

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001672.D
 Acq On : 18 Feb 2020 15:43
 Operator : SY/MD
 Sample : L1548-02
 Misc : 4.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-063

Quant Time: Feb 19 07:28:48 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

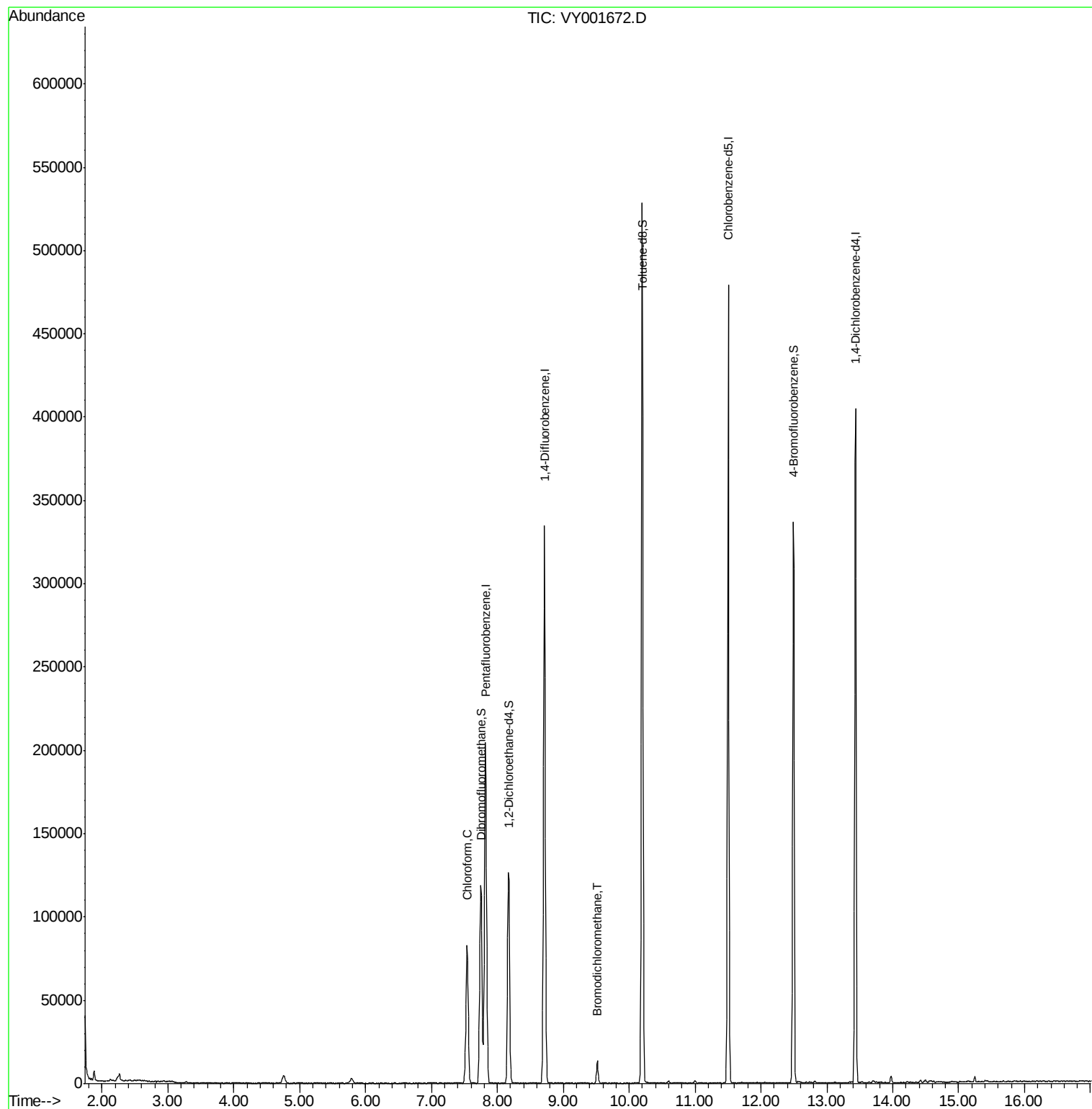
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	286100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98381	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	95859	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
35) Dibromofluoromethane	7.75	113	84693	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
50) Toluene-d8	10.20	98	348603	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
62) 4-Bromofluorobenzene	12.49	95	108396	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
Target Compounds						
30) Chloroform	7.54	83	80317	24.827	ug/l	Qvalue 100
47) Bromodichloromethane	9.52	83	8403	3.307	ug/l	89

