

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002101.D
 Acq On : 27 Mar 2020 13:39
 Operator : SY/MD
 Sample : L2017-01
 Misc : 6.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FE-SB-32-(8.5-9)

Quant Time: Mar 30 04:06:23 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	124795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	244190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	226826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	100350	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	78869	57.17	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	114.34%	
35) Dibromofluoromethane	7.73	113	71198	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	10.18	98	295290	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.48	95	102806	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

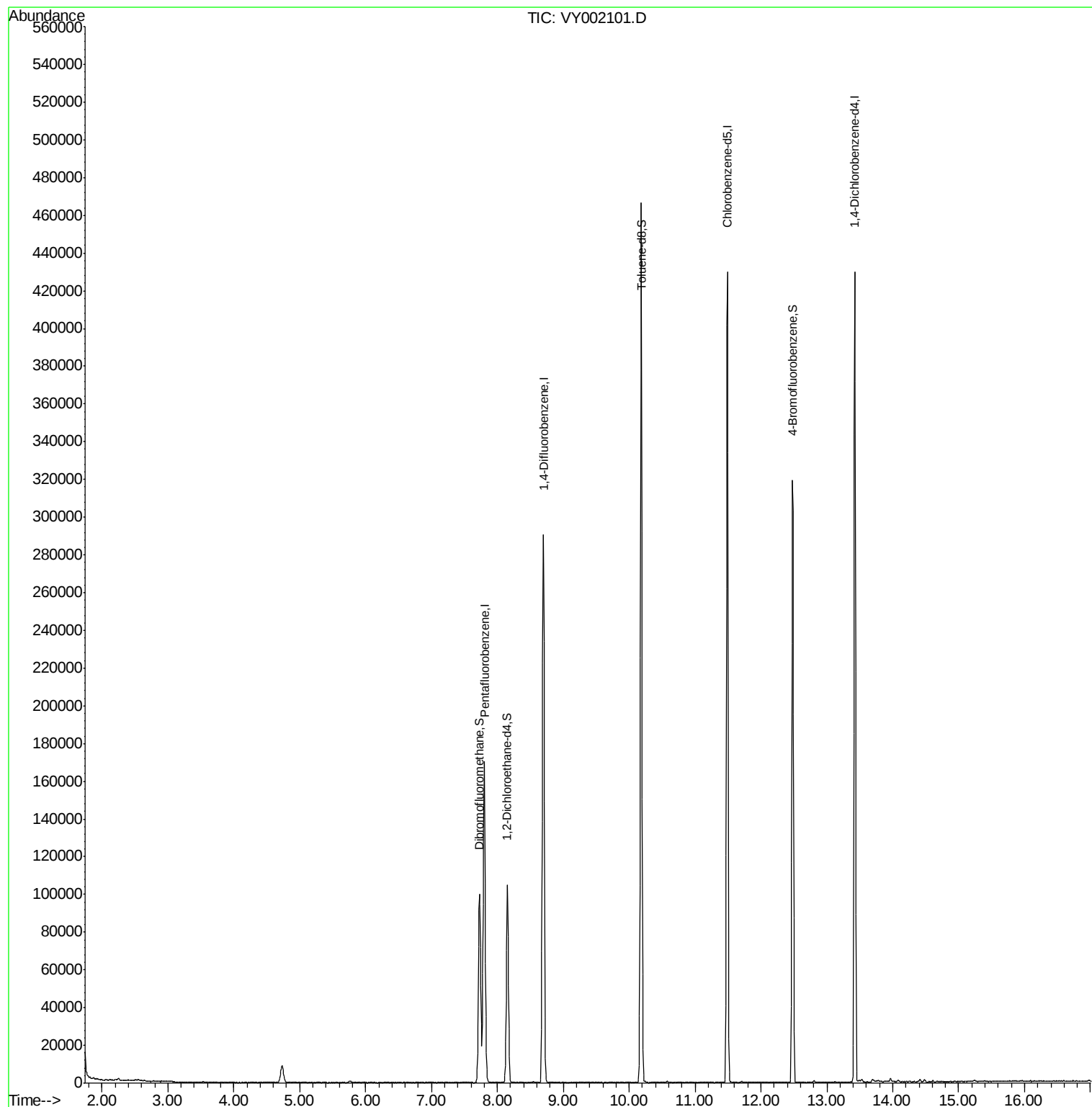
Target Compounds	Qvalue

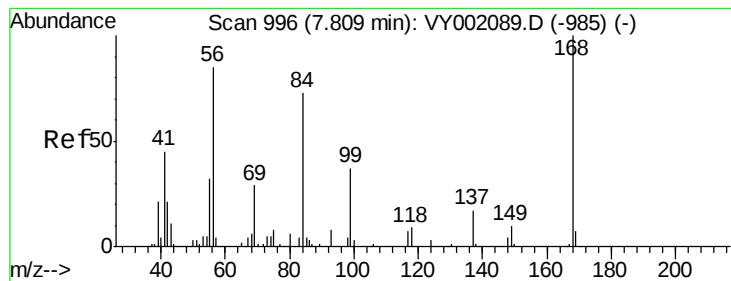
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002101.D

Acq: 27 Mar 2020 13:39

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ClientSampleId :

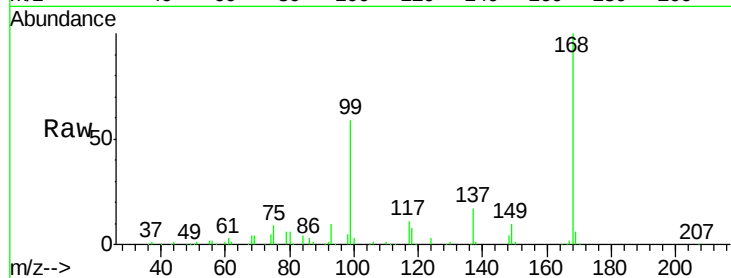
FE-SB-32-(8.5-9)

Tot Ion:168 Resp: 124795

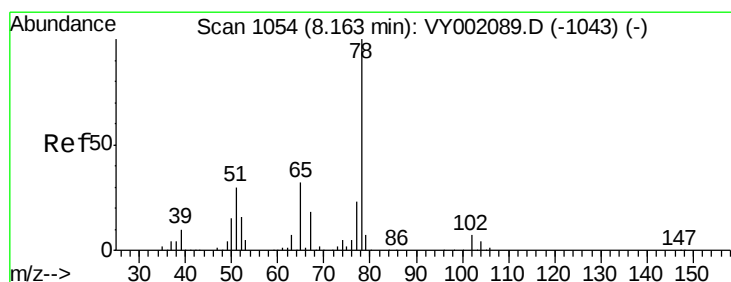
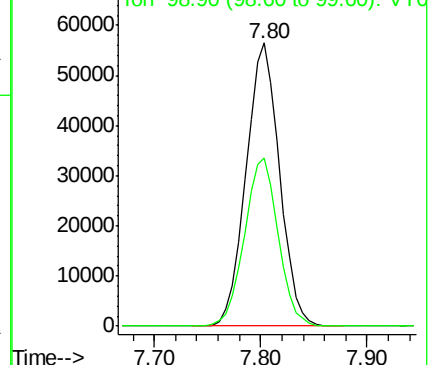
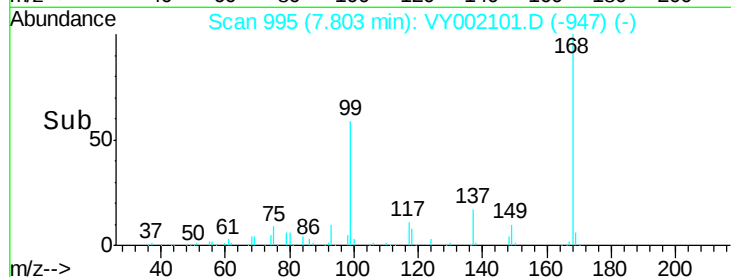
Ion Ratio Lower Upper

168 100

99 59.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002101.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.169 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002101.D

