

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001674.D
 Acq On : 18 Feb 2020 16:27
 Operator : SY/MD
 Sample : L1552-04
 Misc : 6.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-008-B

Quant Time: Feb 19 07:33:48 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	7.81	168	157092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	100780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	93945	55.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.20%	
35) Dibromofluoromethane	7.74	113	63052	38.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.64%	
50) Toluene-d8	10.19	98	343053	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.49	95	111353	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

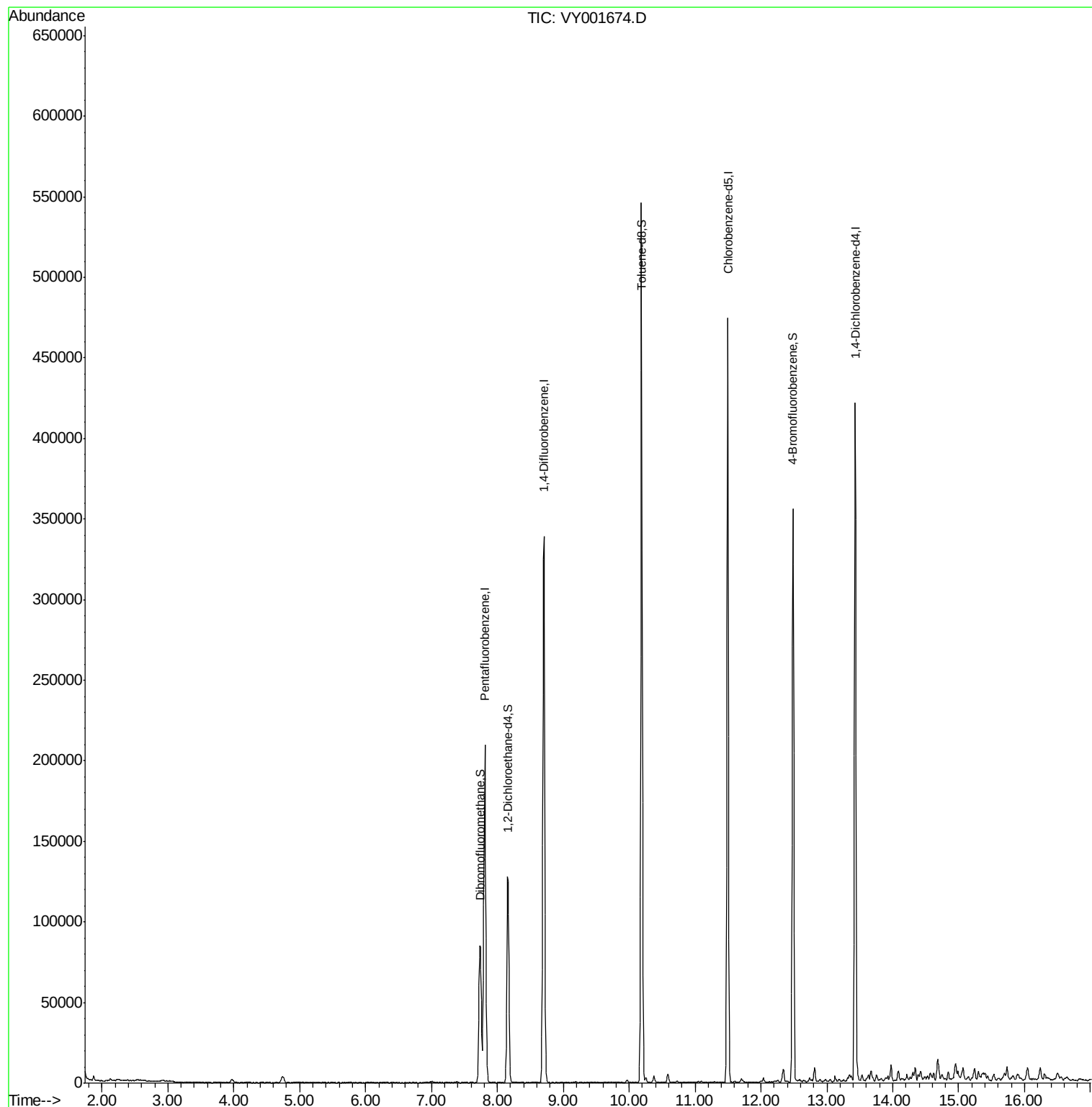
Target Compounds	Qvalue

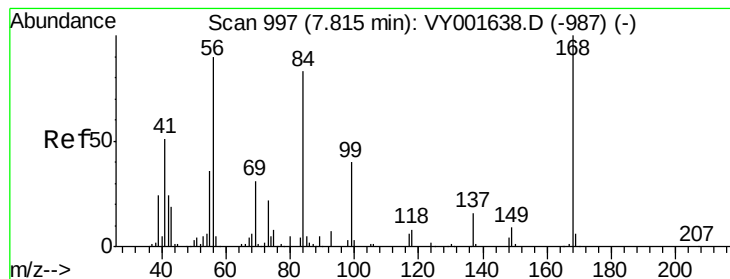
