

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002742.D
 Acq On : 21 May 2020 15:40
 Operator : SY/MD
 Sample : L2506-14
 Misc : 4.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-052020

Quant Time: May 21 17:08:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	320627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	509350	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	447601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200846	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	141697	56.50	ug/l	0.00
Spiked Amount			Recovery	=	113.00%	
35) Dibromofluoromethane	7.73	113	150912	53.69	ug/l	0.00
Spiked Amount			Recovery	=	107.38%	
50) Toluene-d8	10.18	98	590259	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.48	95	183648	47.21	ug/l	0.00
Spiked Amount			Recovery	=	94.42%	

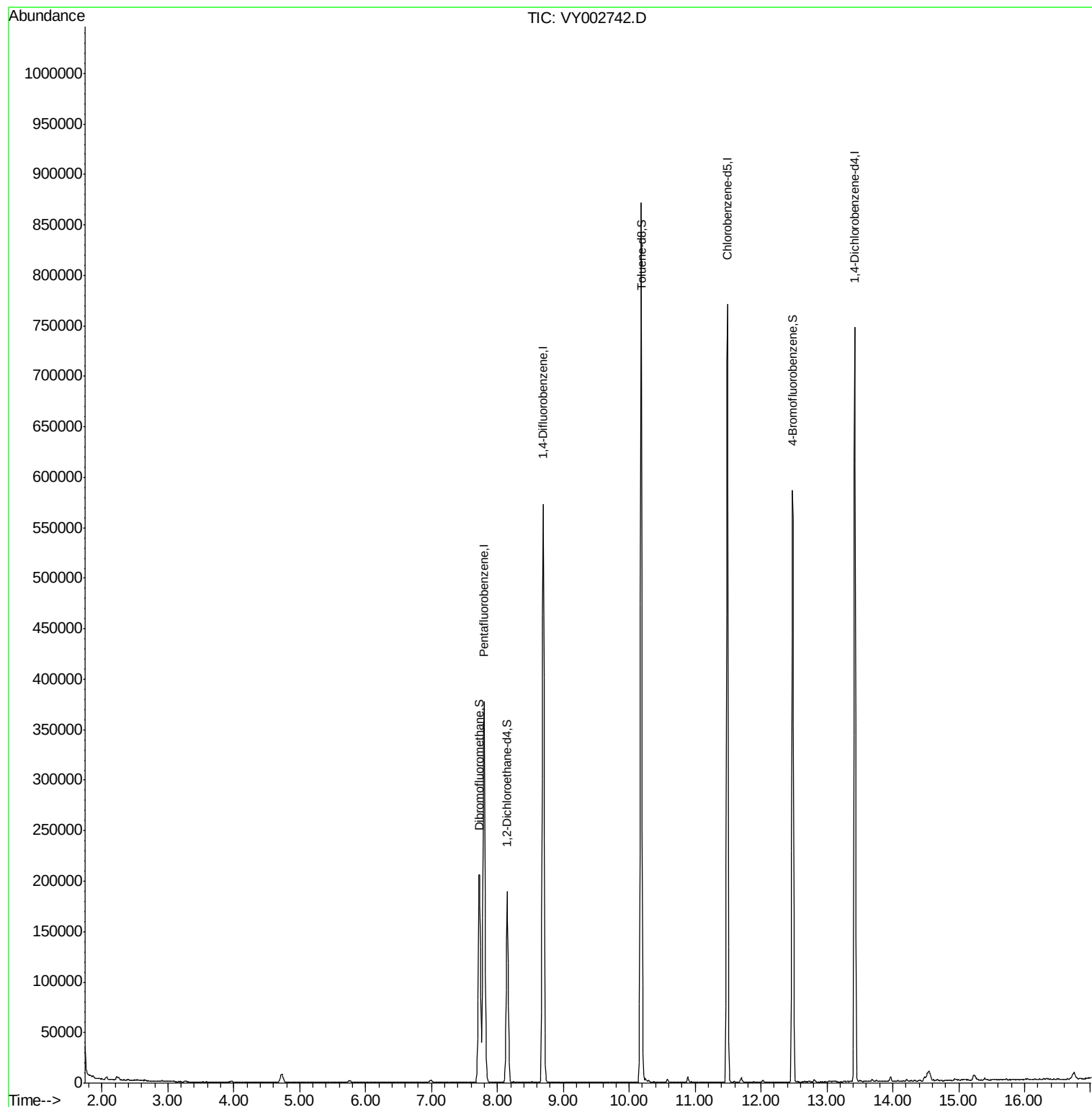
Target Compounds	Qvalue
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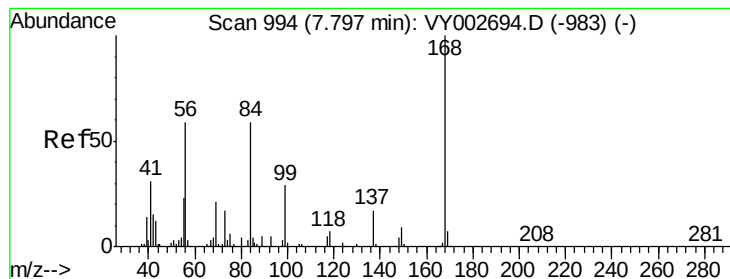
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY002742.D

