

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030320\
 Data File : VY001837.D
 Acq On : 03 Mar 2020 16:04
 Operator : SY/MD
 Sample : L1772-01
 Misc : 5.41G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-9

Quant Time: Mar 04 04:18:35 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	145347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281543	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	254193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	111714	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	92239	59.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.00%	
35) Dibromofluoromethane	7.74	113	83521	51.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.58%	
50) Toluene-d8	10.19	98	343783	54.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.84%	
62) 4-Bromofluorobenzene	12.49	95	115962	47.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.50%	

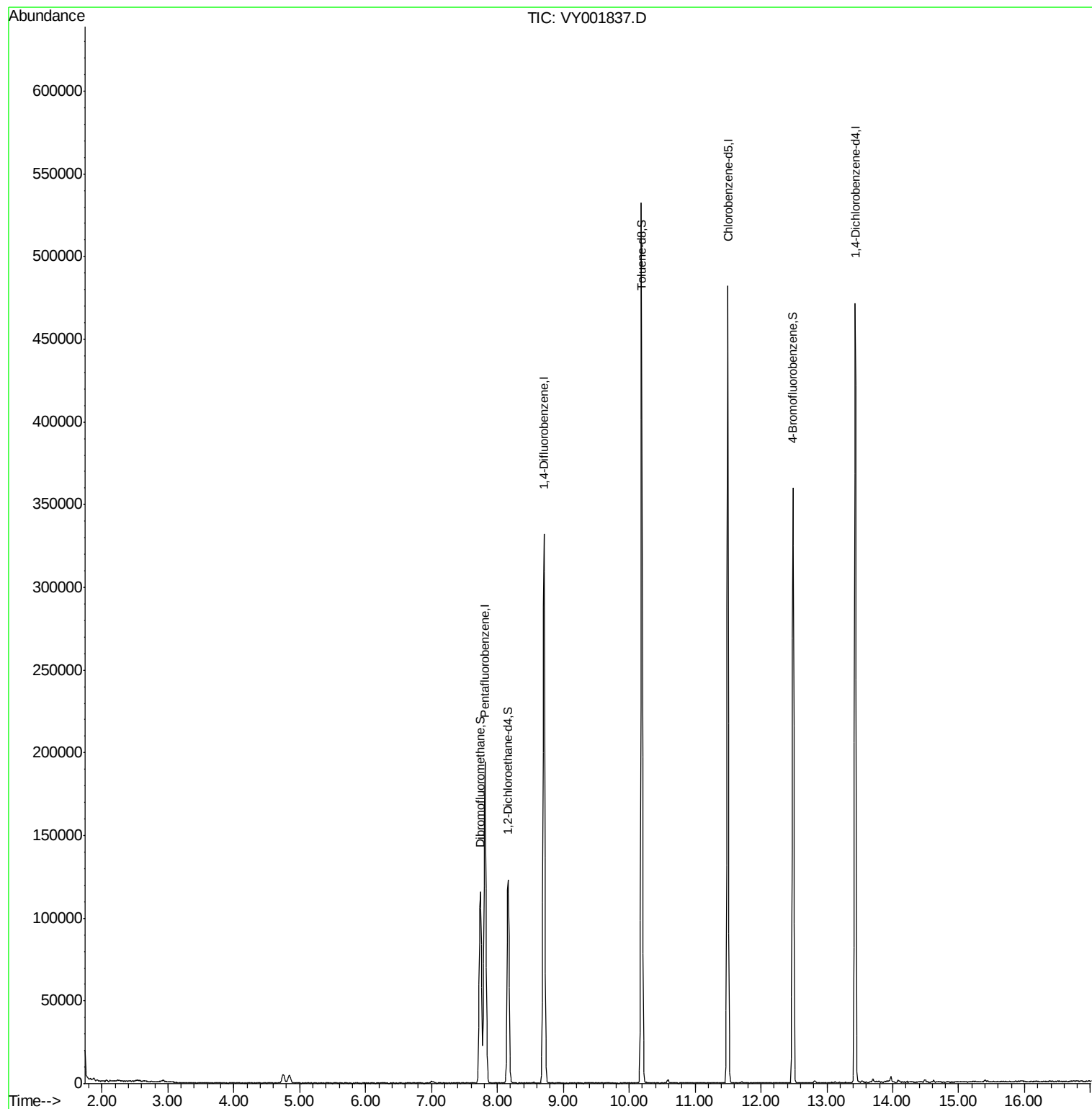
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Instrument :

