

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001803.D
 Acq On : 28 Feb 2020 17:11
 Operator : SY/MD
 Sample : L1736-04
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-010-B

Quant Time: Feb 28 22:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

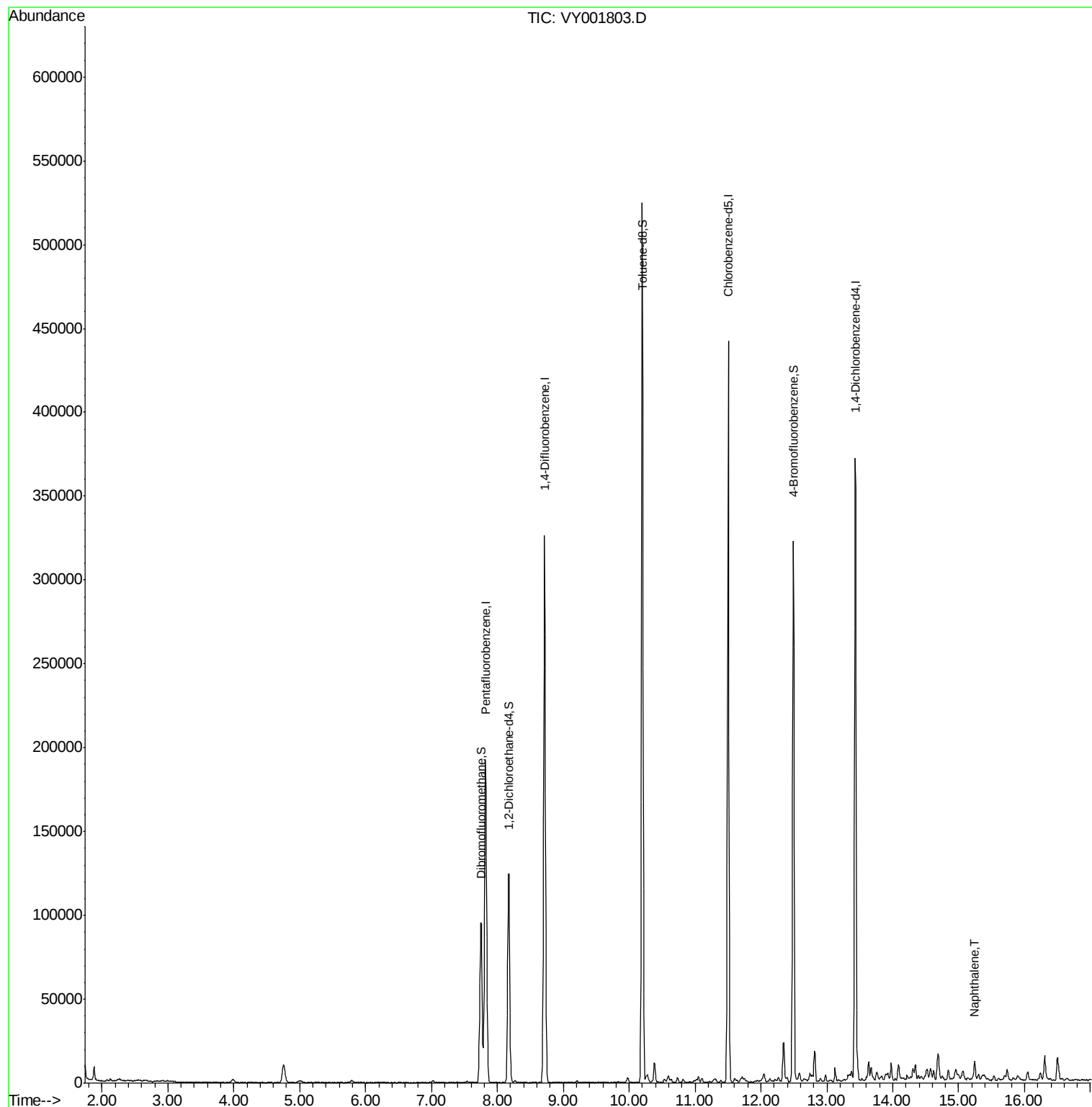
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	145855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	280210	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	238832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	91290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	89820	57.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.50%	
35) Dibromofluoromethane	7.75	113	67925	42.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.64%	
50) Toluene-d8	10.20	98	331074	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.49	95	102120	41.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.62%	
Target Compounds						
95) Naphthalene	15.25	128	7982	1.936	ug/l	Qvalue 97

