

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002164.D
 Acq On : 01 Apr 2020 15:42
 Operator : SY/MD
 Sample : L2100-04
 Misc : 9.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239-SB-04-10-11

Quant Time: Apr 02 07:39:44 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	117284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	229744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	216487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98239	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	75250	58.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.08%	
35) Dibromofluoromethane	7.74	113	68049	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.19	98	282237	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.49	95	99258	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

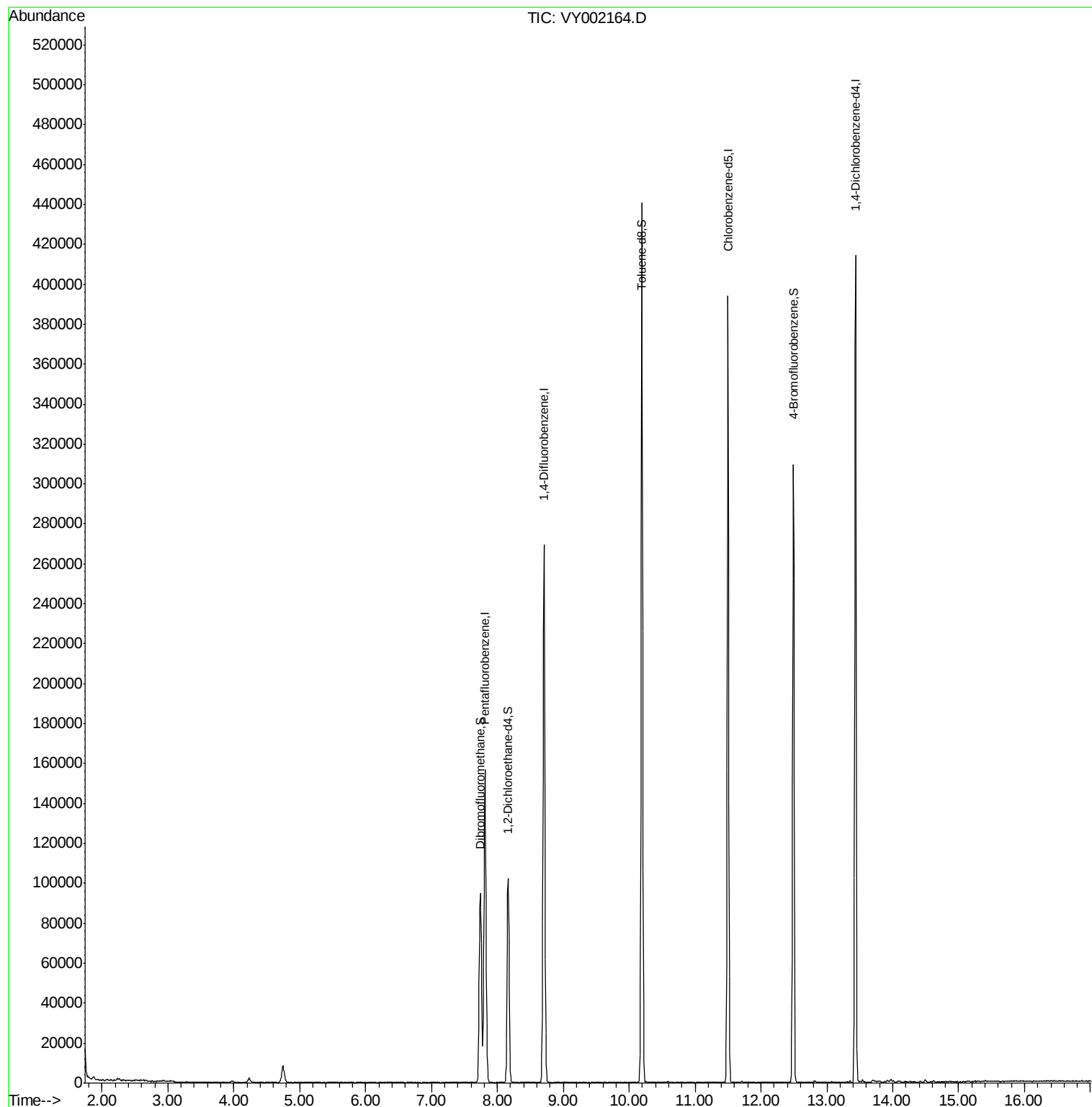
Target Compounds	Qvalue

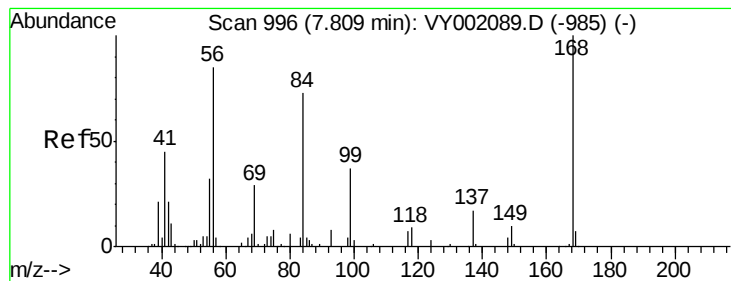
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002164.D

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Instrument :

MSVOA_Y

ClientSampleId :

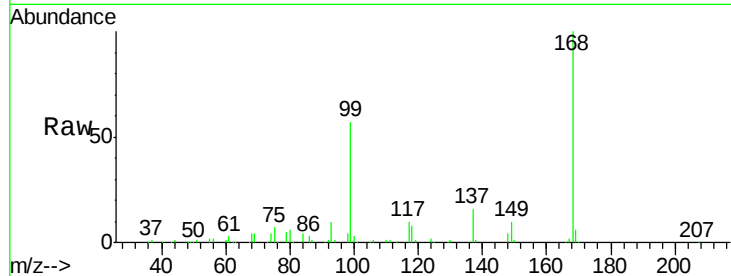
239-SB-04-10-11

Tot Ion:168 Resp: 117284

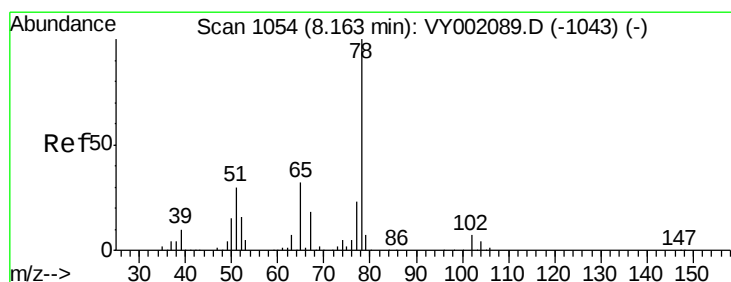
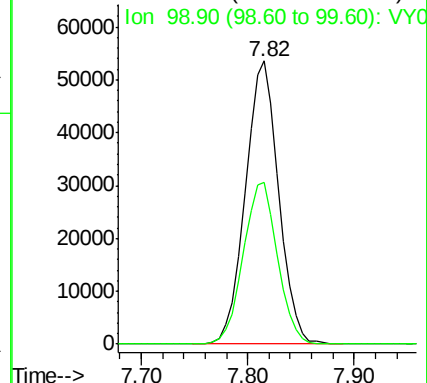
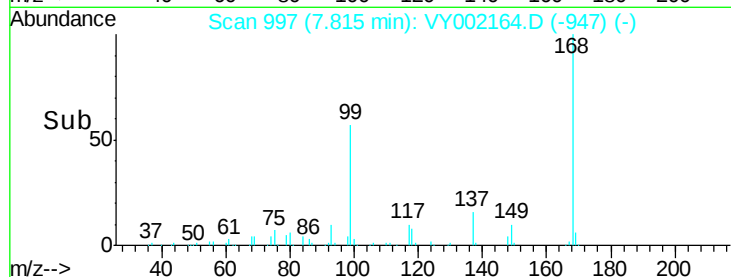
Ion Ratio Lower Upper

168 100

99 57.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002164.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.039 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002164.D

