

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059771.D
 Acq On : 1 Aug 2018 22:29
 Operator : VA/AP
 Sample : J4257-02
 Misc : 8.44g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FK-BPM-03-001-A

Quant Time: Aug 02 07:17:11 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	5.04	168	299043	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	449727	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	421860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	250509	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	209769	39.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.06%	
35) Dibromofluoromethane	4.29	113	179257	38.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.76%	
50) Toluene-d8	7.71	98	383626	35.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.44%	
62) 4-Bromofluorobenzene	11.51	95	199877	33.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.30%	

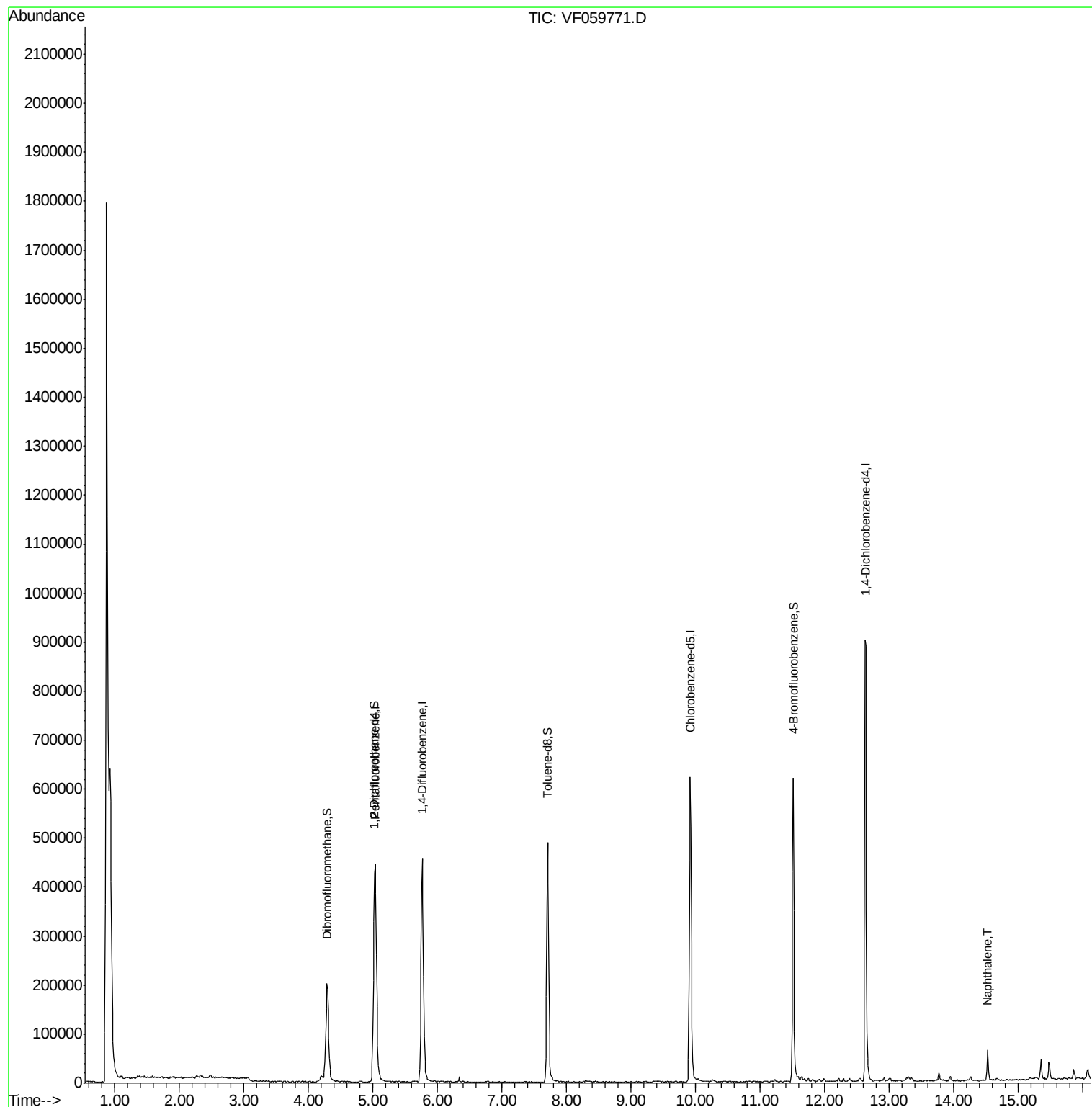
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.52	128	44484	4.12	ug/l	# 95