Acq: 21 May 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

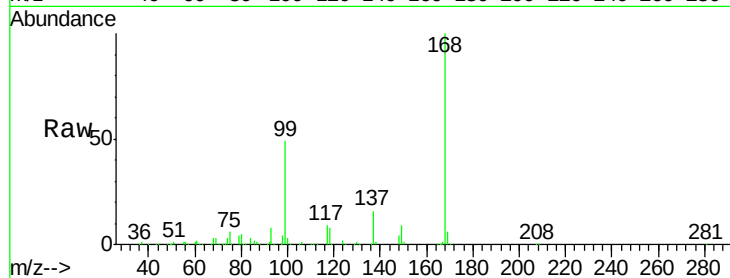
TR-04-052020

Tot Ion:168 Resp: 320627

Ion Ratio Lower Upper

168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002742.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002742.D (-945) (-)

7.80

150000

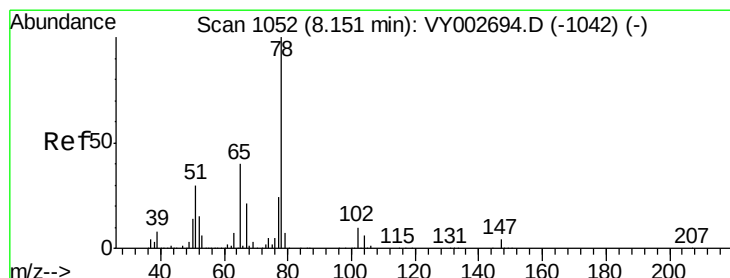
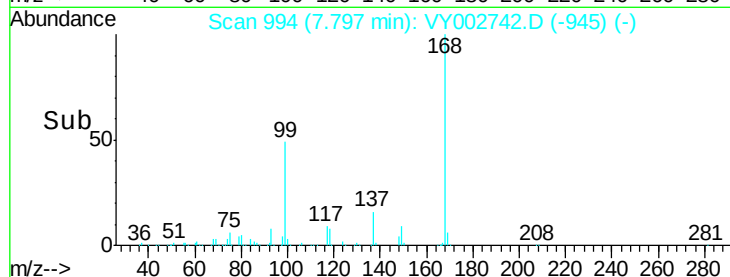
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.499 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002742.D

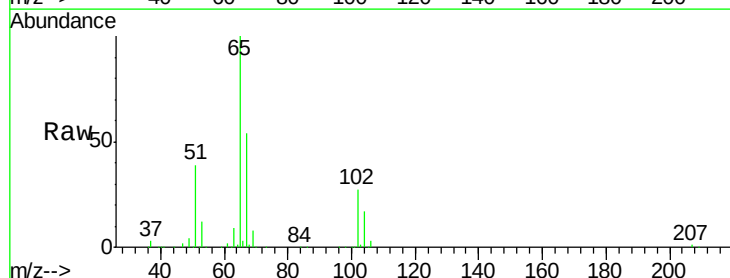
Acq: 21 May 2020 15:40

Tgt Ion: 65 Resp: 141697

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002742.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002742.D (-1003) (-)