MSVOA_Y

ClientSampled :

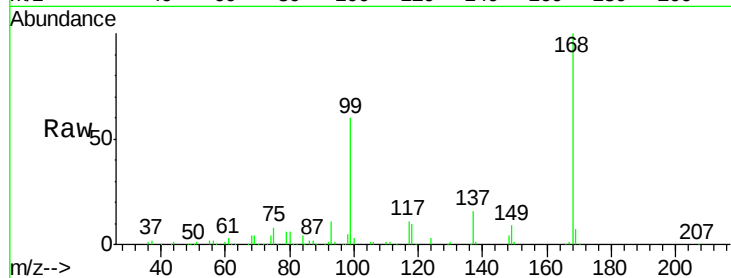
EP-9

Tot Ion:168 Resp: 145347

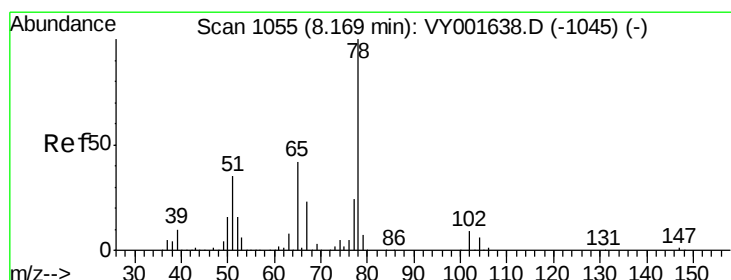
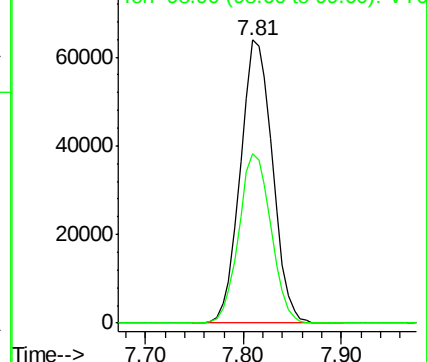
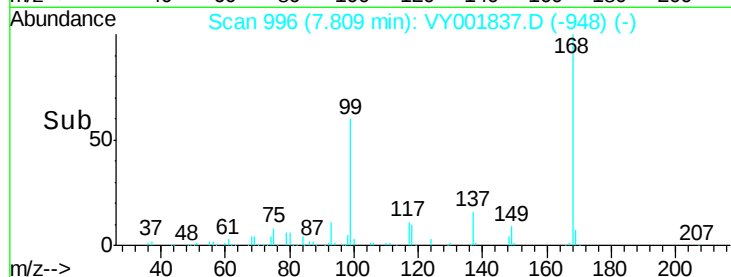
Ion Ratio Lower Upper

168 100

99 59.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001837.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.998 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001837.D

