

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080618\
 Data File : VF059899.D
 Acq On : 7 Aug 2018 2:07
 Operator : VA/AP
 Sample : J4277-01
 Misc : 6.97g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-080318-A

Quant Time: Aug 07 04:36:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	172191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	229983	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	194098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	108152	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	141018	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
35) Dibromofluoromethane	4.30	113	107606	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	7.71	98	151249	31.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.14%	
62) 4-Bromofluorobenzene	11.51	95	85866	31.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.78%	

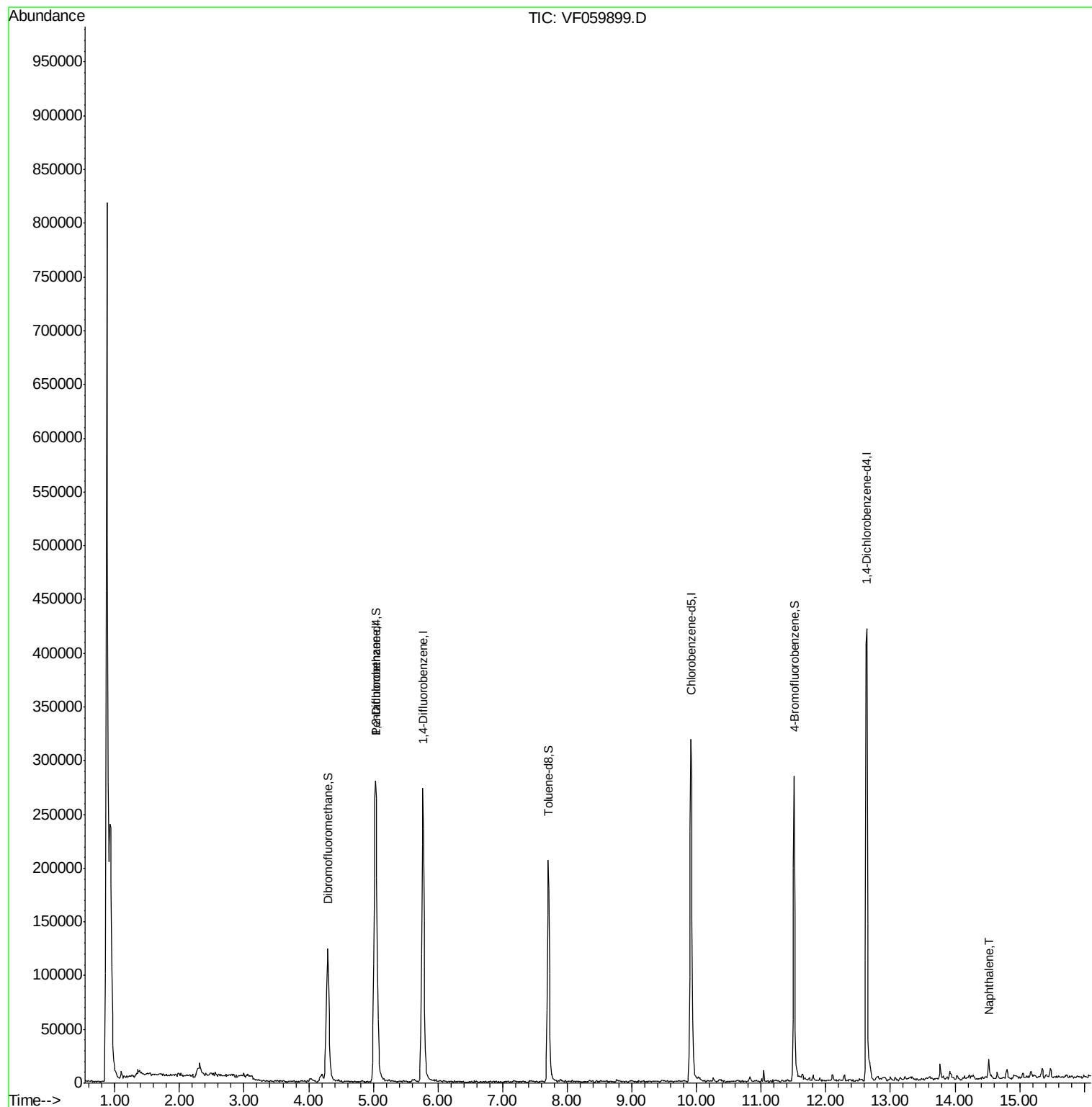
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.53	128	10806	2.46	ug/l	97

