

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002107.D
 Acq On : 27 Mar 2020 15:53
 Operator : SY/MD
 Sample : L2049-04
 Misc : 6.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(1-3)

Quant Time: Mar 30 04:57:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

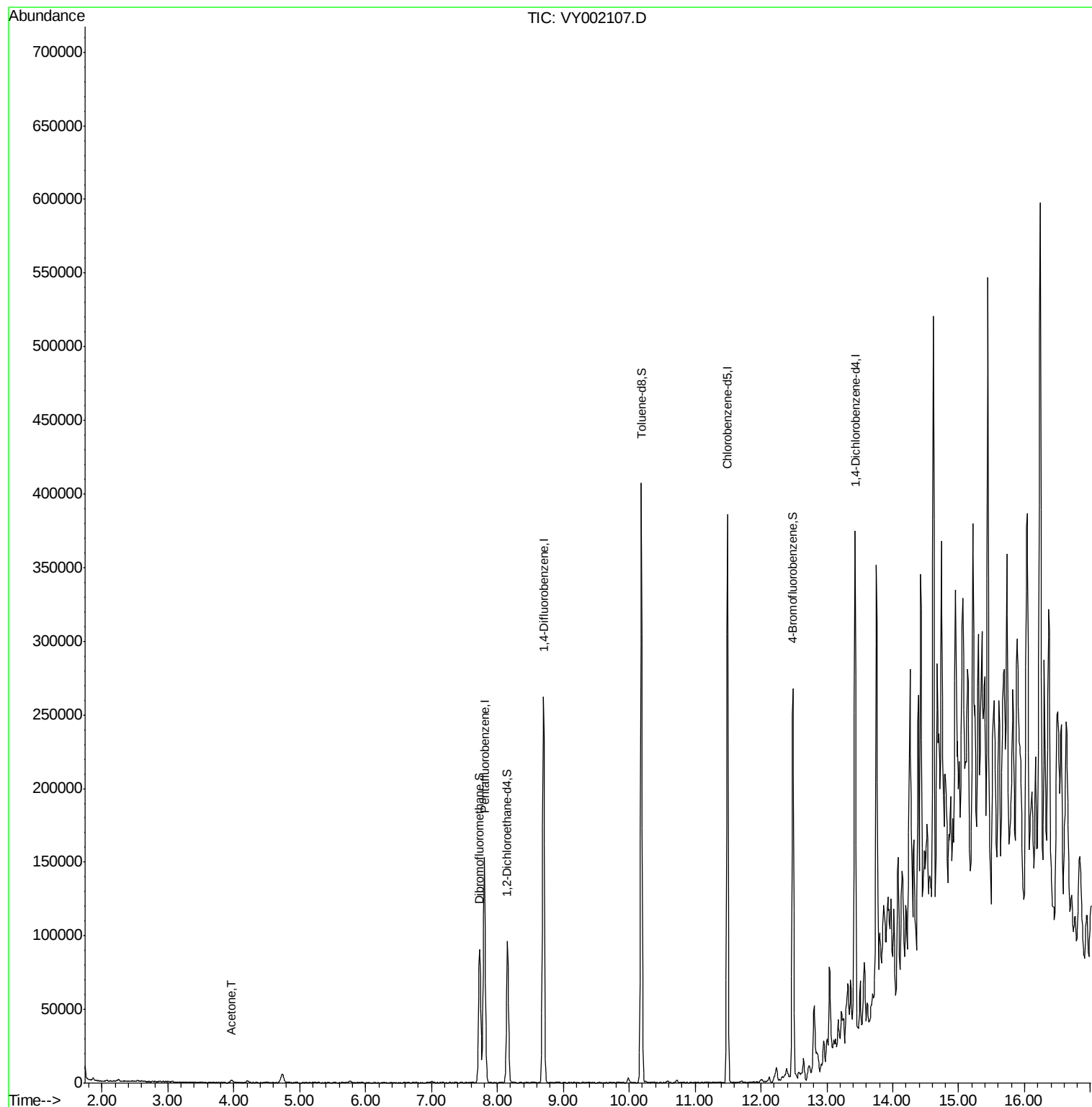
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	113399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	220251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	200309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	76736	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	72023	57.45	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	114.90%	
35) Dibromofluoromethane	7.73	113	65194	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
50) Toluene-d8	10.18	98	266926	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.49	95	87027	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
Target Compounds						
16) Acetone	3.96	43	3394	9.637	ug/l #	Qvalue 79