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001674.D

Acq: 18 Feb 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

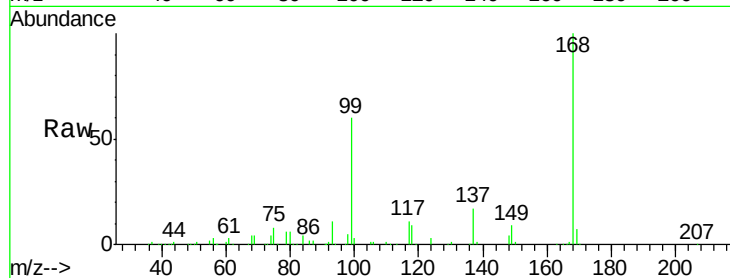
FK-SF-01-008-B

Tot Ion:168 Resp: 157092

Ion Ratio Lower Upper

168 100

99 60.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001674.D (-1006) (-)

Ion 98.90 (98.60 to 99.60): VY001674.D (-1006) (-)

7.81

60000

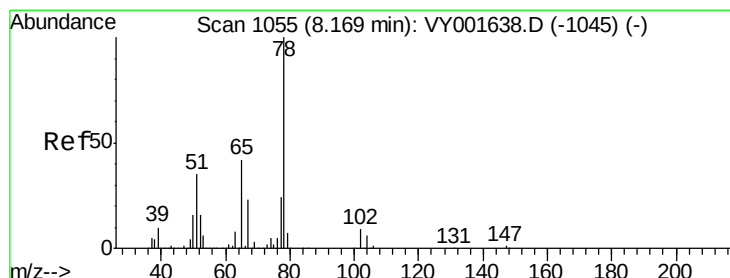
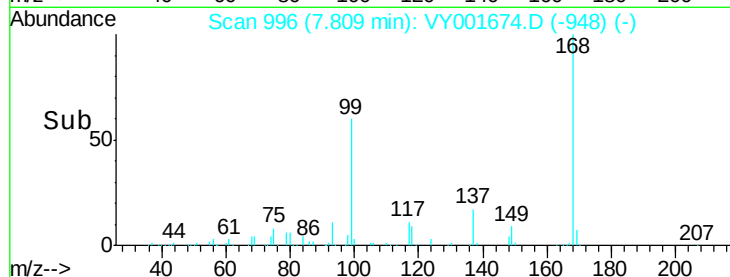
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.597 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001674.D

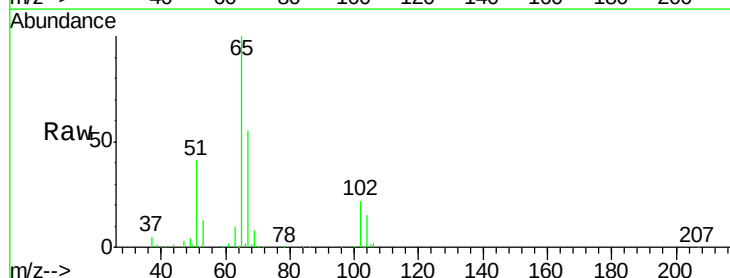
Acq: 18 Feb 2020 16:27

Tgt Ion: 65 Resp: 93945

Ion Ratio Lower Upper

65 100

67 56.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001674.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001674.D (-1006) (-)