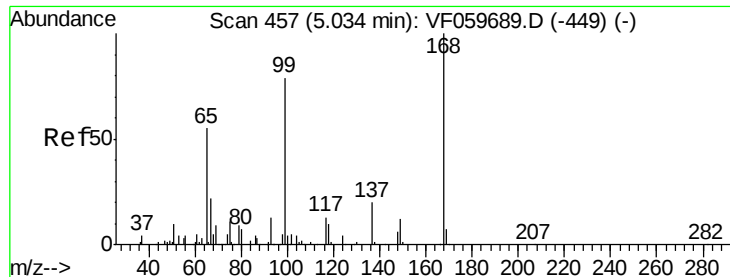
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059771.D

Acq: 1 Aug 2018 22:29

Instrument :

MSVOA_F

ClientSampleId :

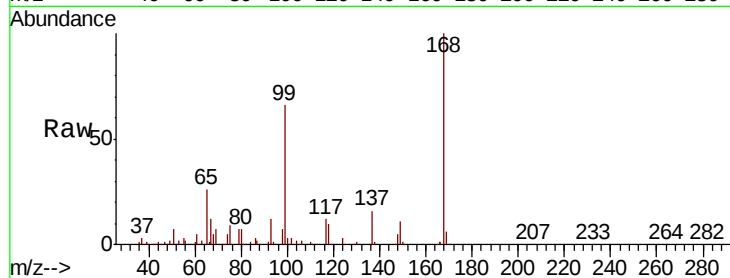
FK-BPM-03-001-A

Tot Ion:168 Resp: 299043

Ion Ratio Lower Upper

168 100

99 66.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.04

100000

80000

60000

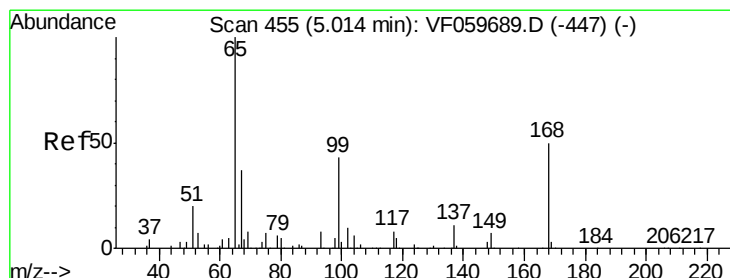
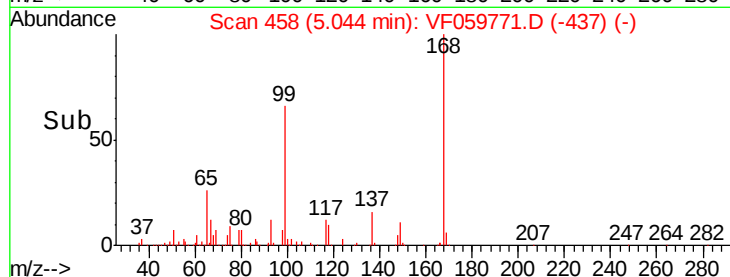
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 39.03 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059771.D