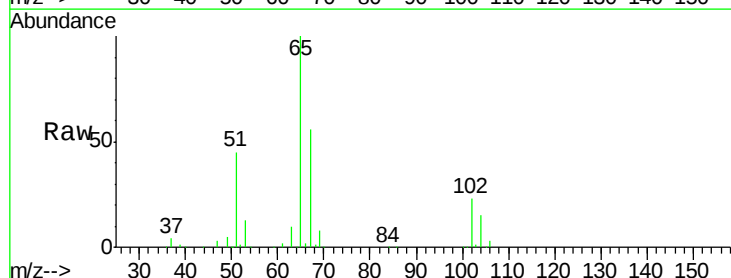
Acq: 01 Apr 2020 15:42

Tgt Ion: 65 Resp: 75250

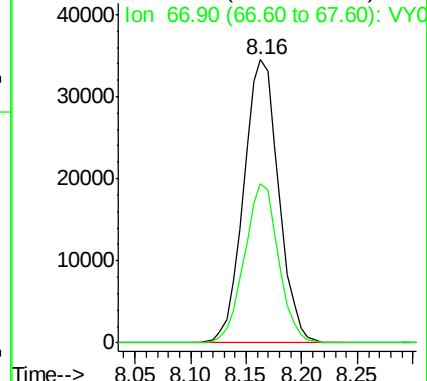
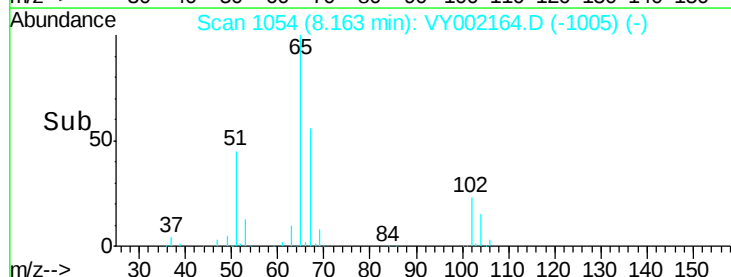
Ion Ratio Lower Upper

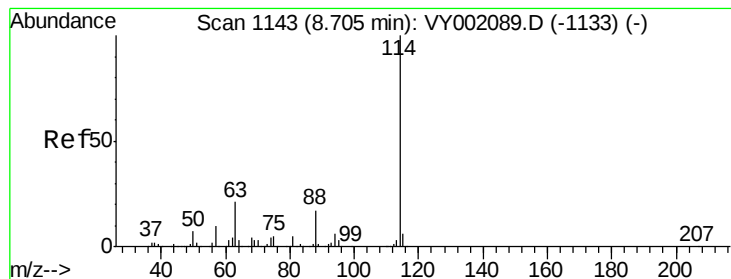
65 100

67 54.7 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002164.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002164.D

Acq: 01 Apr 2020 15:42

Instrument :

MSVOA_Y

ClientSampleId :

239-SB-04-10-11

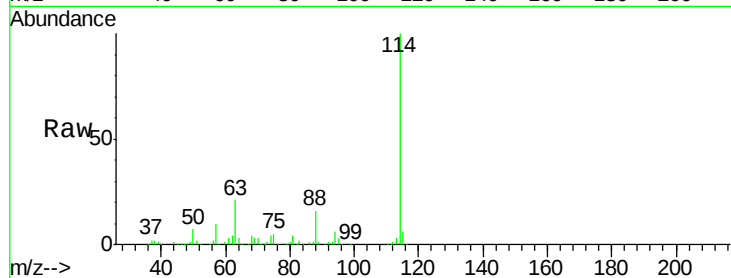
Tot Ion:114 Resp: 229744

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

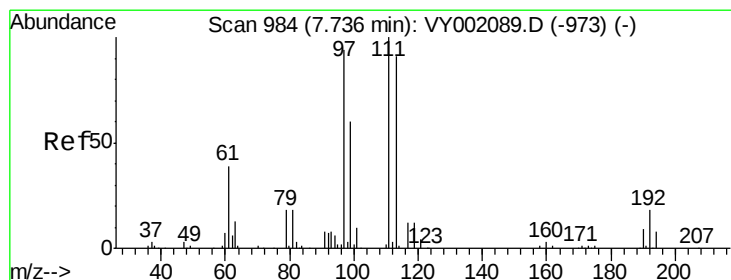
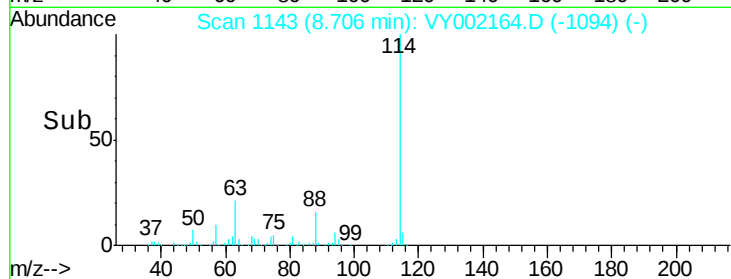
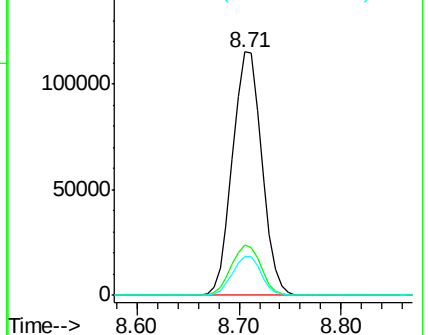
88 15.8 0.0 33.0



