

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002100.D
 Acq On : 27 Mar 2020 13:17
 Operator : SY/MD
 Sample : L2042-04RE
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.5-6.0RE

Quant Time: Mar 30 09:03:49 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	16575	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	28457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	23276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	8294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	8196	44.73	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	89.46%	
35) Dibromofluoromethane	7.73	113	8064	50.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.14%	
50) Toluene-d8	10.18	98	32797	49.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.48	95	8829	38.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.22%	

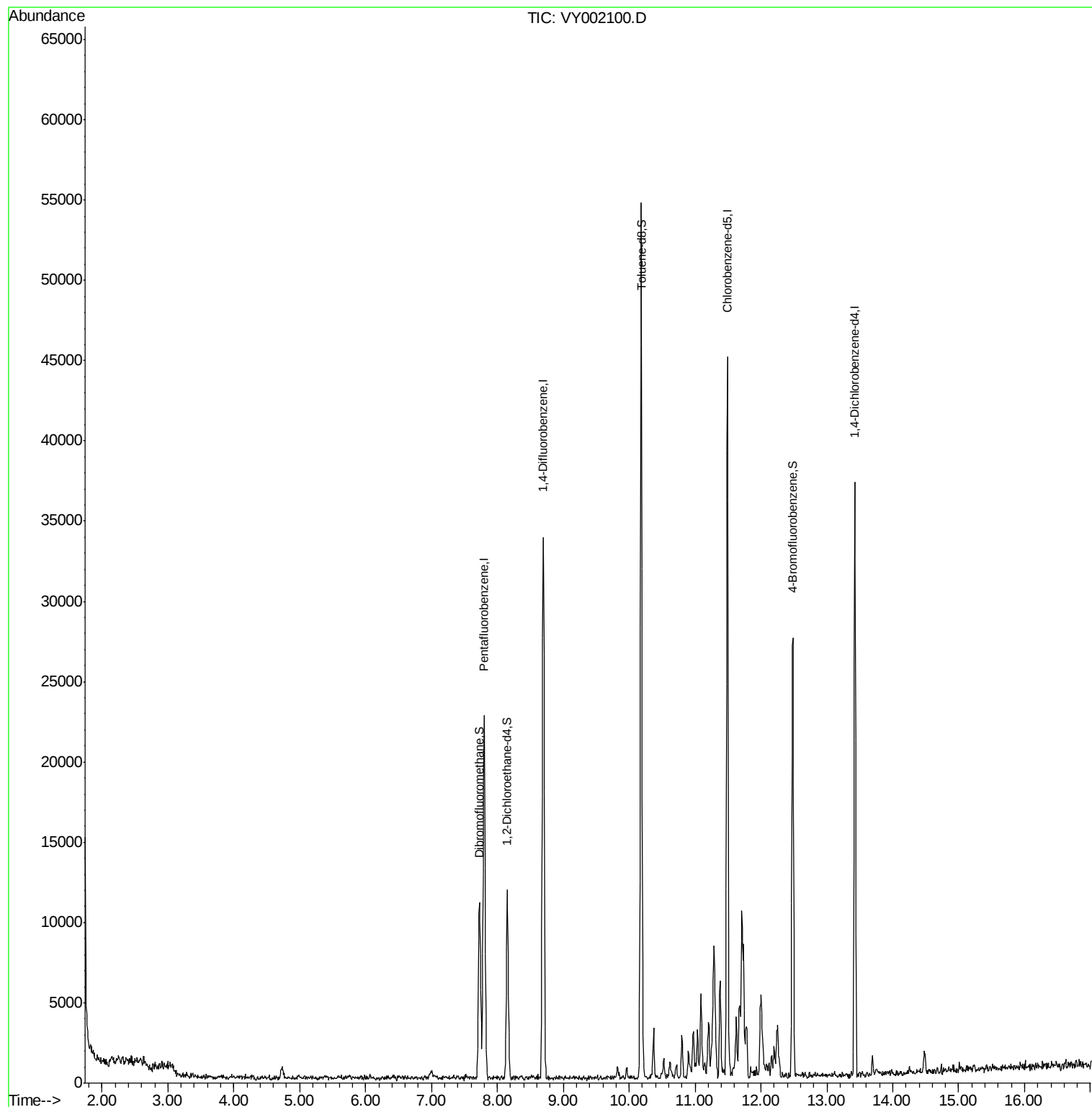
Target Compounds	Qvalue
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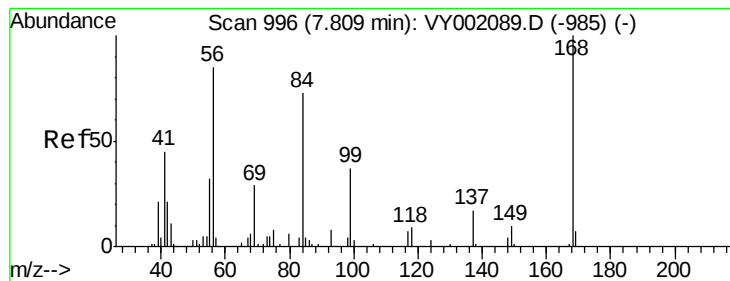
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002100.D