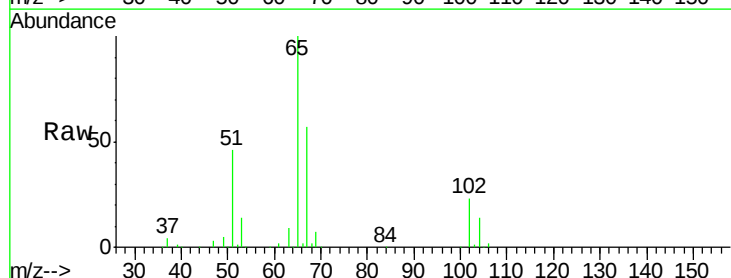
Acq: 03 Mar 2020 16:04

Tgt Ion: 65 Resp: 92239

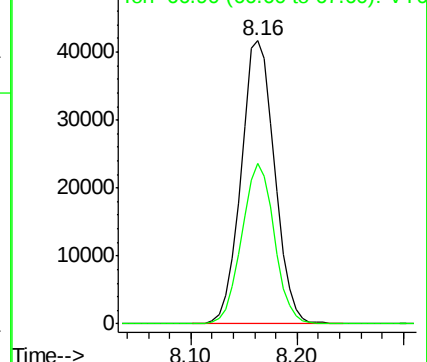
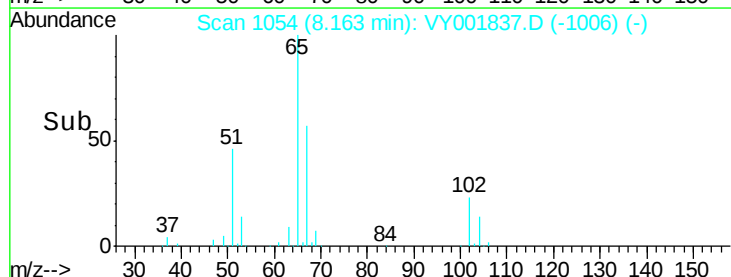
Ion Ratio Lower Upper

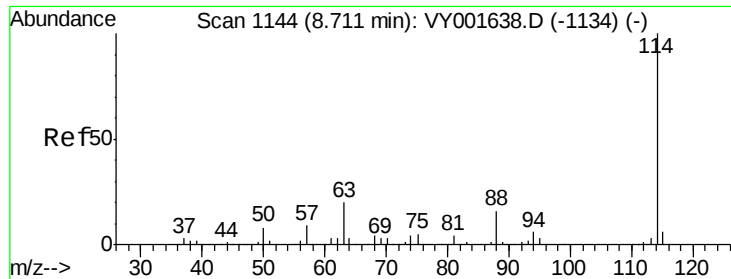
65 100

67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001837.D (-1006) (-)

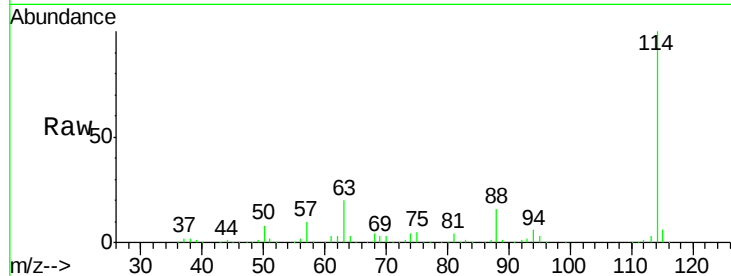




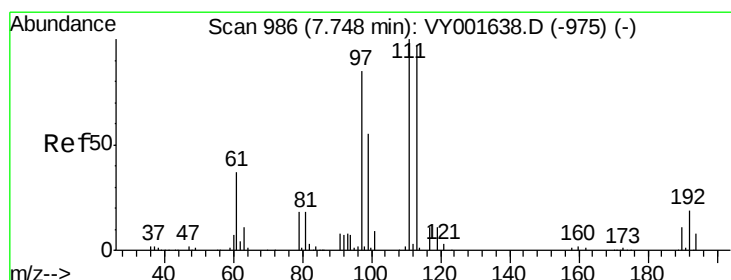
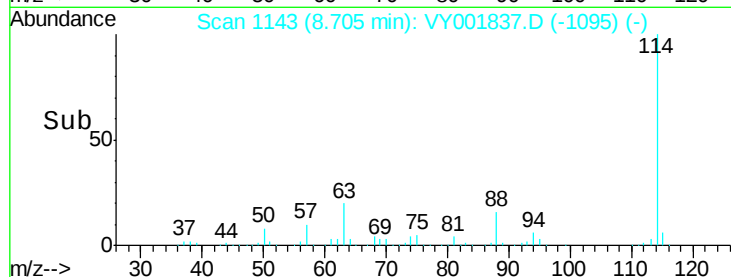
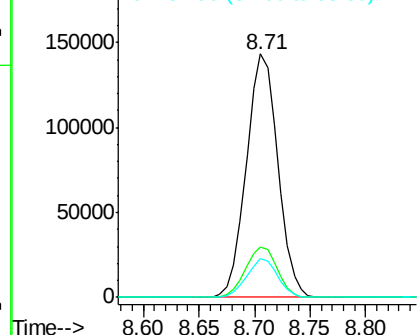
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001837.D
Acq: 03 Mar 2020 16:04

