

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001345.D
 Acq On : 23 Jan 2020 11:48
 Operator : SY/MD
 Sample : VY0123SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBL01

Quant Time: Jan 24 07:23:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	168866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	309775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	282085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	133353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	103295	56.22	ug/l	0.00
Spiked Amount						
			Recovery	=	112.44%	
35) Dibromofluoromethane	7.75	113	92434	50.84	ug/l	0.00
Spiked Amount						
			Recovery	=	101.68%	
50) Toluene-d8	10.19	98	365086	51.68	ug/l	0.00
Spiked Amount						
			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.48	95	135832	48.29	ug/l	0.00
Spiked Amount						
			Recovery	=	96.58%	

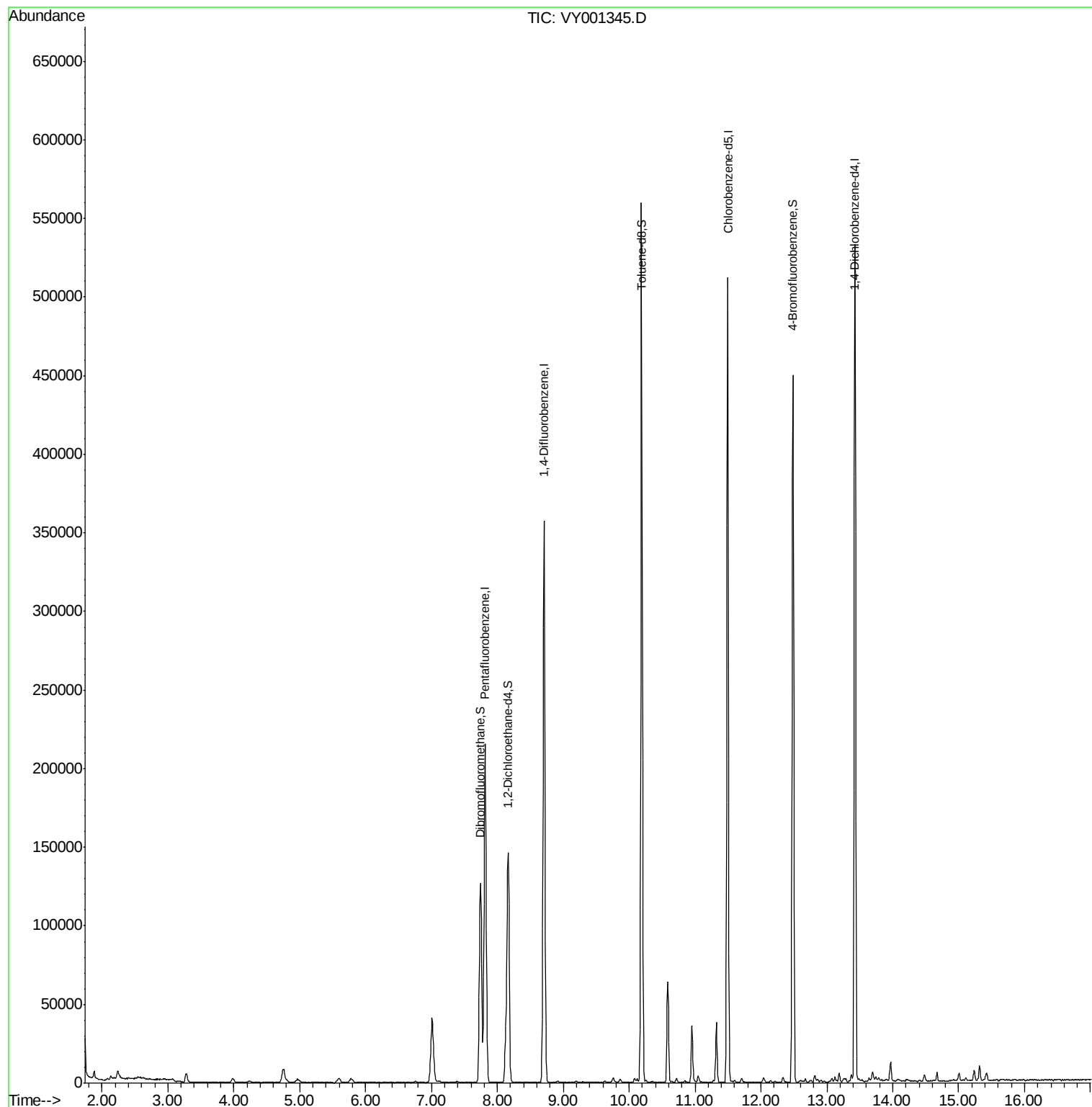
Target Compounds	Qvalue
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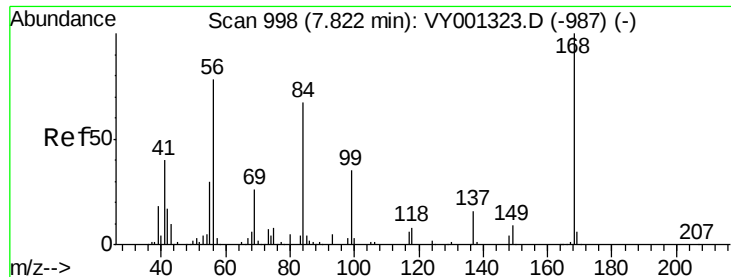
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001345.D