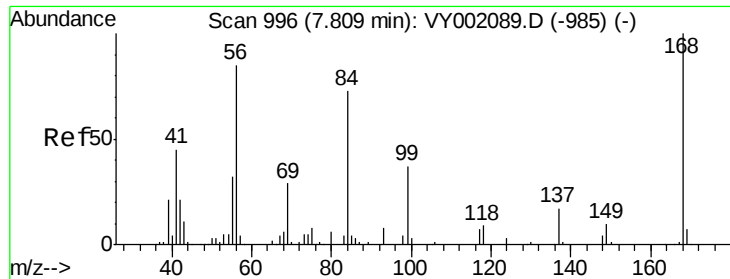
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002107.D

Acq: 27 Mar 2020 15:53

Instrument :

MSVOA_Y

ClientSampleId :

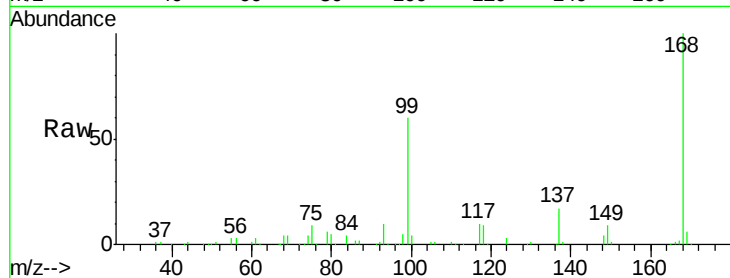
SB-4-(1-3)

Tot Ion:168 Resp: 113399

Ion Ratio Lower Upper

168 100

99 60.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002107.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002107.D (-947) (-)

7.80

60000

50000

40000

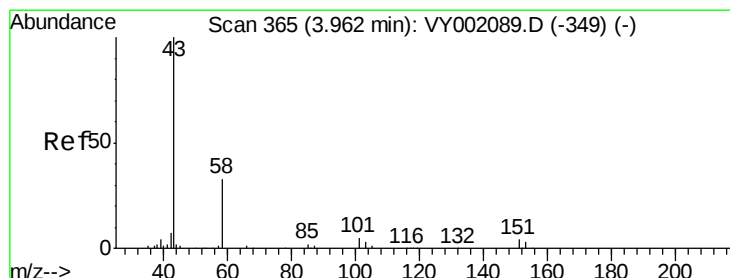
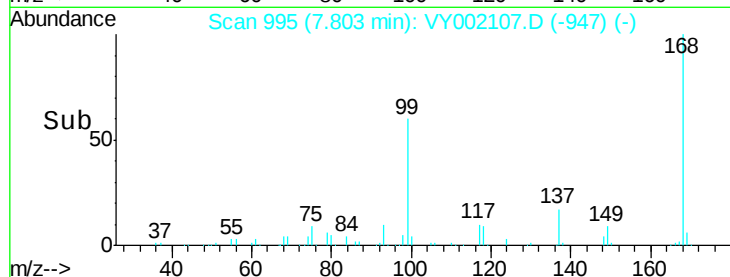
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 9.637 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.00 min