8.16

50000

40000

30000

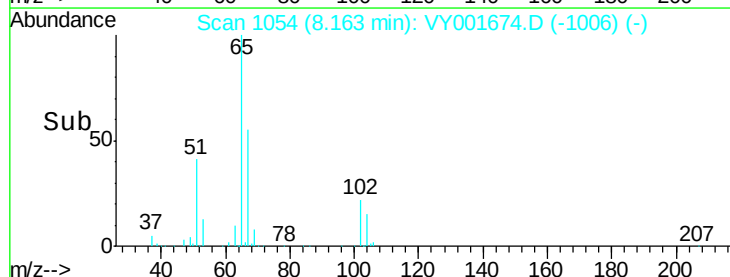
20000

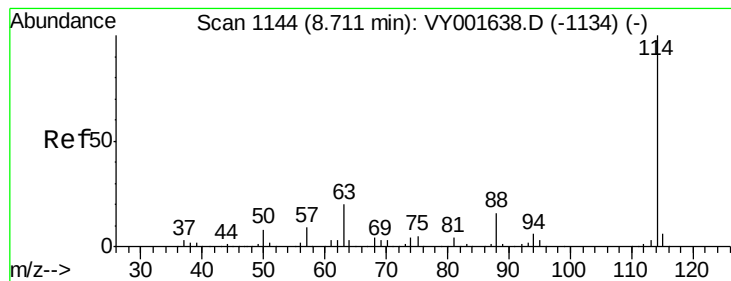
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001674.D

Acq: 18 Feb 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-008-B

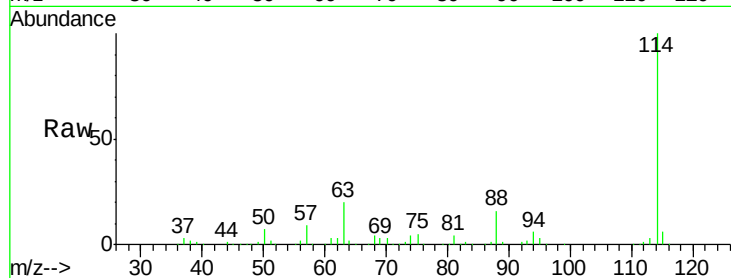
Tot Ion:114 Resp: 287261

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

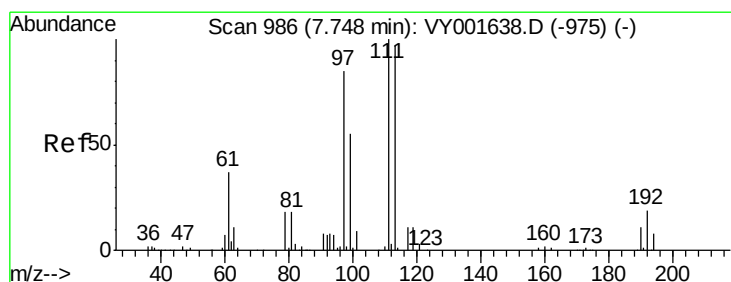
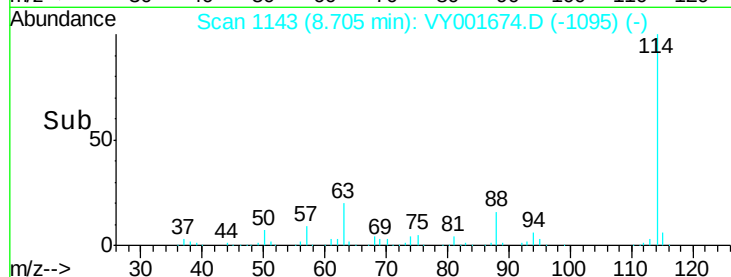
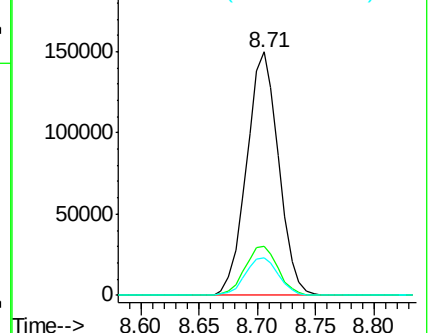
88 15.7 0.0 32.8



