

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002140.D
 Acq On : 31 Mar 2020 17:51
 Operator : SY/MD
 Sample : L2054-06
 Misc : 8.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239-SB-01-1-2

Quant Time: Apr 01 06:21:13 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	120167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	234515	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	210638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	81539	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	75490	56.83	ug/l	0.00
Spiked Amount			Recovery	=	113.66%	
35) Dibromofluoromethane	7.75	113	69485	52.88	ug/l	0.01
Spiked Amount			Recovery	=	105.76%	
50) Toluene-d8	10.20	98	289804	53.09	ug/l	0.01
Spiked Amount			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.49	95	89339	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	

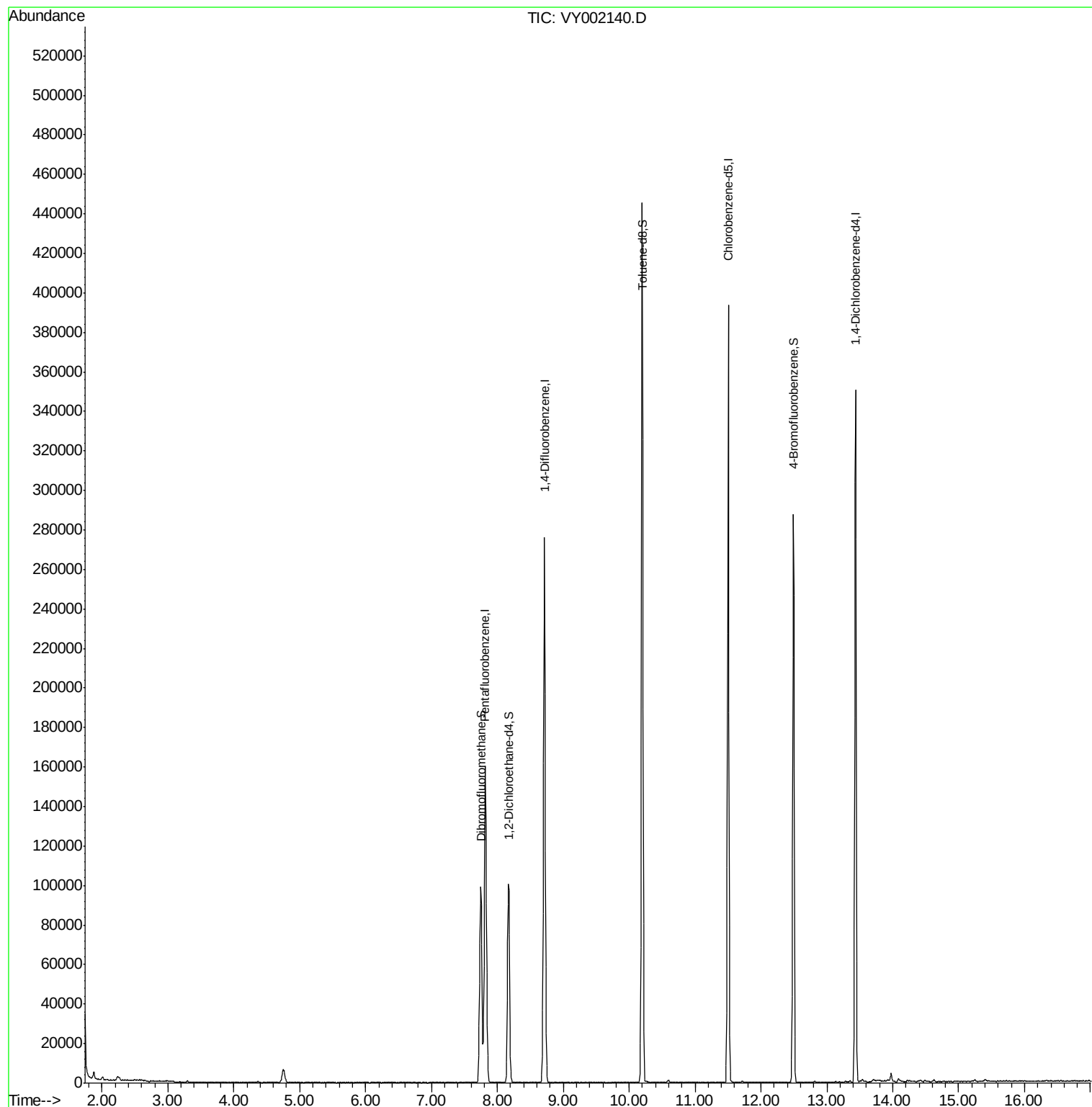
Target Compounds	Qvalue
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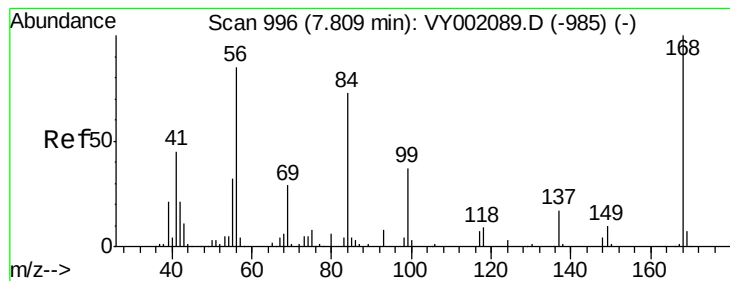
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002140.D