Lab File: VY002107.D

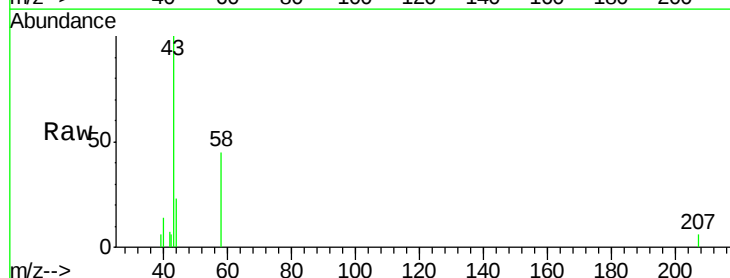
Acq: 27 Mar 2020 15:53

Tgt Ion: 43 Resp: 3394

Ion Ratio Lower Upper

43 100

58 44.9 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002107.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002107.D (-316) (-)

3.96

1200

1000

800

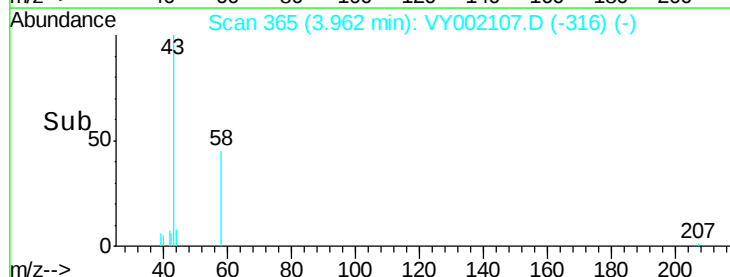
600

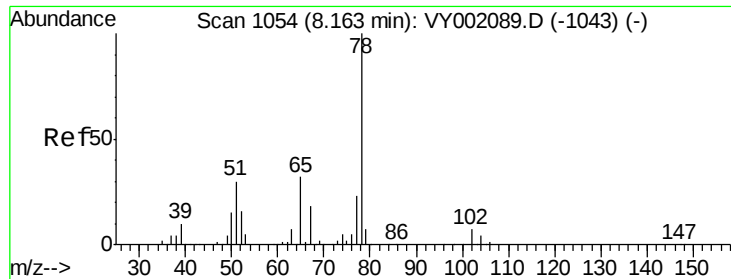
400

200

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.453 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002107.D

Acq: 27 Mar 2020 15:53

Instrument :

MSVOA_Y

ClientSampleId :

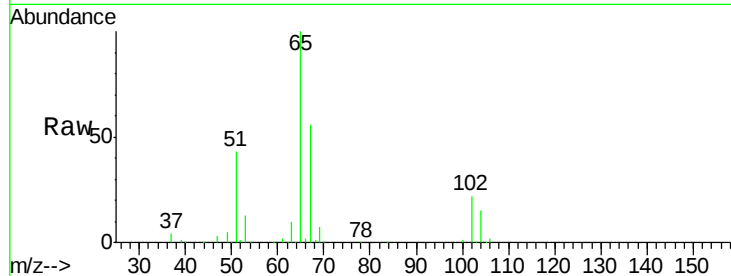
SB-4-(1-3)

Tot Ion: 65 Resp: 72023

Ion Ratio Lower Upper

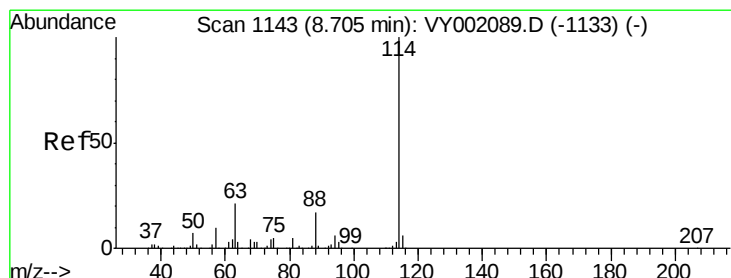
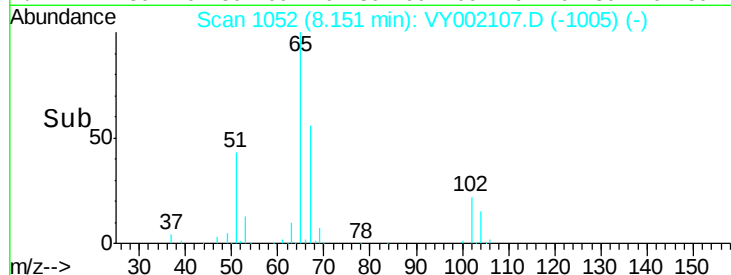
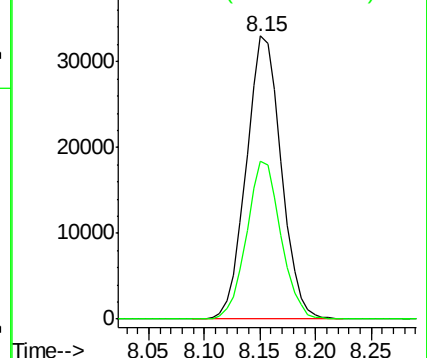
65 100