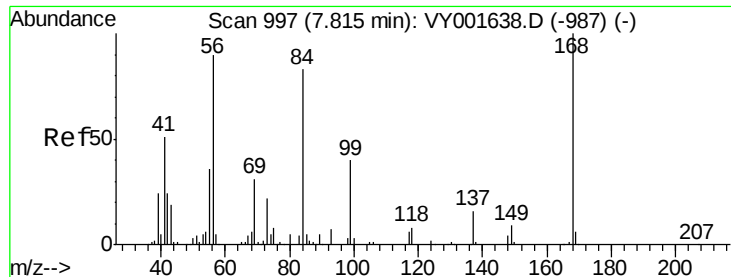
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001672.D

Acq: 18 Feb 2020 15:43

Instrument :

MSVOA_Y

ClientSampleId :

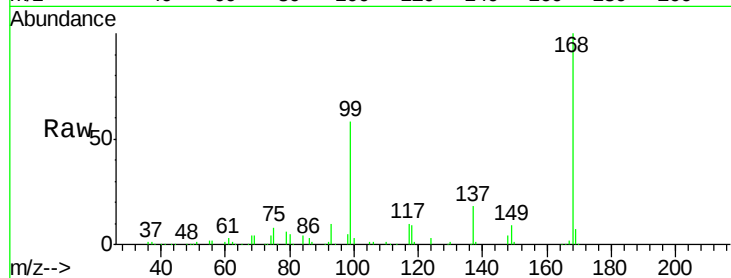
FK-PS-01-063

Tot Ion:168 Resp: 156212

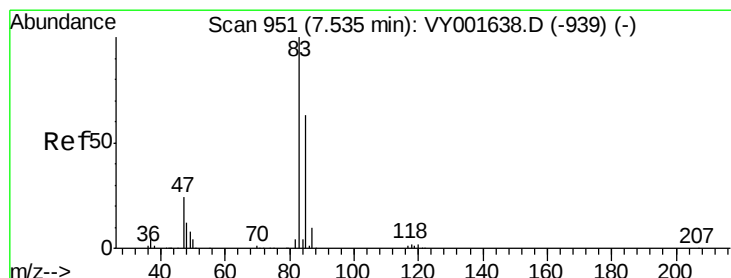
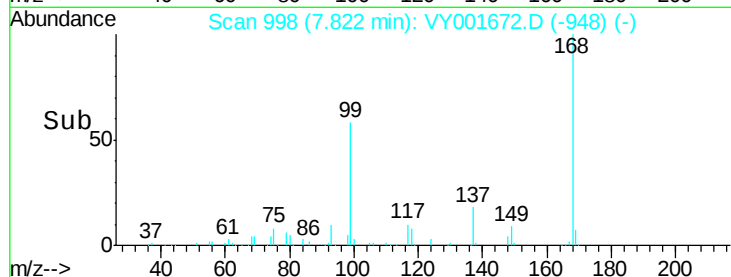
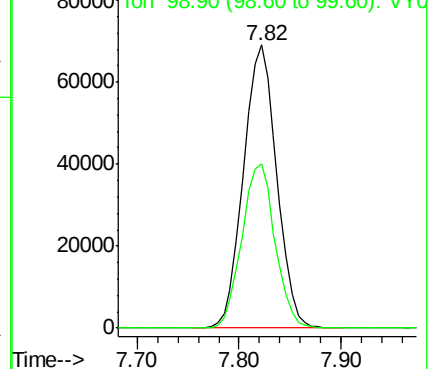
Ion Ratio Lower Upper

168 100

99 57.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001672.D (-948) (-)