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: 38.322 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001674.D

Acq: 18 Feb 2020 16:27

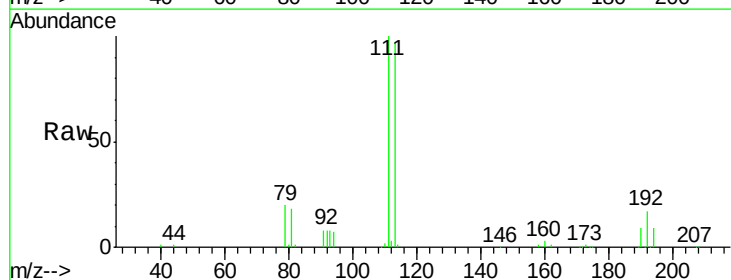
Tgt Ion:113 Resp: 63052

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

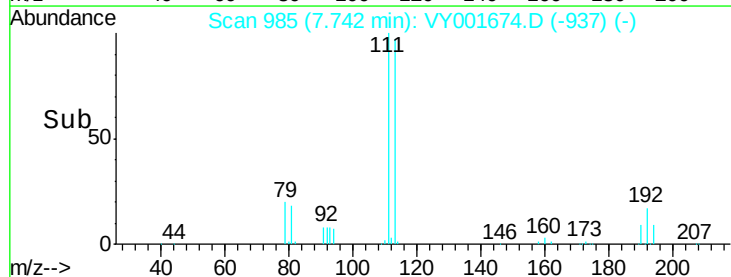
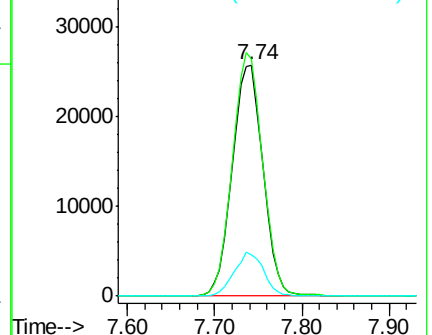
192 18.1 14.3 21.5

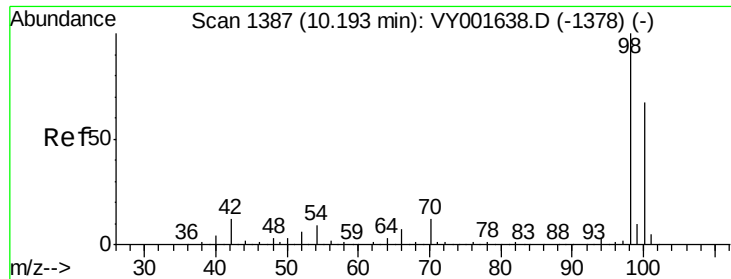


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.221 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001674.D

Acq: 18 Feb 2020 16:27

Instrument :

MSVOA_Y

ClientSampleId :