Acq: 31 Mar 2020 17:51

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MSVOA_Y

ClientSampleId :

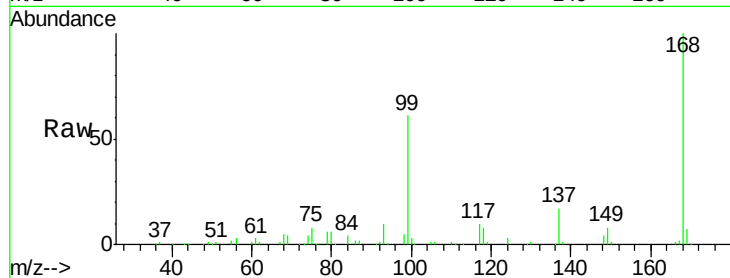
239-SB-01-1-2

Tot Ion:168 Resp: 120167

Ion Ratio Lower Upper

168 100

99 60.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002140.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002140.D (-947) (-)

7.82

60000

50000

40000

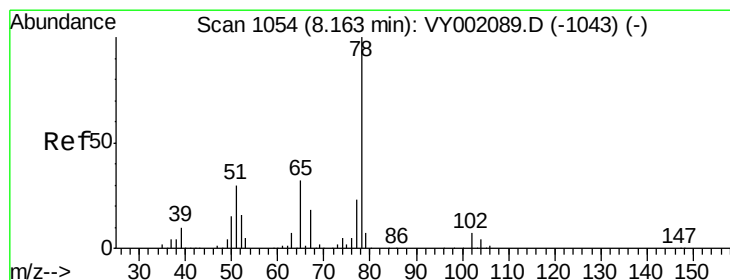
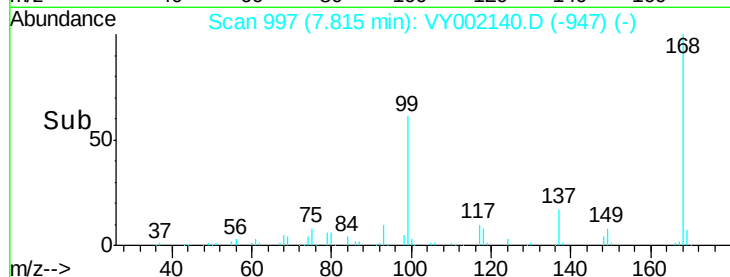
30000

20000

10000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.827 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002140.D

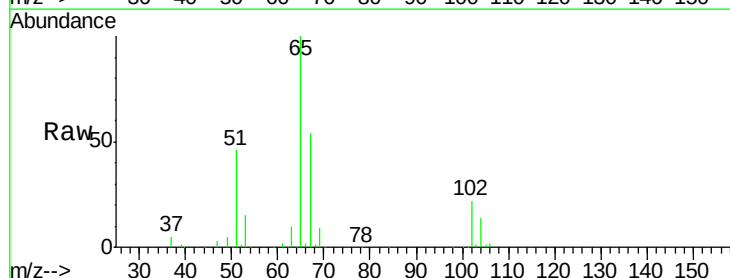
Acq: 31 Mar 2020 17:51

Tgt Ion: 65 Resp: 75490

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002140.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002140.D (-1005) (-)