#30

Chloroform

Concen: 24.827 ug/l

RT: 7.54 min Scan# 952

Delta R.T. 0.01 min

Lab File: VY001672.D

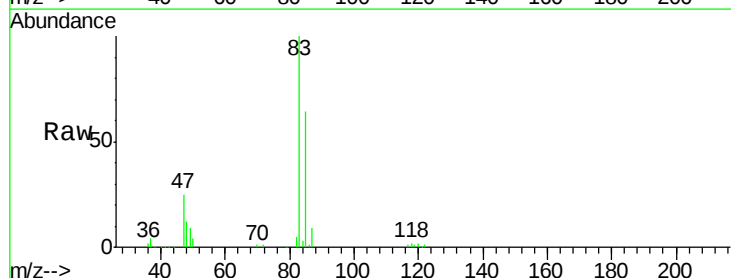
Acq: 18 Feb 2020 15:43

Tgt Ion: 83 Resp: 80317

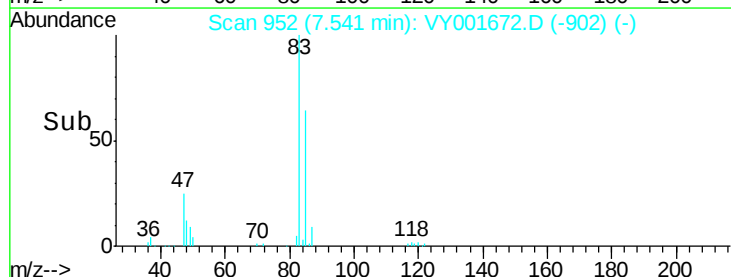
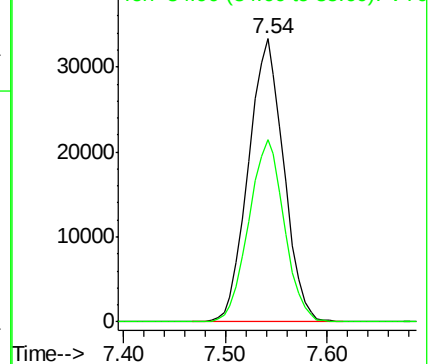
Ion Ratio Lower Upper

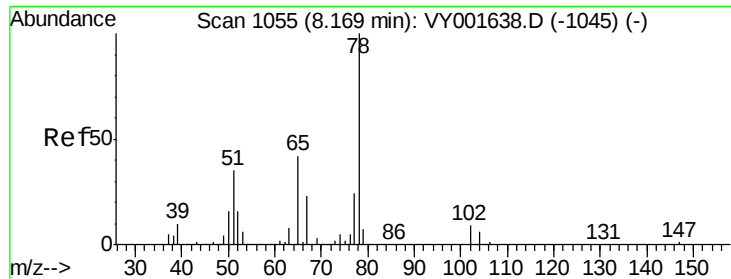
83 100

85 64.4 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VY001672.D (-902) (-)

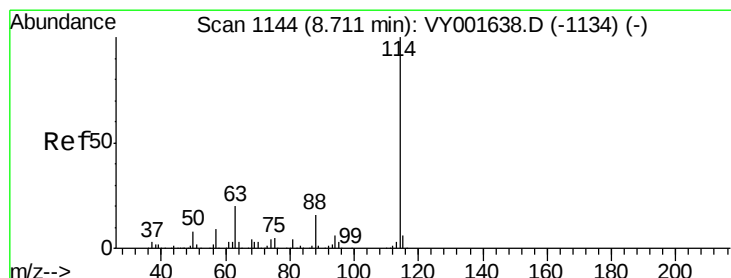
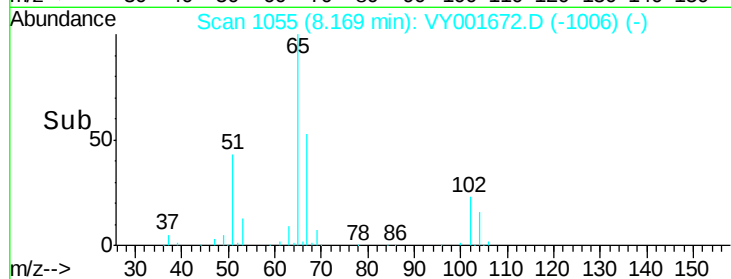
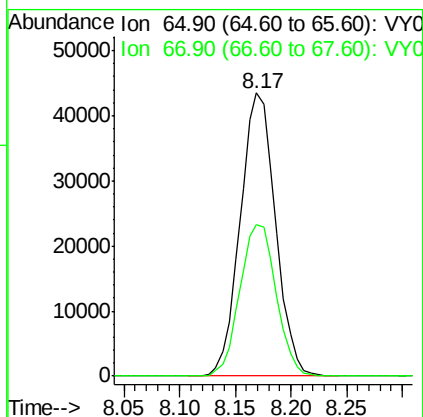
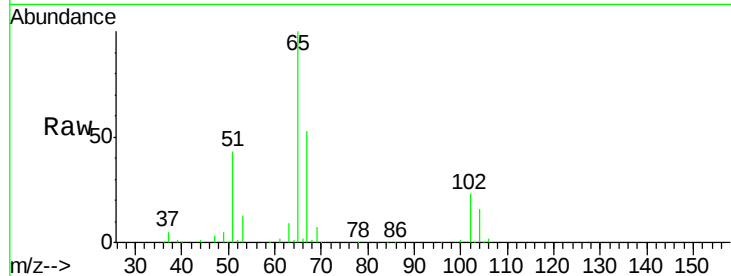