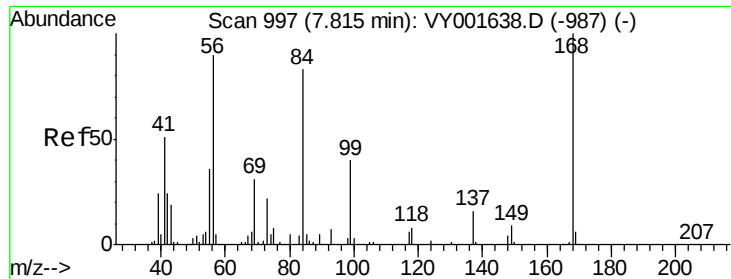
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001803.D

Acq: 28 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

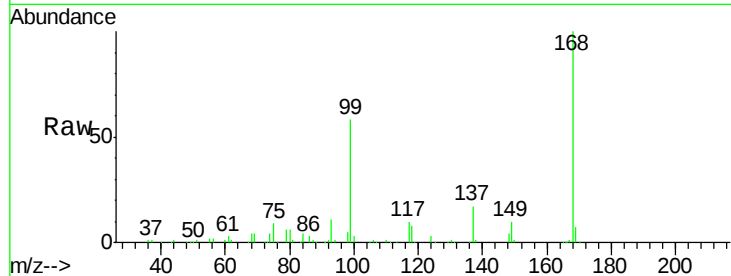
FK-SF-01-010-B

Tot Ion:168 Resp: 145855

Ion Ratio Lower Upper

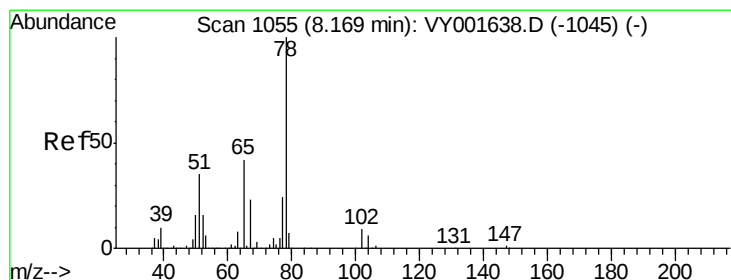
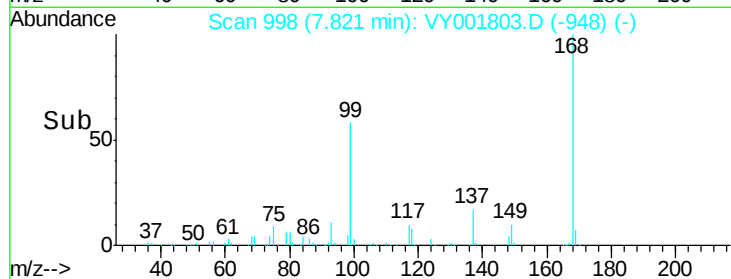
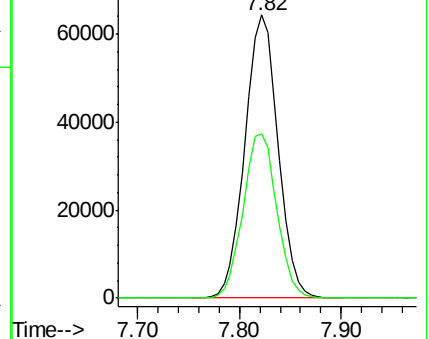
168 100

99 58.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.251 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001803.D