Acq: 27 Mar 2020 13:17

Instrument :

MSVOA_Y

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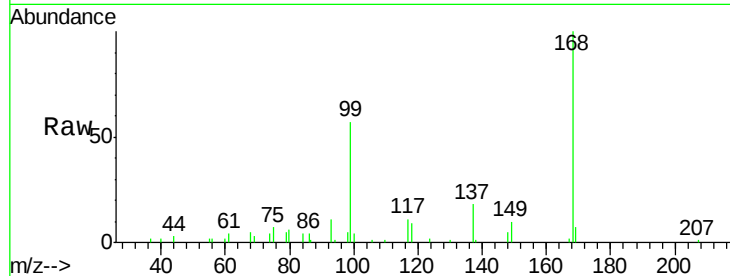
SB-04-5.5-6.0RE

Tot Ion:168 Resp: 16575

Ion Ratio Lower Upper

168 100

99 56.7 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002100.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002100.D (-947) (-)

7.80

8000

6000

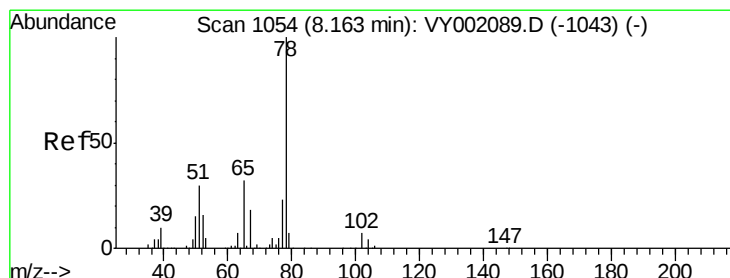
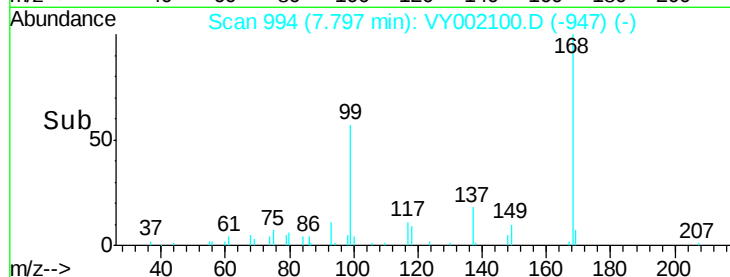
4000

2000

0

7.70 7.75 7.80 7.85

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.730 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002100.D

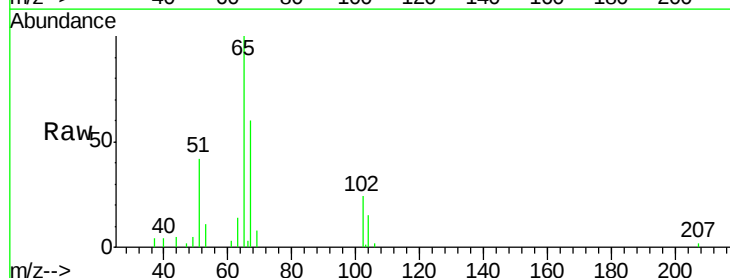
Acq: 27 Mar 2020 13:17

Tgt Ion: 65 Resp: 8196

Ion Ratio Lower Upper

65 100

67 59.8 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002100.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002100.D (-1005) (-)