#33
 1,2-Dichloroethane-d4
 Concen: 57.049 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001672.D
 Acq: 18 Feb 2020 15:43

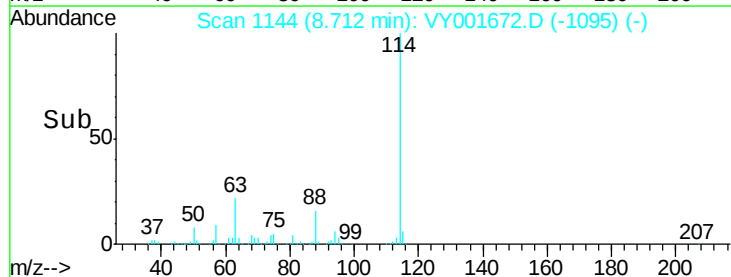
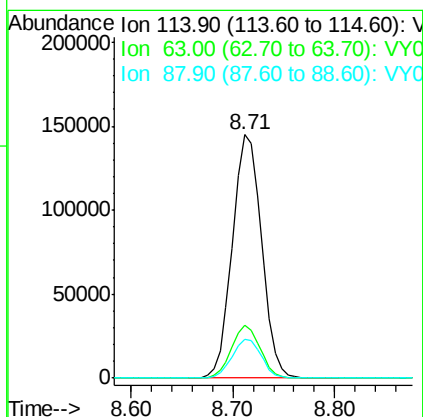
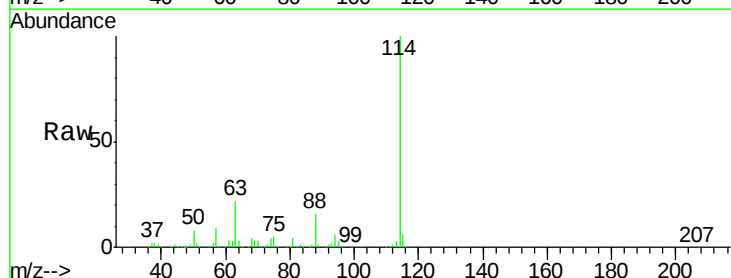
Instrument :
 MSVOA_Y
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 FK-PS-01-063

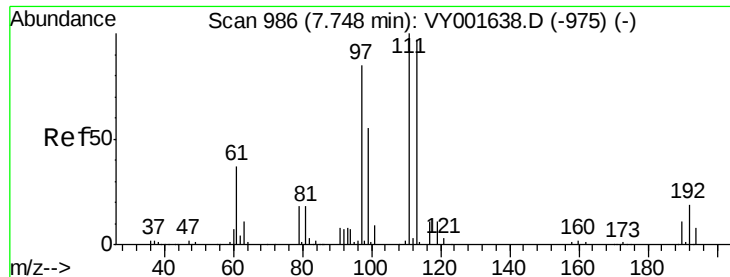
Tot Ion: 65 Resp: 95859
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001672.D
 Acq: 18 Feb 2020 15:43

Tgt Ion: 114 Resp: 286100
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.4
 88 16.1 0.0 32.8