8.17

40000

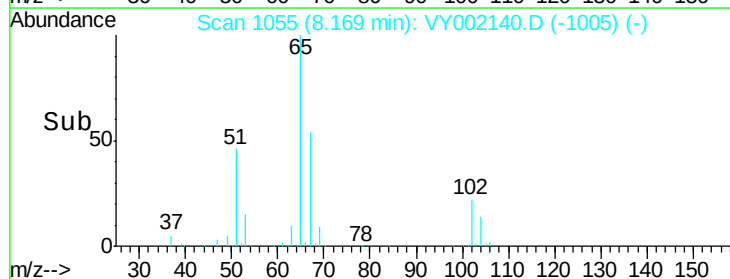
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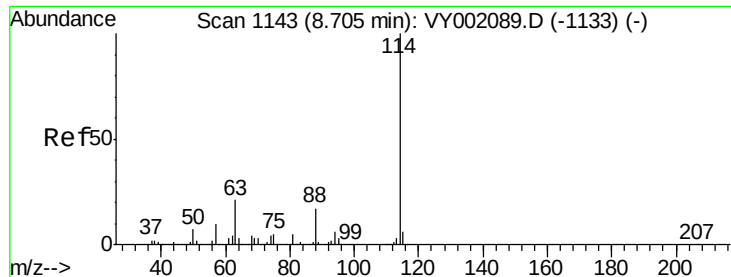
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Time-->

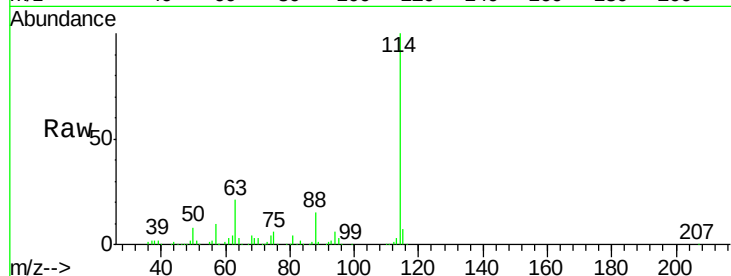




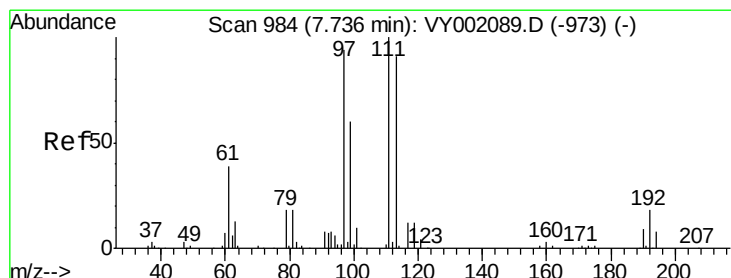
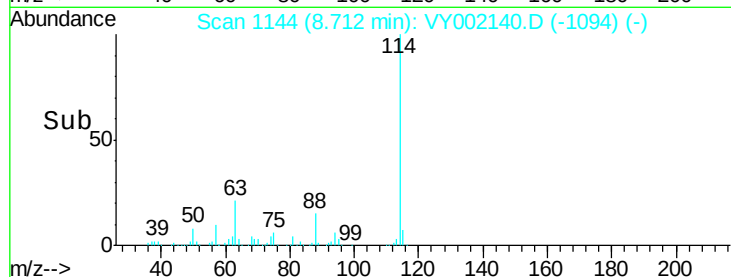
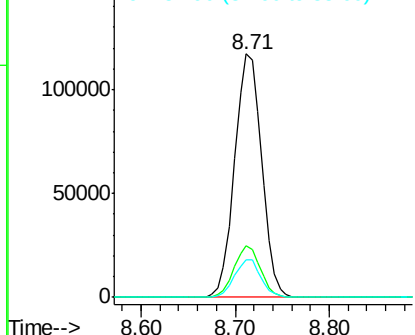
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002140.D
 Acq: 31 Mar 2020 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 239-SB-01-1-2

