

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059809.D
 Acq On : 2 Aug 2018 19:12
 Operator : VA/AP
 Sample : J3826-05
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-03-073118

Quant Time: Aug 03 07:36:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	211180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	298920	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	263753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	133030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	178926	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
35) Dibromofluoromethane	4.28	113	142078	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	
50) Toluene-d8	7.70	98	242269	33.46	ug/l	0.00
Spiked Amount			Recovery	=	66.92%	
62) 4-Bromofluorobenzene	11.50	95	119629	29.85	ug/l	0.00
Spiked Amount			Recovery	=	59.70%	

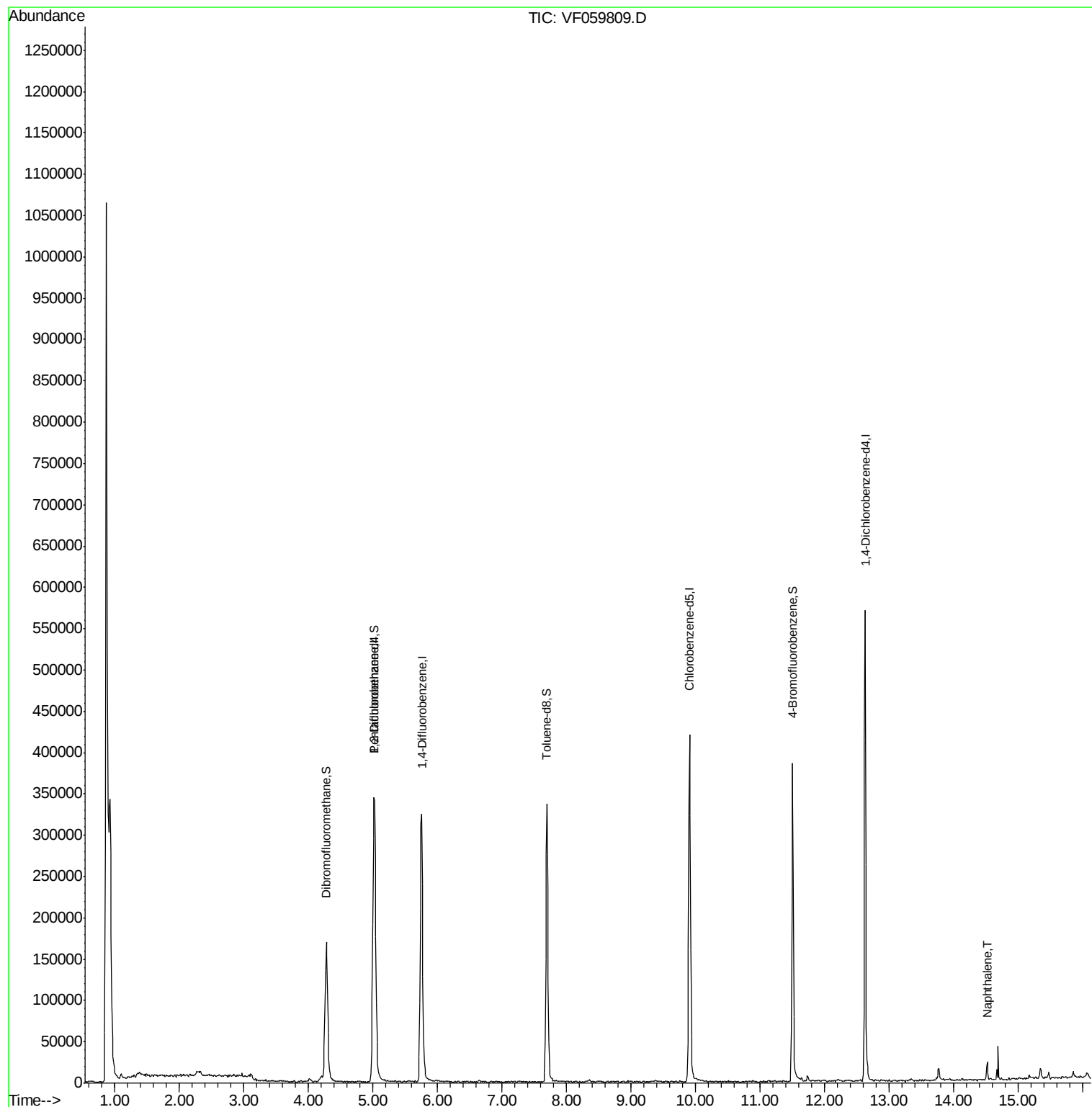
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.52	128	13306	2.32	ug/l	# 92