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: 52.862 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002164.D

Acq: 01 Apr 2020 15:42

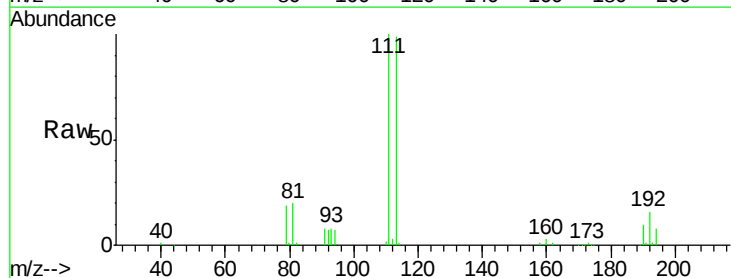
Tgt Ion:113 Resp: 68049

Ion Ratio Lower Upper

113 100

111 103.3 84.4 126.6

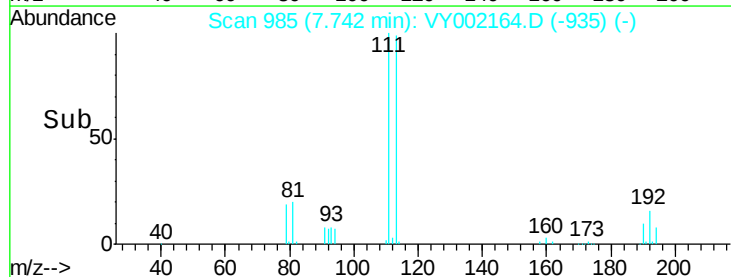
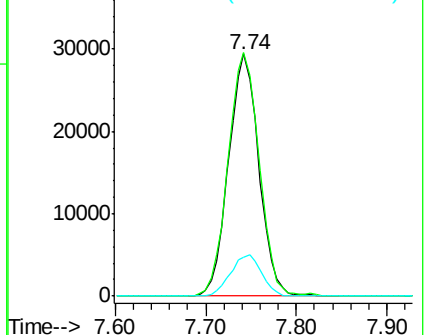
192 17.6 14.6 21.8

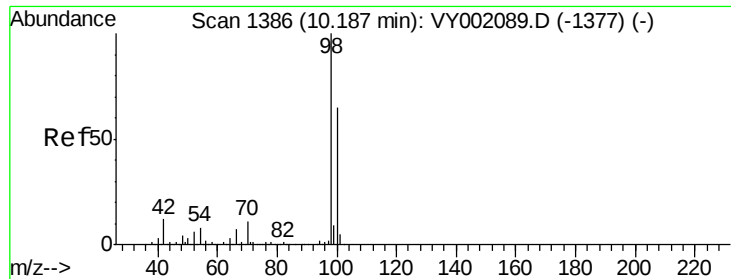


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.777 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002164.D

Acq: 01 Apr 2020 15:42

Instrument :

MSVOA_Y

ClientSampleId :

