

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002137.D
 Acq On : 31 Mar 2020 16:44
 Operator : SY/MD
 Sample : L2054-03
 Misc : 7.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239-SB-04-1-2

Quant Time: Apr 01 06:13:53 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	7.82	168	121488	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	232194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	194757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	69242	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	75551	56.25	ug/l	0.00
Spiked Amount			Recovery	=	112.50%	
35) Dibromofluoromethane	7.75	113	70494	54.18	ug/l	0.01
Spiked Amount			Recovery	=	108.36%	
50) Toluene-d8	10.19	98	283452	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.49	95	76082	40.25	ug/l	0.00
Spiked Amount			Recovery	=	80.50%	

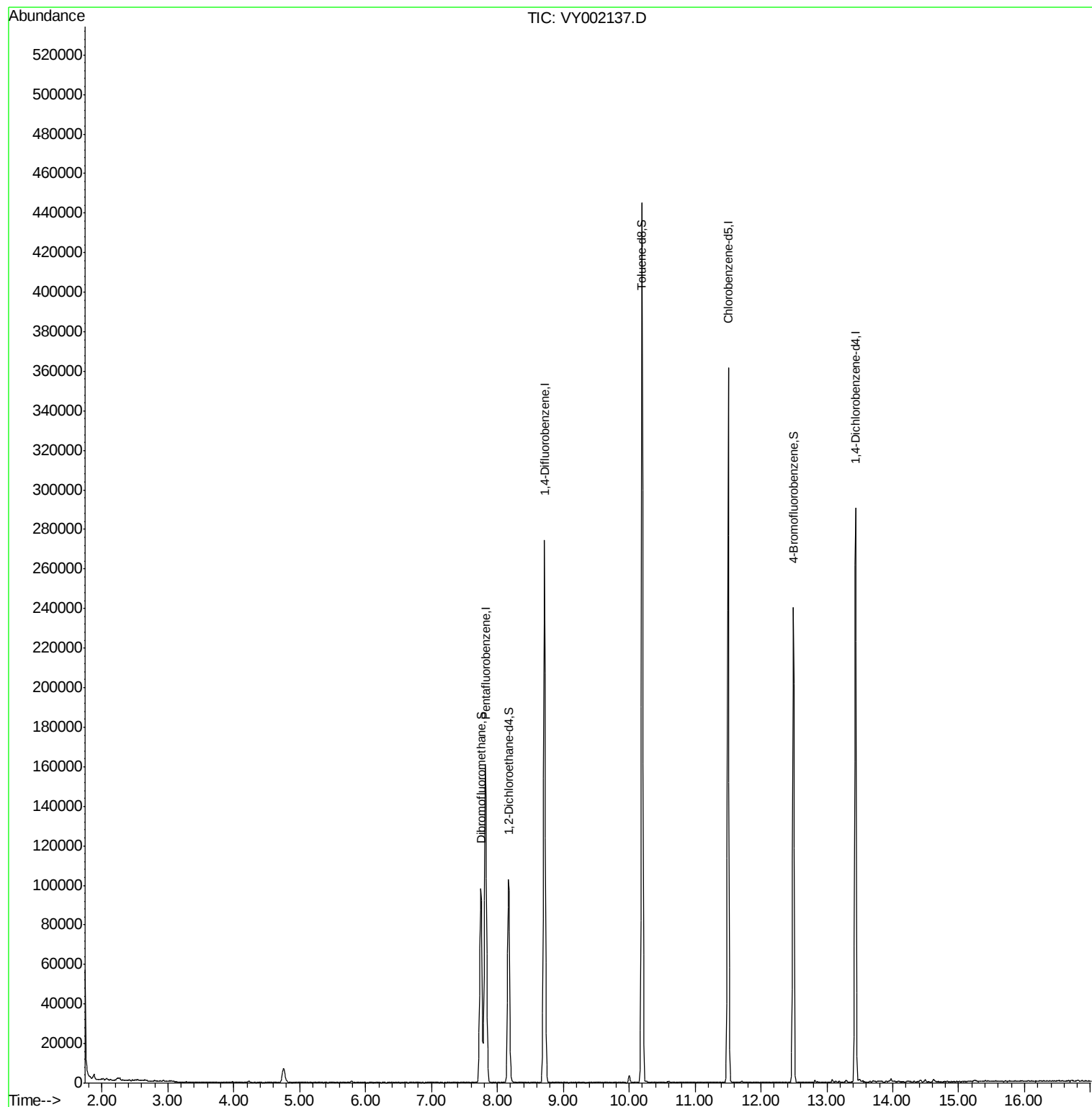
Target Compounds	Qvalue
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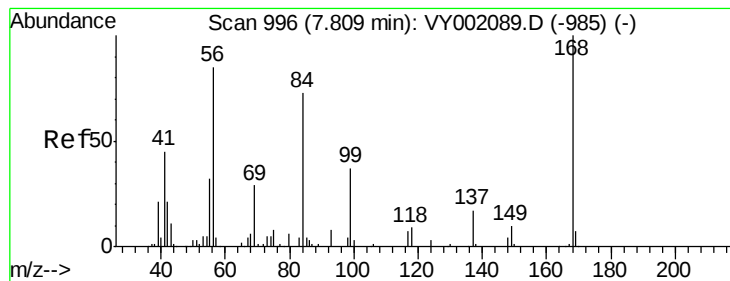
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
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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: VY002137.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_Y