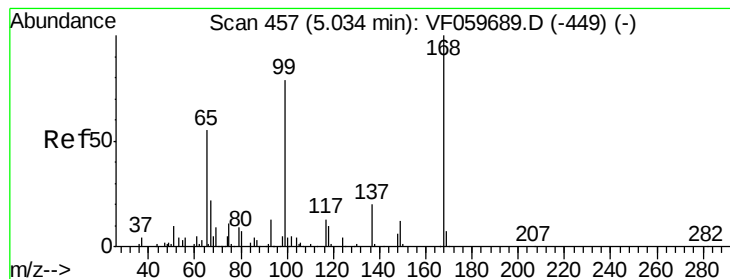
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.01 min

Lab File: VF059809.D

Acq: 2 Aug 2018 19:12

Instrument :

MSVOA_F

ClientSampleId :

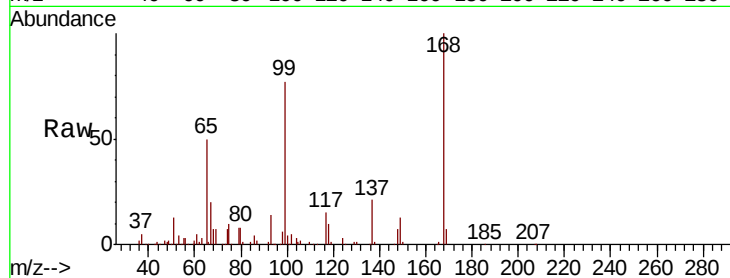
OK-03-073118

Tot Ion:168 Resp: 211180

Ion Ratio Lower Upper

168 100

99 76.8 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

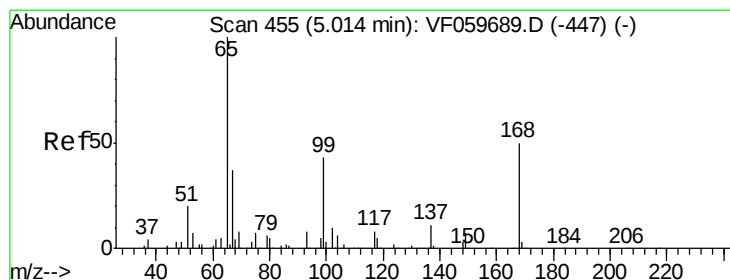
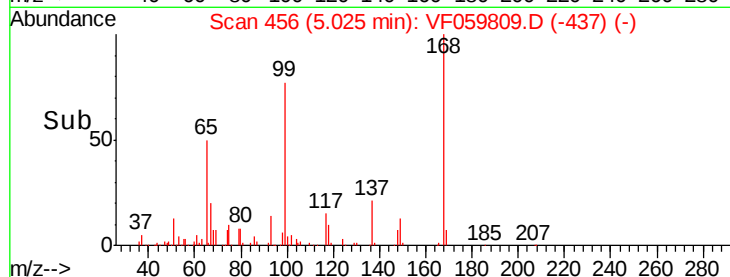
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.14 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059809.D