Acq: 23 Jan 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

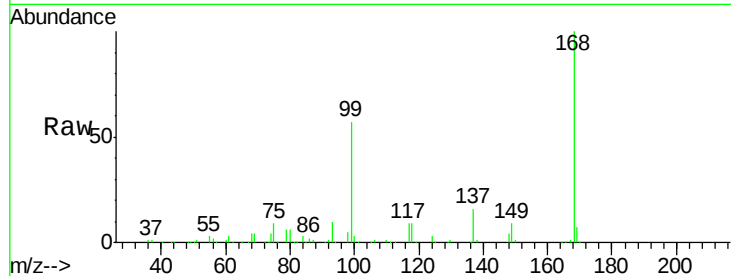
VY0123SBL01

Tot Ion:168 Resp: 168866

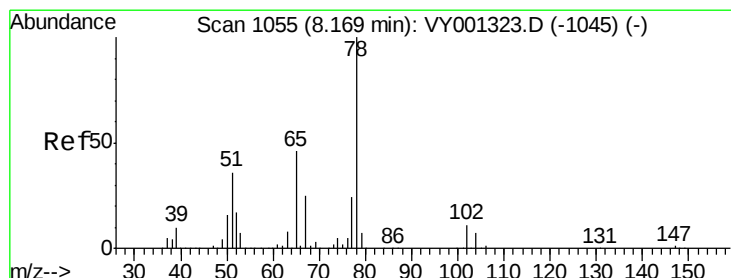
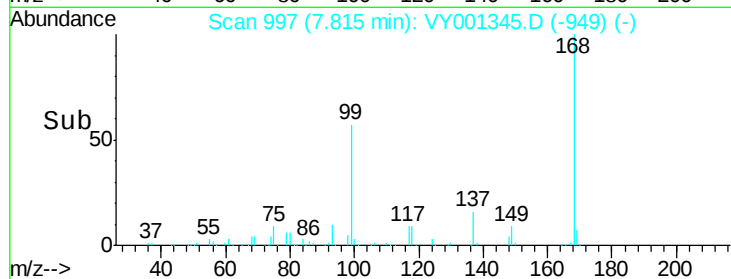
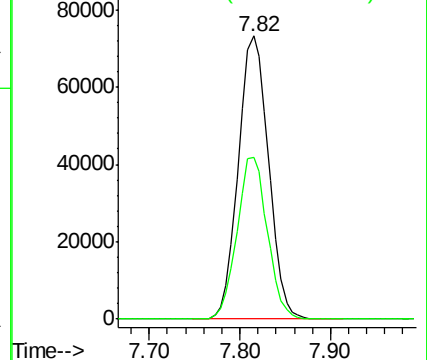
Ion Ratio Lower Upper

168 100

99 57.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.215 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001345.D