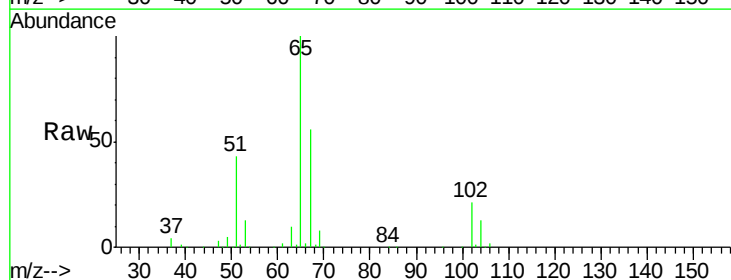
Acq: 27 Mar 2020 13:39

Tgt Ion: 65 Resp: 78869

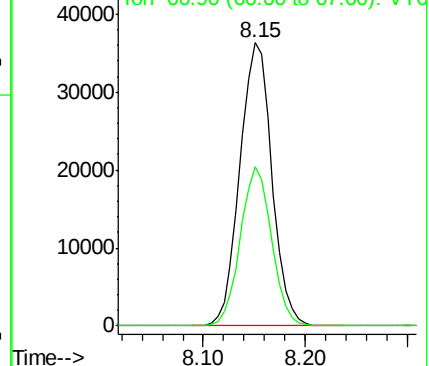
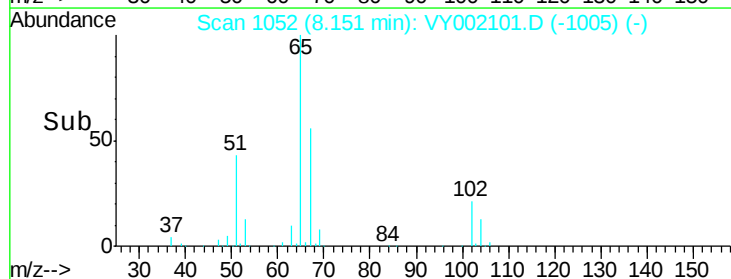
Ion Ratio Lower Upper

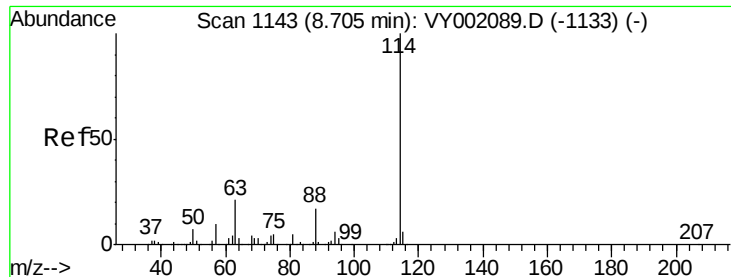
65 100

67 54.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002101.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002101.D

Acq: 27 Mar 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

FE-SB-32-(8.5-9)