67 54.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002107.D

Acq: 27 Mar 2020 15:53

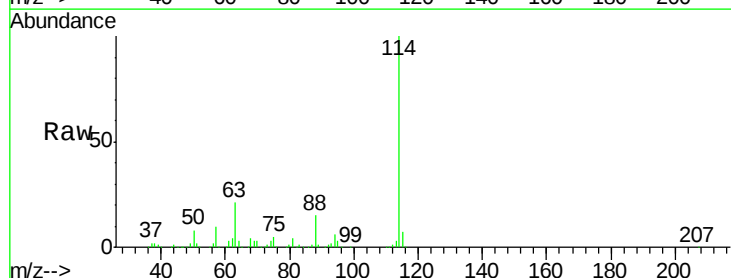
Tgt Ion: 114 Resp: 220251

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

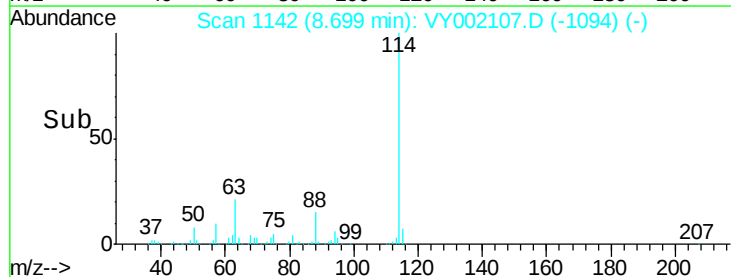
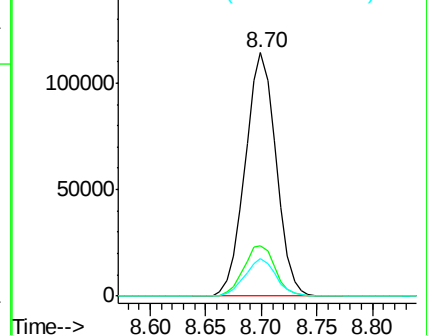
88 15.3 0.0 33.0

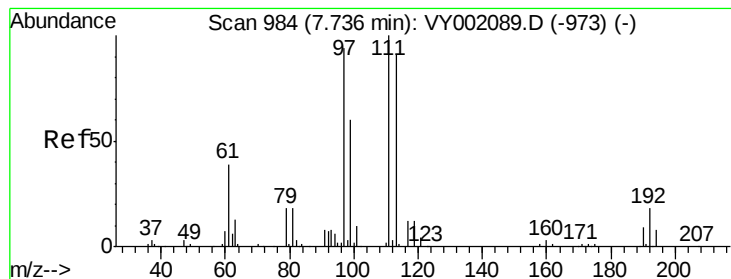


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 52.827 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002107.D

Acq: 27 Mar 2020 15:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-(1-3)