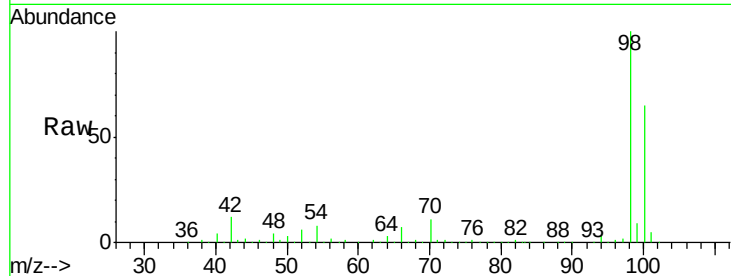
FK-SF-01-008-B

Tot Ion: 98 Resp: 343053

Ion Ratio Lower Upper

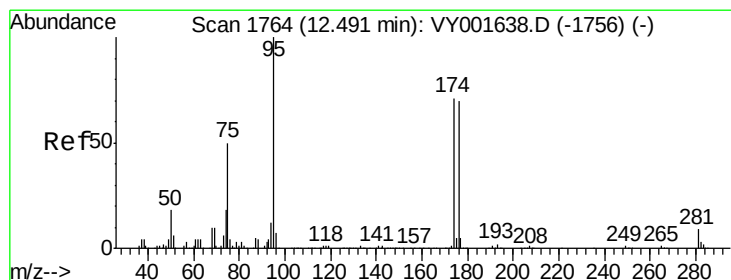
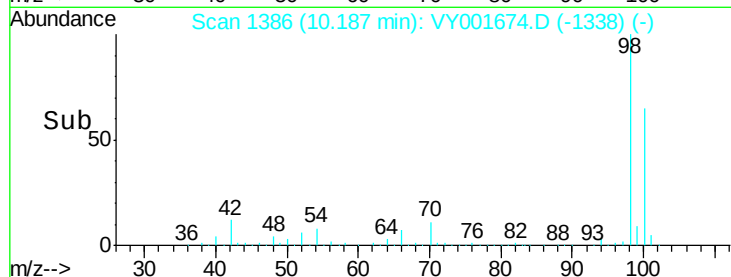
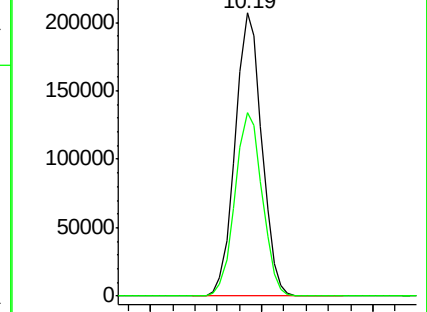
98 100

100 66.2 53.0 79.4



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

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 44.468 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001674.D

Acq: 18 Feb 2020 16:27

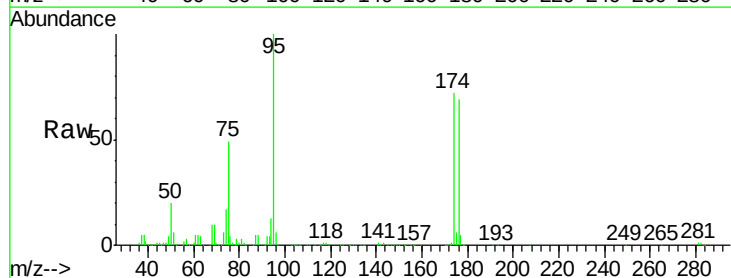
Tgt Ion: 95 Resp: 111353

Ion Ratio Lower Upper

95 100

174 75.5 0.0 138.4

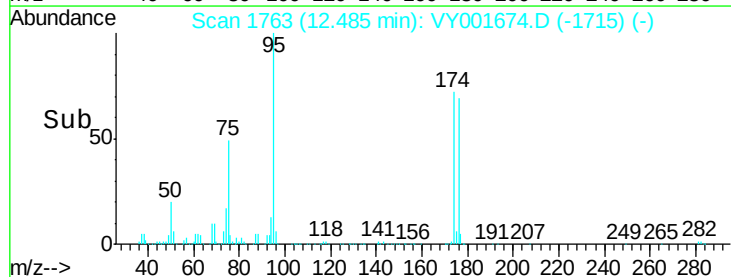
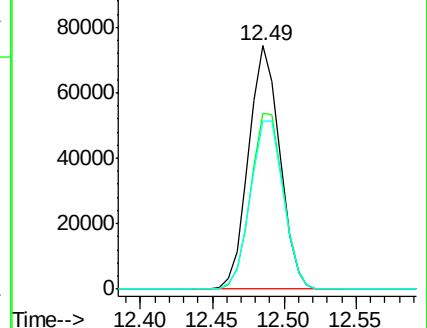
176 73.0 0.0 131.8