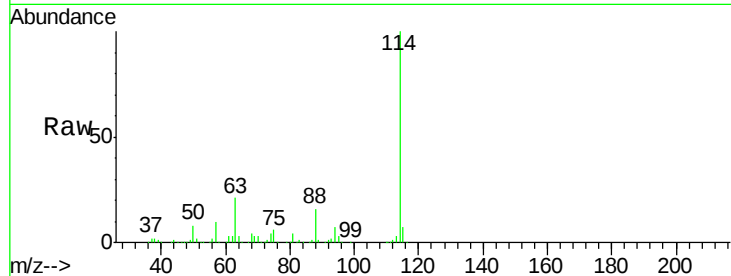
Tot Ion:114 Resp: 244190

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.4

88 16.0 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

150000

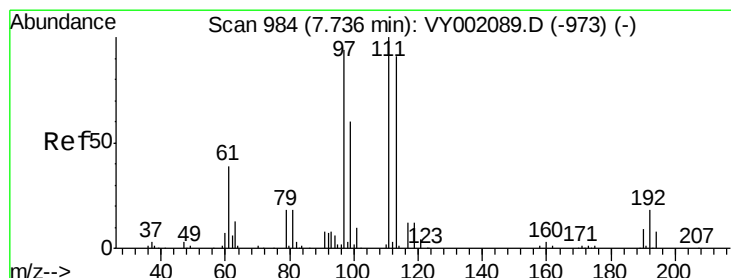
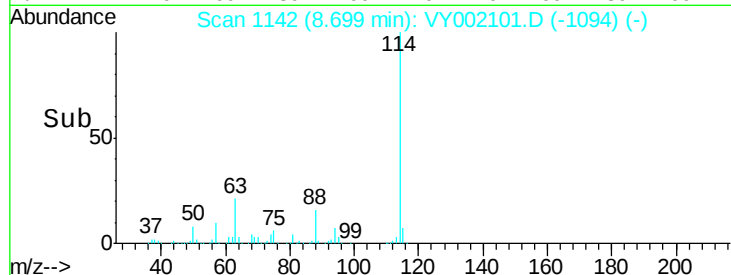
100000

50000

0

8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 52.036 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002101.D

Acq: 27 Mar 2020 13:39

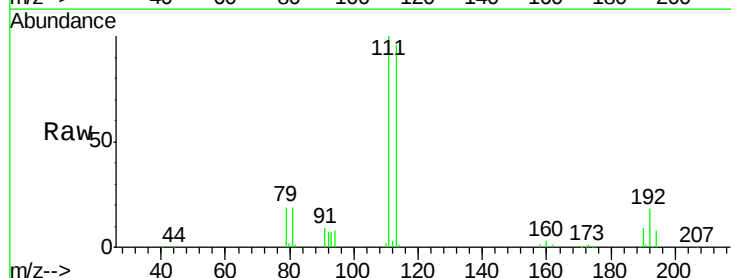
Tgt Ion:113 Resp: 71198

Ion Ratio Lower Upper

113 100

111 104.5 84.4 126.6

192 18.2 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

40000

30000

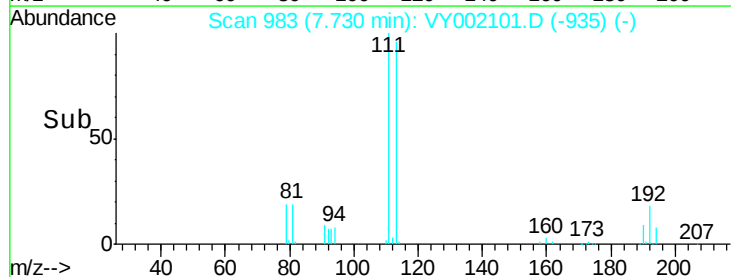
20000

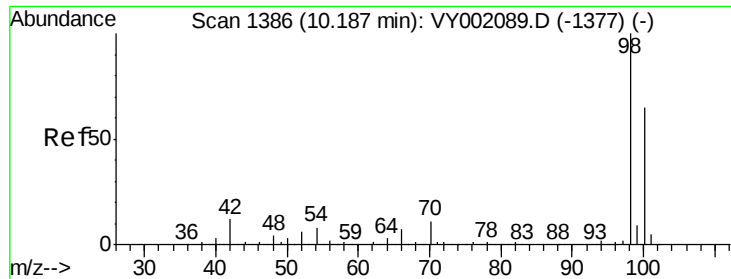
10000

0

7.60 7.65 7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 51.951 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002101.D