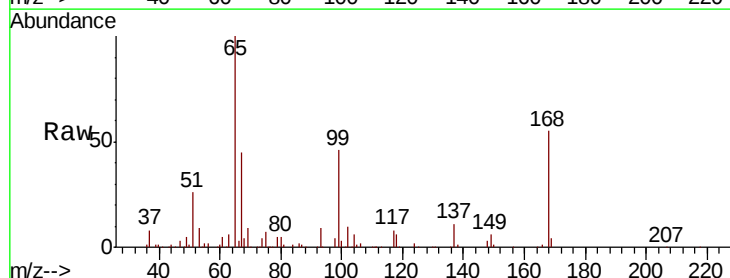
Acq: 1 Aug 2018 22:29

Tgt Ion: 65 Resp: 209769

Ion Ratio Lower Upper

65 100

67 44.8 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

80000

60000

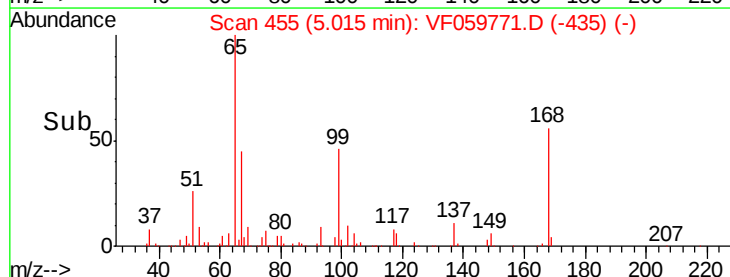
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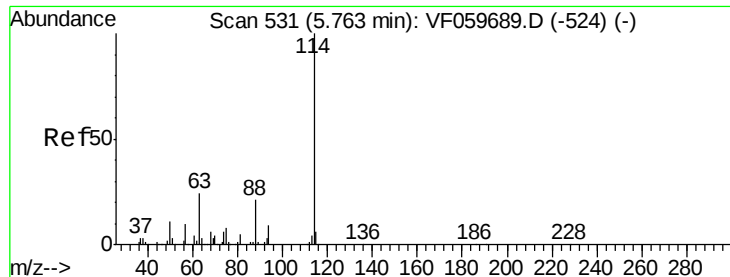
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059771.D

Acq: 1 Aug 2018 22:29

Instrument :

MSVOA_F

ClientSampleId :

FK-BPM-03-001-A

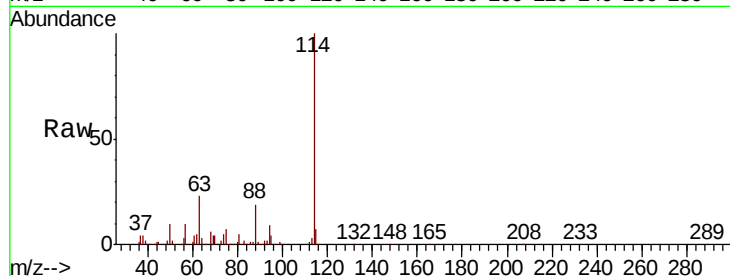
Tot Ion:114 Resp: 449727

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.4

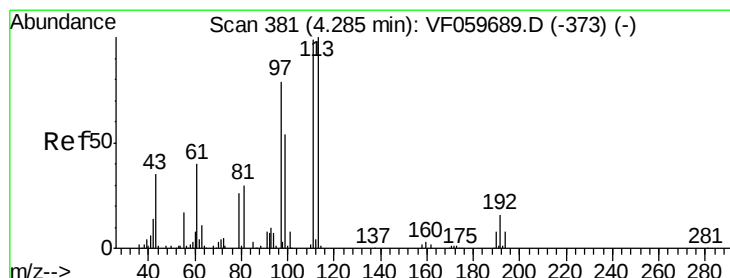
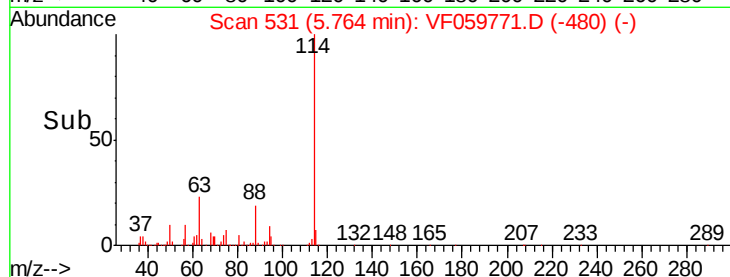
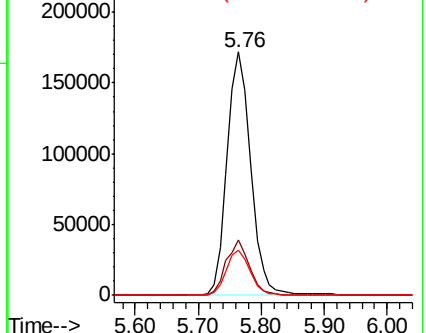
88 18.5 0.0 41.2



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: 38.38 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059771.D