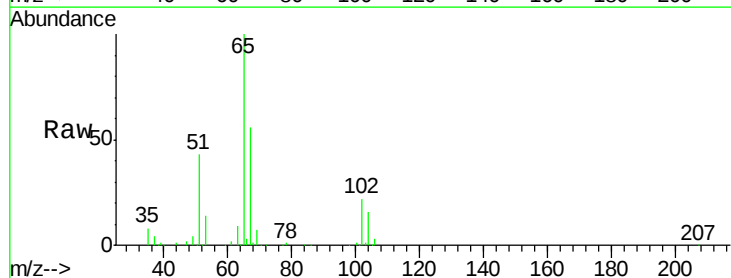
Acq: 28 Feb 2020 17:11

Tgt Ion: 65 Resp: 89820

Ion Ratio Lower Upper

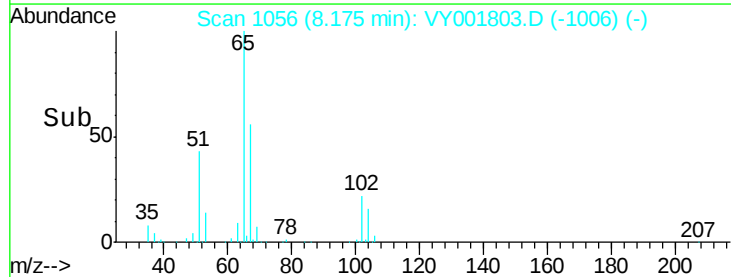
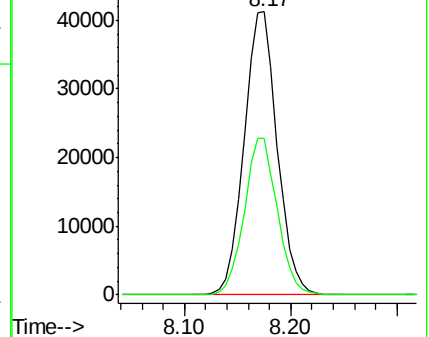
65 100

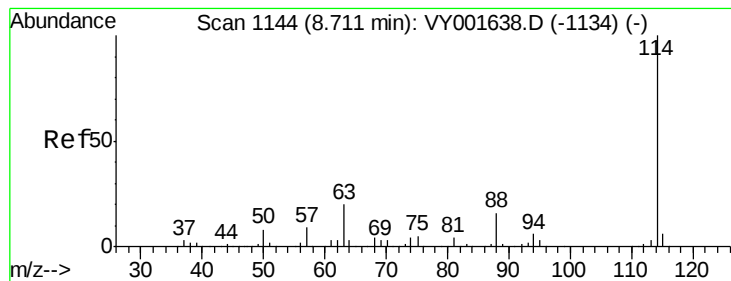
67 55.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001638.D (-1045) (-)

Ion 66.90 (66.60 to 67.60): VY001638.D (-1045) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001803.D

Acq: 28 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-010-B

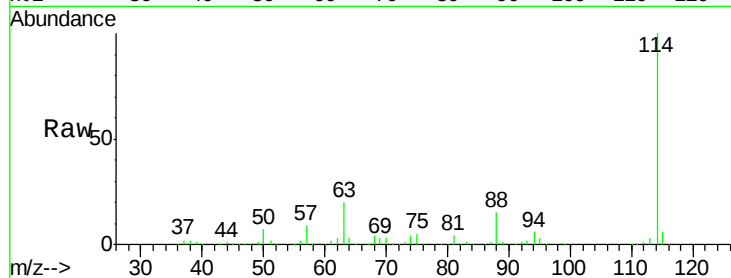
Tot Ion:114 Resp: 280210

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

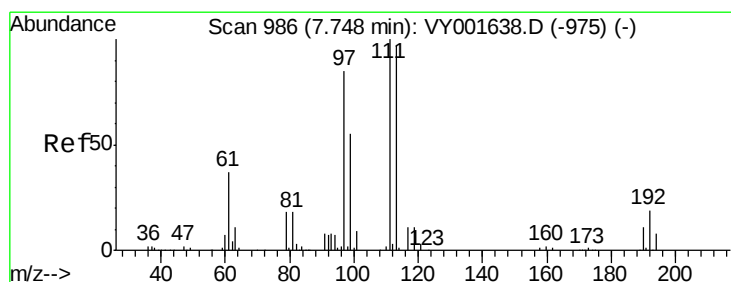
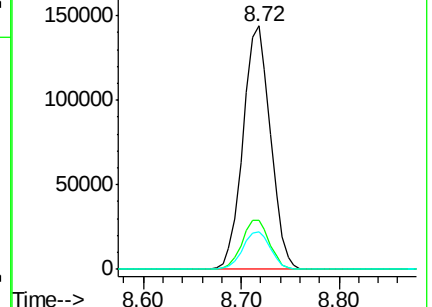
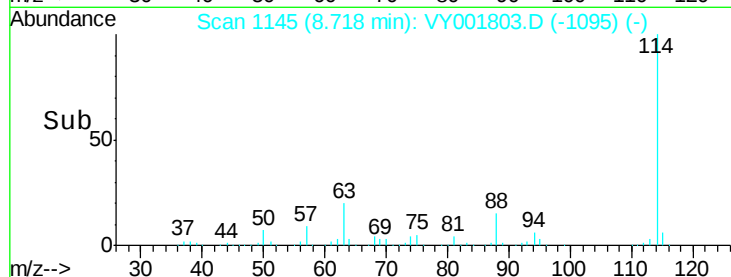
88 15.5 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 42.323 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001803.D