Acq: 27 Mar 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

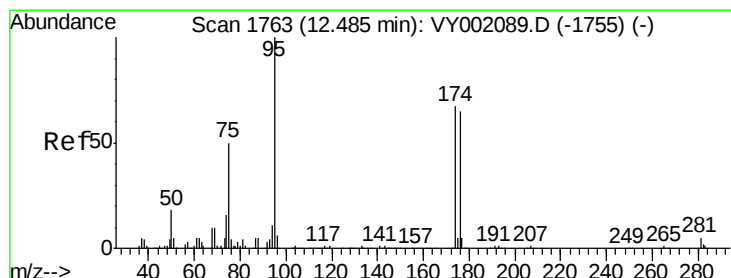
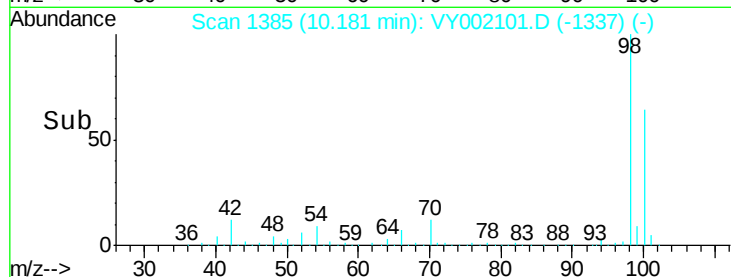
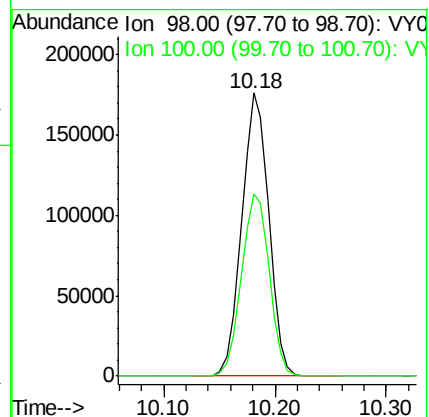
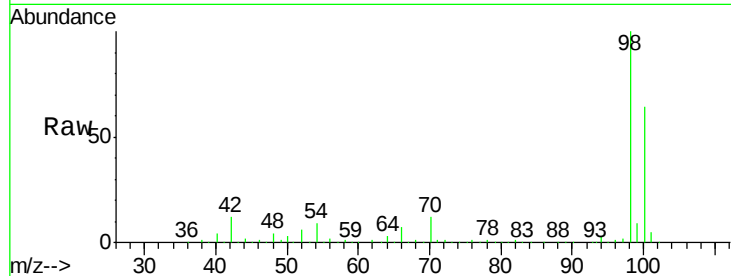
FE-SB-32-(8.5-9)

Tot Ion: 98 Resp: 295290

Ion Ratio Lower Upper

98 100

100 66.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 51.717 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002101.D

Acq: 27 Mar 2020 13:39

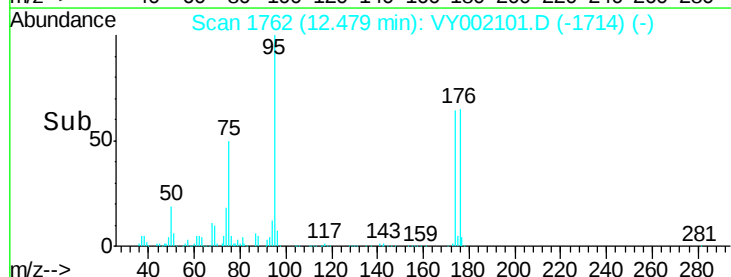
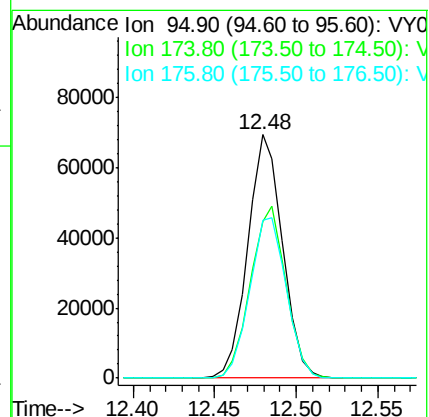
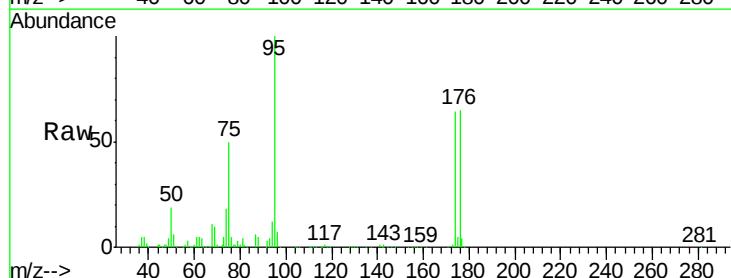
Tgt Ion: 95 Resp: 102806