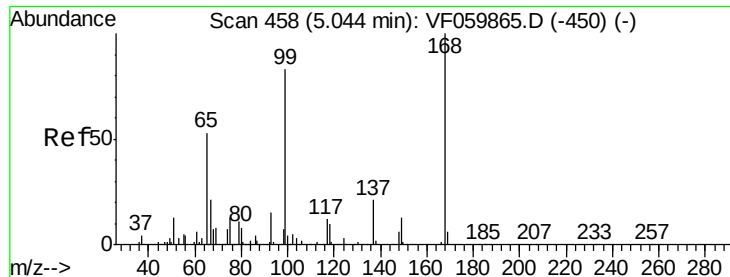
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059899.D

Acq: 7 Aug 2018 2:07

Instrument :

MSVOA_F

ClientSampleId :

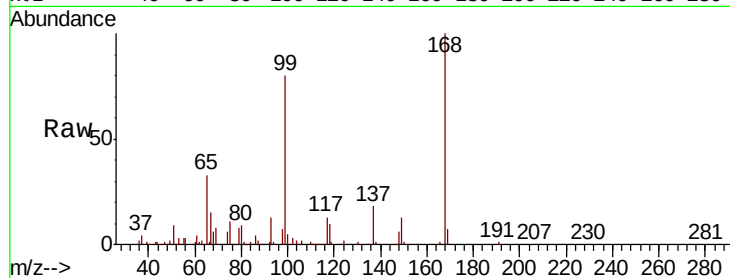
OR-02-080318-A

Tot Ion:168 Resp: 172191

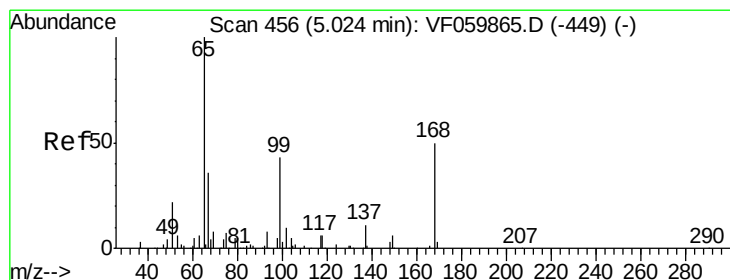
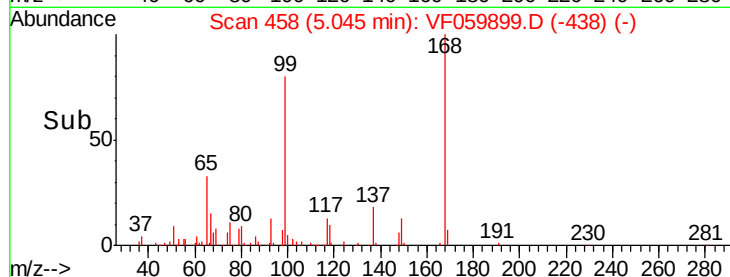
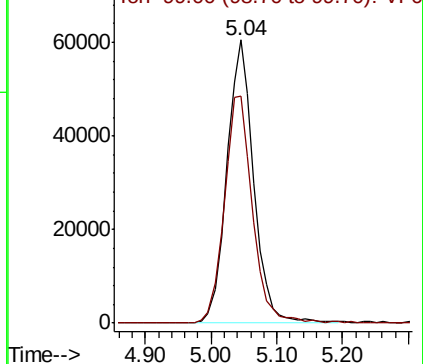
Ion Ratio Lower Upper

168 100

99 80.4 66.3 99.5



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 45.43 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059899.D