Acq: 28 Feb 2020 17:11

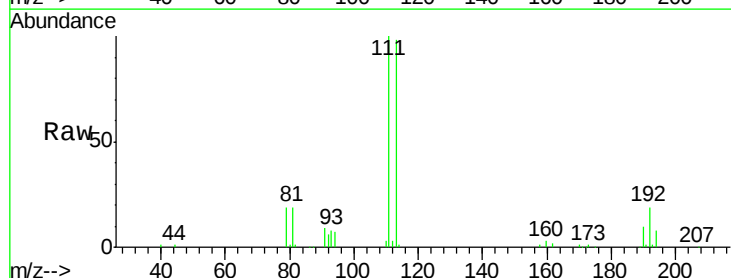
Tgt Ion:113 Resp: 67925

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

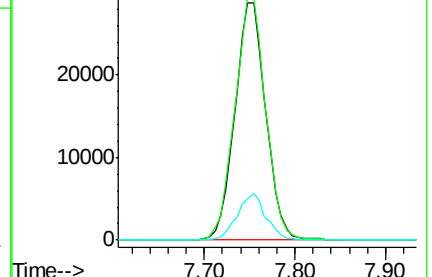
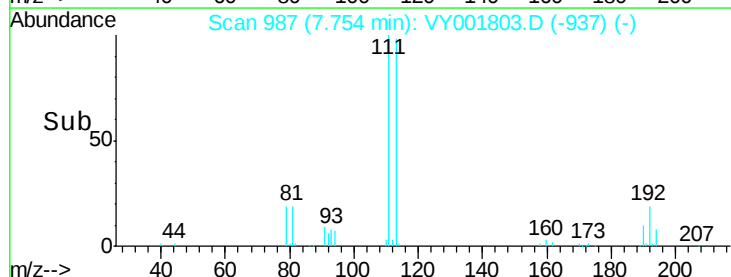
192 18.2 14.3 21.5

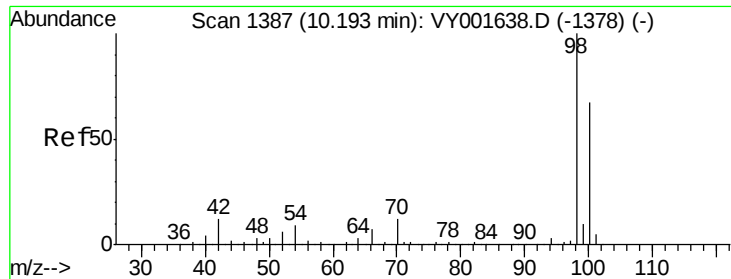


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.655 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001803.D

Acq: 28 Feb 2020 17:11

Instrument :

MSVOA_Y

ClientSampleId :

