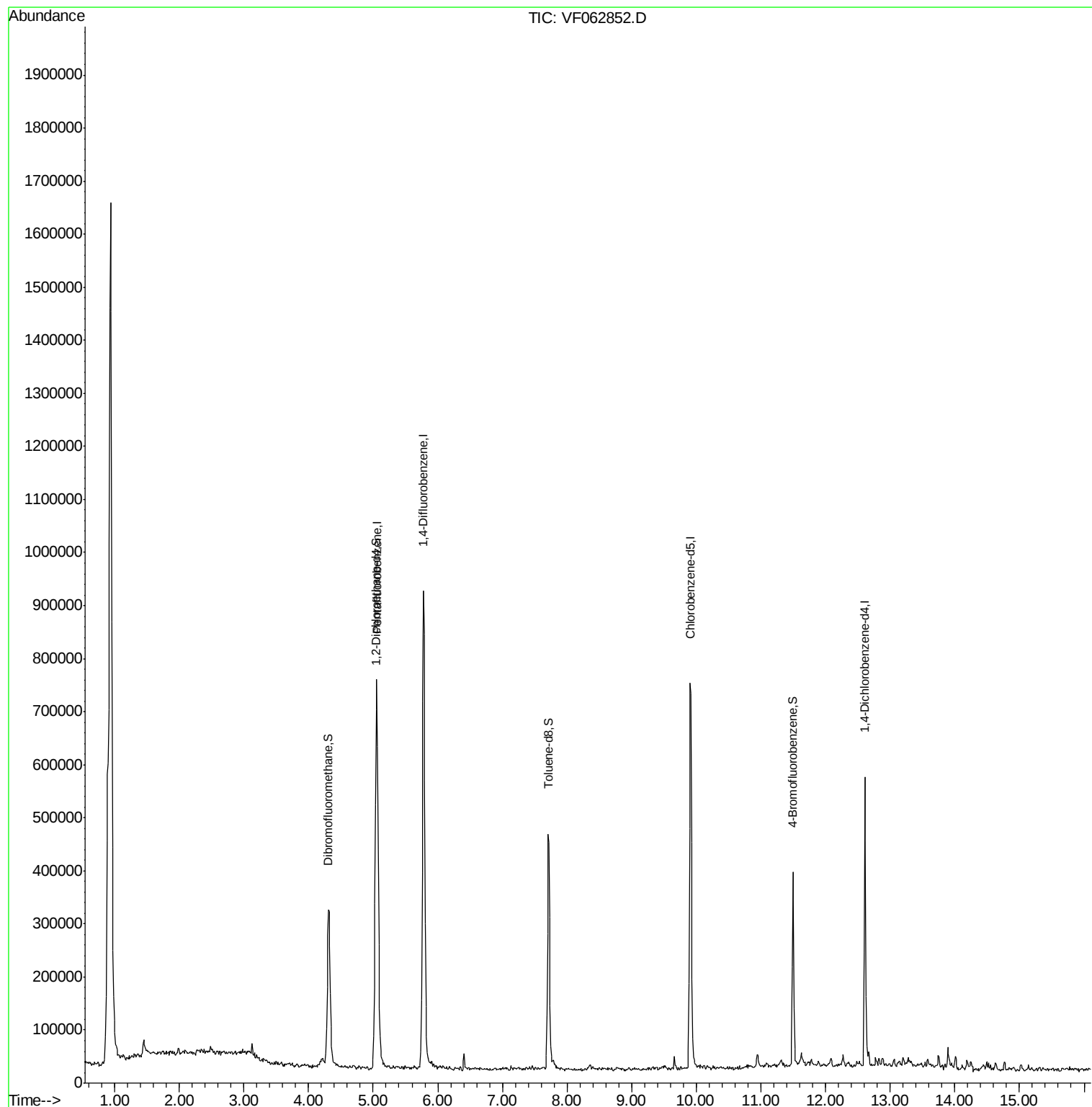
Target Compounds	Qvalue

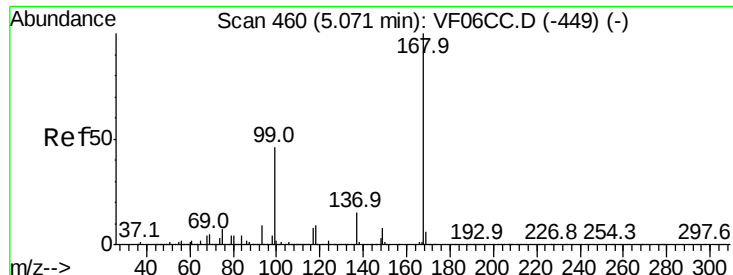
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.02 min

Lab File: VF062852.D

Acq: 4 Jun 2019 21:25

Instrument :

MSVOA_F

ClientSampleId :

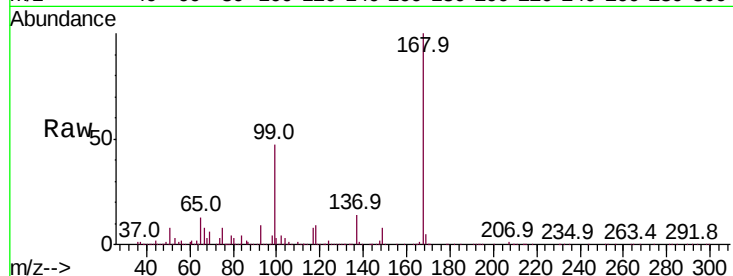
AU-06-060419-A

Tot Ion:168 Resp: 684862