8.15

60000

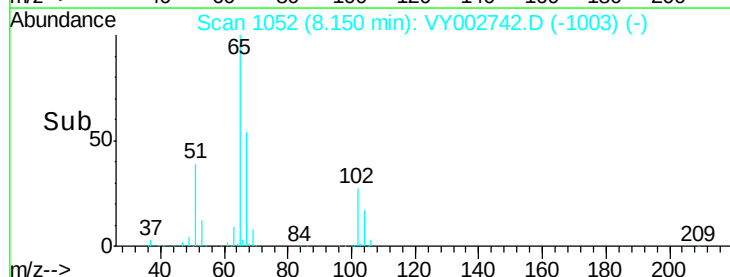
40000

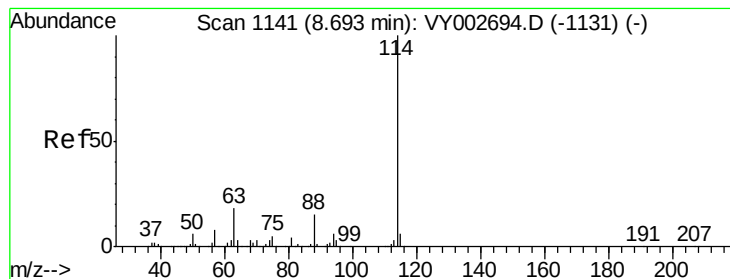
20000

0

8.00 8.10 8.20 8.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002742.D

Acq: 21 May 2020 15:40

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-052020

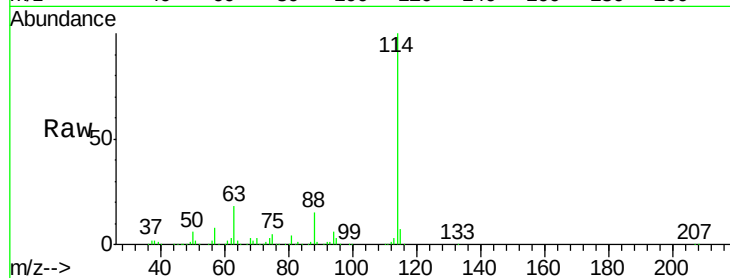
Tot Ion:114 Resp: 509350

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.4

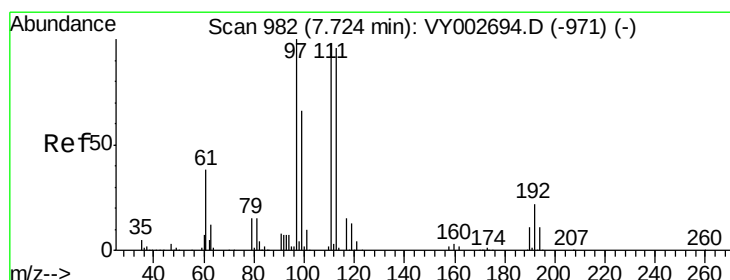
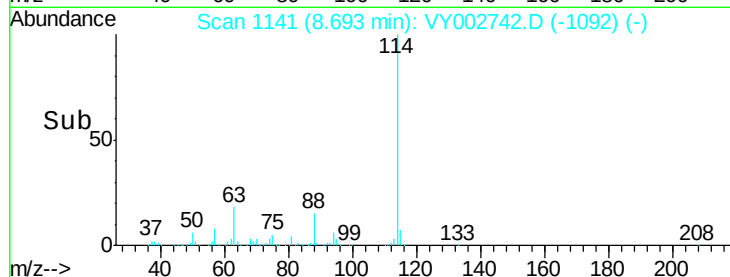
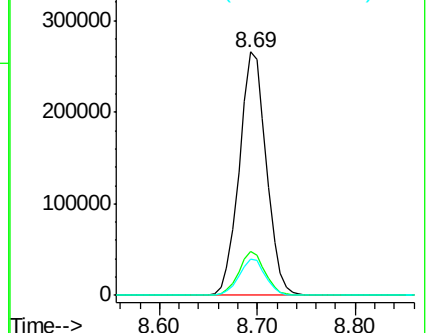
88 15.1 0.0 29.4