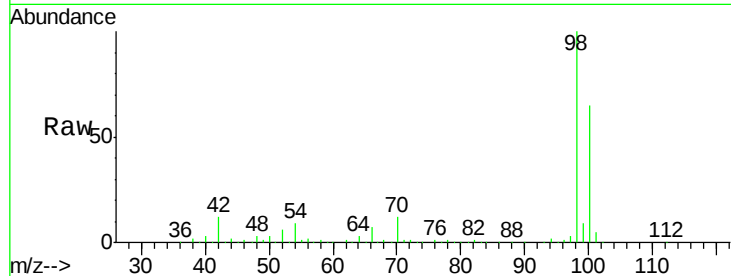
FK-SF-01-010-B

Tot Ion: 98 Resp: 331074

Ion Ratio Lower Upper

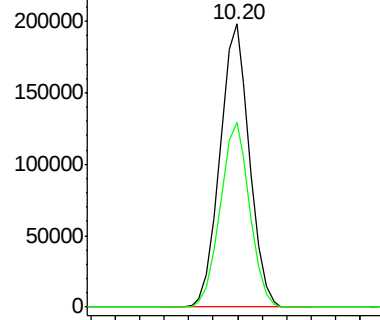
98 100

100 65.3 53.0 79.4

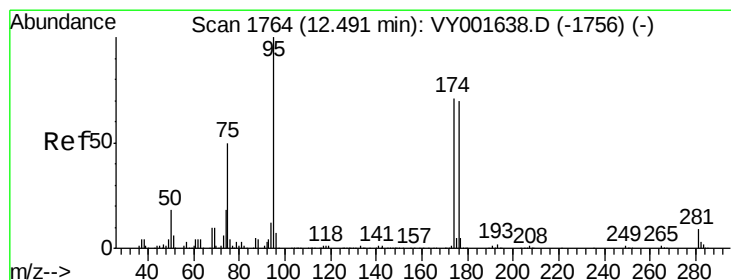
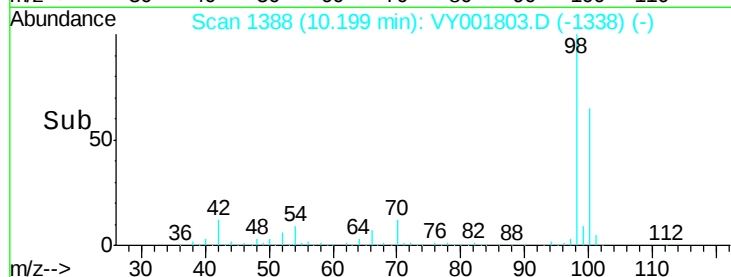


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 41.807 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001803.D

Acq: 28 Feb 2020 17:11

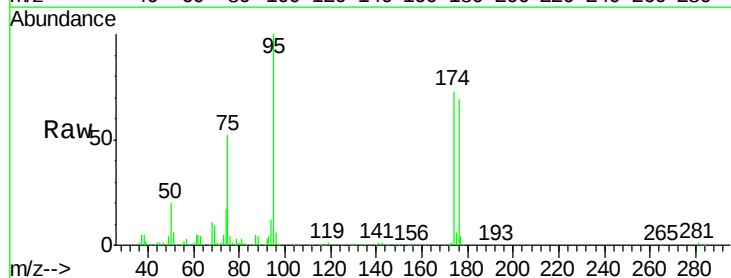
Tgt Ion: 95 Resp: 102120

Ion Ratio Lower Upper

95 100

174 74.1 0.0 138.4

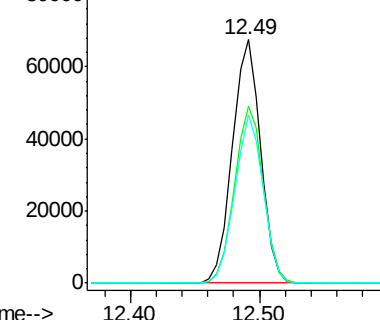
176 69.7 0.0 131.8



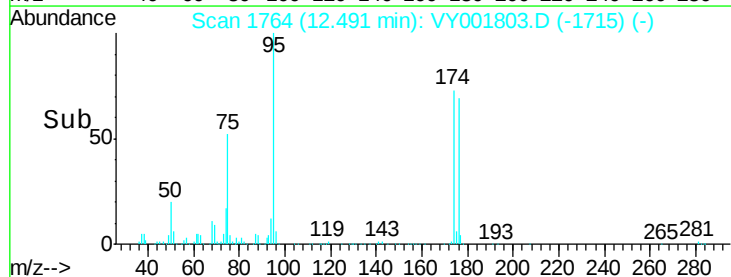
Abundance Ion 94.90 (94.60 to 95.60): VY0

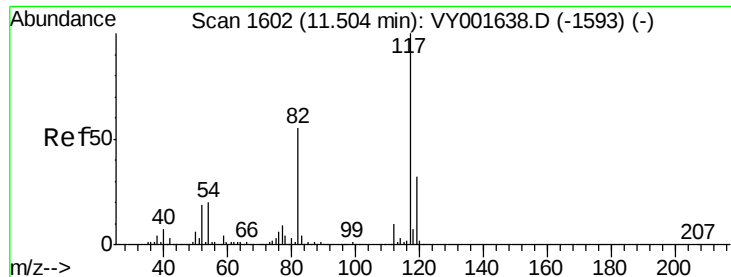
Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