Ion Ratio Lower Upper

168 100

99 46.9 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.06

250000

200000

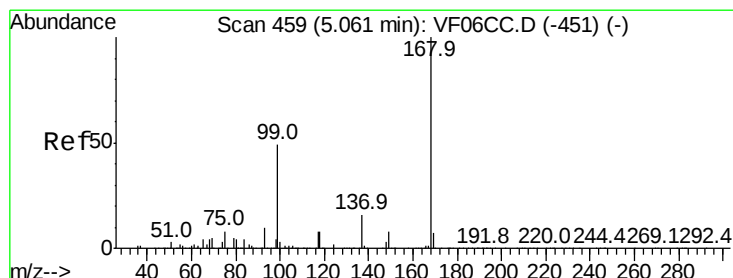
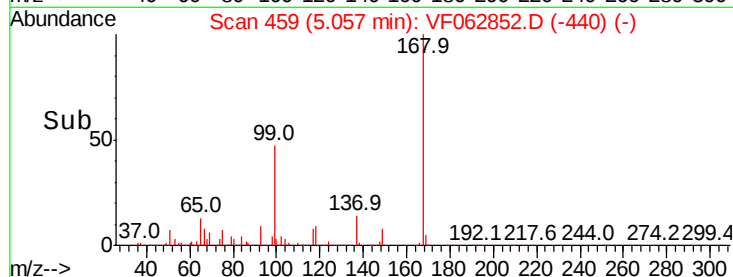
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 36.059 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062852.D