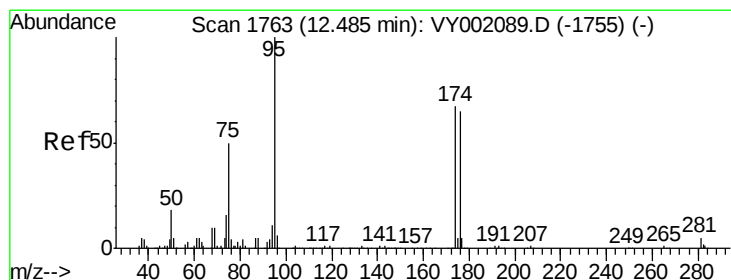
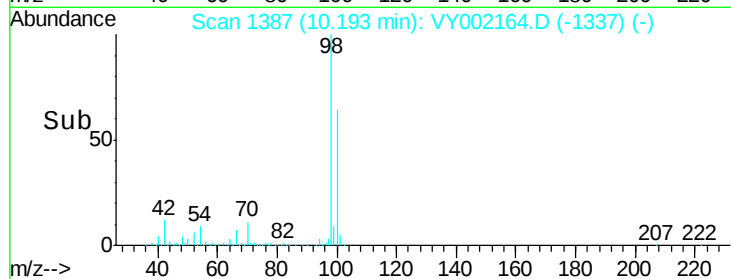
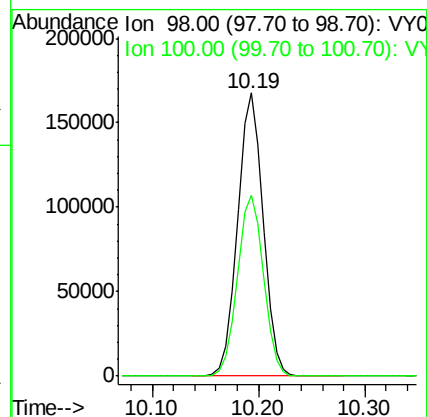
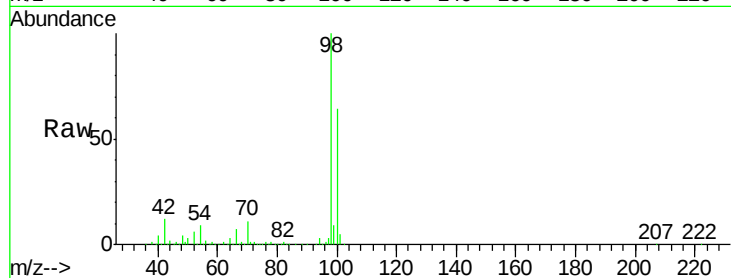
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Tot Ion: 98 Resp: 282237

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 53.071 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002164.D

Acq: 01 Apr 2020 15:42

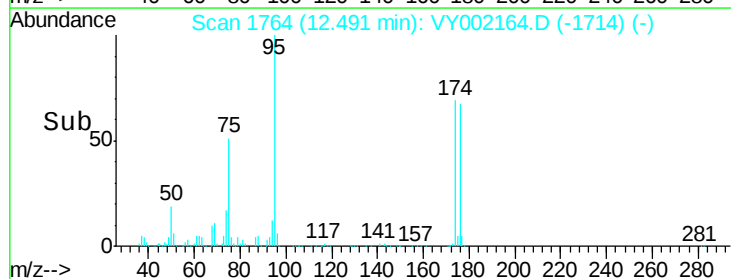
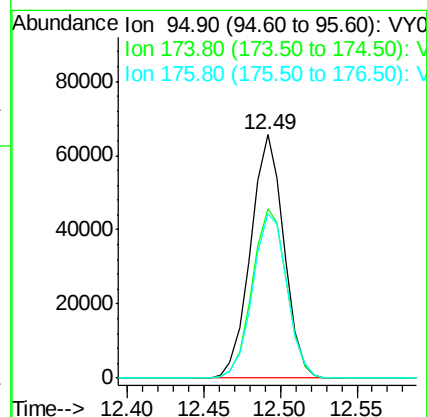
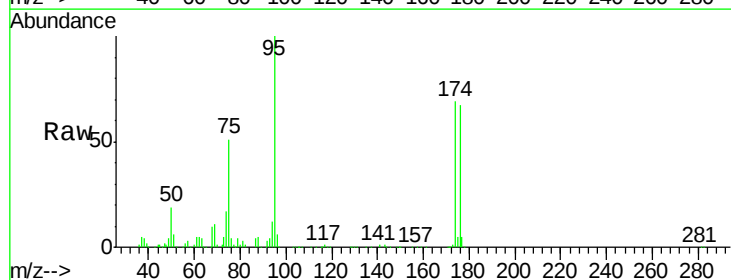
Tgt Ion: 95 Resp: 99258