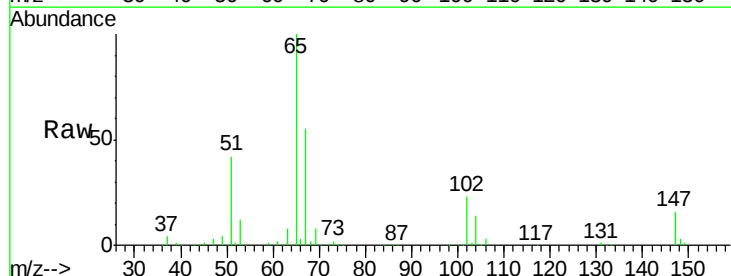
Acq: 23 Jan 2020 11:48

Tgt Ion: 65 Resp: 103295

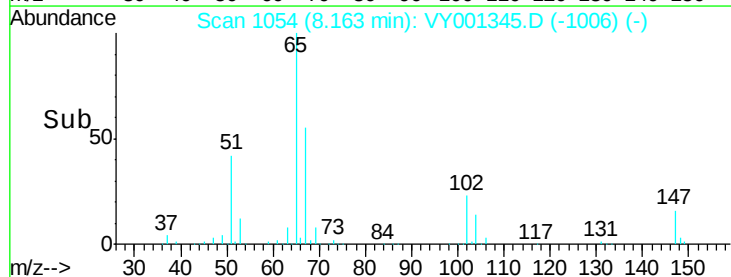
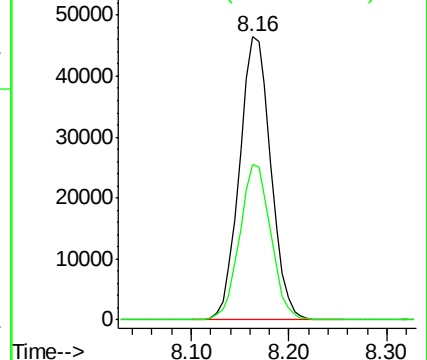
Ion Ratio Lower Upper

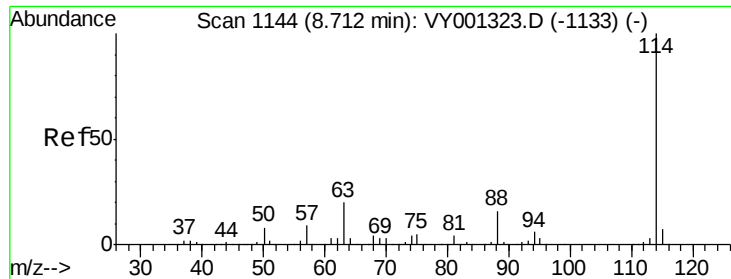
65 100

67 54.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001323.D (-1045) (-)