8.15

4000

3000

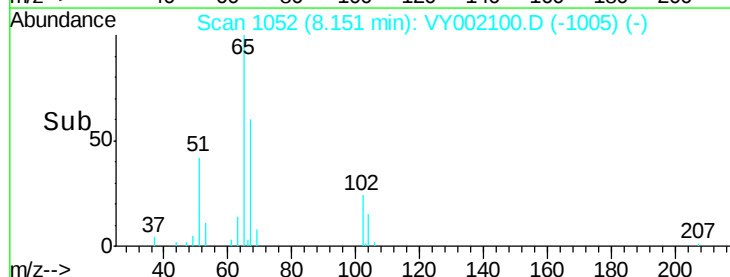
2000

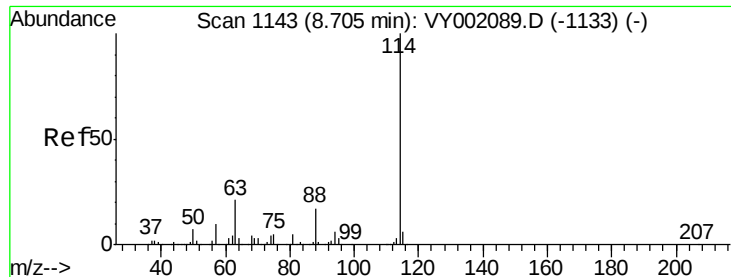
1000

0

8.05 8.10 8.15 8.20 8.25

Time-->

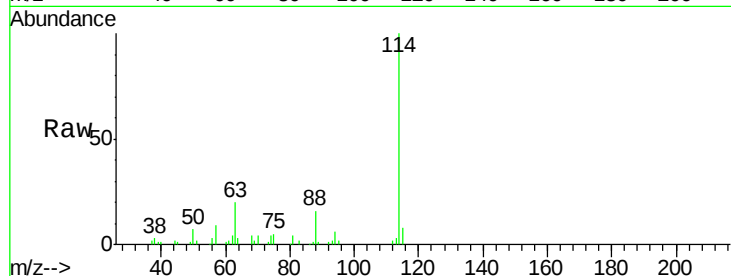




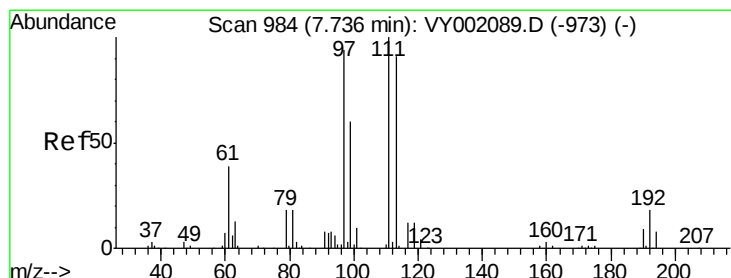
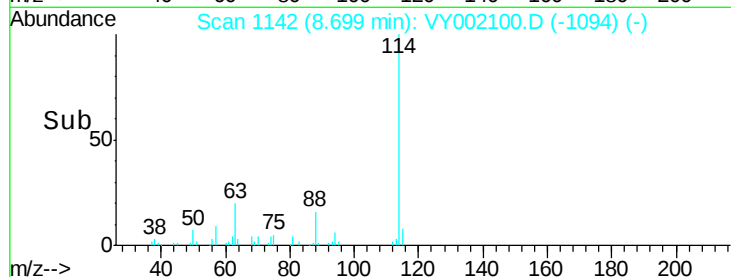
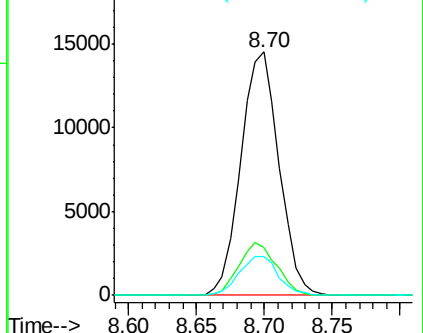
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002100.D
 Acq: 27 Mar 2020 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.5-6.0RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.4
88	16.2	0.0	33.0