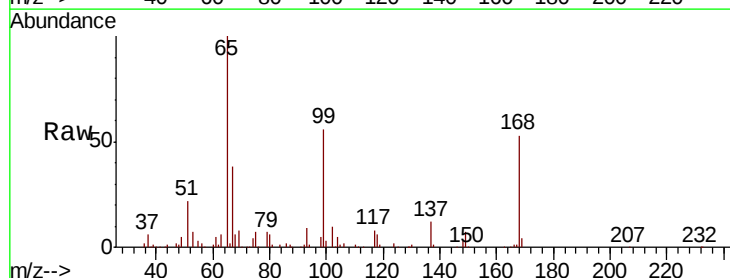
Acq: 2 Aug 2018 19:12

Tgt Ion: 65 Resp: 178926

Ion Ratio Lower Upper

65 100

67 38.4 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

60000

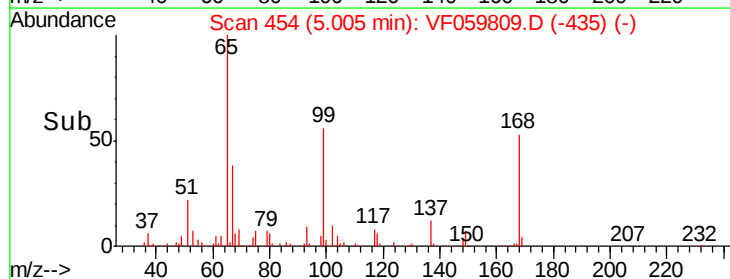
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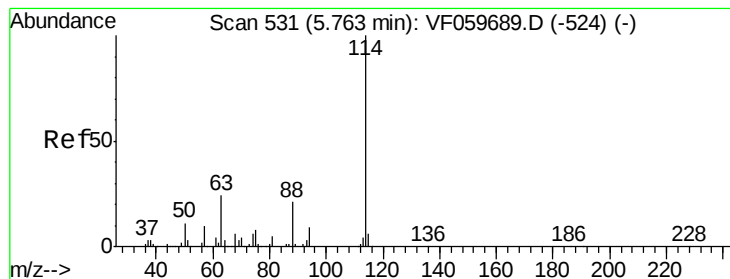
20000

0

4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059809.D

Acq: 2 Aug 2018 19:12

Instrument :

MSVOA_F

ClientSampleId :