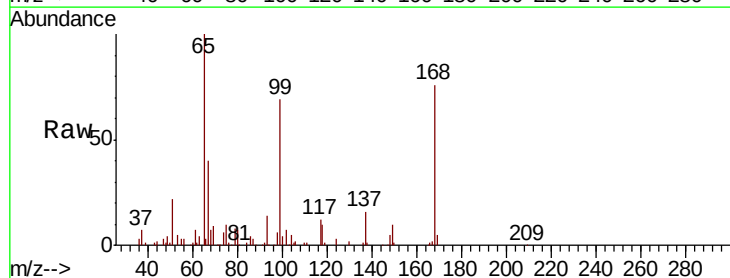
Acq: 7 Aug 2018 2:07

Tgt Ion: 65 Resp: 141018

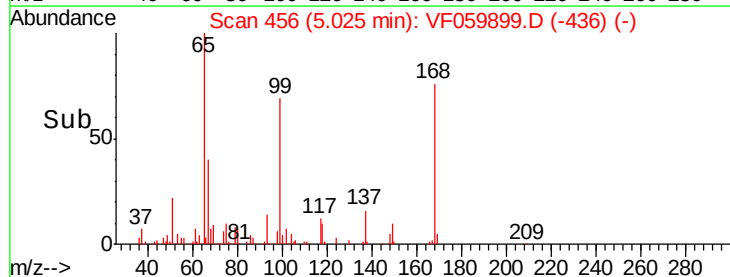
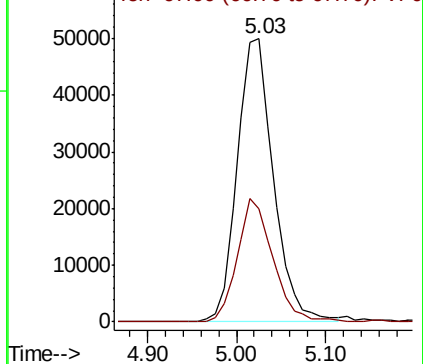
Ion Ratio Lower Upper

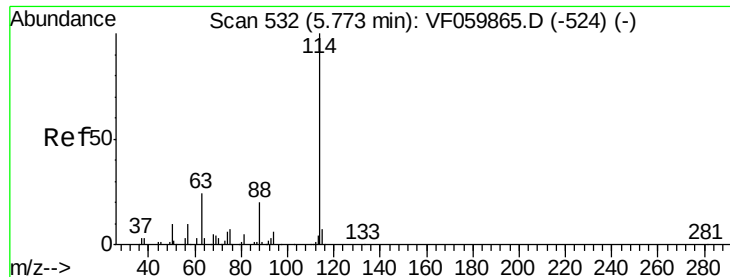
65 100

67 39.9 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

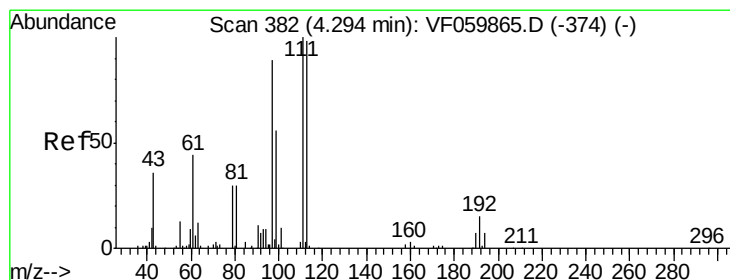
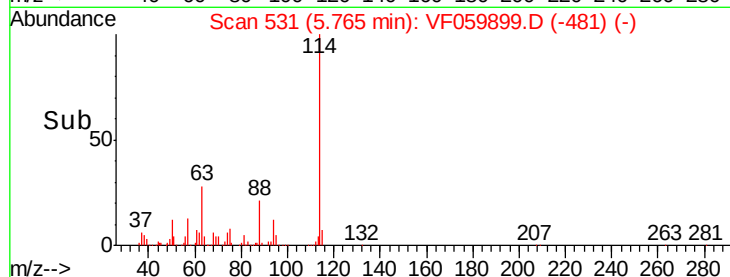
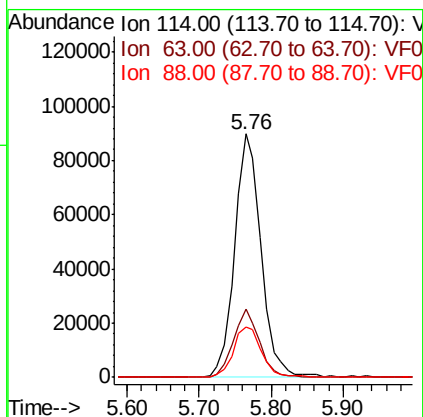
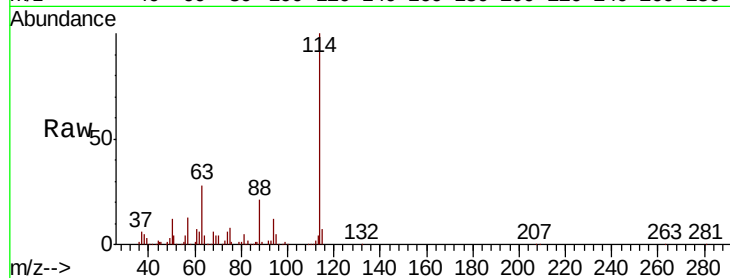