Instrument :
MSVOA_Y
ClientSampleId :
EP-9

Tot Ion:114 Resp: 281543
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.4
88 15.9 0.0 32.8

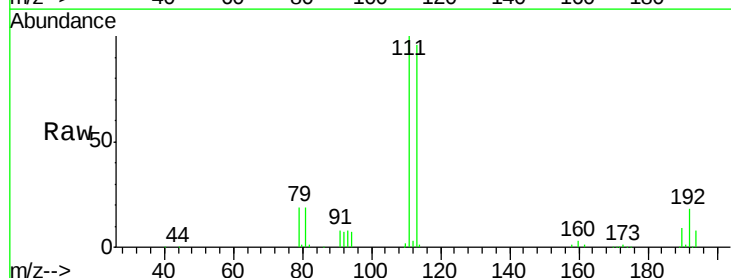


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

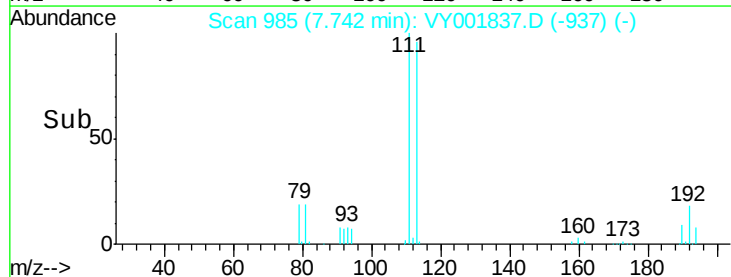
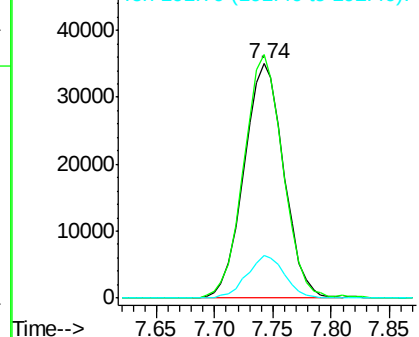


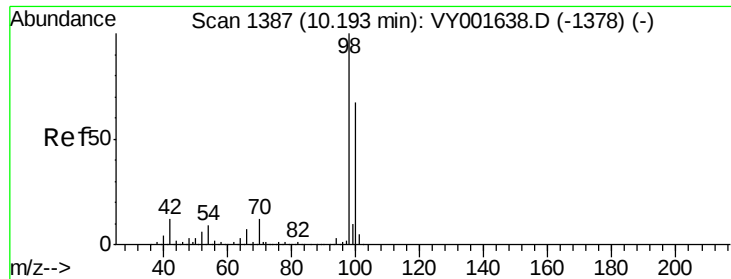
#35
Dibromofluoromethane
Concen: 51.794 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001837.D
Acq: 03 Mar 2020 16:04

Tgt Ion:113 Resp: 83521
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 17.2 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: 54.418 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

Instrument :

MSVOA_Y

ClientSampled :