Acq: 1 Aug 2018 22:29

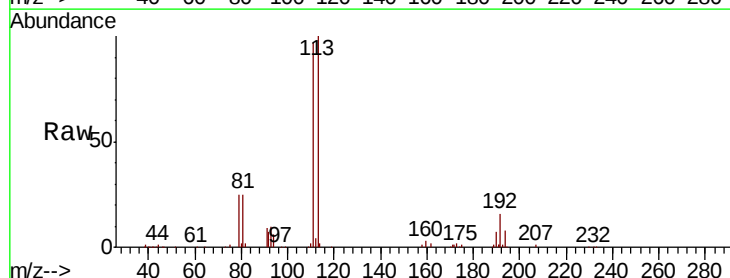
Tgt Ion:113 Resp: 179257

Ion Ratio Lower Upper

113 100

111 97.2 79.0 118.4

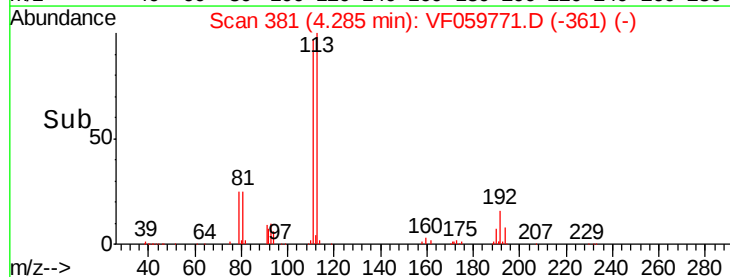
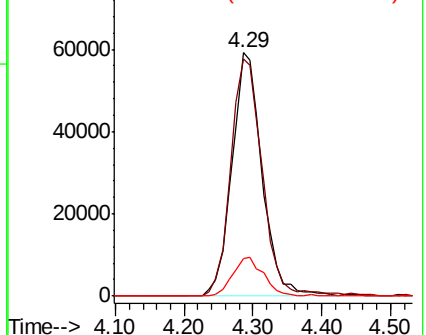
192 15.6 13.2 19.8

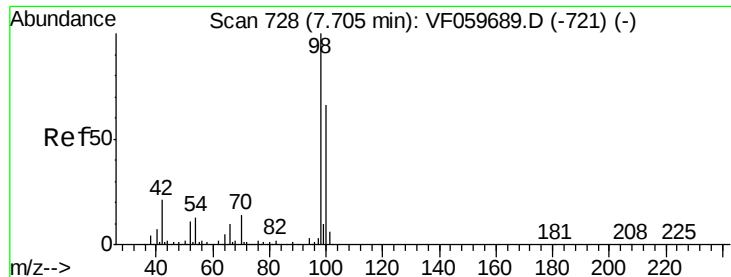


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

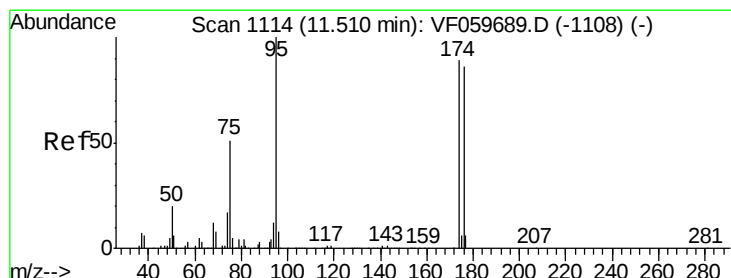
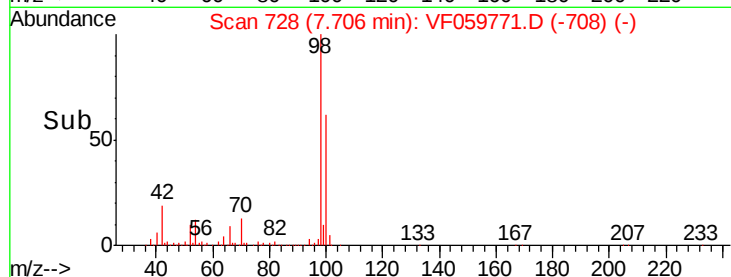
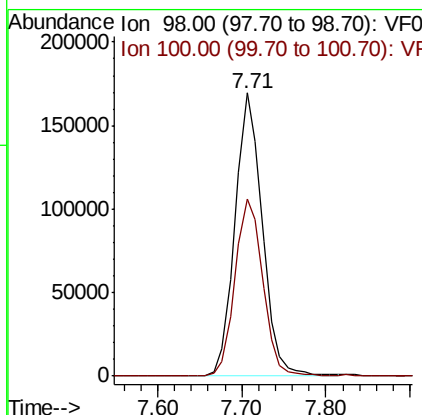
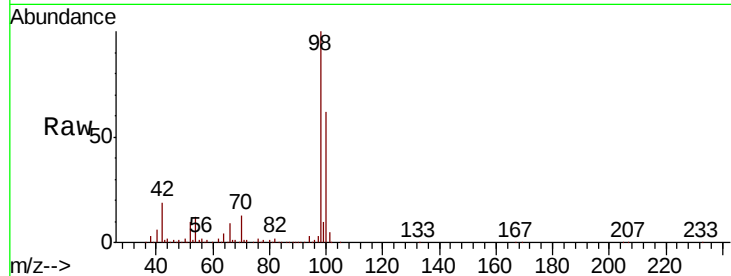




