

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062818\
 Data File : VF059369.D
 Acq On : 28 Jun 2018 19:15
 Operator : VA/AP
 Sample : J3715-07
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SS-CURB-CON

Quant Time: Jun 29 05:32:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	274196	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	428153	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	400514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	247218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	145255	41.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.00%	
35) Dibromofluoromethane	4.29	113	135286	43.24	ug/l	0.02
Spiked Amount 50.000			Recovery	=	86.48%	
50) Toluene-d8	7.71	98	309011	39.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.80%	
62) 4-Bromofluorobenzene	11.51	95	188495	43.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.28%	

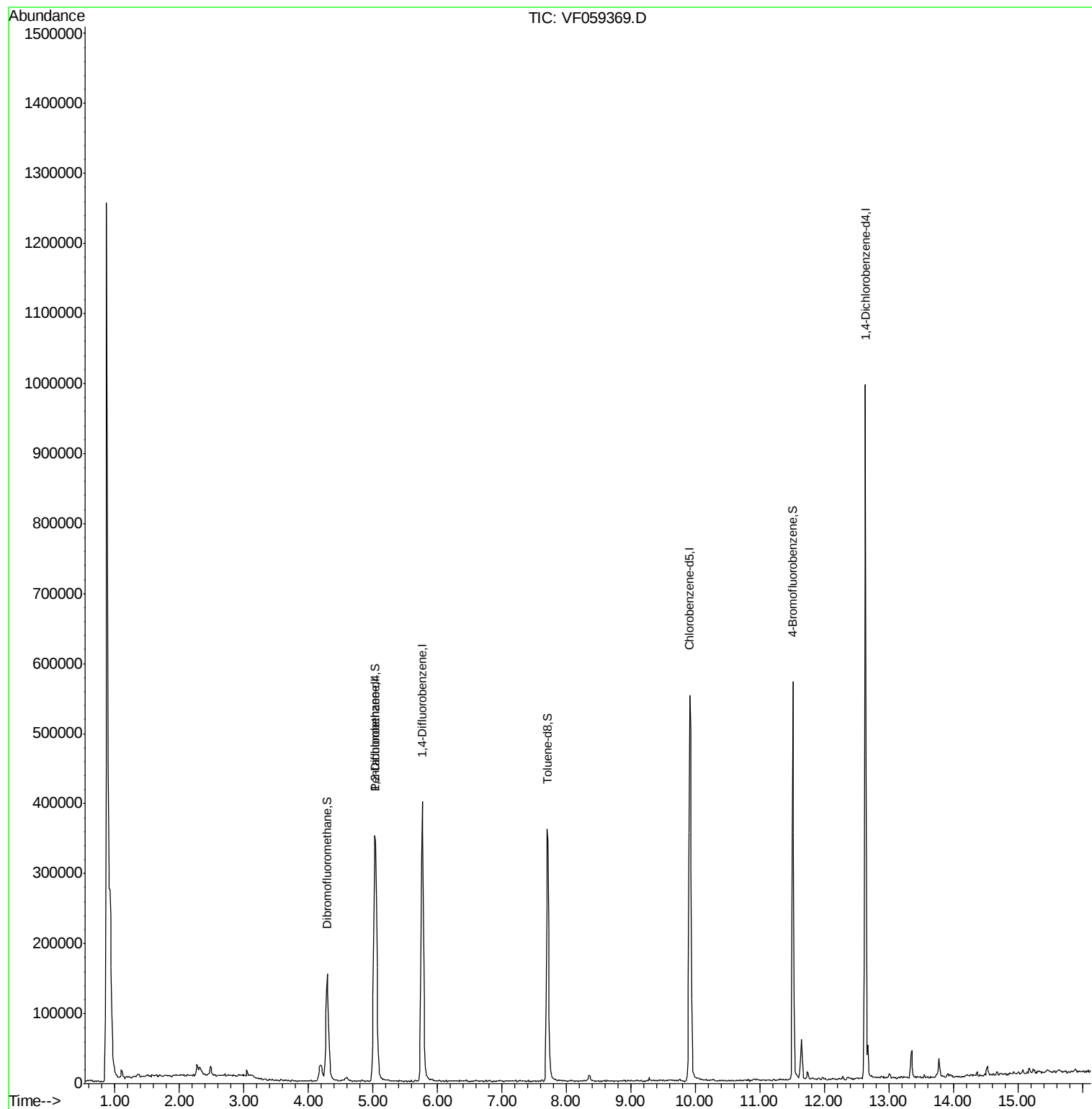
Target Compounds	Qvalue
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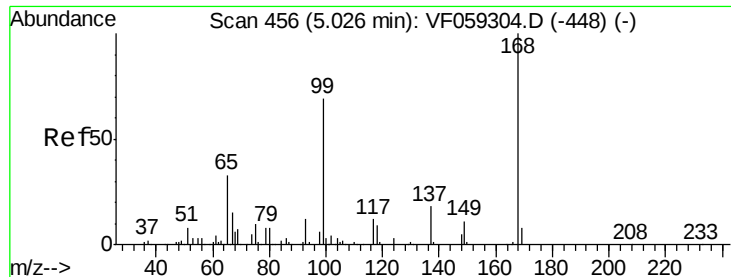
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF059369.D