ClientSampleId :

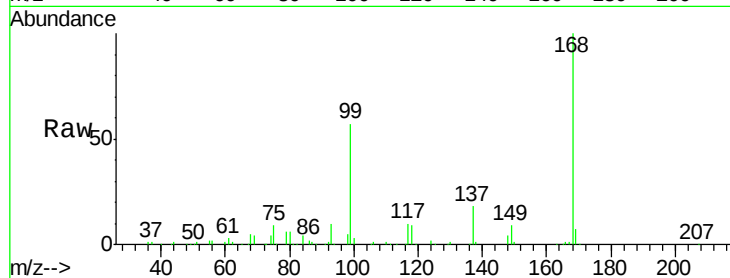
239-SB-04-1-2

Tot Ion:168 Resp: 121488

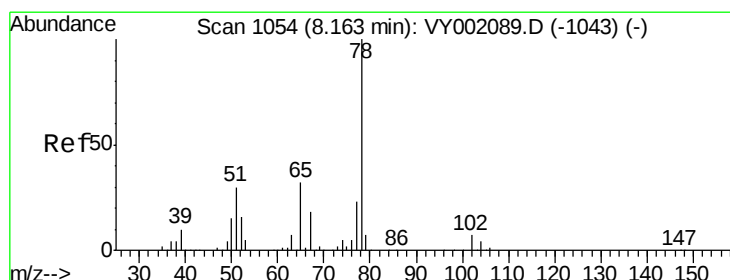
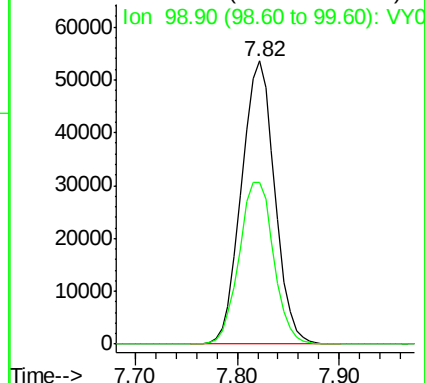
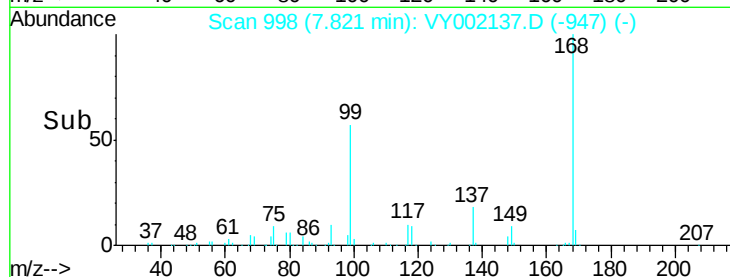
Ion Ratio Lower Upper