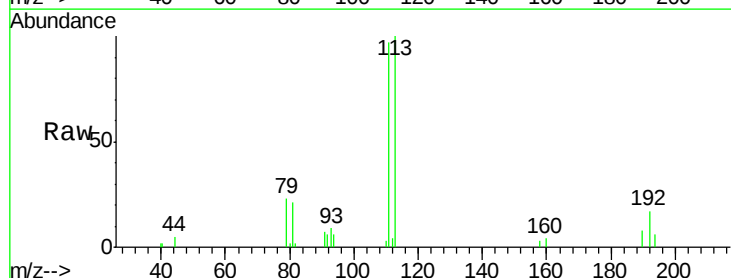


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

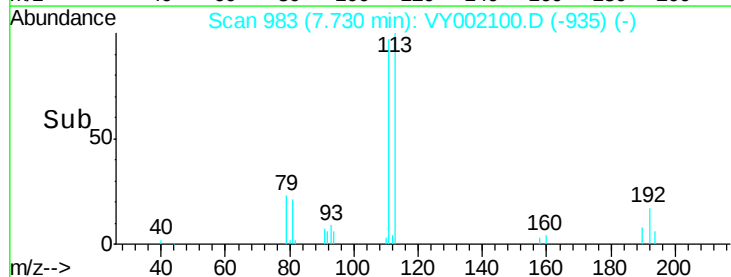
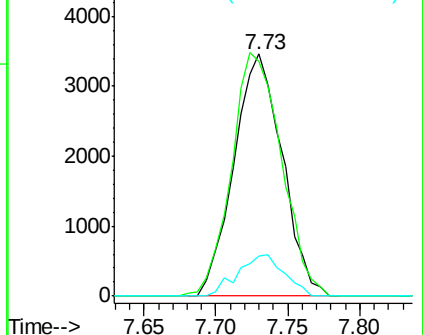


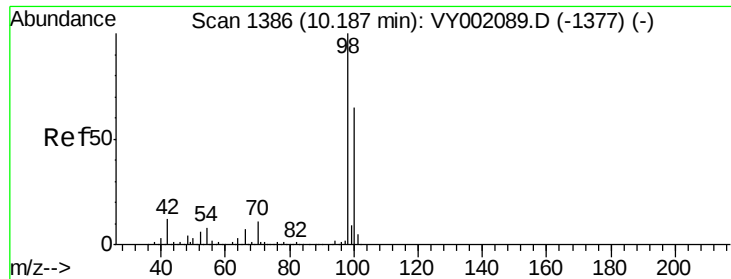
#35
 Dibromofluoromethane
 Concen: 50.574 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002100.D
 Acq: 27 Mar 2020 13:17

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	84.4	126.6
192	16.3	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: 49.513 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002100.D