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	41.4
88	15.2	0.0	33.0

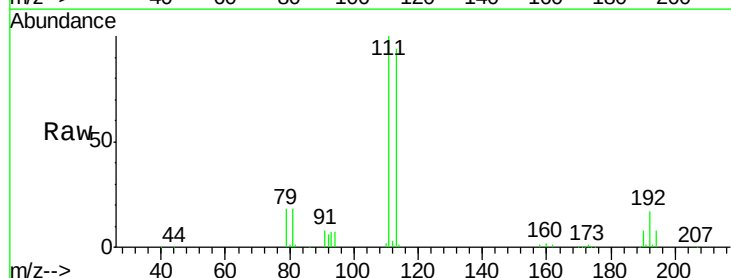


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

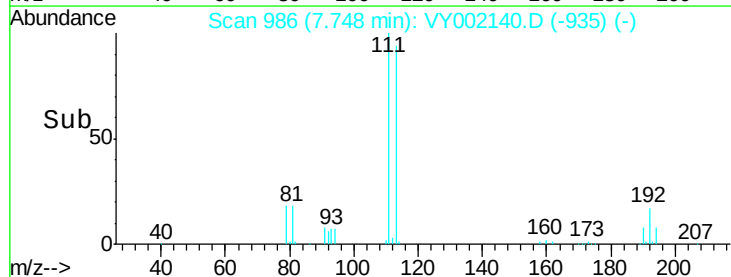
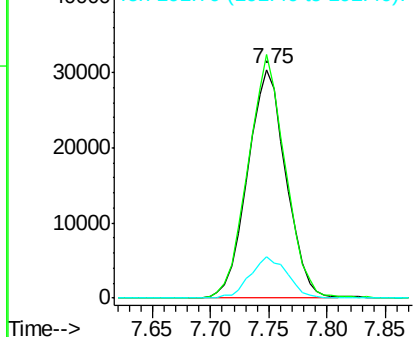


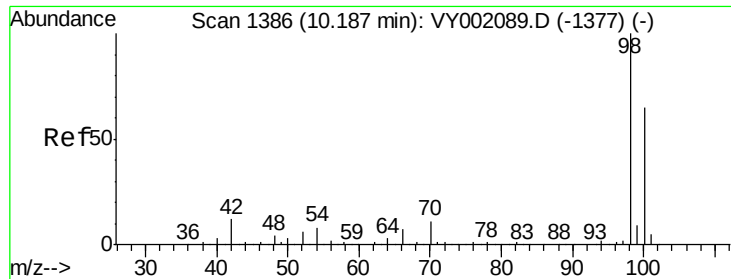
#35
 Dibromofluoromethane
 Concen: 52.880 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002140.D
 Acq: 31 Mar 2020 17:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.4	126.6
192	17.7	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: 53.090 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