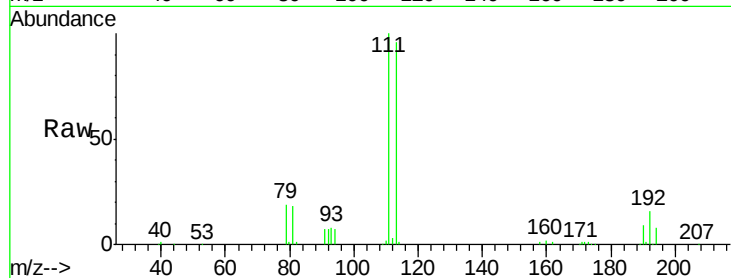
Tot Ion:113 Resp: 65194

Ion Ratio Lower Upper

113 100

111 102.2 84.4 126.6

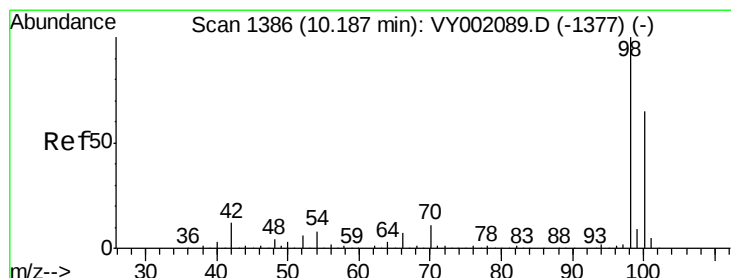
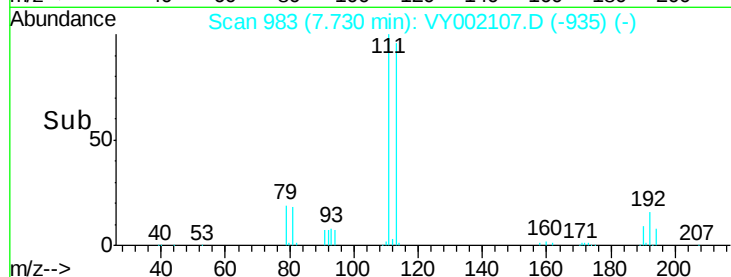
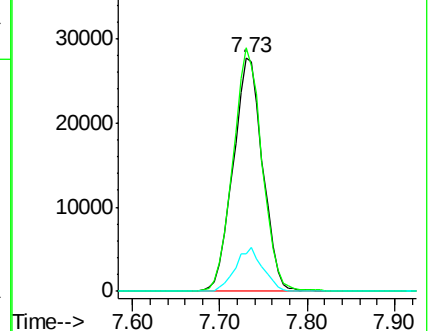
192 17.5 14.6 21.8



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: 52.065 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002107.D

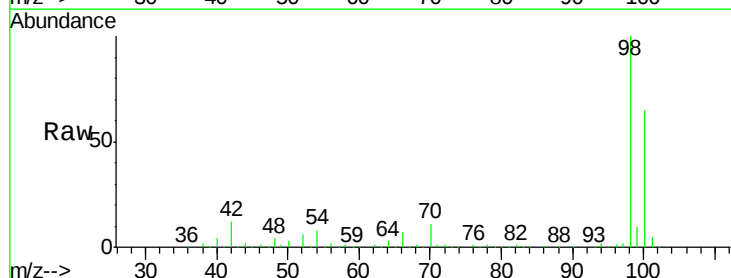
Acq: 27 Mar 2020 15:53

Tgt Ion: 98 Resp: 266926

Ion Ratio Lower Upper

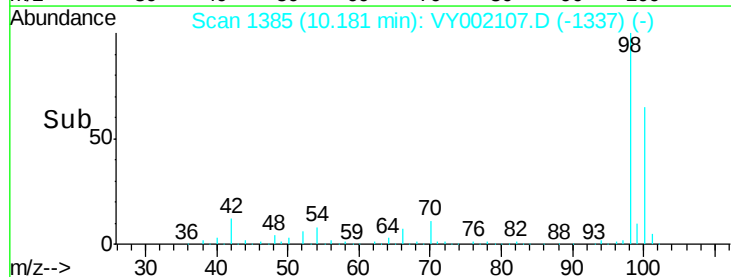
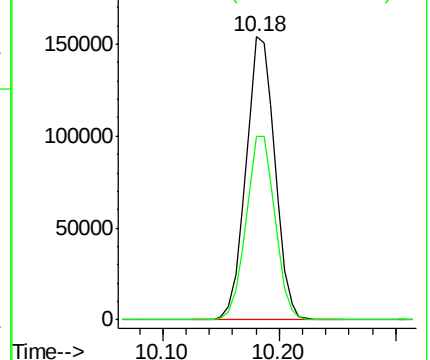
98 100