Acq: 27 Mar 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

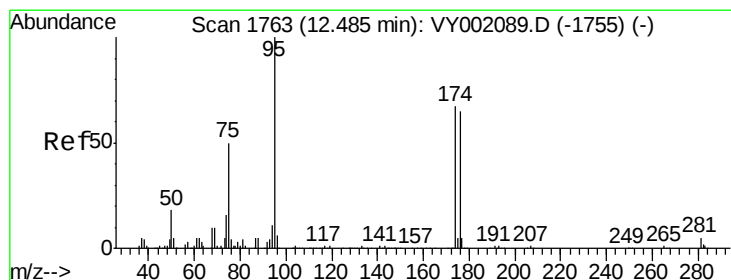
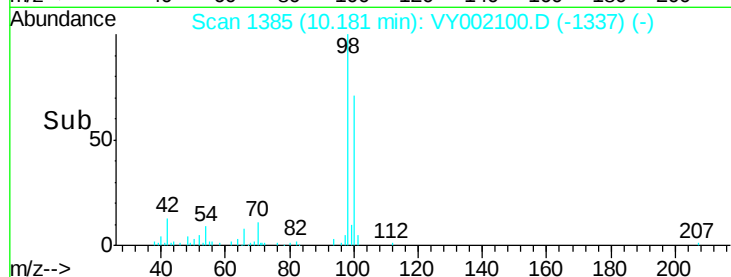
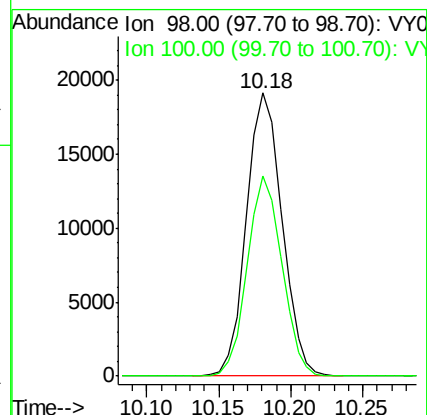
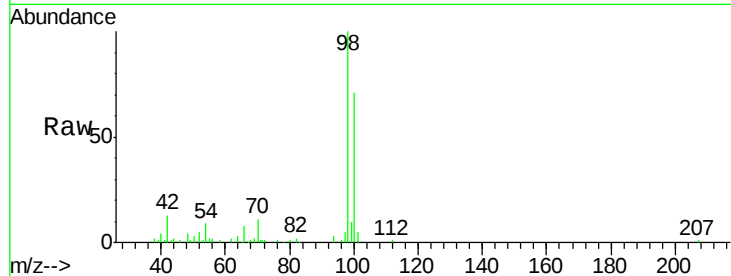
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Tot Ion: 98 Resp: 32797

Ion Ratio Lower Upper

98 100

100 68.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 38.112 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002100.D

Acq: 27 Mar 2020 13:17

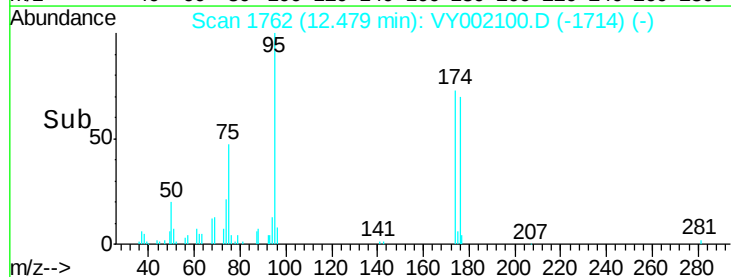
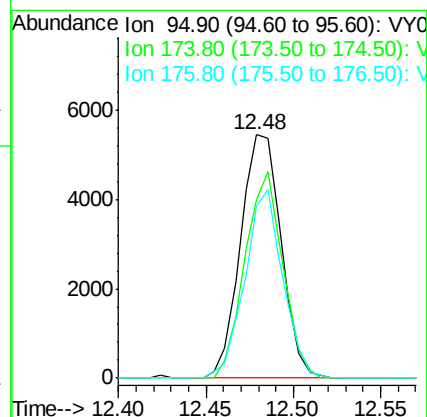
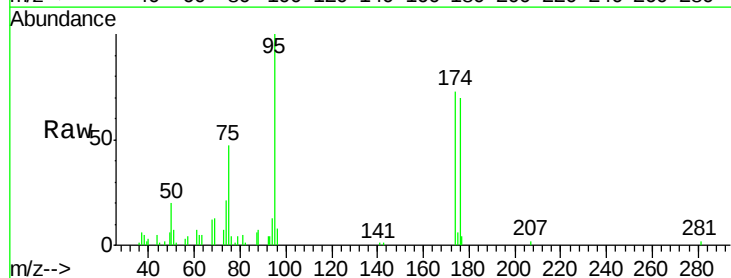
Tgt Ion: 95 Resp: 8829