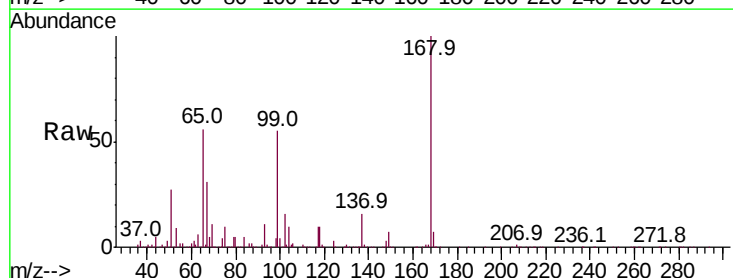
Acq: 4 Jun 2019 21:25

Tgt Ion: 65 Resp: 170772

Ion Ratio Lower Upper

65 100

67 56.4 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

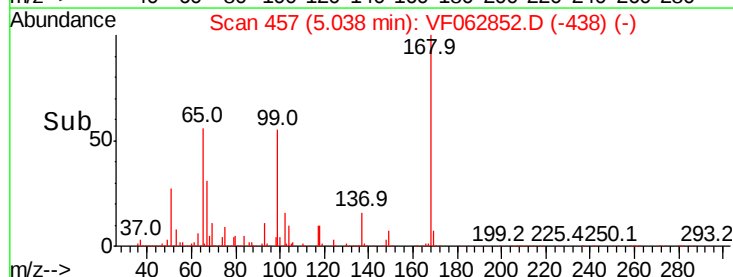
60000

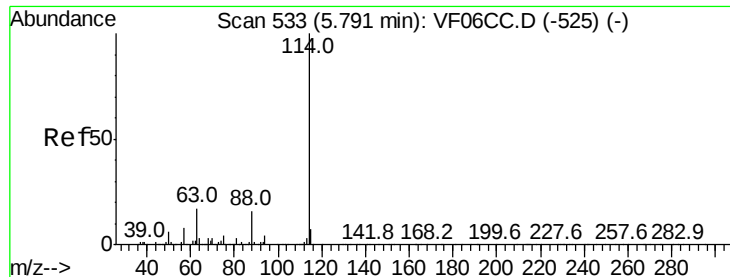
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.03 min

Lab File: VF062852.D

Acq: 4 Jun 2019 21:25

Instrument :

MSVOA_F

ClientSampleId :

AU-06-060419-A

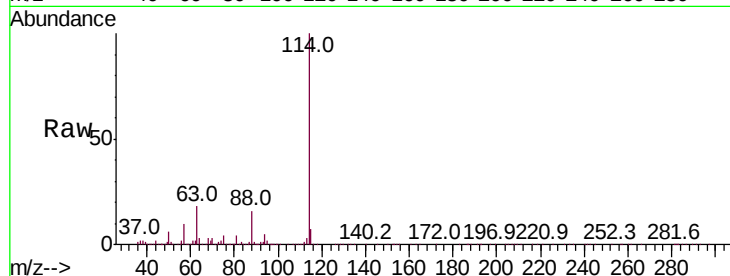
Tot Ion:114 Resp: 1132198

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.2

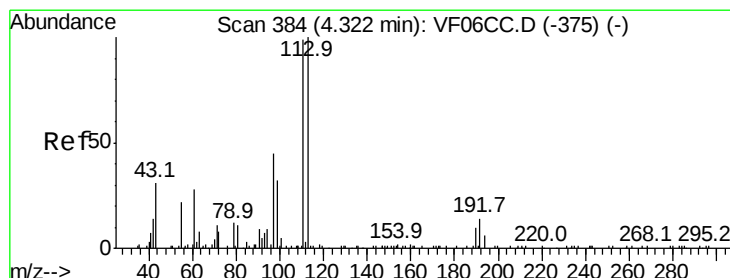
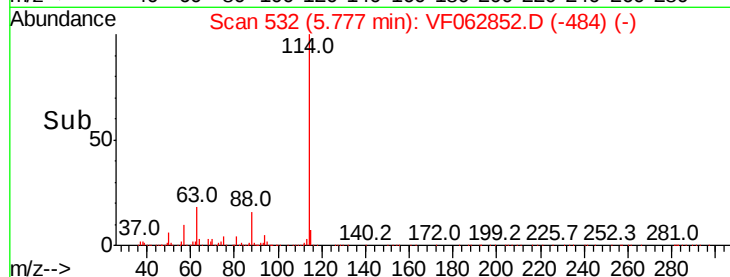
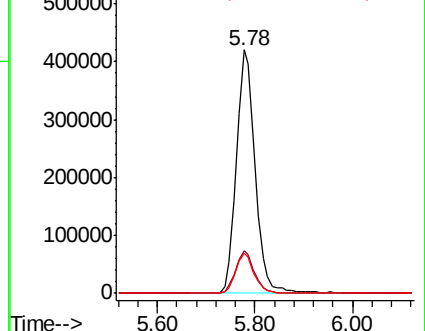
88 16.4 0.0 31.2