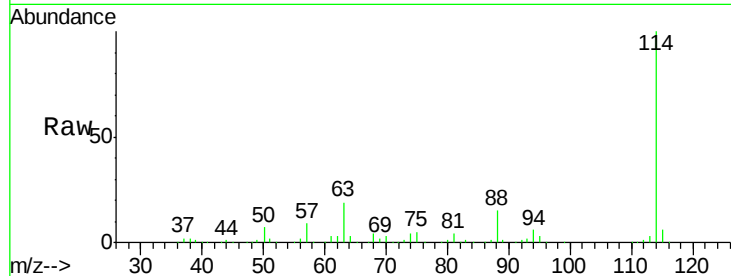




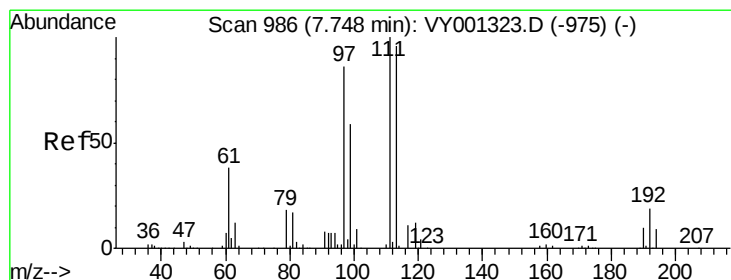
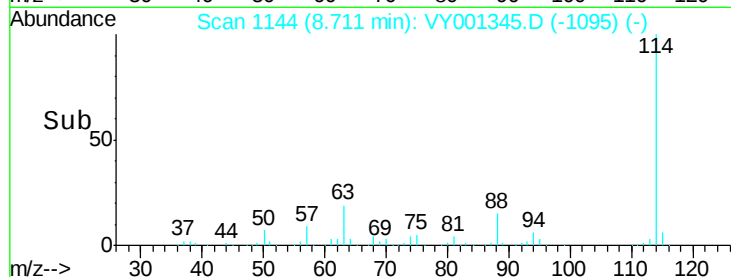
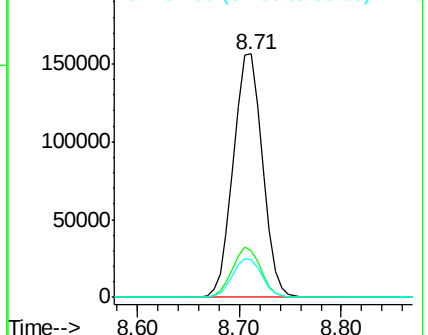
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001345.D
 Acq: 23 Jan 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0123SBL01

Tot Ion:114 Resp: 309775
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.8
 88 15.3 0.0 31.0

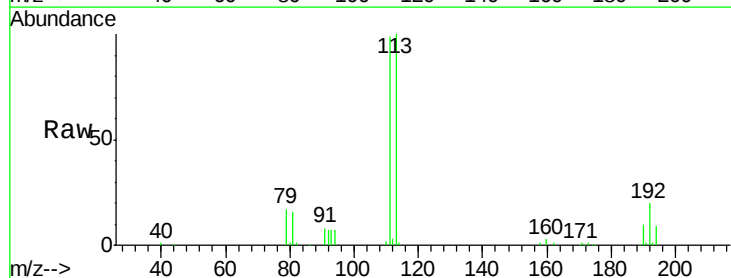


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

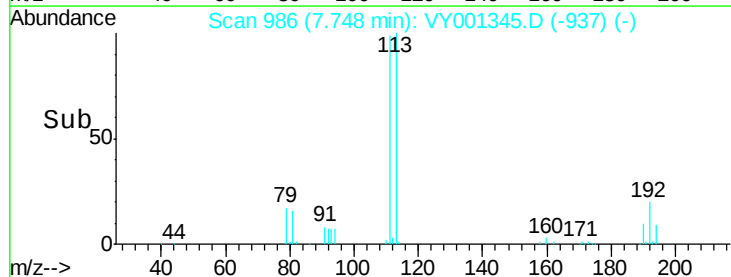
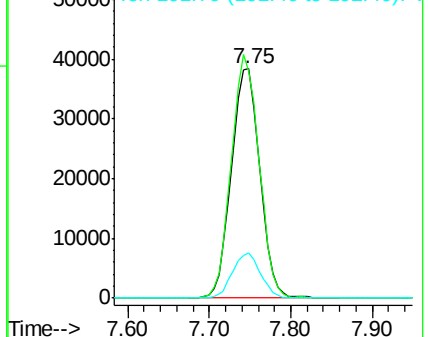


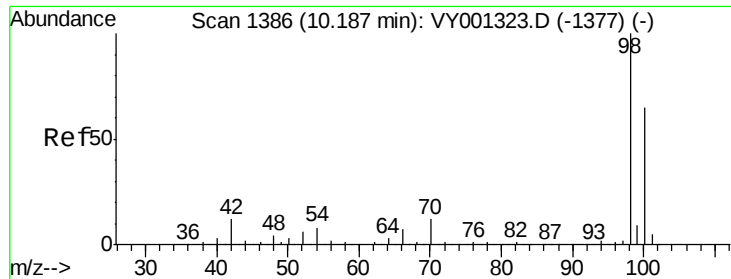
#35
 Dibromofluoromethane
 Concen: 50.841 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001345.D
 Acq: 23 Jan 2020 11:48

Tgt Ion:113 Resp: 92434
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 19.3 15.5 23.3



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: 51.685 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001345.D