168 100

99 57.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002137.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.255 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002137.D

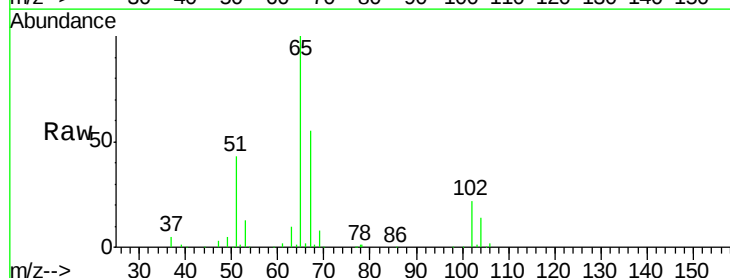
Acq: 31 Mar 2020 16:44

Tgt Ion: 65 Resp: 75551

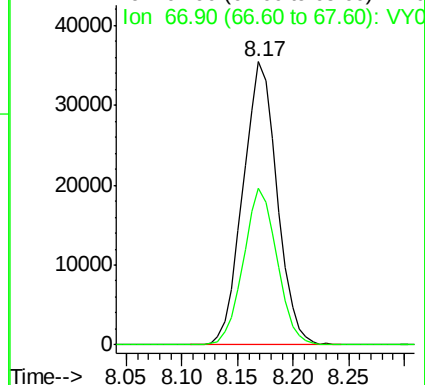
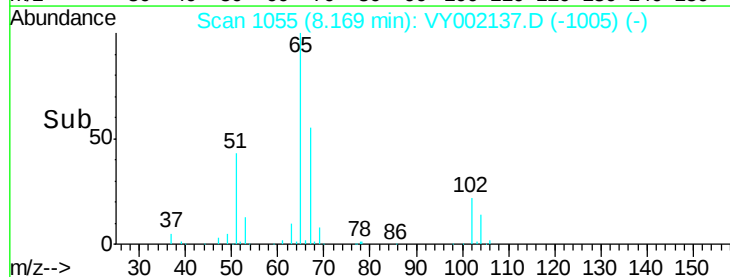
Ion Ratio Lower Upper

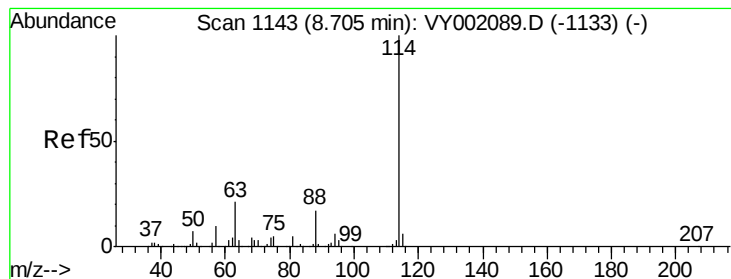
65 100

67 54.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002137.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_Y

ClientSampleId :