OK-03-073118

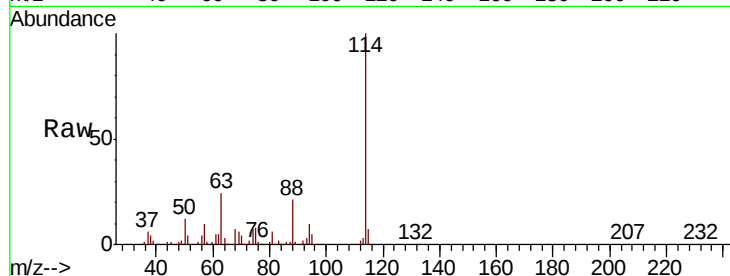
Tot Ion:114 Resp: 298920

Ion Ratio Lower Upper

114 100

63 24.4 0.0 47.4

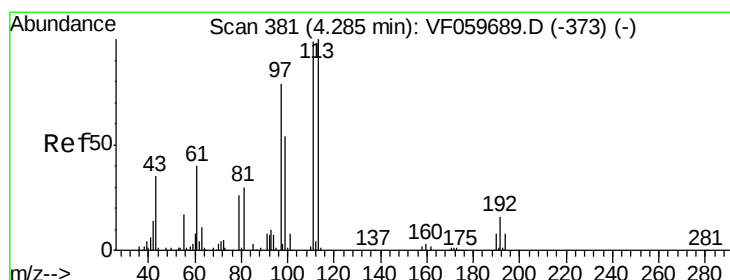
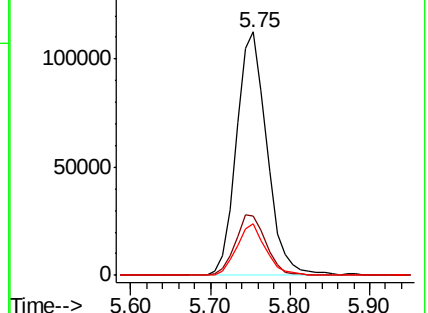
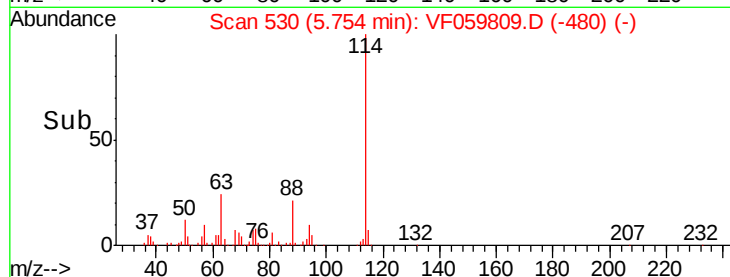
88 21.4 0.0 41.2



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: 45.76 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.01 min

Lab File: VF059809.D

Acq: 2 Aug 2018 19:12

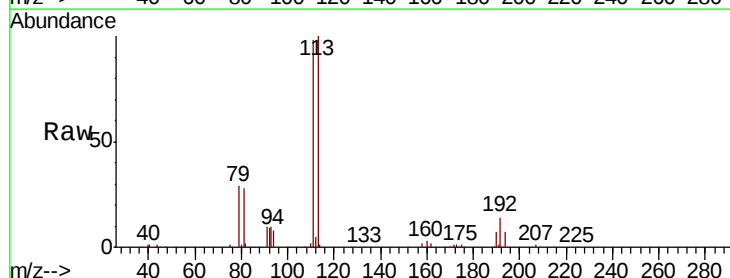
Tgt Ion:113 Resp: 142078

Ion Ratio Lower Upper

113 100

111 96.8 79.0 118.4

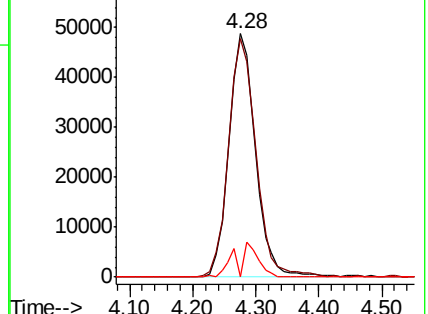
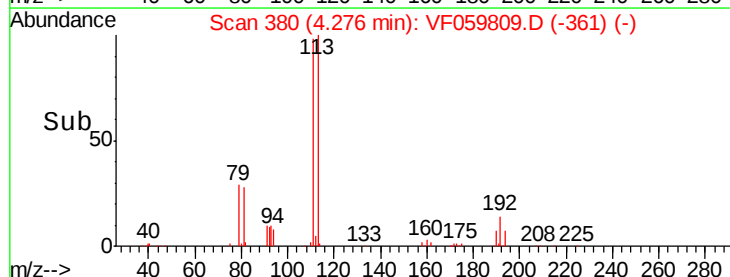
192 0.4 13.2 19.8#