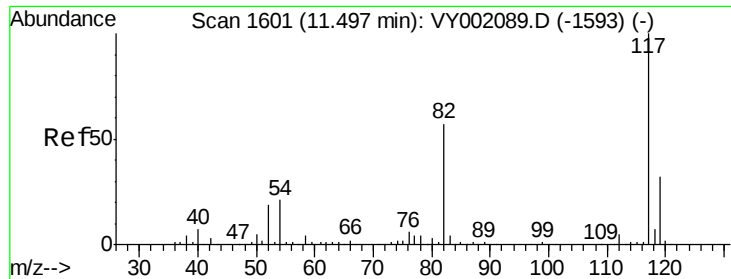
Ion Ratio Lower Upper

95 100

174 71.9 0.0 143.4

176 69.6 0.0 137.0

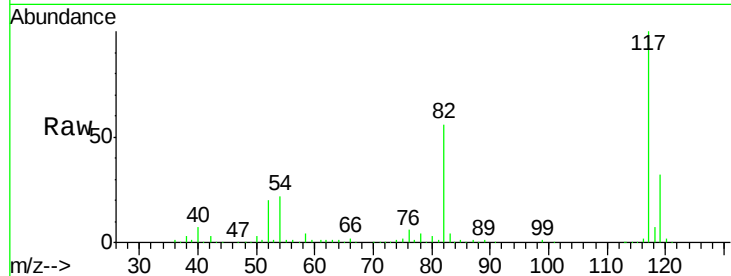




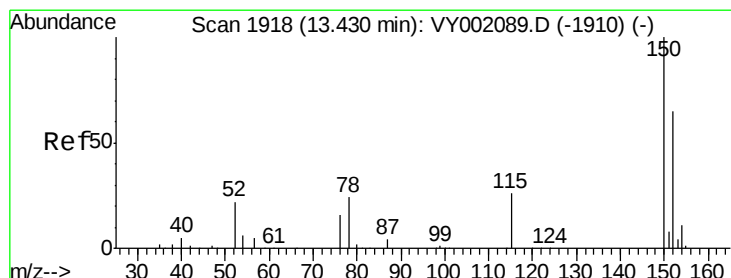
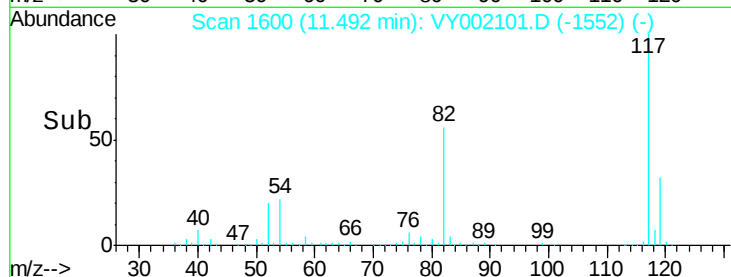
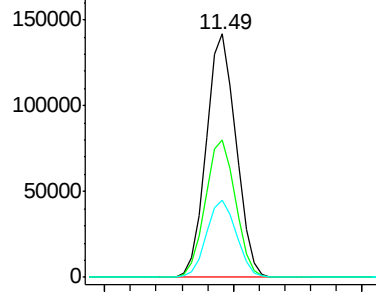
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002101.D
Acq: 27 Mar 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
FE-SB-32-(8.5-9)

Tot Ion:117 Resp: 226826
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.6 25.3 37.9

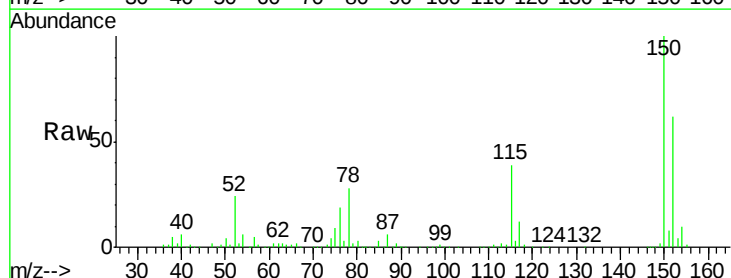


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002101.D
Acq: 27 Mar 2020 13:39

Tgt Ion:152 Resp: 100350
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 157.1 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