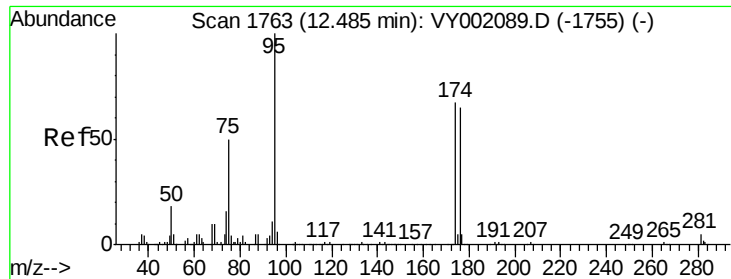
100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

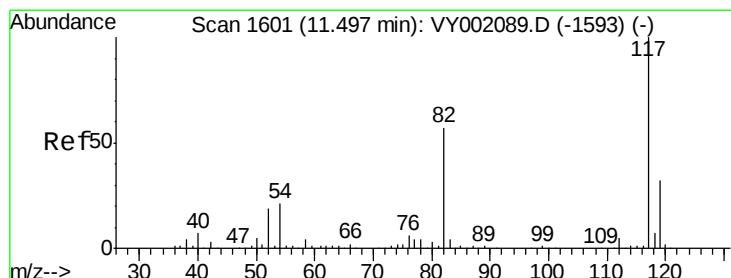
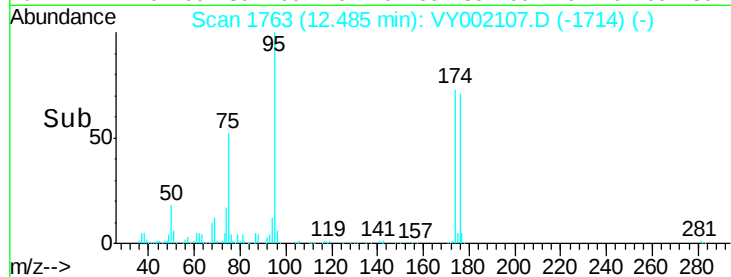
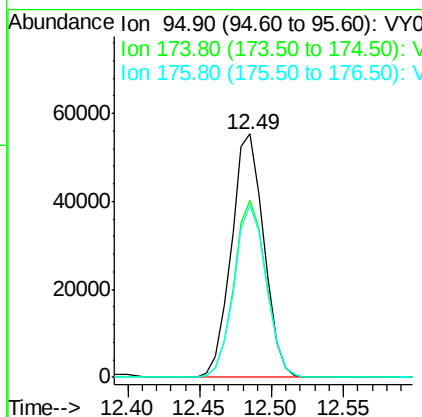
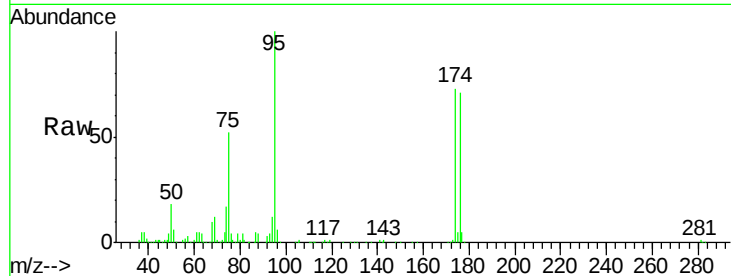