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: 37.200 ug/l

RT: 4.31 min Scan# 383

Delta R.T. -0.03 min

Lab File: VF062852.D

Acq: 4 Jun 2019 21:25

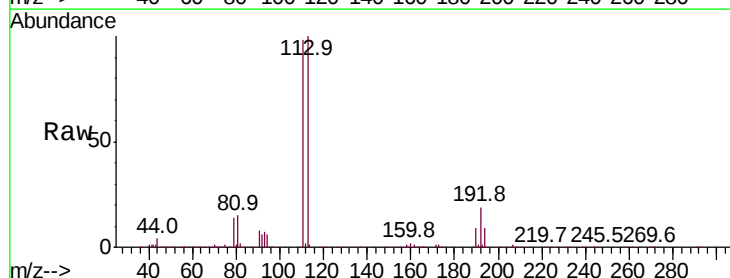
Tgt Ion:113 Resp: 318263

Ion Ratio Lower Upper

113 100

111 99.5 81.9 122.9

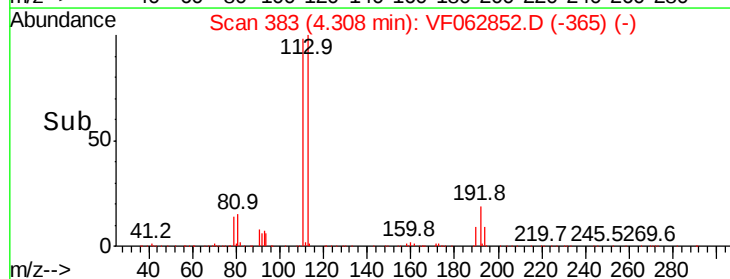
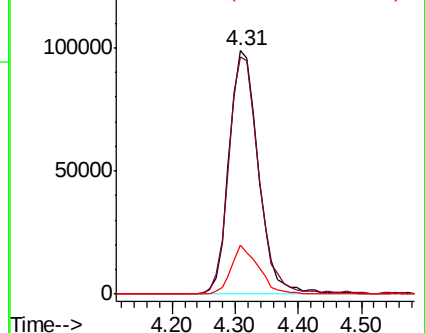
192 20.0 15.1 22.7

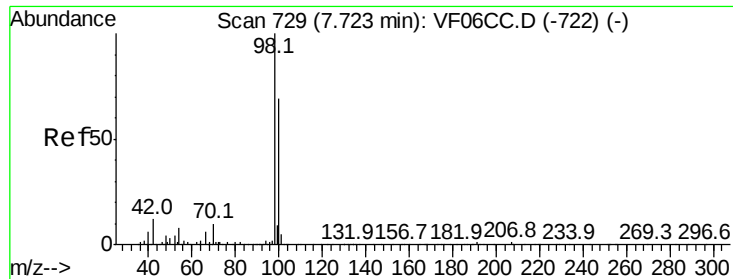


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 18.514 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.02 min

Lab File: VF062852.D

Acq: 4 Jun 2019 21:25

Instrument :

MSVOA_F

ClientSampleId :