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.01 min
Lab File: VF059899.D
Acq: 7 Aug 2018 2:07

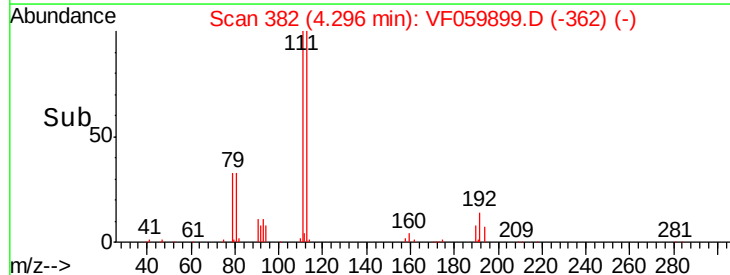
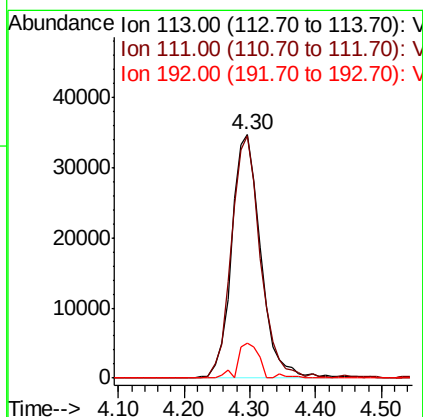
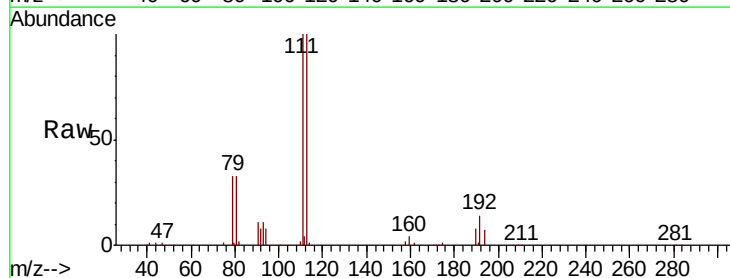
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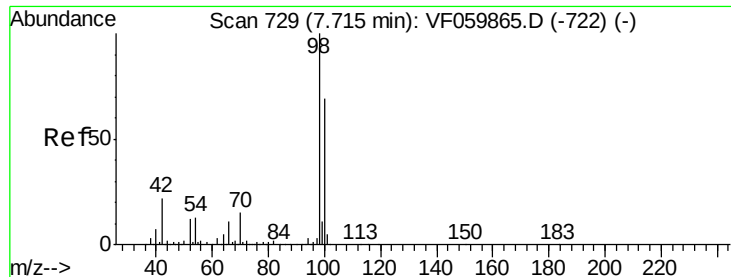
Tot Ion:114 Resp: 229983
Ion Ratio Lower Upper
114 100
63 28.1 0.0 48.0
88 20.8 0.0 39.4



#35
Dibromofluoromethane
Concen: 47.03 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.00 min
Lab File: VF059899.D
Acq: 7 Aug 2018 2:07

Tgt Ion:113 Resp: 107606
Ion Ratio Lower Upper
113 100
111 98.7 81.8 122.8
192 14.2 12.4 18.6