#50
Toluene-d8
Concen: 35.22 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059771.D
Acq: 1 Aug 2018 22:29

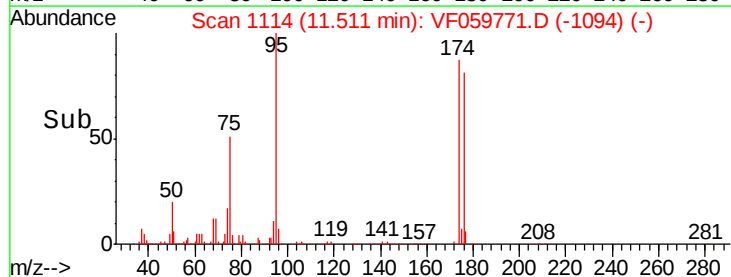
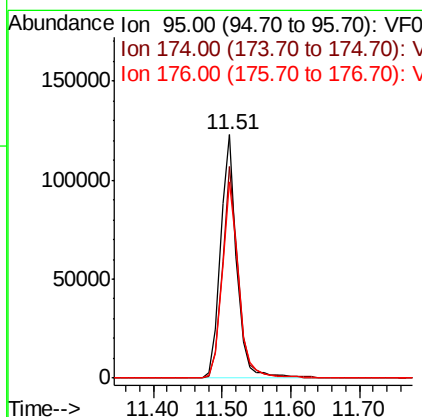
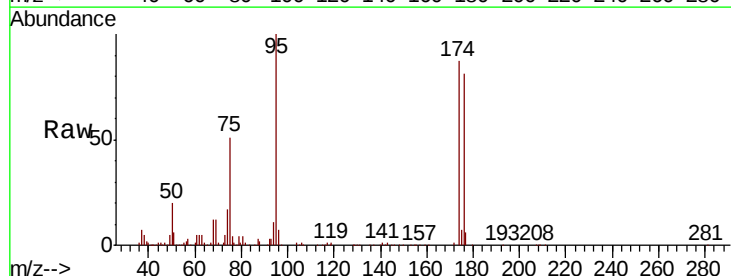
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FK-BPM-03-001-A

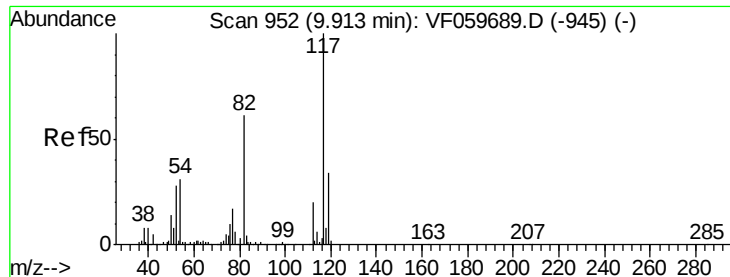
Tot Ion: 98 Resp: 383626
Ion Ratio Lower Upper
98 100
100 62.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 33.15 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059771.D
Acq: 1 Aug 2018 22:29

Tgt Ion: 95 Resp: 199877
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.4
176 80.8 0.0 173.0

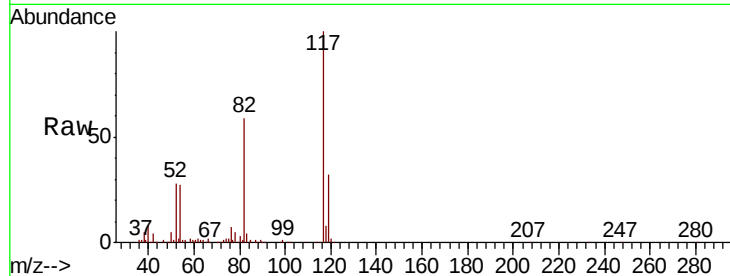




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059771.D
Acq: 1 Aug 2018 22:29

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-03-001-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	49.0	73.4
119	31.6	27.3	40.9