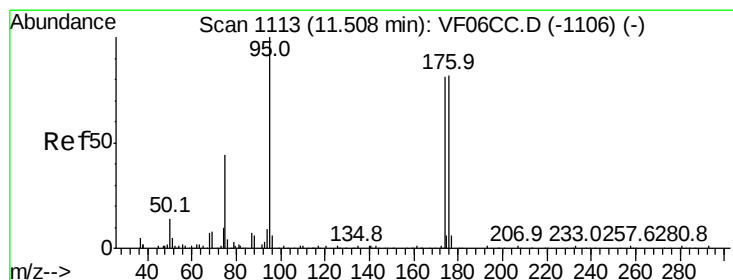
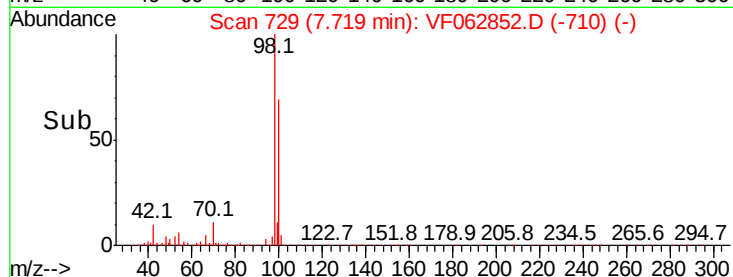
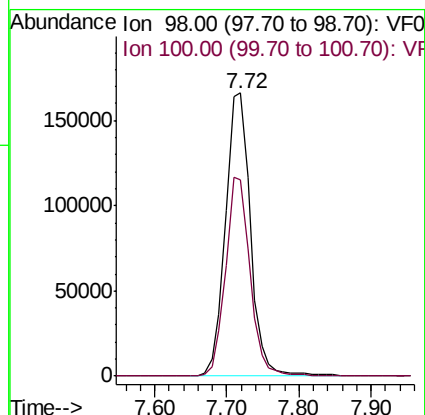
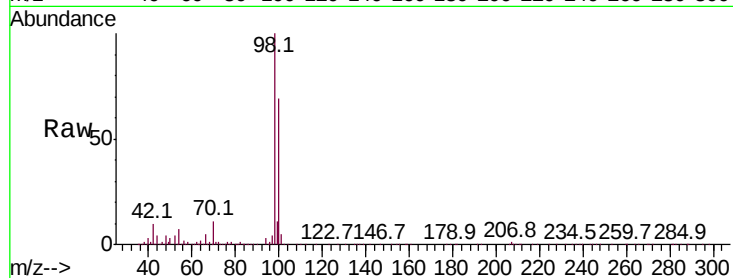
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Tot Ion: 98 Resp: 400556

Ion Ratio Lower Upper

98 100

100 69.3 59.8 89.8



#62

4-Bromofluorobenzene

Concen: 17.595 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062852.D

Acq: 4 Jun 2019 21:25

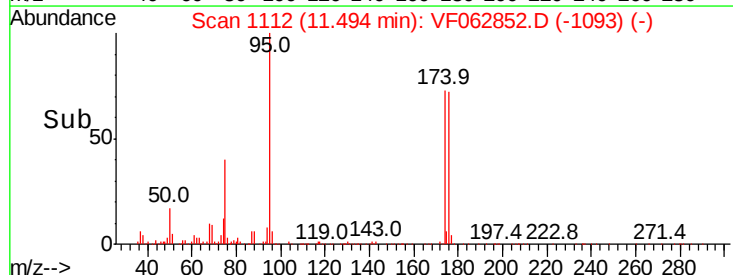
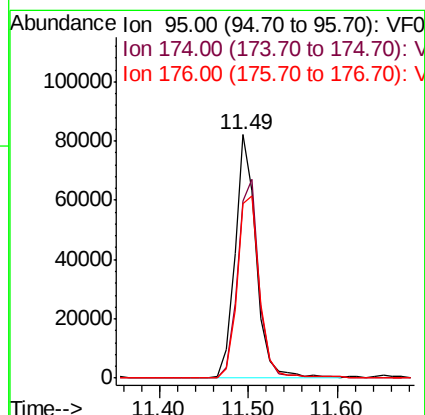
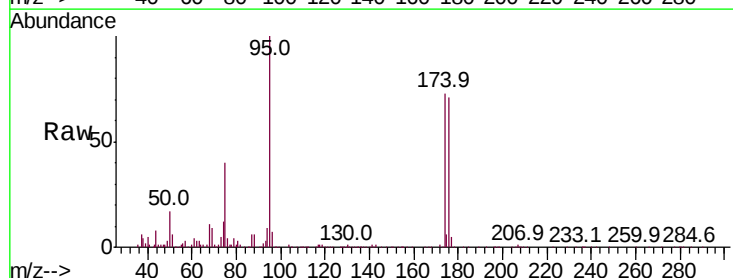
Tgt Ion: 95 Resp: 136929