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: 53.687 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002742.D

Acq: 21 May 2020 15:40

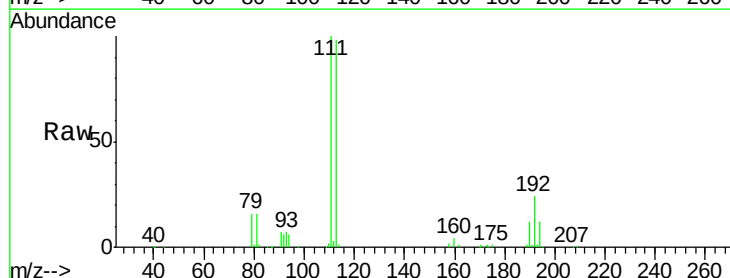
Tgt Ion:113 Resp: 150912

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

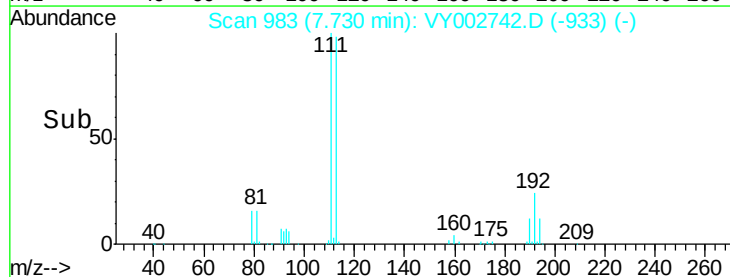
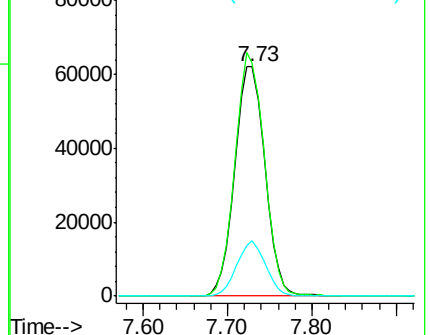
192 22.9 18.6 27.8