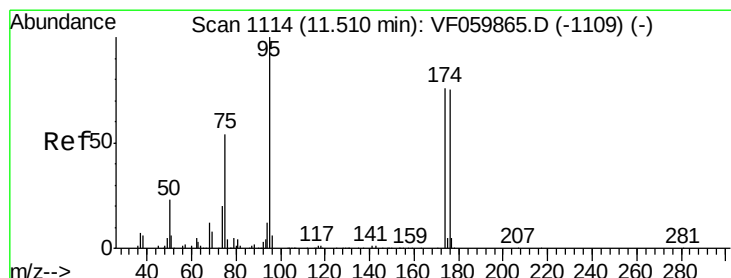
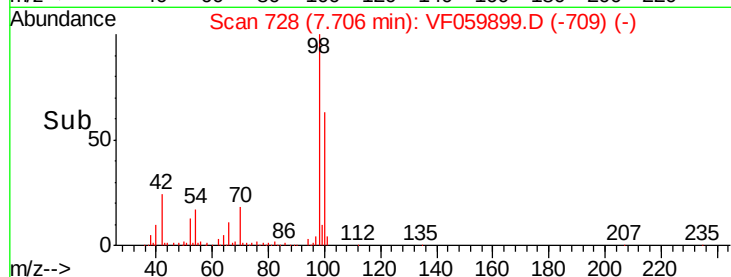
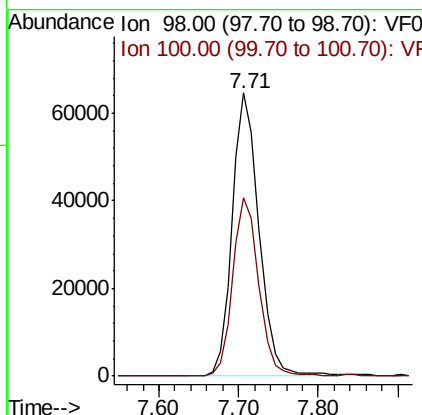
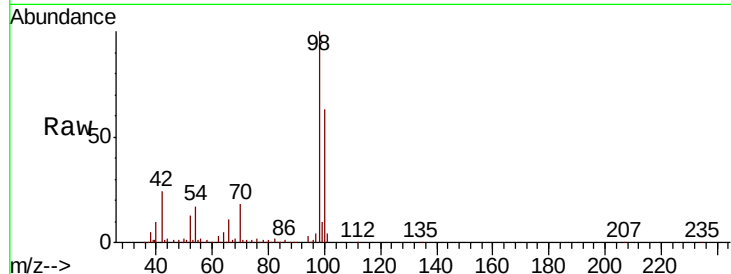




#50
Toluene-d8
Concen: 31.07 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.01 min
Lab File: VF059899.D
Acq: 7 Aug 2018 2:07