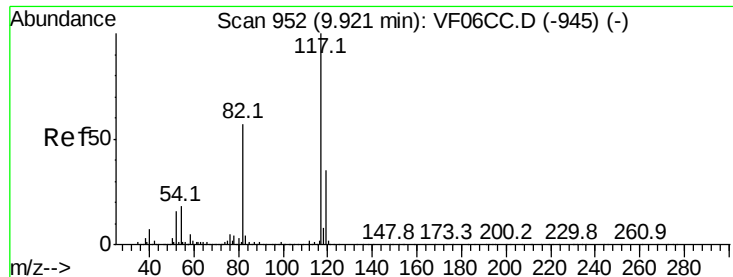
Ion Ratio Lower Upper

95 100

174 72.8 0.0 170.6

176 71.4 0.0 170.6

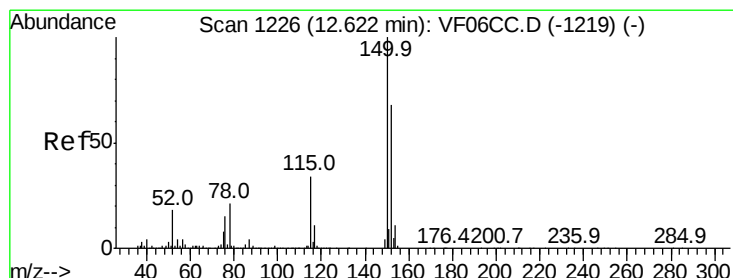
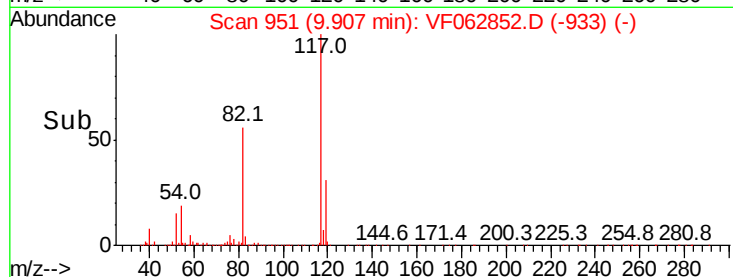
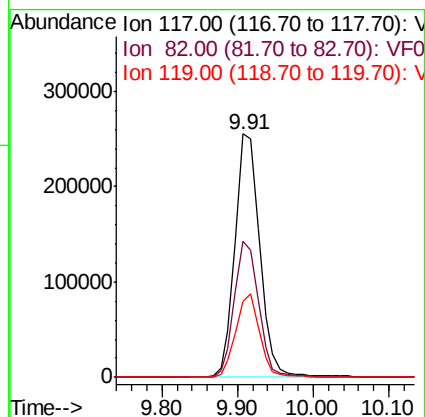
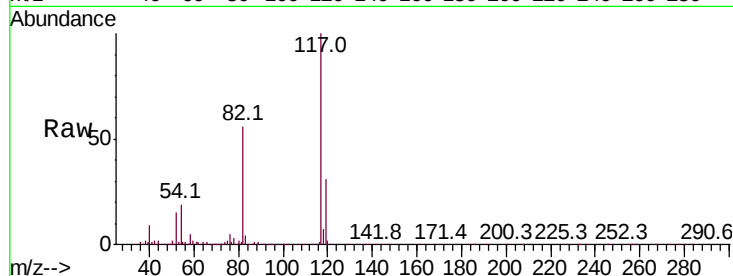




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.03 min
Lab File: VF062852.D
Acq: 4 Jun 2019 21:25

Instrument :
MSVOA_F
ClientSampleId :
AU-06-060419-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.4	63.6
119	30.9	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: VF062852.D
Acq: 4 Jun 2019 21:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	24.6	74.0
150	161.2	0.0	290.6