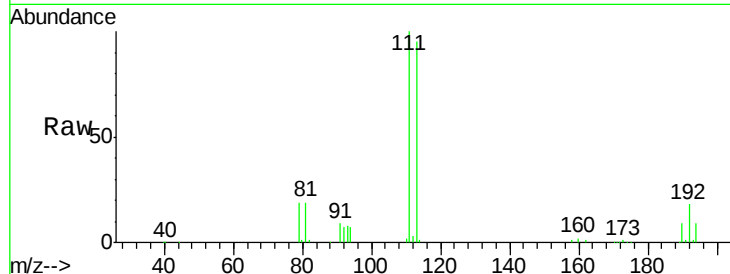




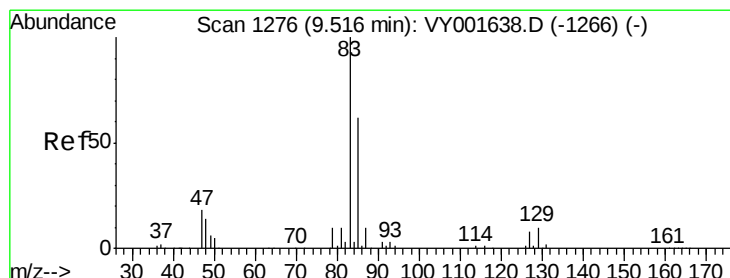
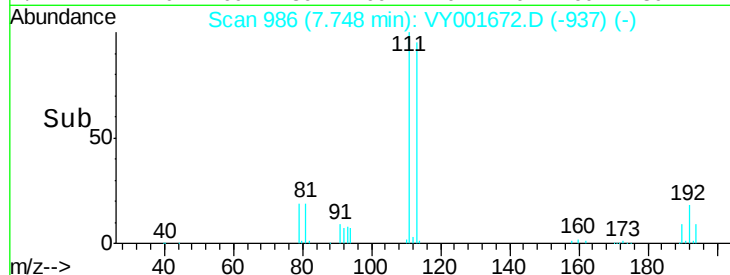
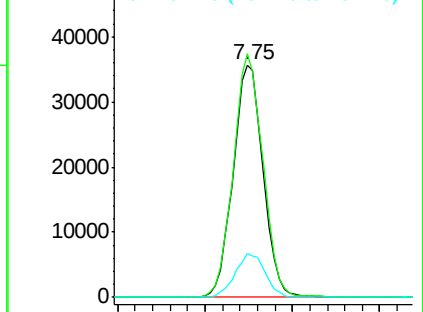
#35
 Dibromofluoromethane
 Concen: 51.684 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001672.D
 Acq: 18 Feb 2020 15:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-063

Tot Ion:113 Resp: 84693
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.9 122.9
 192 18.7 14.3 21.5

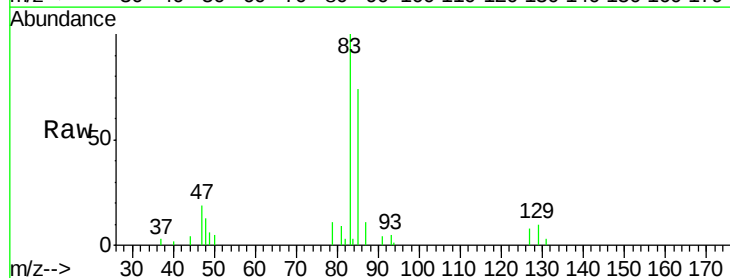


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

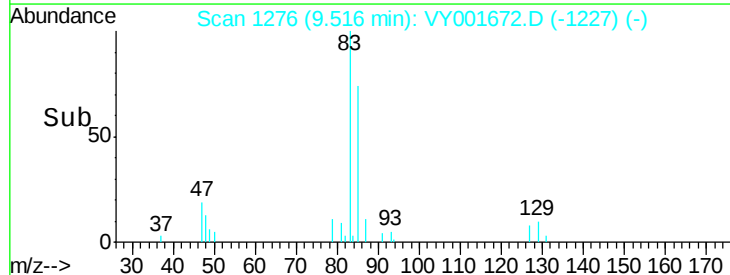
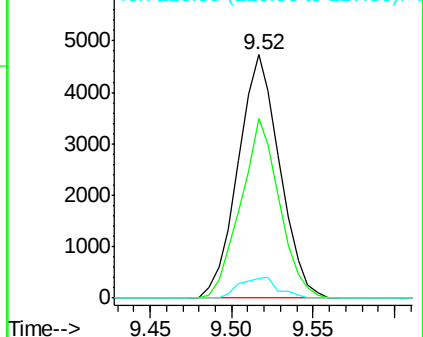