Acq: 23 Jan 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

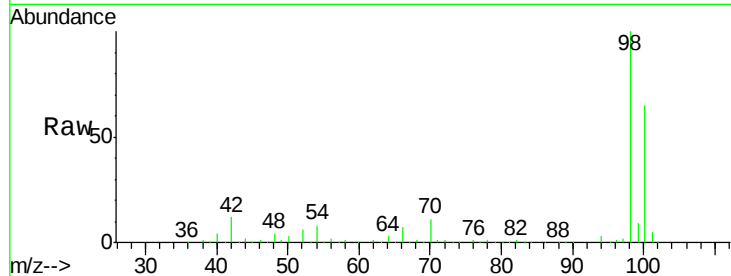
VY0123SBL01

Tot Ion: 98 Resp: 365086

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

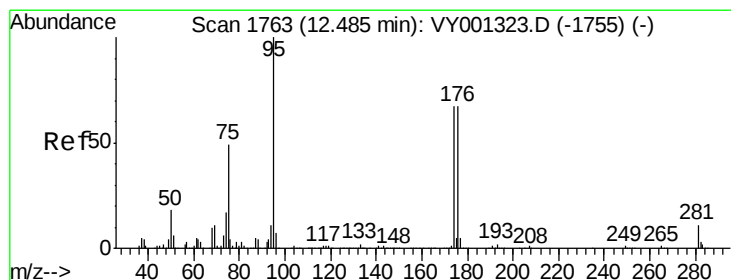
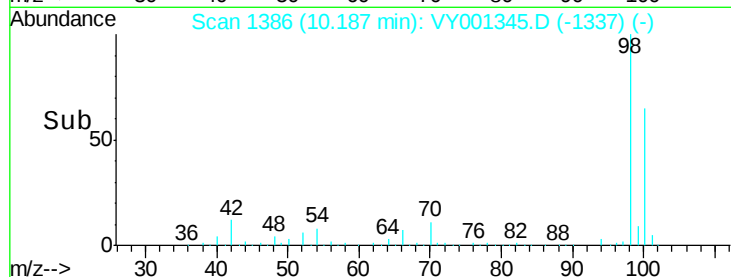
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 48.287 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001345.D