Acq: 28 Jun 2018 19:15

Instrument :

MSVOA_F

ClientSampleId :

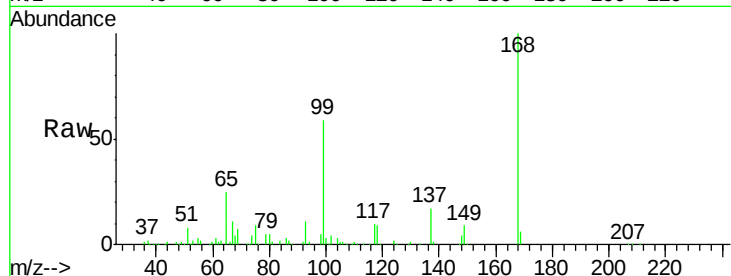
SS-CURB-CON

Tot Ion:168 Resp: 274196

Ion Ratio Lower Upper

168 100

99 58.7 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

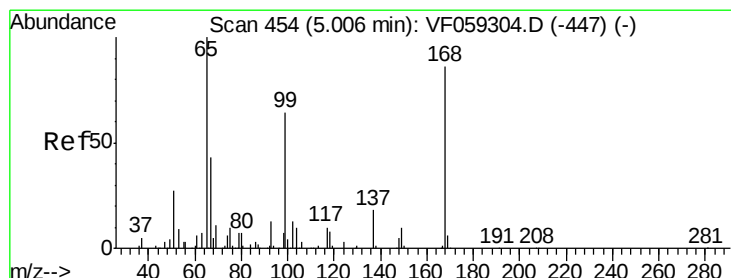
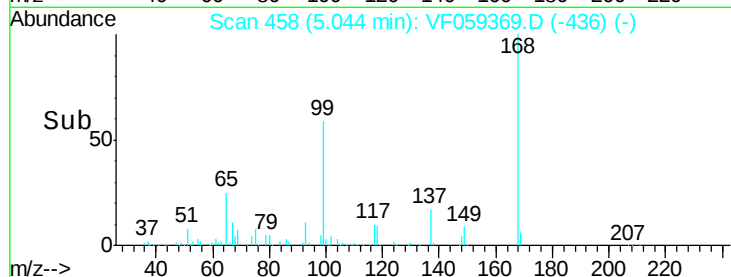
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 41.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF059369.D