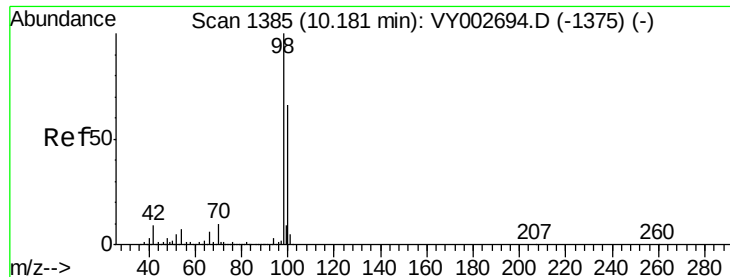


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

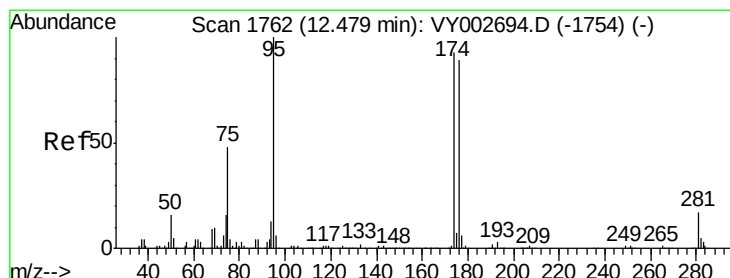
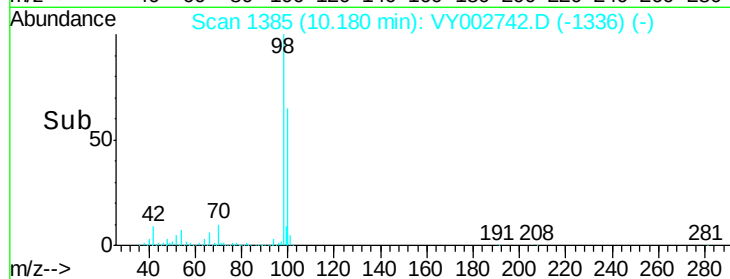
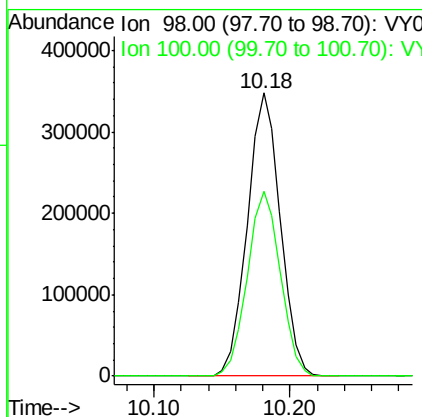
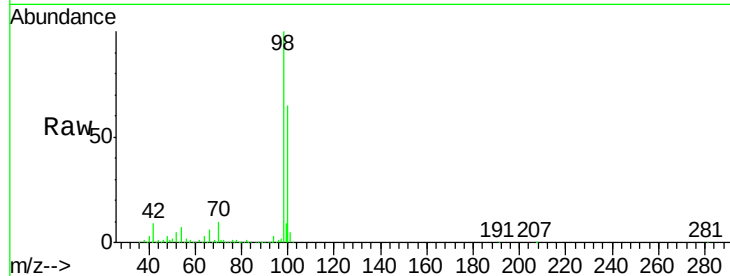




#50
Toluene-d8
Concen: 52.156 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY002742.D
Acq: 21 May 2020 15:40

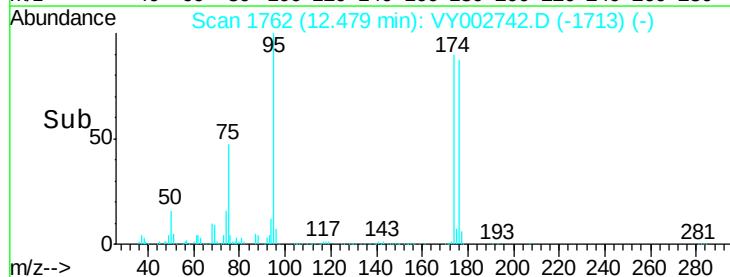
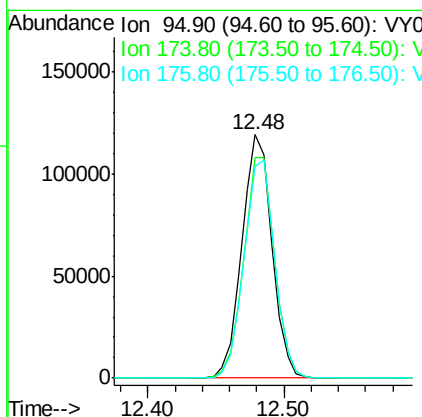
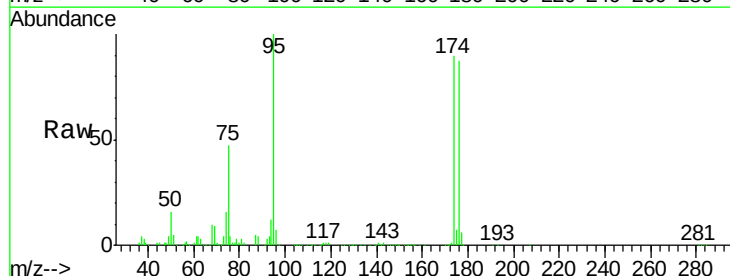
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-052020