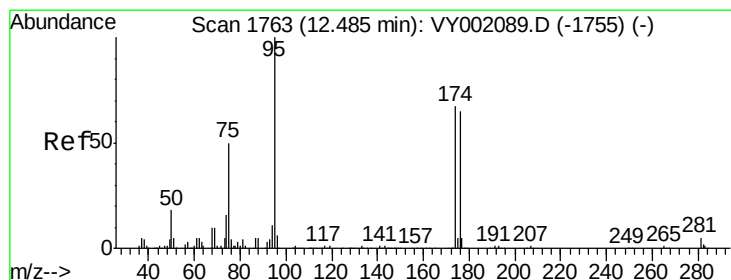
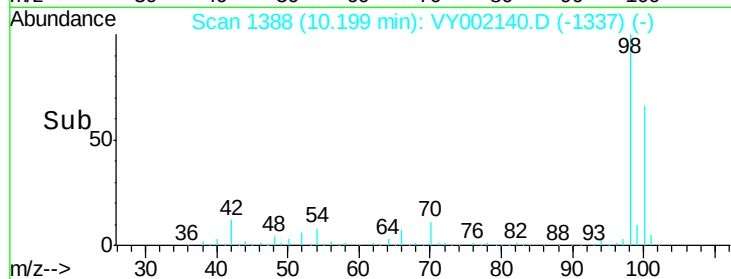
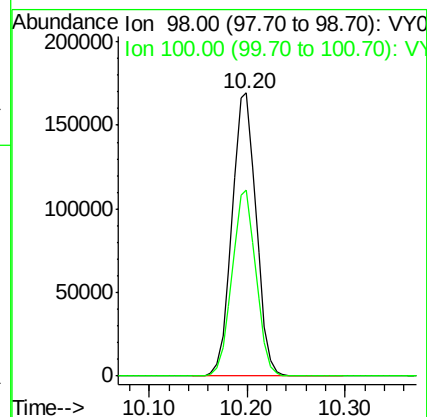
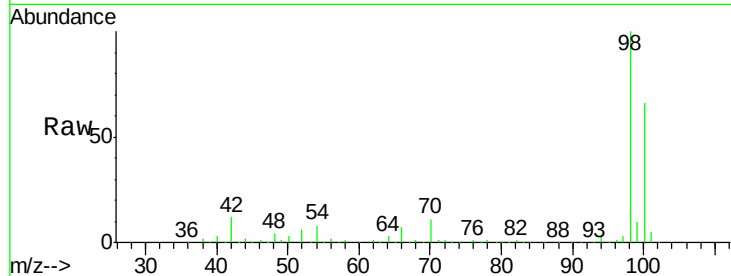
239-SB-01-1-2

Tot Ion: 98 Resp: 289804

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.796 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002140.D

Acq: 31 Mar 2020 17:51

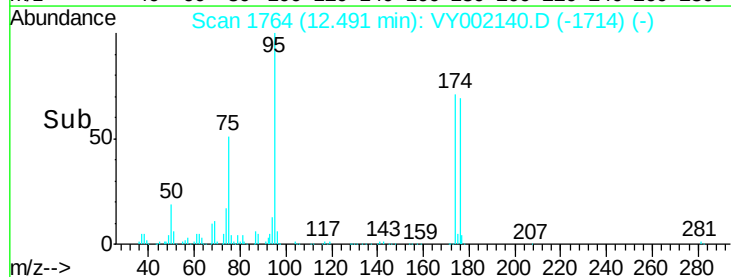
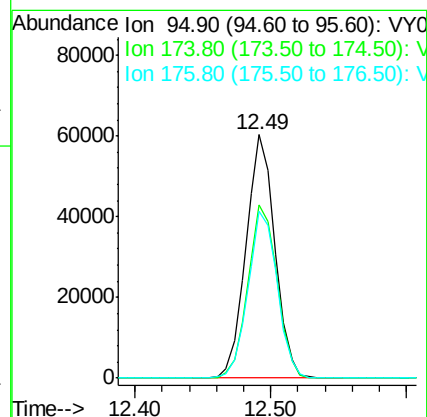
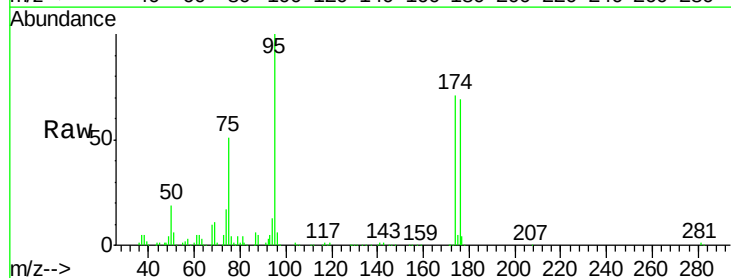
Tgt Ion: 95 Resp: 89339