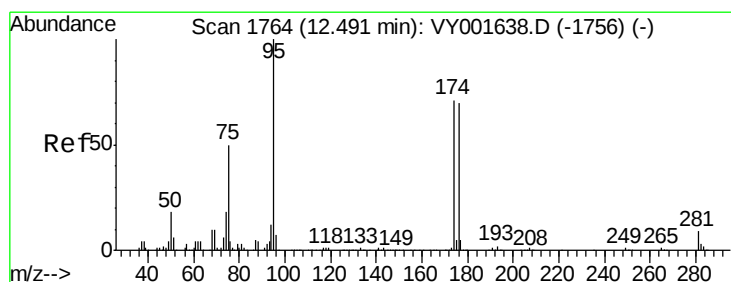
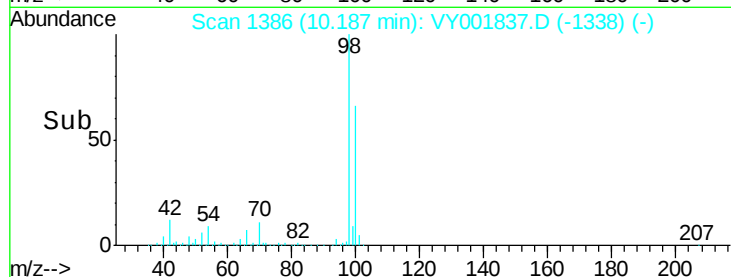
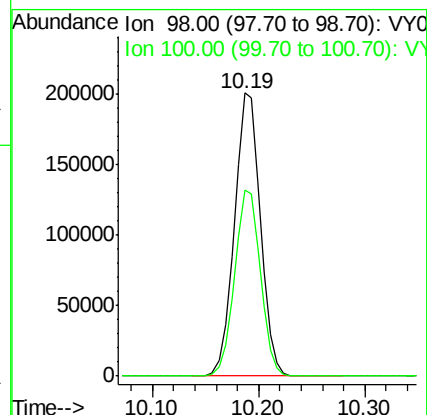
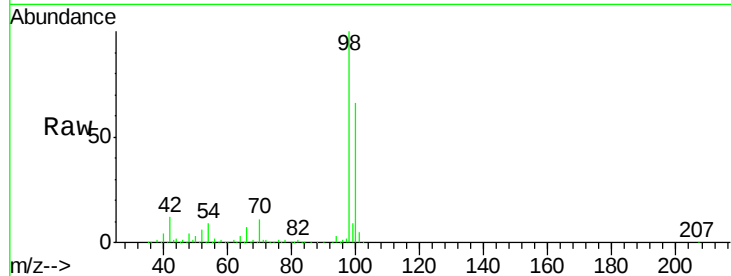
EP-9

Tot Ion: 98 Resp: 343783

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 47.249 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001837.D

Acq: 03 Mar 2020 16:04

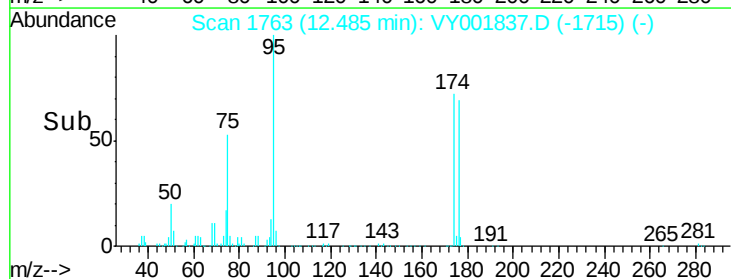
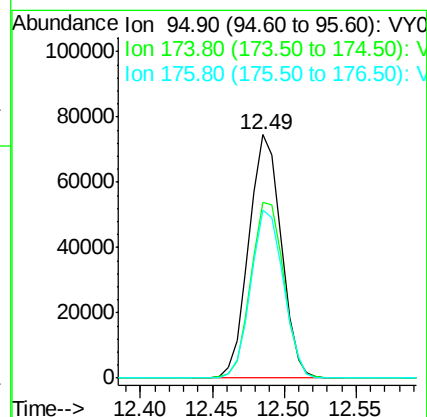
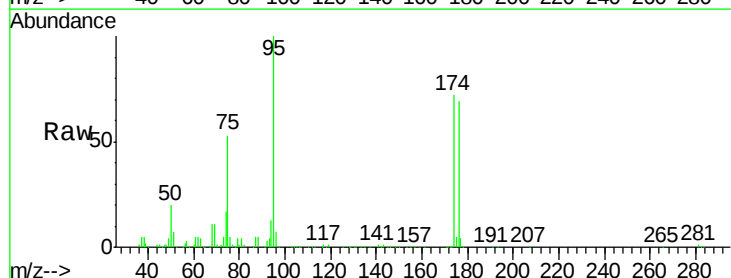
Tgt Ion: 95 Resp: 115962