#62
4-Bromofluorobenzene
Concen: 48.537 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002107.D
Acq: 27 Mar 2020 15:53

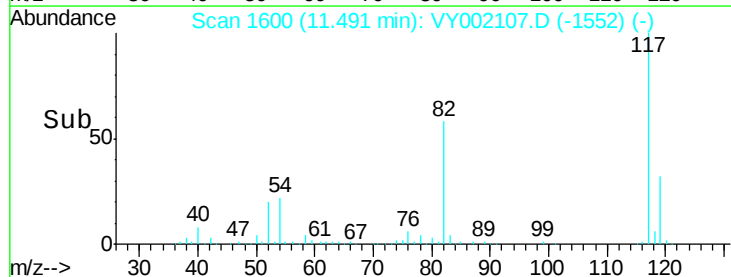
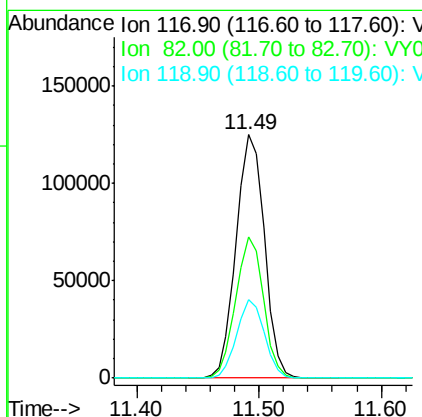
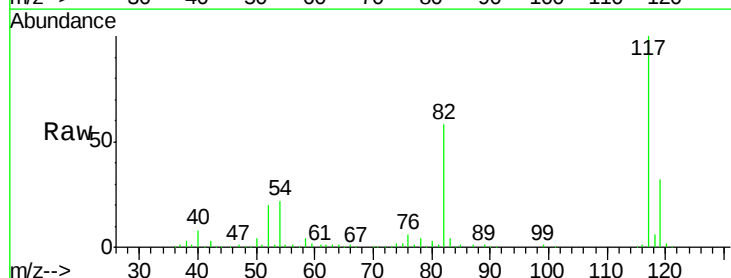
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(1-3)

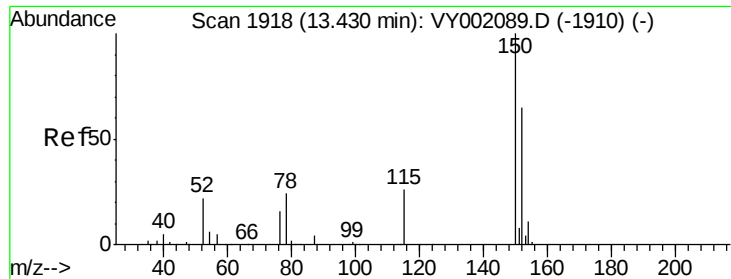
Tot Ion: 95 Resp: 87027
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.4
176 70.2 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002107.D
Acq: 27 Mar 2020 15:53

Tgt Ion: 117 Resp: 200309
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.2
119 32.0 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002107.D

Acq: 27 Mar 2020 15:53

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-(1-3)

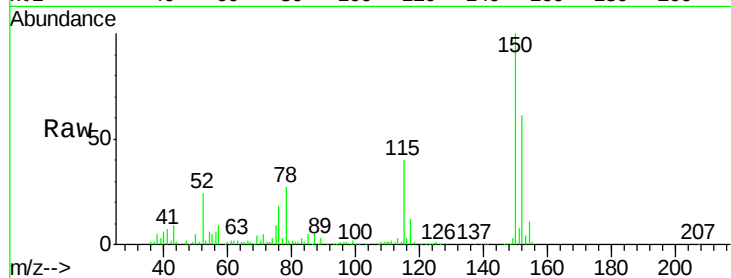
Tot Ion:152 Resp: 76736

Ion Ratio Lower Upper

152 100

115 62.5 31.2 93.6

150 160.5 0.0 354.8



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