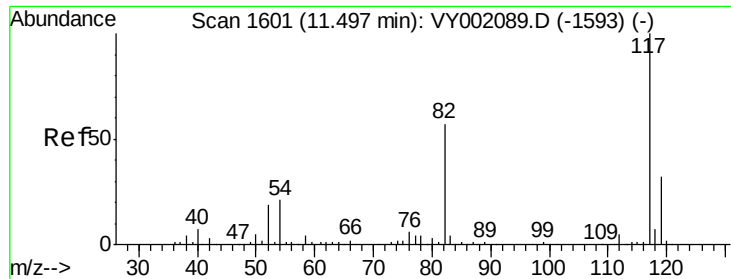
Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.4

176 70.0 0.0 137.0

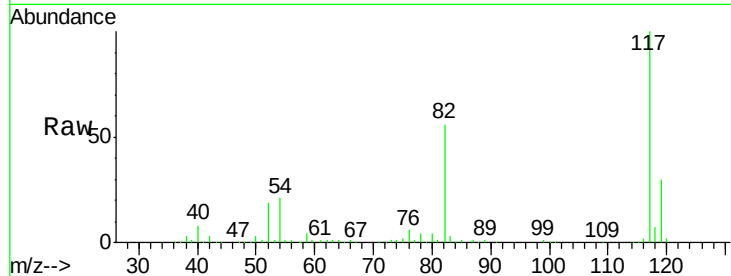




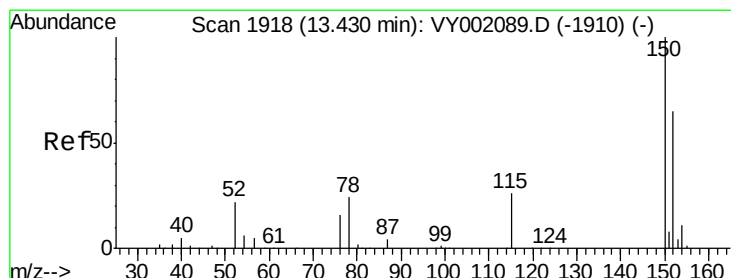
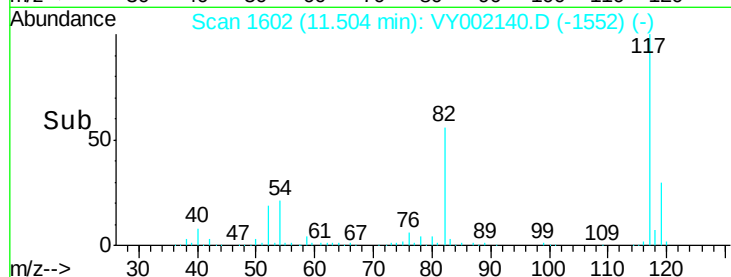
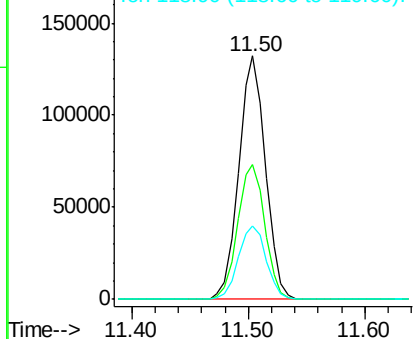
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002140.D
Acq: 31 Mar 2020 17:51

Instrument :
MSVOA_Y
ClientSampleId :
239-SB-01-1-2

Tot Ion:117 Resp: 210638
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 30.2 25.3 37.9

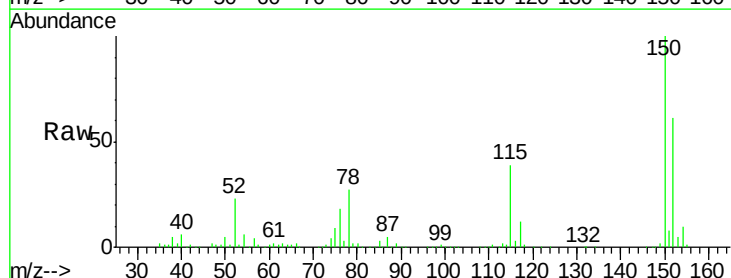


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002140.D
Acq: 31 Mar 2020 17:51

Tgt Ion:152 Resp: 81539
Ion Ratio Lower Upper
152 100
115 62.4 31.2 93.6
150 161.9 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