Acq: 23 Jan 2020 11:48

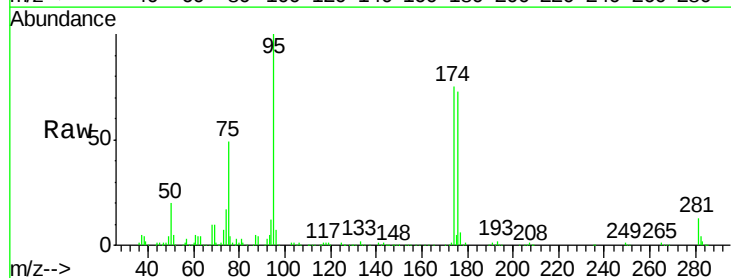
Tgt Ion: 95 Resp: 135832

Ion Ratio Lower Upper

95 100

174 75.1 0.0 142.0

176 72.4 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

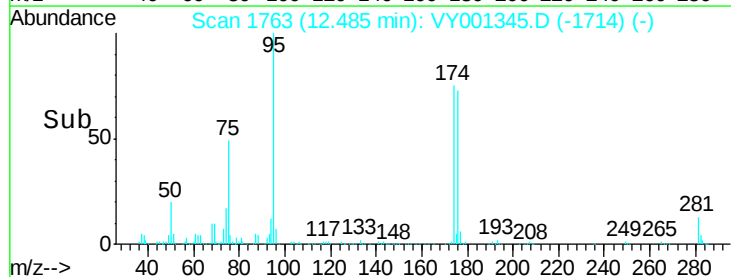
40000

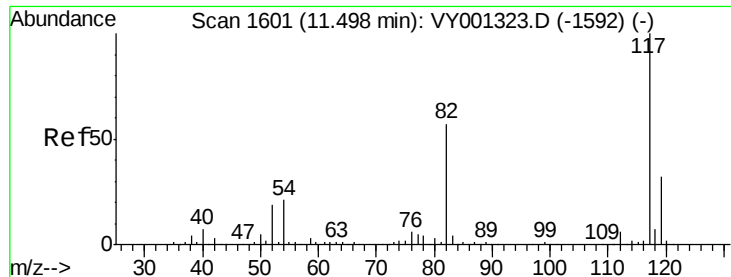
20000

0

12.40 12.45 12.50 12.55

Time-->

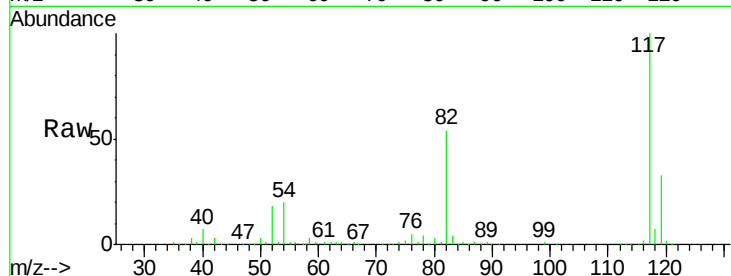




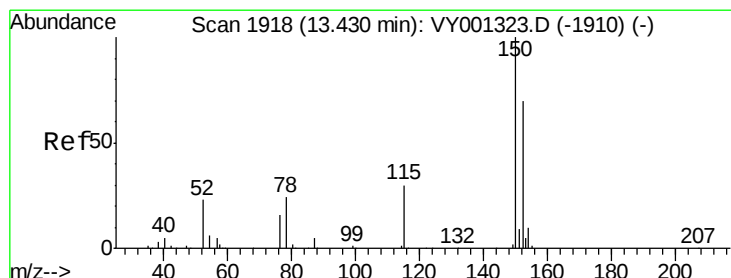
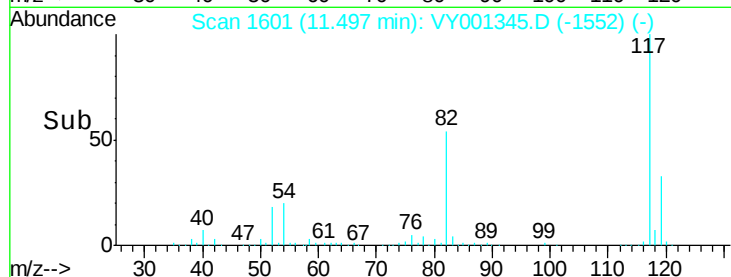
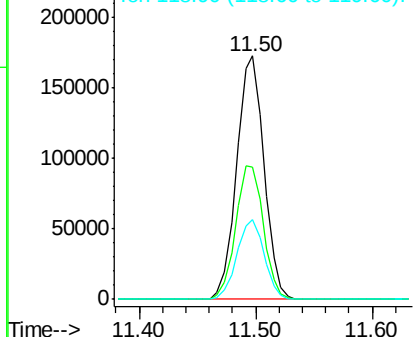
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001345.D
Acq: 23 Jan 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VY0123SBL01

Tot Ion:117 Resp: 282085
Ion Ratio Lower Upper
117 100
82 54.4 45.5 68.3
119 32.8 25.8 38.6

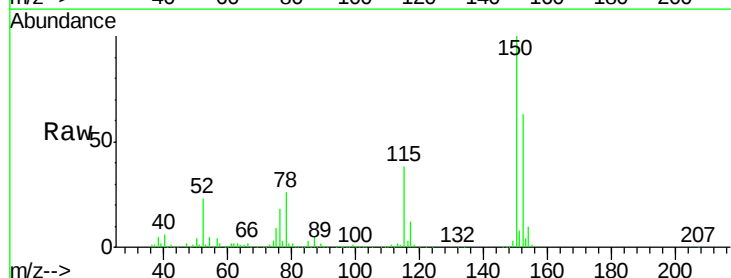


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001345.D
Acq: 23 Jan 2020 11:48

Tgt Ion:152 Resp: 133353
Ion Ratio Lower Upper
152 100
115 60.4 30.9 92.8
150 157.0 0.0 349.2



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