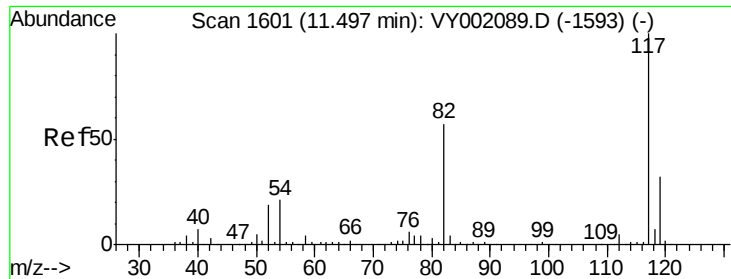
Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

176 69.6 0.0 137.0

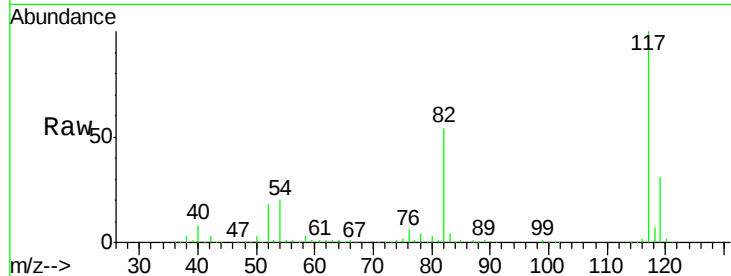




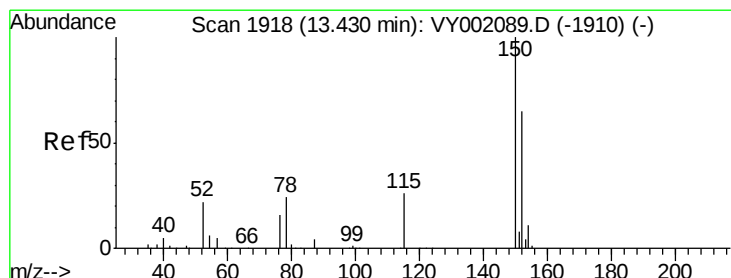
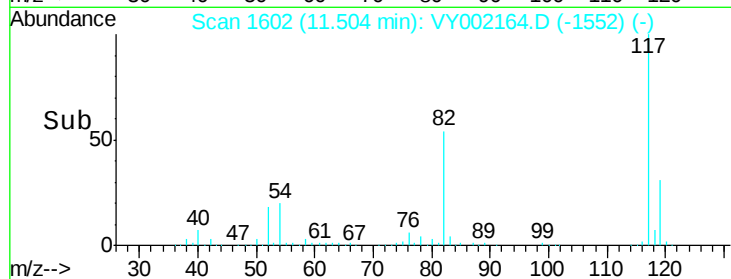
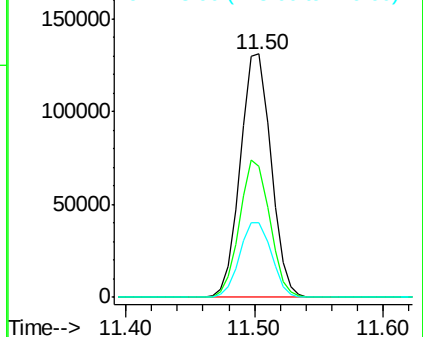
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Instrument :
MSVOA_Y
ClientSampleId :
239-SB-04-10-11

Tot Ion:117 Resp: 216487
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.2
119 30.9 25.3 37.9

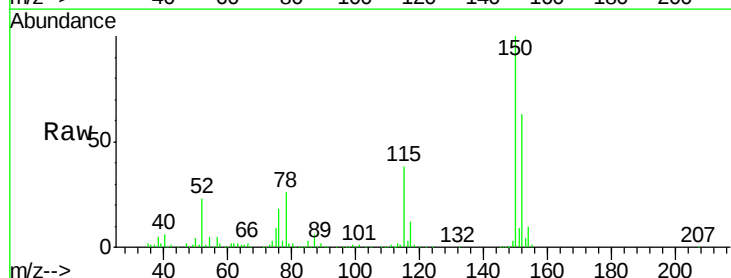


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002164.D
Acq: 01 Apr 2020 15:42

Tgt Ion:152 Resp: 98239
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 157.5 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