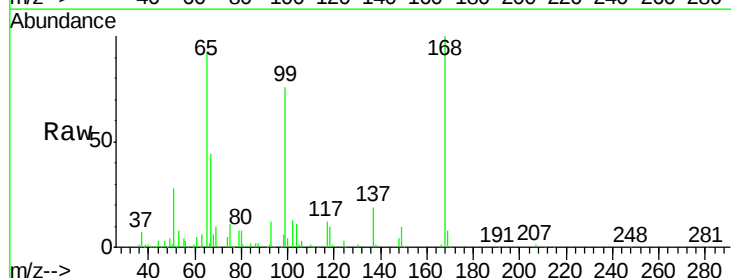
Acq: 28 Jun 2018 19:15

Tgt Ion: 65 Resp: 145255

Ion Ratio Lower Upper

65 100

67 48.1 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

50000

40000

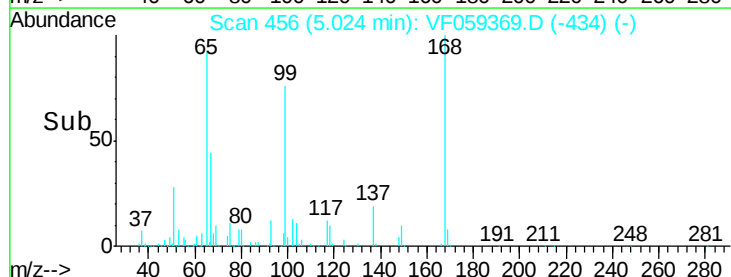
30000

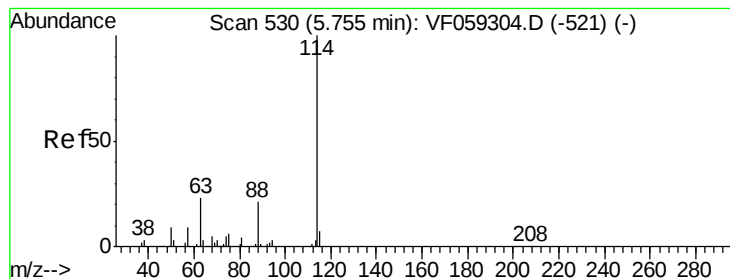
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059369.D

Acq: 28 Jun 2018 19:15

Instrument :

MSVOA_F

ClientSampleId :

SS-CURB-CON

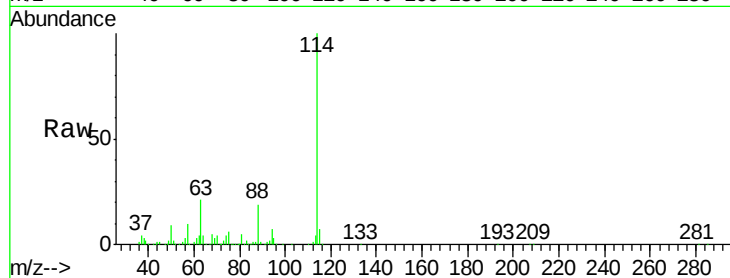
Tot Ion:114 Resp: 428153

Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.8

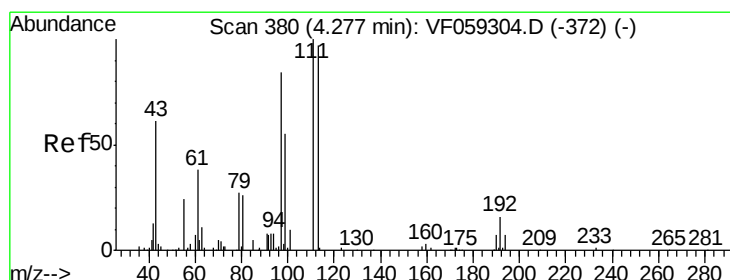
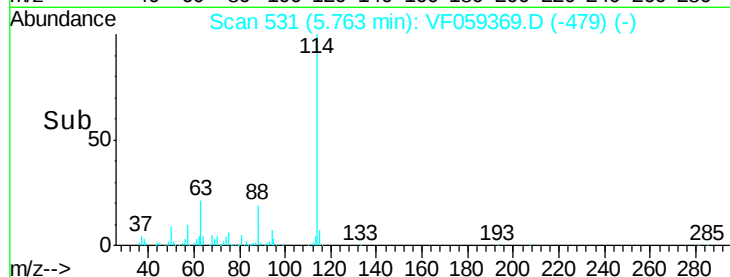
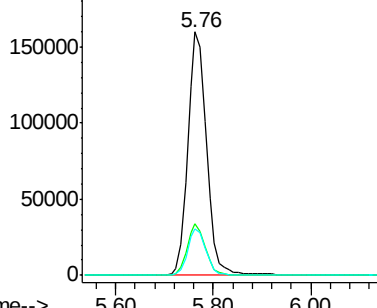
88 19.0 0.0 41.2