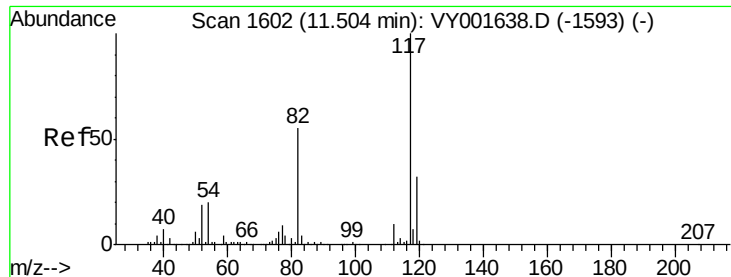


Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

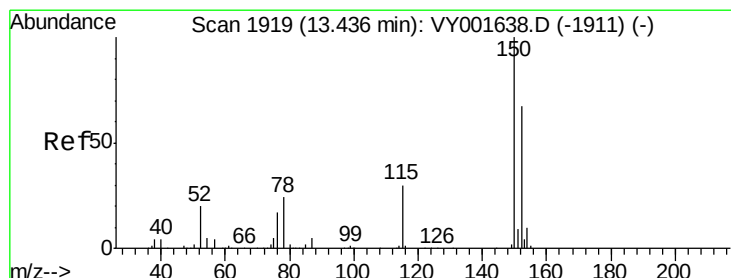
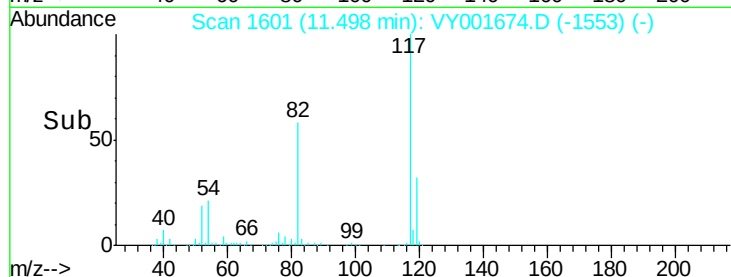
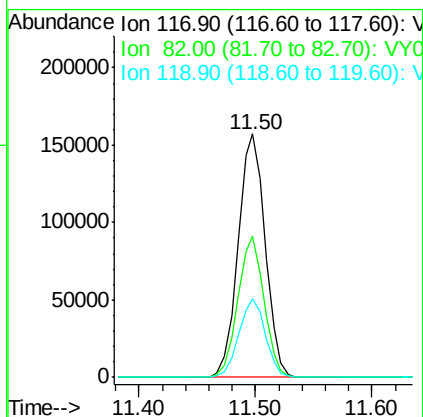
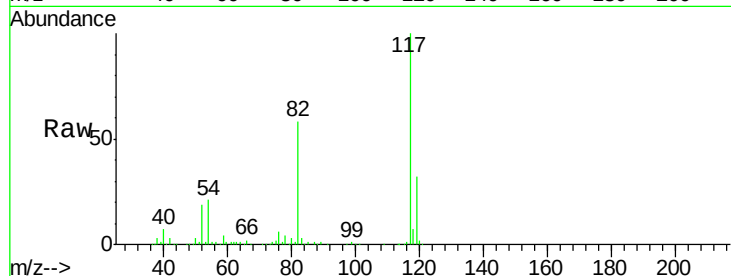




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001674.D
Acq: 18 Feb 2020 16:27

Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-008-B

Tot Ion:117 Resp: 253725
Ion Ratio Lower Upper
117 100
82 58.1 45.5 68.3
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001674.D
Acq: 18 Feb 2020 16:27

Tgt Ion:152 Resp: 100780
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 159.1 0.0 407.2