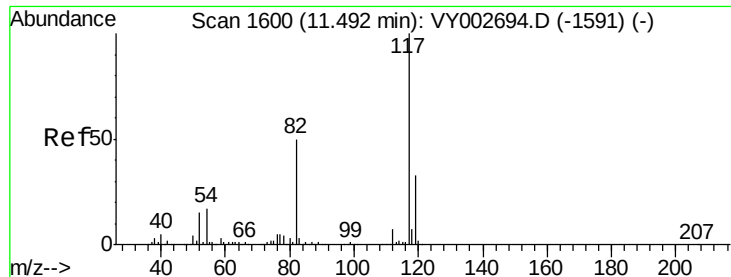
Tot Ion: 98 Resp: 590259
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.213 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY002742.D
Acq: 21 May 2020 15:40

Tgt Ion: 95 Resp: 183648
Ion Ratio Lower Upper
95 100
174 93.5 0.0 191.4
176 91.3 0.0 186.0

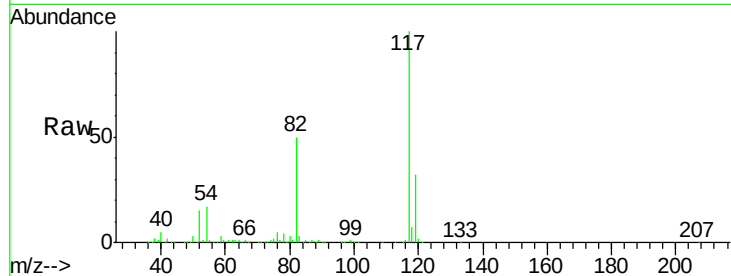




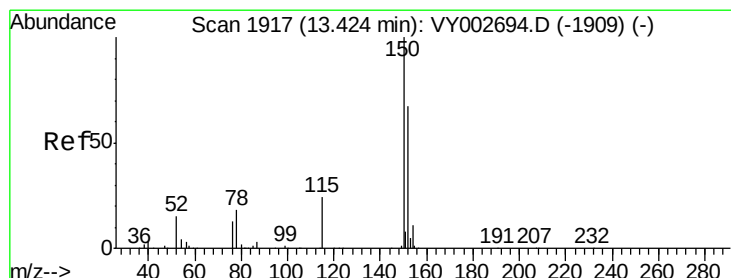
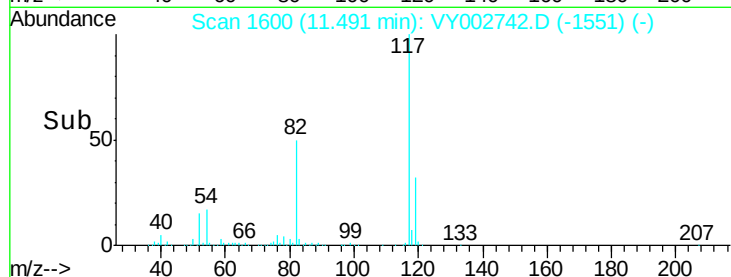
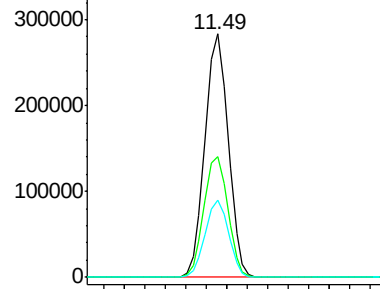
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002742.D
Acq: 21 May 2020 15:40

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-052020

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.3	60.5
119	31.6	26.2	39.4

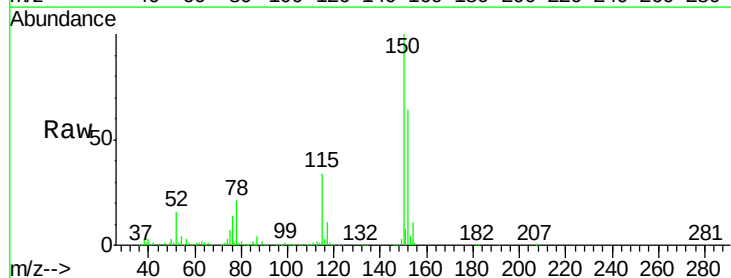


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002742.D
Acq: 21 May 2020 15:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	27.2	81.6
150	155.6	0.0	343.8



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