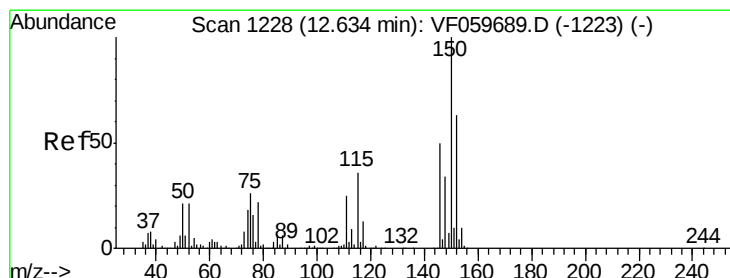
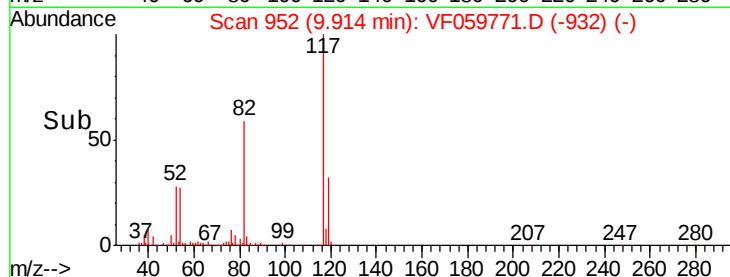
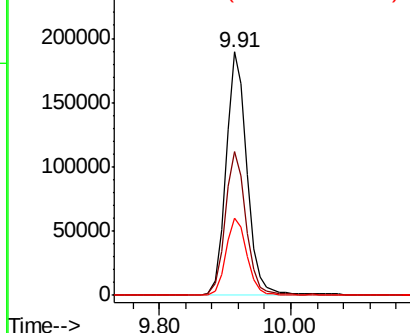


Abundance

Ion 117.00 (116.70 to 117.70): V

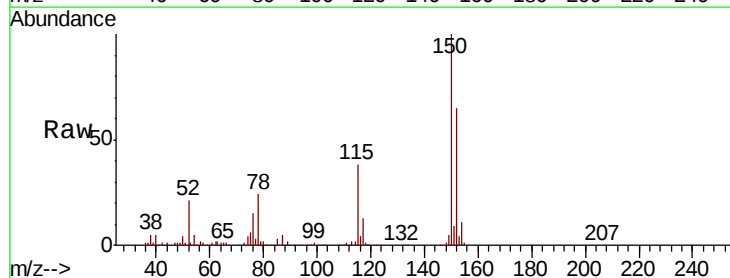
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059771.D
Acq: 1 Aug 2018 22:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.2	84.6
150	153.8	0.0	316.2

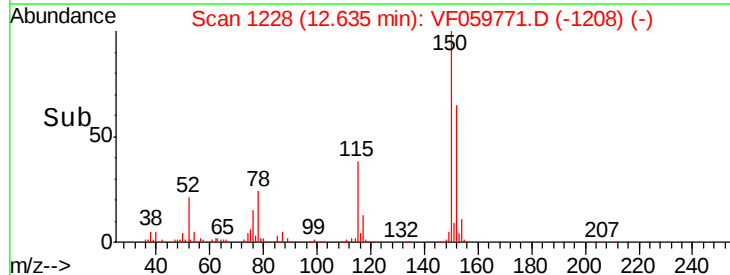
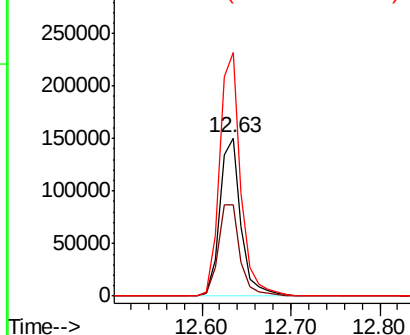


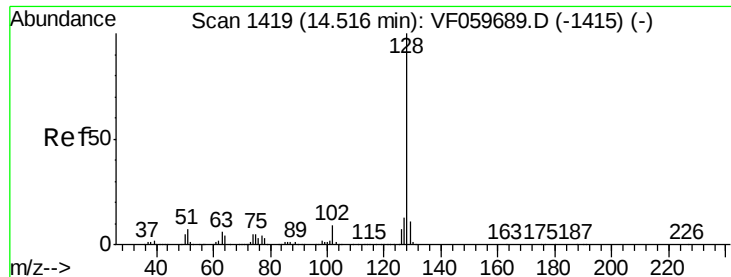
Abundance

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: 4.12 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.00 min
Lab File: VF059771.D
Acq: 1 Aug 2018 22:29

Instrument :
MSVOA_F
ClientSampleId :
FK-BPM-03-001-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.0	15.0
129	14.6	8.6	13.0