239-SB-04-1-2

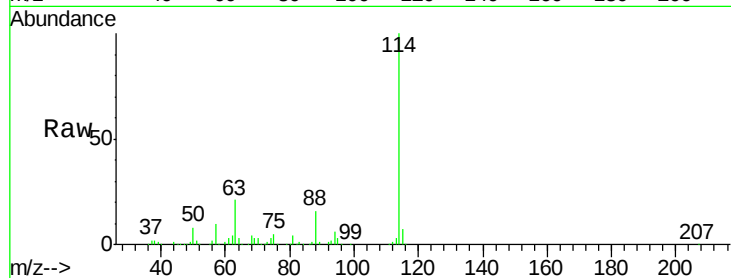
Tot Ion:114 Resp: 232194

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

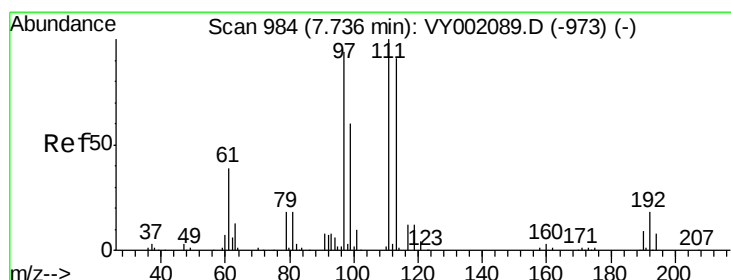
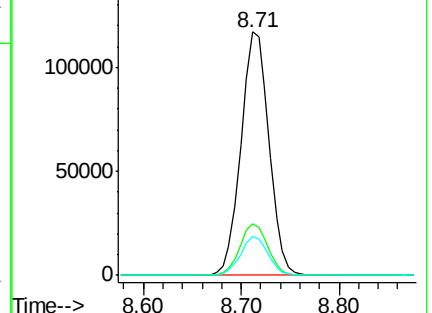
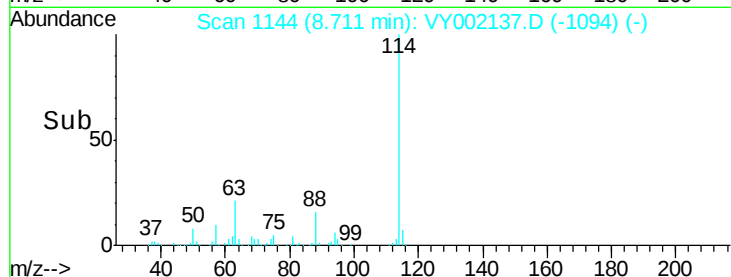
88 16.1 0.0 33.0



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: 54.184 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

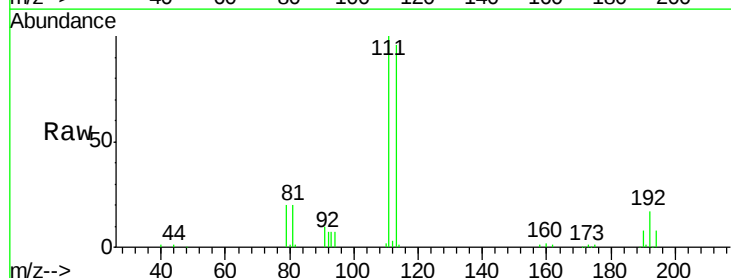
Tgt Ion:113 Resp: 70494

Ion Ratio Lower Upper

113 100

111 102.4 84.4 126.6

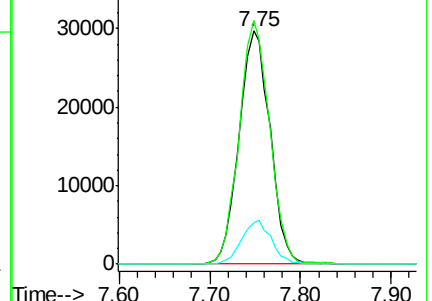
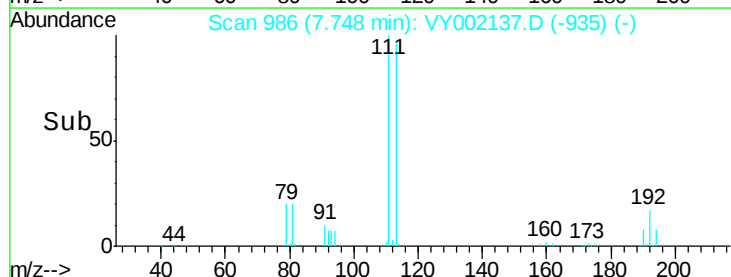
192 17.9 14.6 21.8