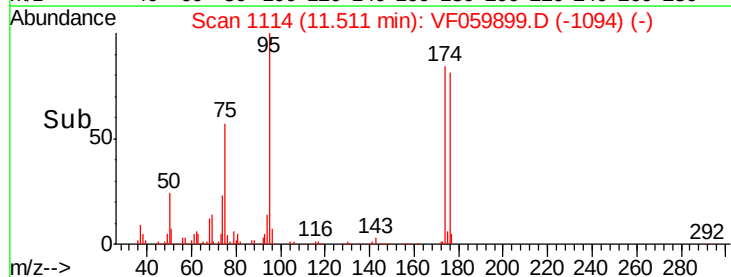
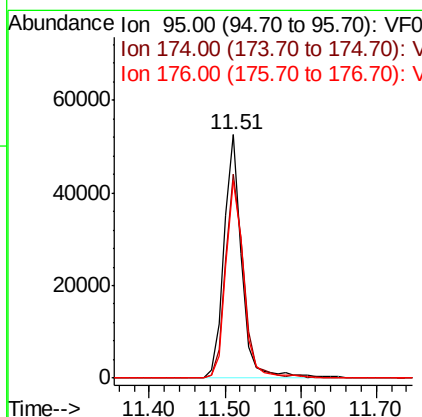
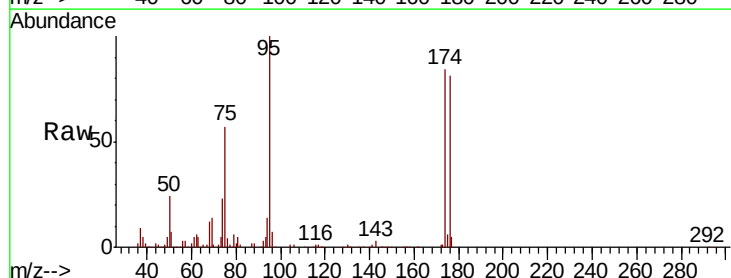
Instrument :
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ClientSampleId :
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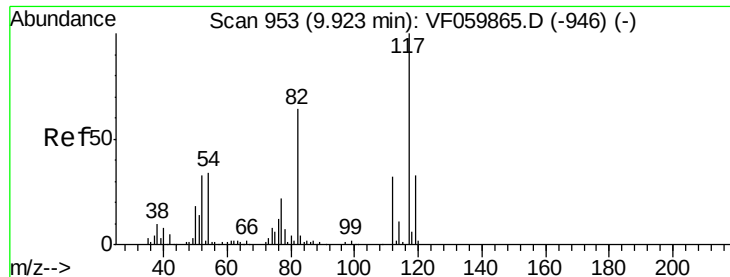
Tot Ion: 98 Resp: 151249
Ion Ratio Lower Upper
98 100
100 63.1 55.0 82.6



#62
4-Bromofluorobenzene
Concen: 31.39 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059899.D
Acq: 7 Aug 2018 2:07

Tgt Ion: 95 Resp: 85866
Ion Ratio Lower Upper
95 100
174 83.7 0.0 151.6
176 81.0 0.0 149.8

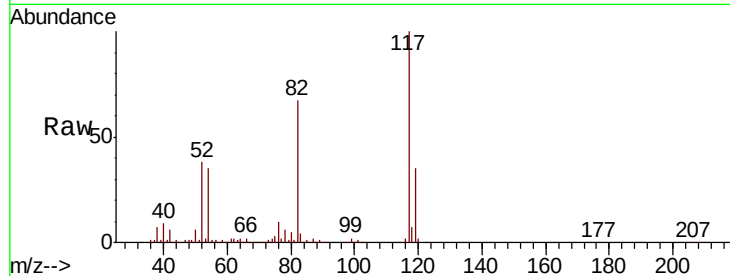




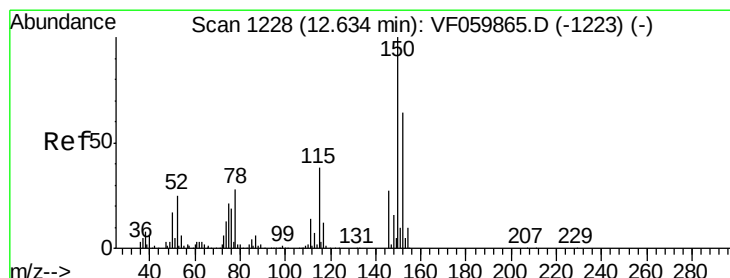
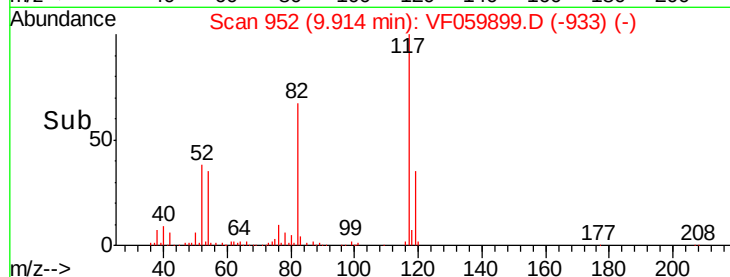
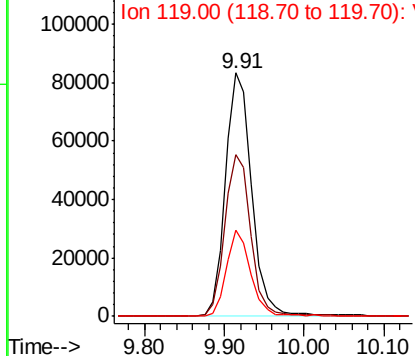
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF059899.D
Acq: 7 Aug 2018 2:07