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: 43.24 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.02 min

Lab File: VF059369.D

Acq: 28 Jun 2018 19:15

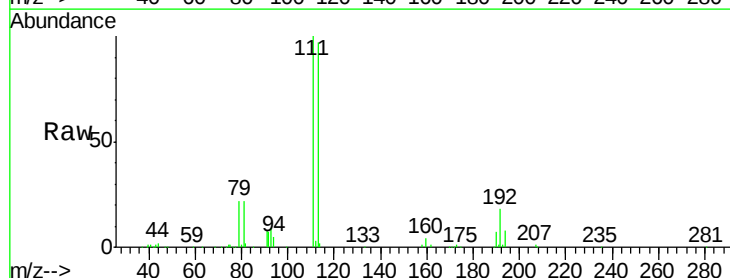
Tgt Ion:113 Resp: 135286

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

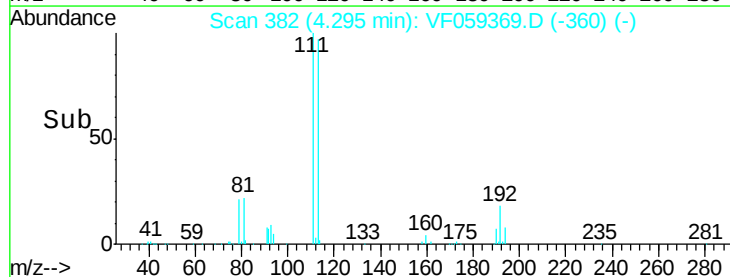
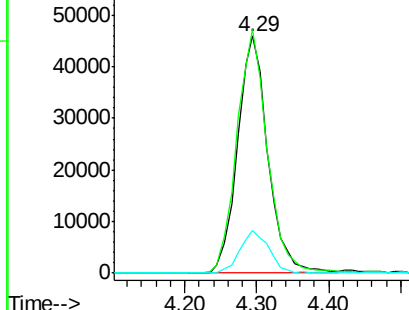
192 18.3 13.0 19.6

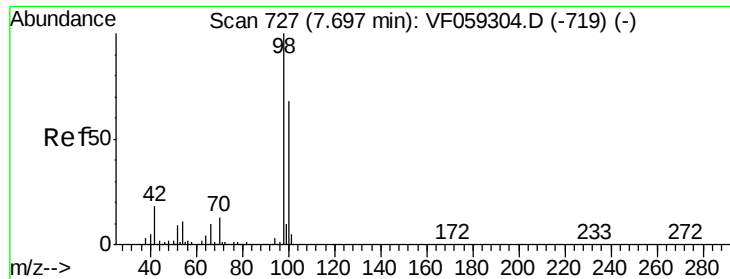


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 39.90 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF059369.D

Acq: 28 Jun 2018 19:15

Instrument :

MSVOA_F

ClientSampleId :