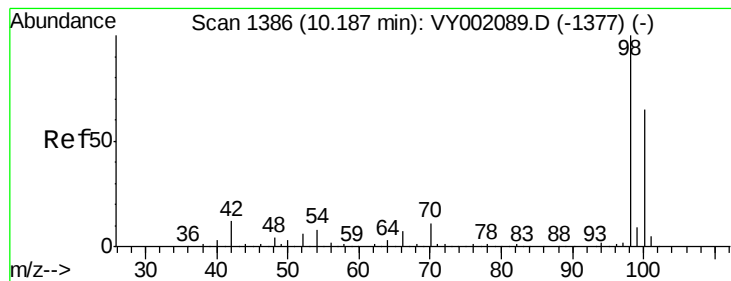


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.445 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

Instrument :

MSVOA_Y

ClientSampleId :

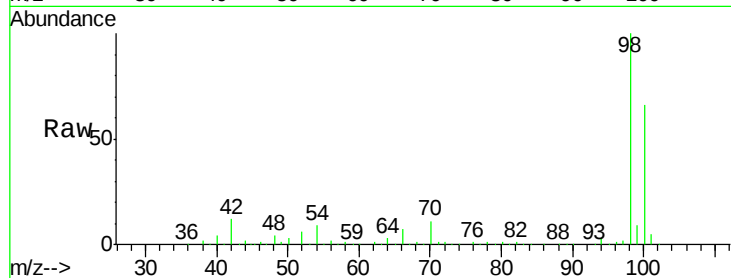
239-SB-04-1-2

Tot Ion: 98 Resp: 283452

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

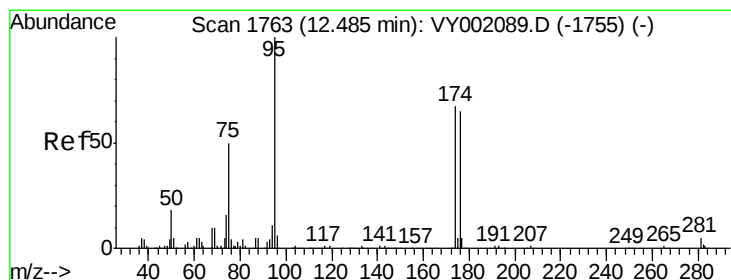
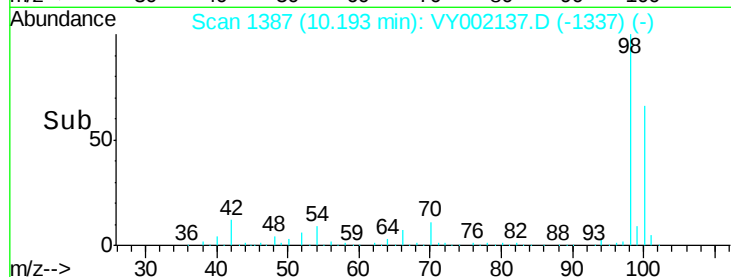
150000

100000

50000

0

Time--> 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 40.250 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002137.D