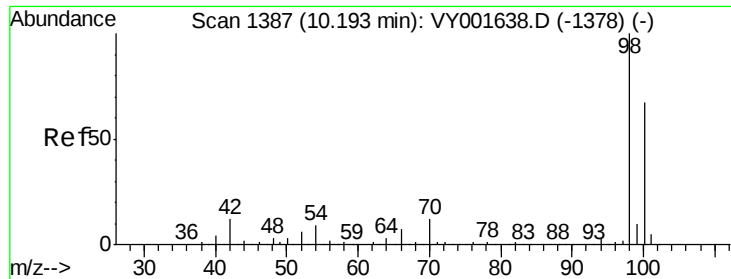
#47
 Bromodichloromethane
 Concen: 3.307 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VY001672.D
 Acq: 18 Feb 2020 15:43

Tgt Ion: 83 Resp: 8403
 Ion Ratio Lower Upper
 83 100
 85 74.0 51.4 77.0
 127 8.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 54.302 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001672.D

Acq: 18 Feb 2020 15:43

Instrument :

MSVOA_Y

ClientSampleId :

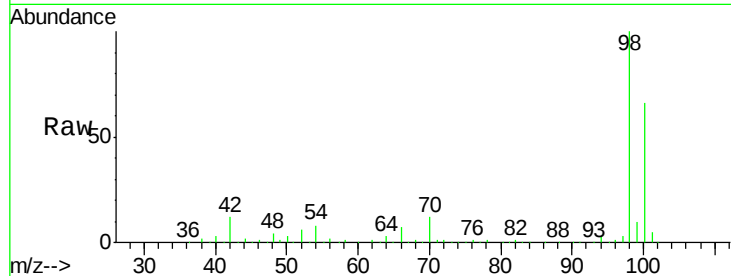
FK-PS-01-063

Tot Ion: 98 Resp: 348603

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001672.D (-1338) (-)

10.20

200000

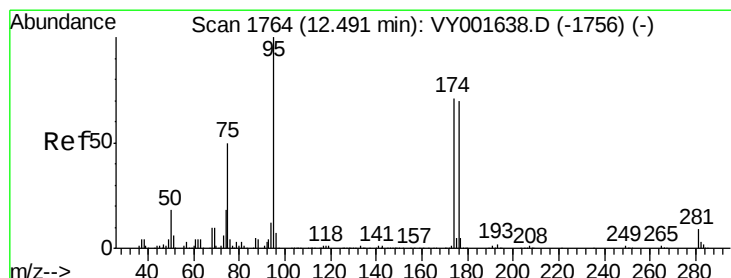
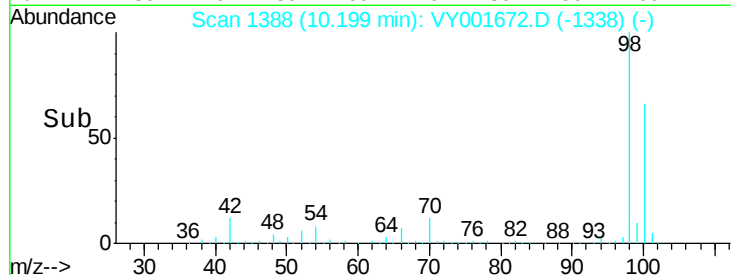
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.462 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001672.D

Acq: 18 Feb 2020 15:43

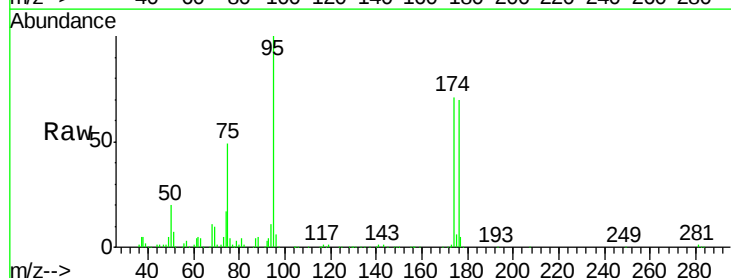
Tgt Ion: 95 Resp: 108396

Ion Ratio Lower Upper

95 100

174 74.0 0.0 138.4

176 73.6 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001672.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001672.D (-1715) (-)