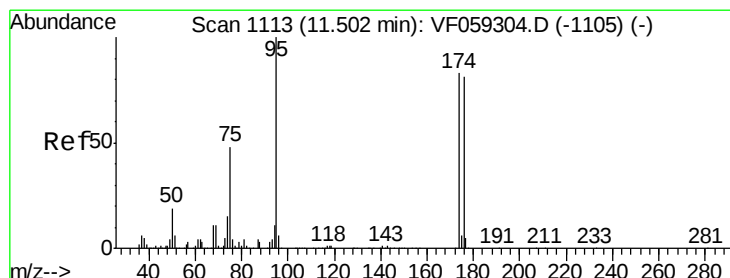
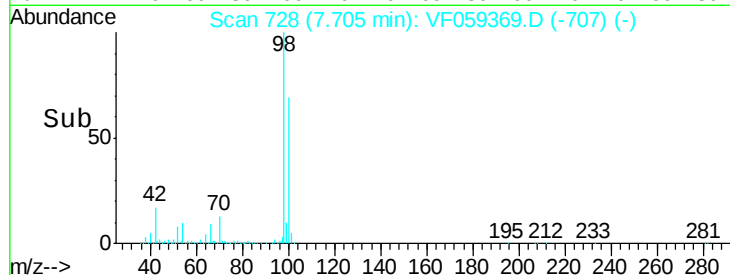
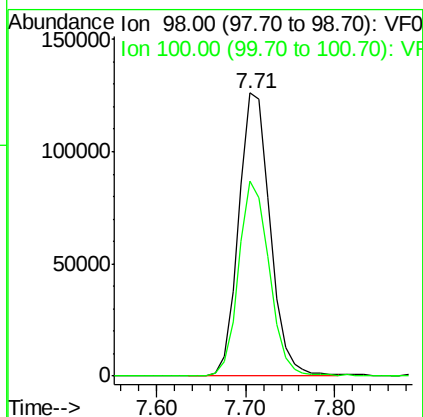
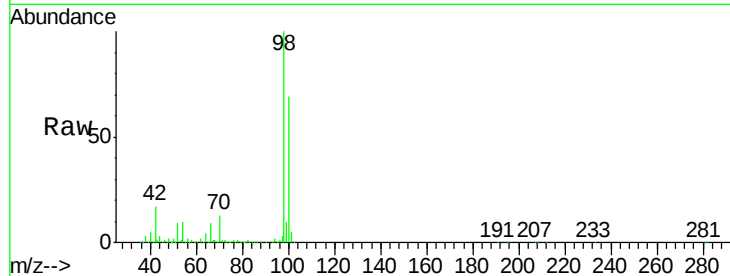
SS-CURB-CON

Tot Ion: 98 Resp: 309011

Ion Ratio Lower Upper

98 100

100 68.8 54.6 82.0



#62

4-Bromofluorobenzene

Concen: 43.14 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059369.D

Acq: 28 Jun 2018 19:15

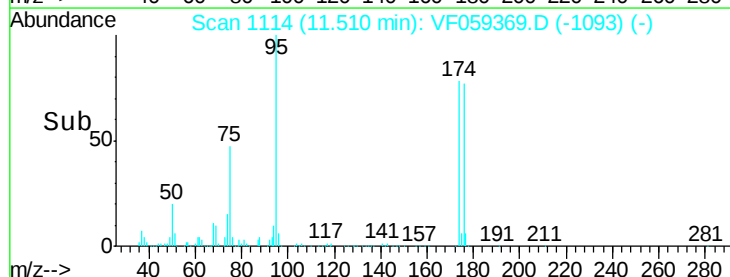
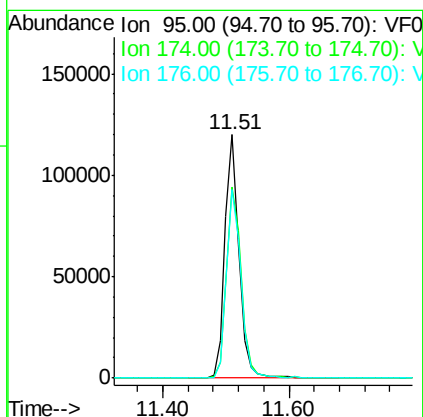
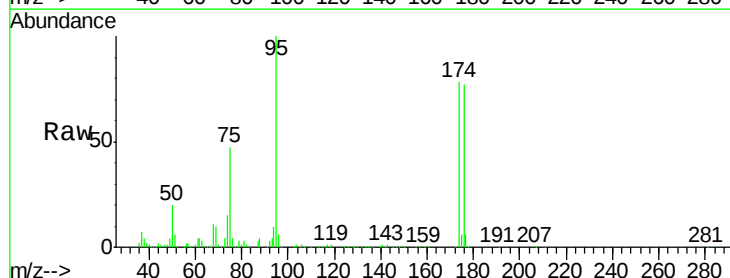
Tgt Ion: 95 Resp: 188495