Acq: 31 Mar 2020 16:44

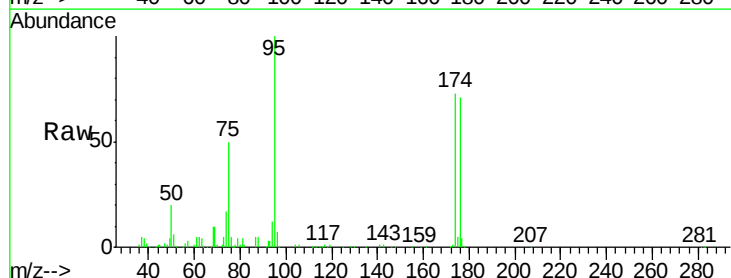
Tgt Ion: 95 Resp: 76082

Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.4

176 71.6 0.0 137.0



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

12.49

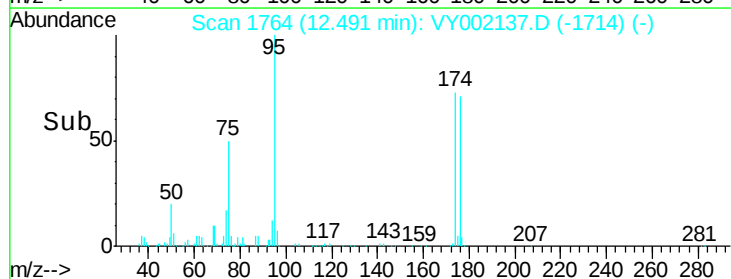
60000

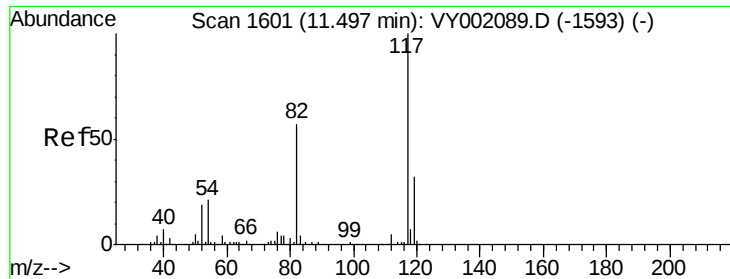
40000

20000

0

Time--> 12.40 12.45 12.50 12.55

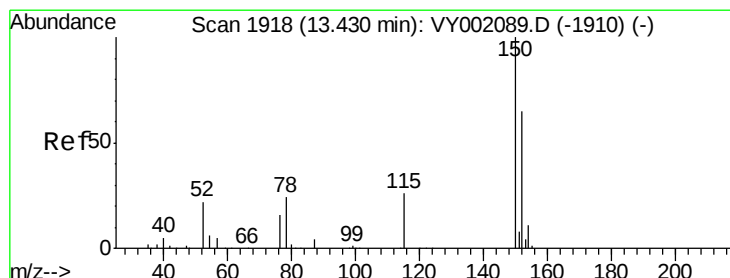
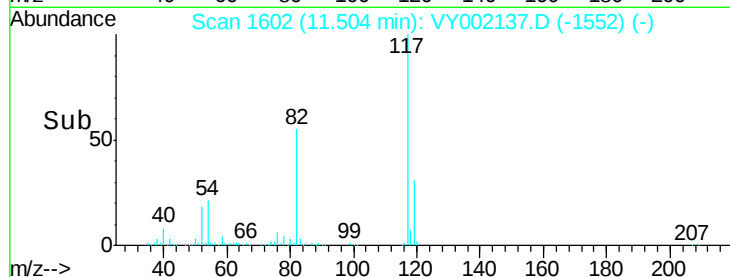
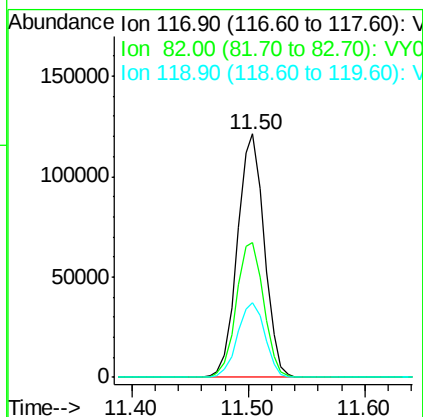
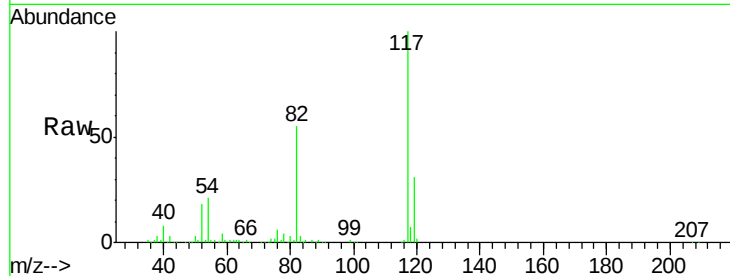




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002137.D
Acq: 31 Mar 2020 16:44

Instrument :
MSVOA_Y
ClientSampleId :
239-SB-04-1-2

Tot Ion:117 Resp: 194757
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 30.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002137.D
Acq: 31 Mar 2020 16:44

Tgt Ion:152 Resp: 69242
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 157.0 0.0 354.8