12.49

80000

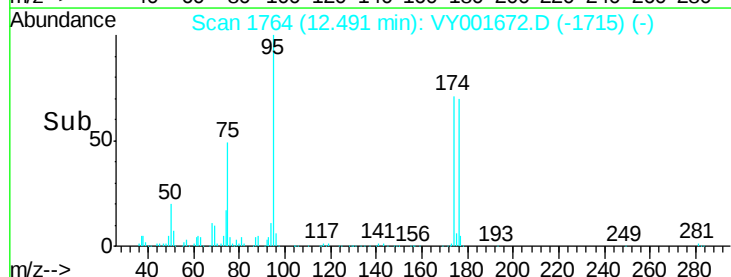
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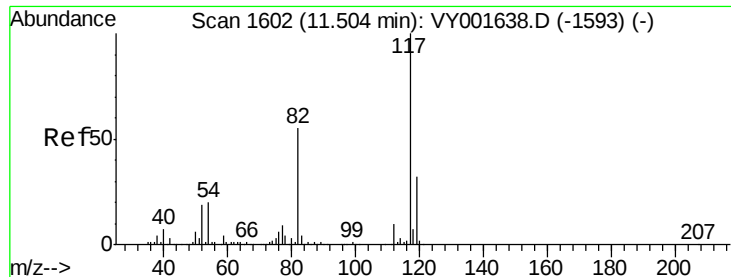
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20000

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Time-->

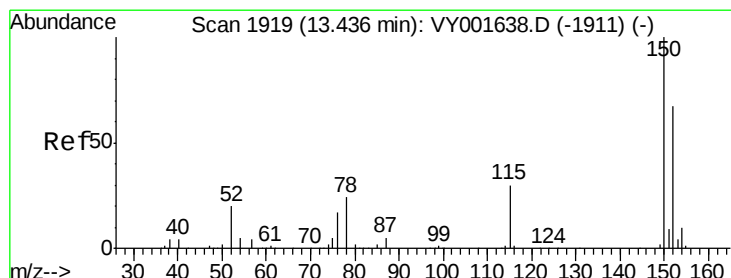
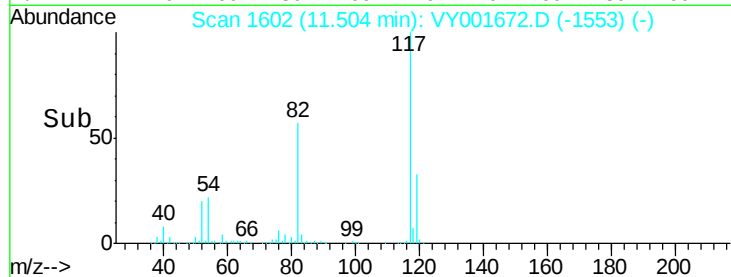
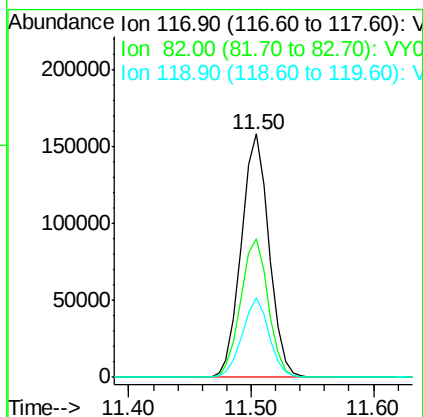
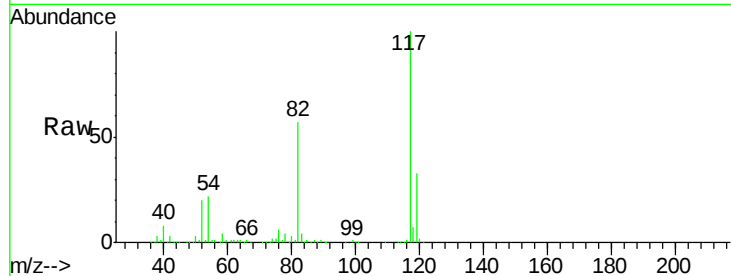




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001672.D
Acq: 18 Feb 2020 15:43

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-063

Tot Ion:117 Resp: 249033
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001672.D
Acq: 18 Feb 2020 15:43

Tgt Ion:152 Resp: 98381
Ion Ratio Lower Upper
152 100
115 60.2 31.4 94.2
150 156.3 0.0 407.2