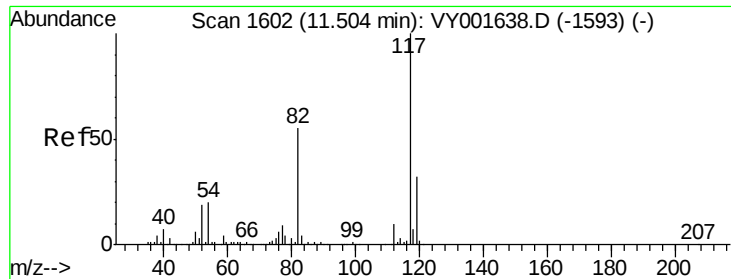
Ion Ratio Lower Upper

95 100

174 73.1 0.0 138.4

176 69.7 0.0 131.8

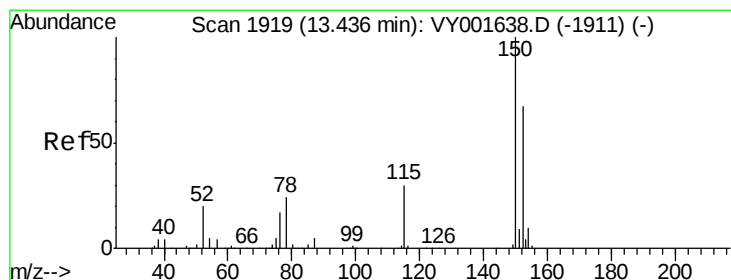
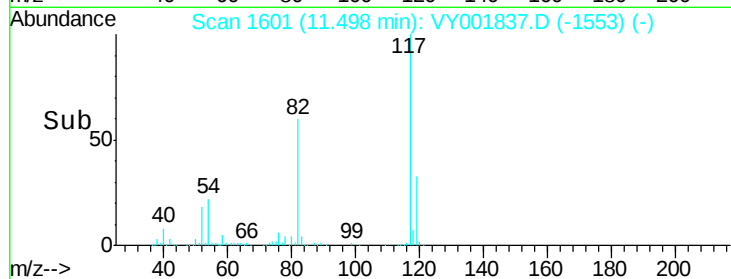
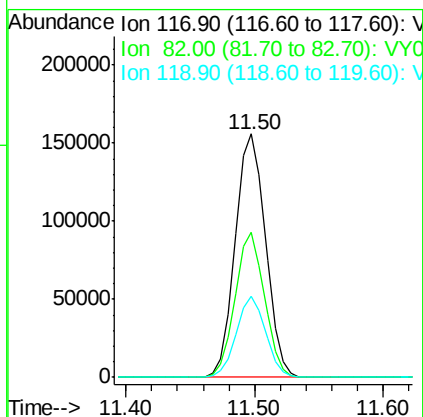
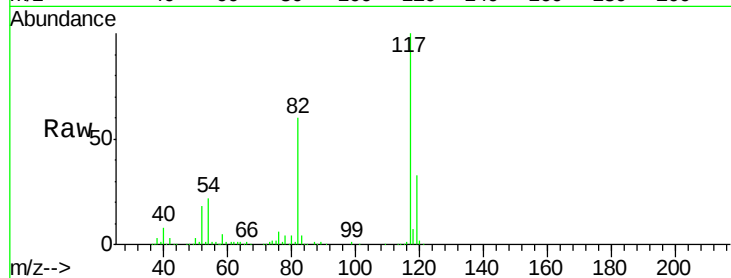




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001837.D
Acq: 03 Mar 2020 16:04

Instrument :
MSVOA_Y
ClientSampled :
EP-9

Tot Ion:117 Resp: 254193
Ion Ratio Lower Upper
117 100
82 59.7 45.5 68.3
119 33.5 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: VY001837.D
Acq: 03 Mar 2020 16:04

Tgt Ion:152 Resp: 111714
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.2
150 157.6 0.0 407.2