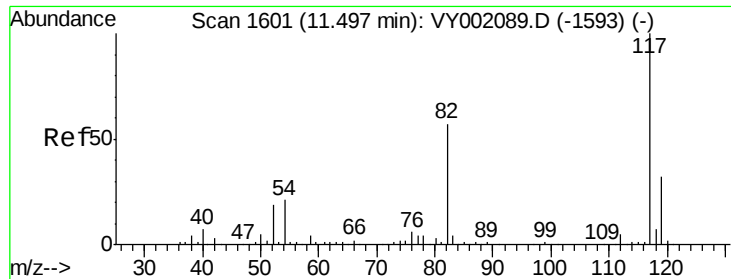
Ion Ratio Lower Upper

95 100

174 79.0 0.0 143.4

176 72.0 0.0 137.0

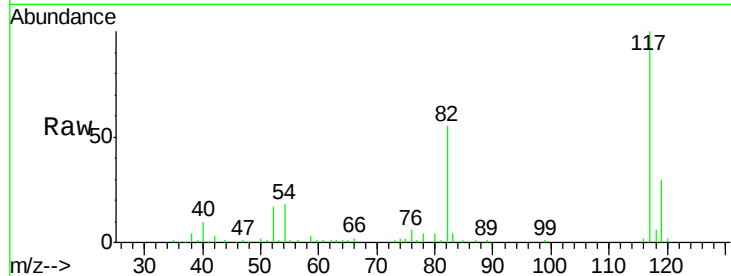




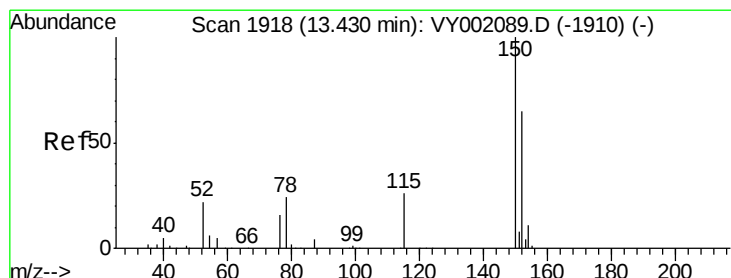
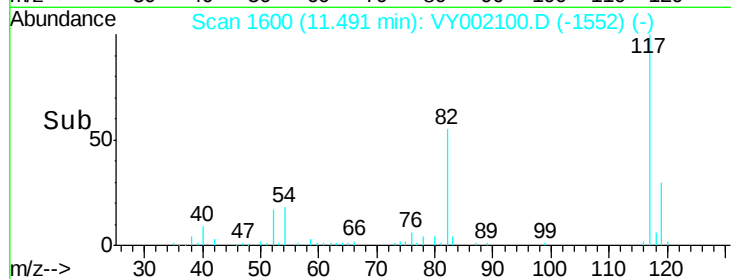
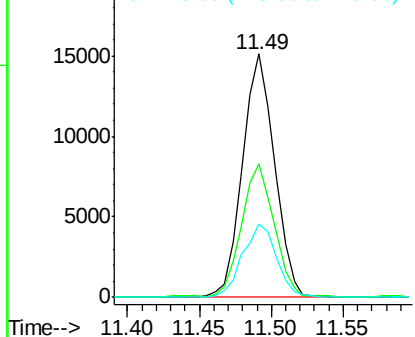
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VY002100.D
 Acq: 27 Mar 2020 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-5.5-6.0RE

Tot Ion:117 Resp: 23276
 Ion Ratio Lower Upper
 117 100
 82 54.9 45.4 68.2
 119 30.0 25.3 37.9

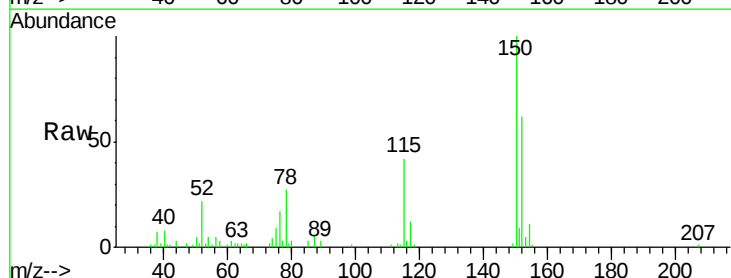


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VY0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY002100.D
 Acq: 27 Mar 2020 13:17

Tgt Ion:152 Resp: 8294
 Ion Ratio Lower Upper
 152 100
 115 63.0 31.2 93.6
 150 158.7 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