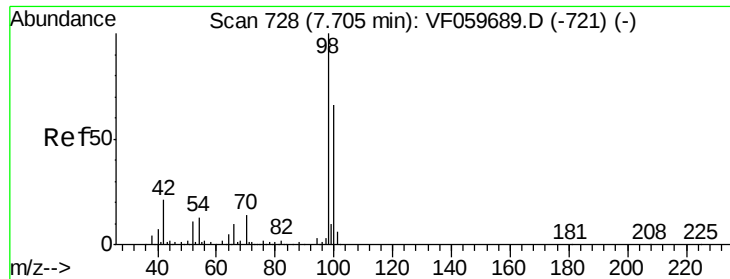


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

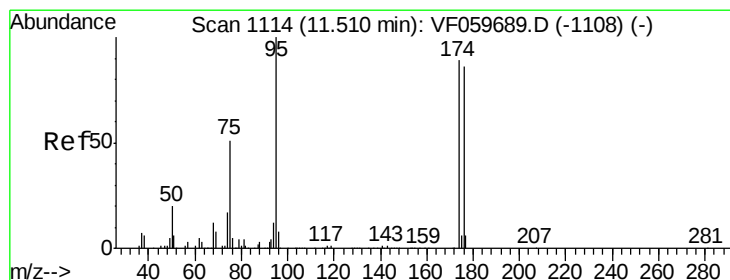
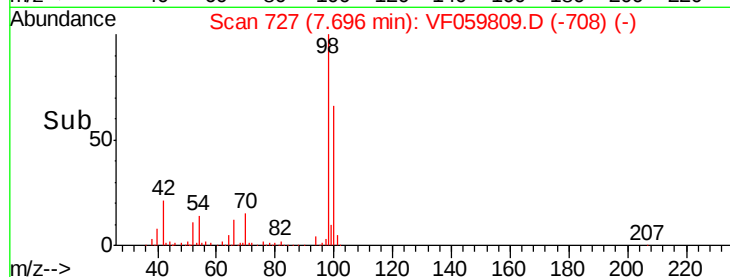
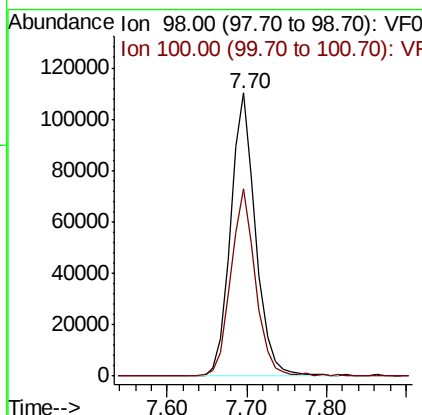
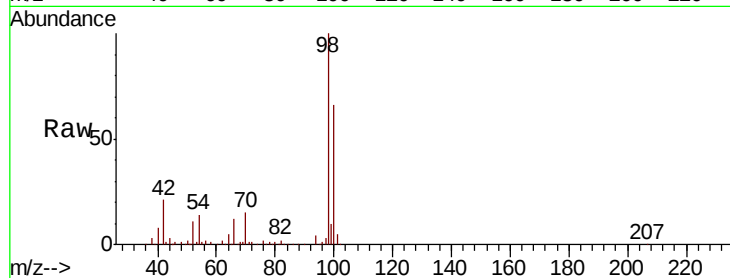




#50
Toluene-d8
Concen: 33.46 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059809.D
Acq: 2 Aug 2018 19:12