Instrument :
MSVOA_F
ClientSampleId :
OR-02-080318-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	66.5	51.3	76.9
119	35.2	26.4	39.6

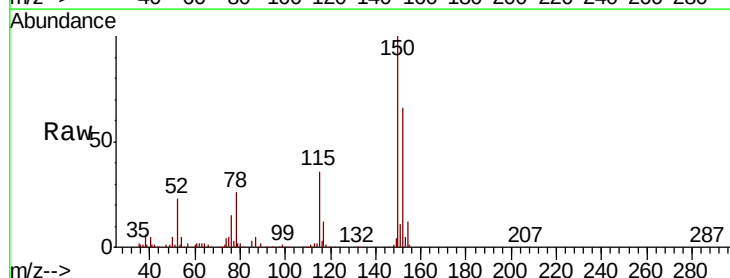


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

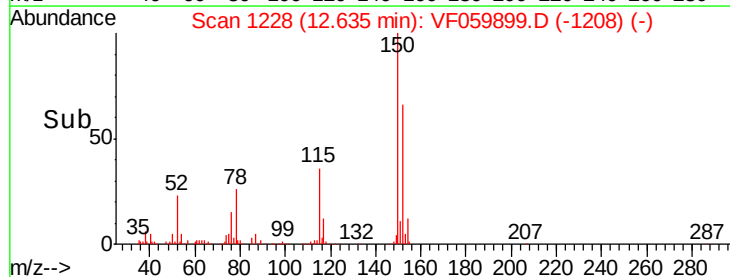
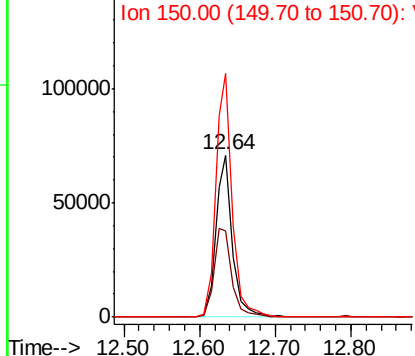


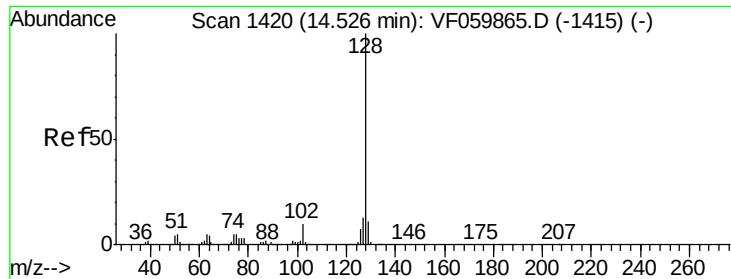
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059899.D
Acq: 7 Aug 2018 2:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	29.8	89.4
150	150.6	0.0	315.6



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#95

Naphthalene

Concen: 2.46 ug/l

RT: 14.53 min Scan# 1420

Delta R.T. 0.00 min

Lab File: VF059899.D

Acq: 7 Aug 2018 2:07

Instrument :

MSVOA_F

ClientSampleId :

OR-02-080318-A

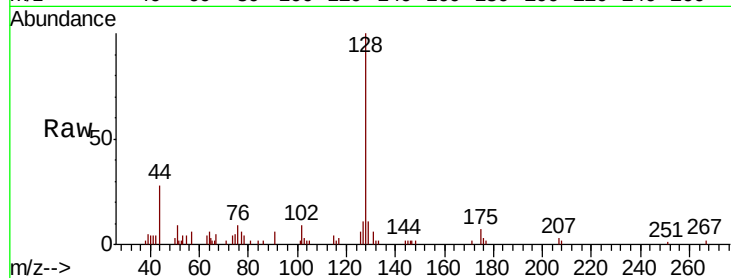
Tot Ion:128 Resp: 10806

Ion Ratio Lower Upper

128 100

127 11.3 10.4 15.6

129 11.0 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