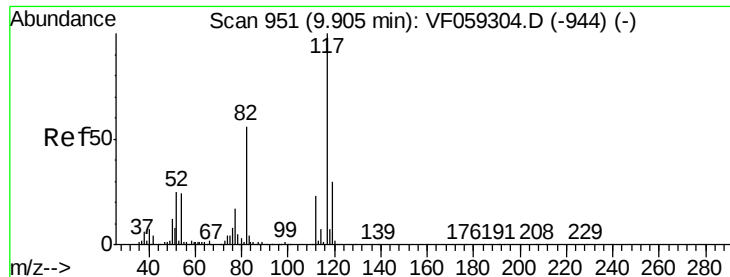
Ion Ratio Lower Upper

95 100

174 78.4 0.0 165.2

176 77.3 0.0 161.0

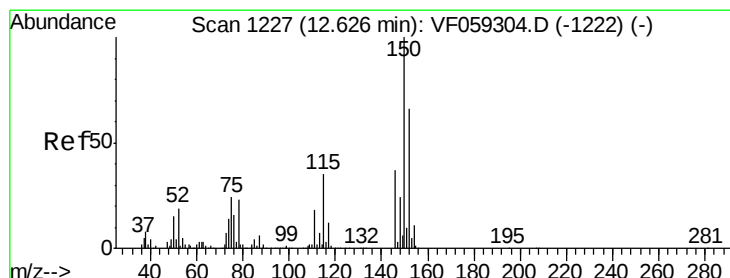
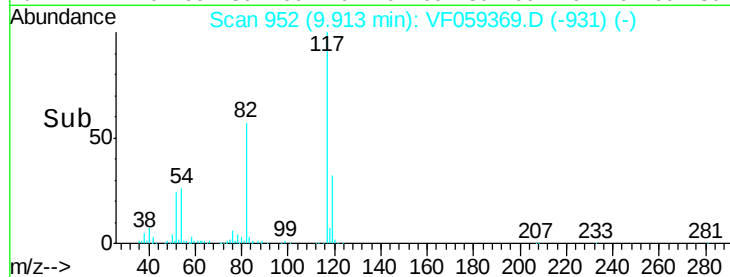
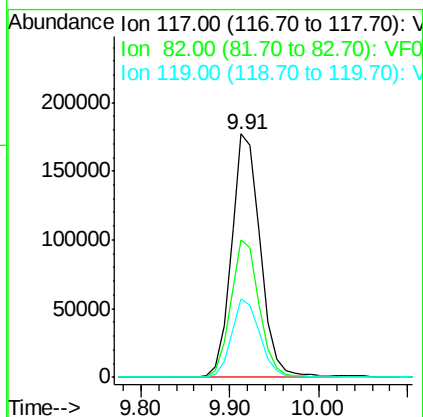
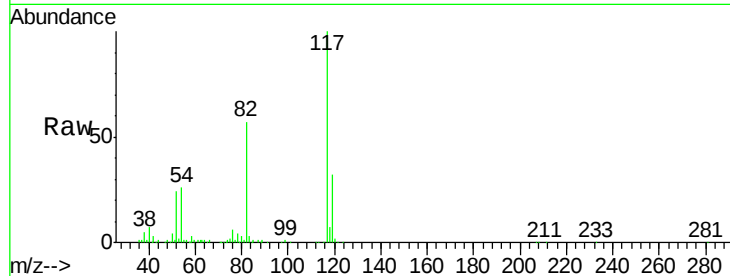




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059369.D
Acq: 28 Jun 2018 19:15

Instrument :
MSVOA_F
ClientSampleId :
SS-CURB-CON

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	66.8
119	32.1	24.1	36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059369.D
Acq: 28 Jun 2018 19:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.1	81.3
150	151.0	0.0	305.2