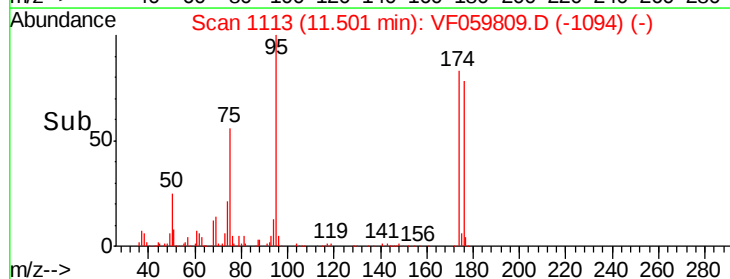
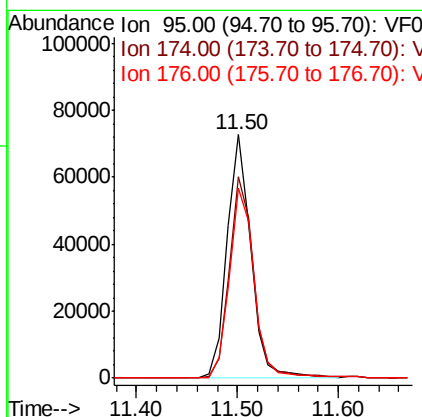
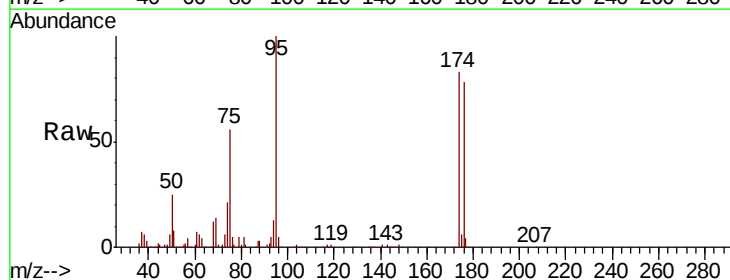
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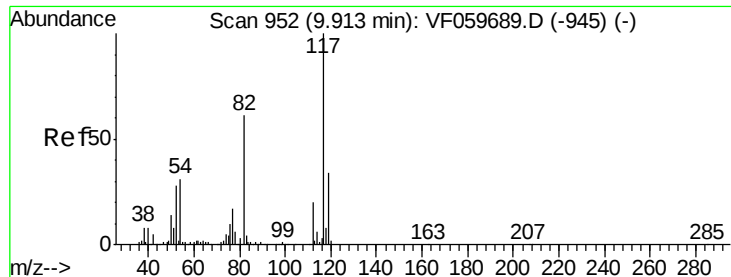
Tot Ion: 98 Resp: 242269
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 29.85 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059809.D
Acq: 2 Aug 2018 19:12

Tgt Ion: 95 Resp: 119629
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.4
176 77.9 0.0 173.0

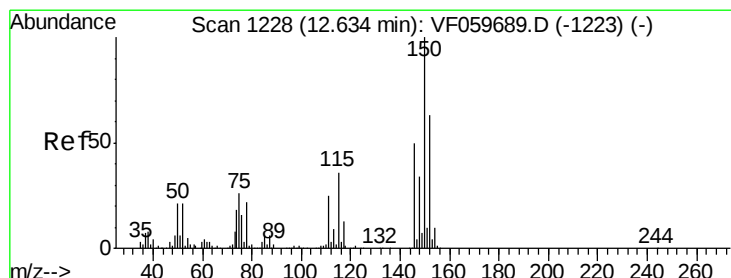
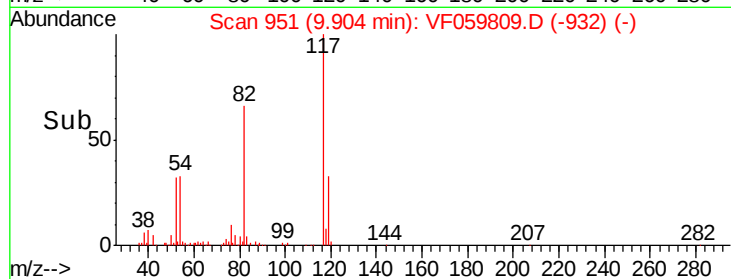
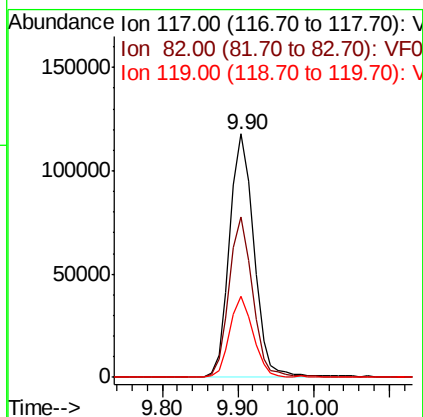
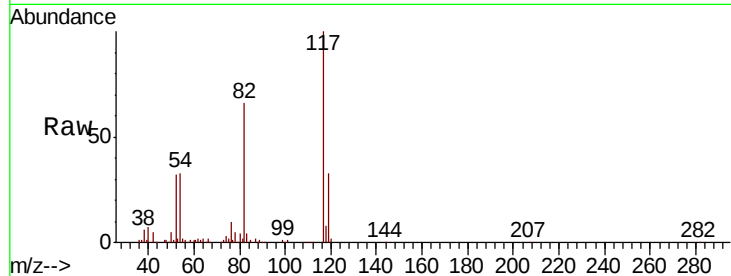