Time-->

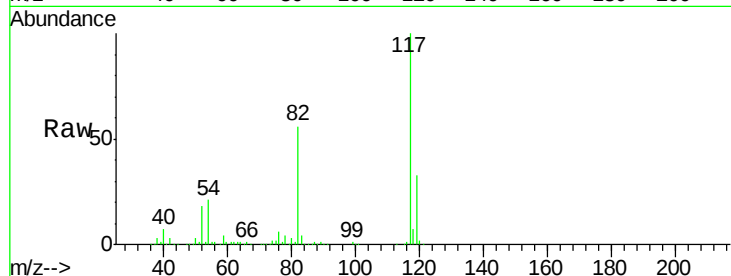




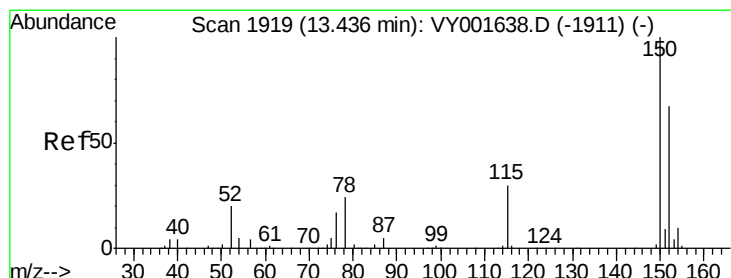
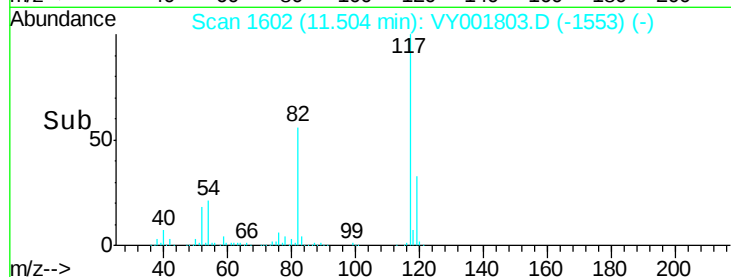
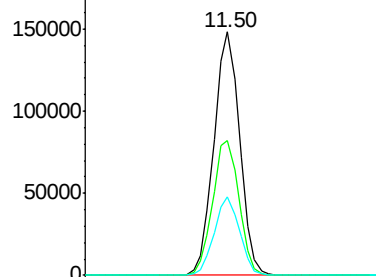
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001803.D
Acq: 28 Feb 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-010-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.5	68.3
119	32.5	25.8	38.6

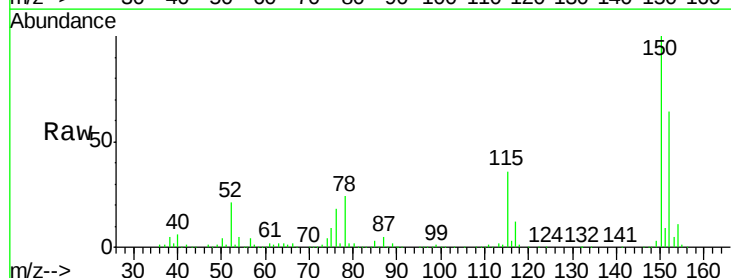


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

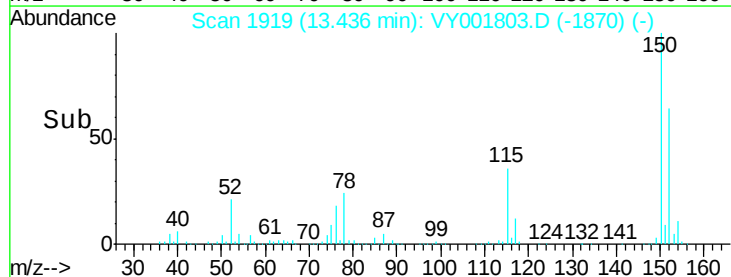
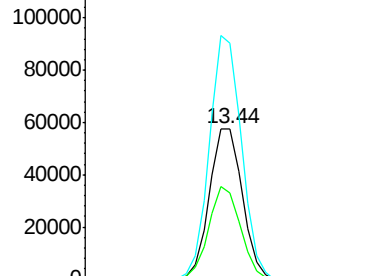


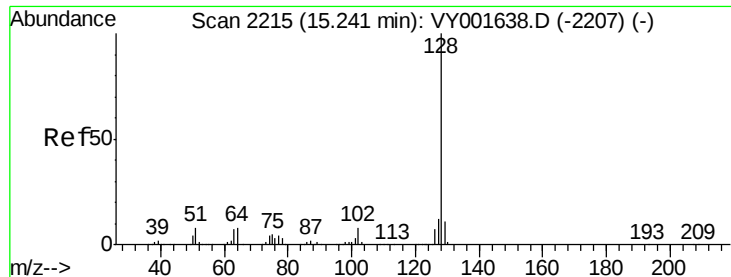
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001803.D
Acq: 28 Feb 2020 17:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.4	94.2
150	157.4	0.0	407.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 1.936 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.01 min
Lab File: VY001803.D
Acq: 28 Feb 2020 17:11

Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-010-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.5	9.9	14.9
129	9.1	8.6	13.0