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059809.D
Acq: 2 Aug 2018 19:12

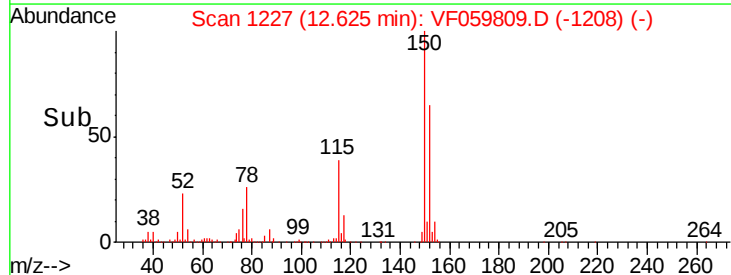
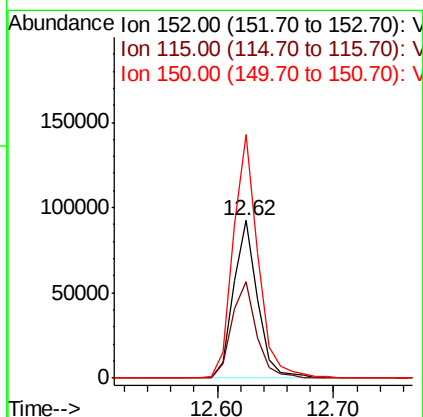
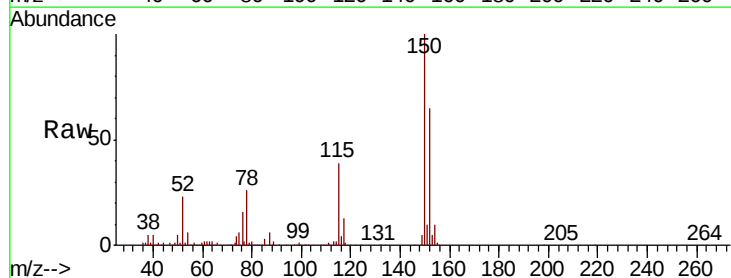
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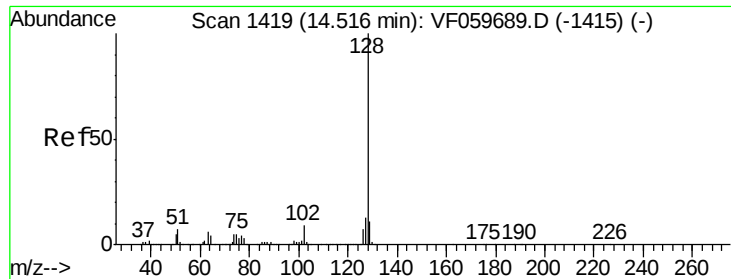
Tot Ion	Ratio	Lower	Upper
117	100		
82	66.1	49.0	73.4
119	33.2	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059809.D
Acq: 2 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.2	84.6
150	154.4	0.0	316.2





#95

Naphthalene

Concen: 2.32 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.00 min

Lab File: VF059809.D

Acq: 2 Aug 2018 19:12

Instrument :

MSVOA_F

ClientSampleId :

OK-03-073118

Tot Ion:128 Resp: 13306

Ion Ratio Lower Upper

128 100

127 14.1 10.0 15.0

129 15.1 8.6 13.0#

