

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002700.D
 Acq On : 18 May 2020 10:47
 Operator : SY/MD
 Sample : VY0518SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0518SBL01

Quant Time: May 19 00:17:07 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	297422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	469337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	421687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	208450	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133651	57.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.90%	
35) Dibromofluoromethane	7.73	113	139685	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.18	98	540988	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.48	95	175221	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

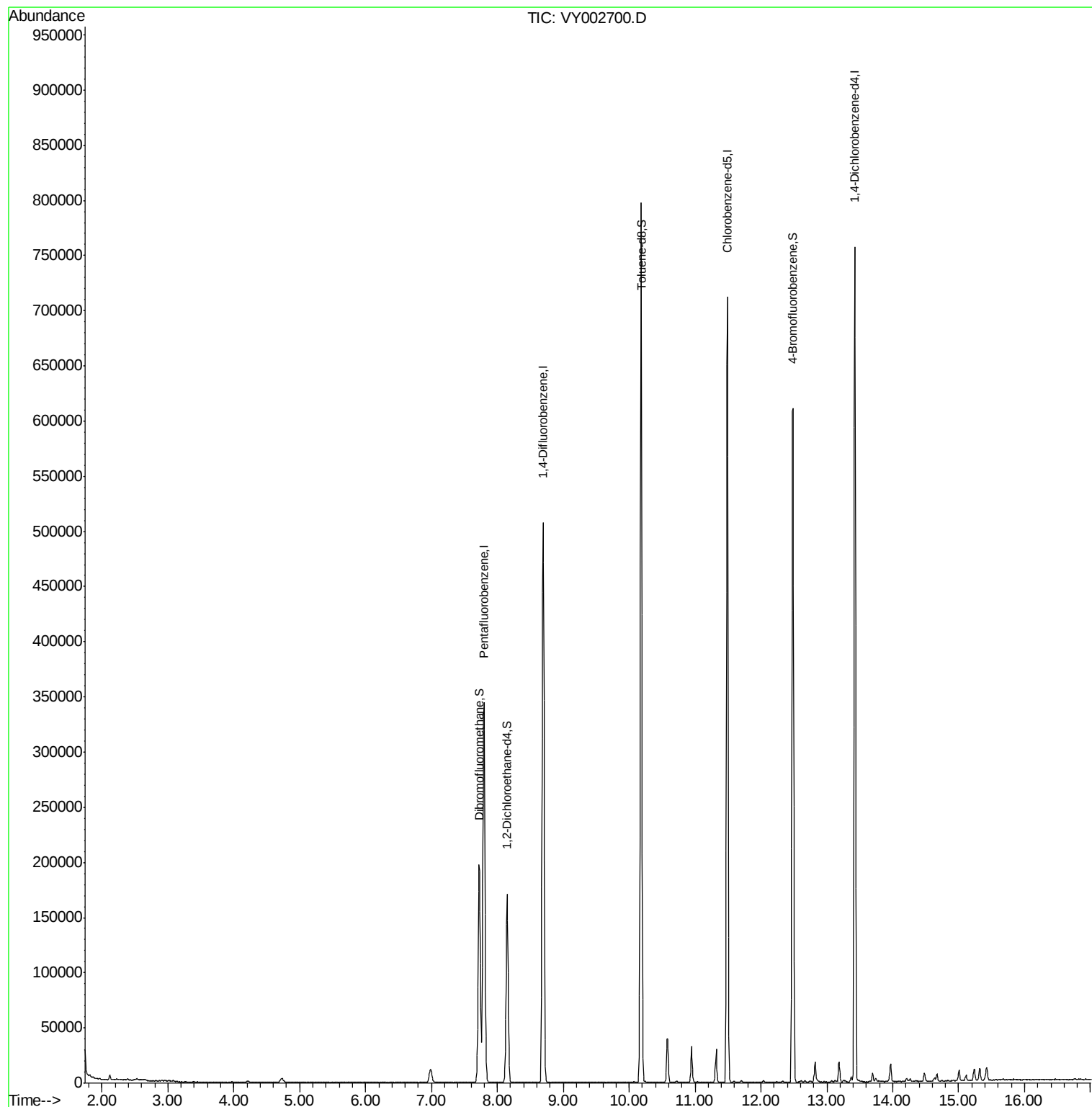
Target Compounds	Qvalue
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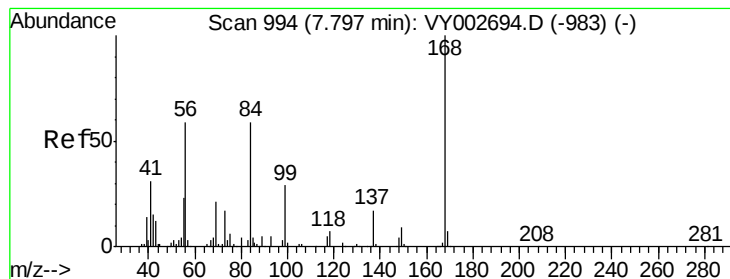
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002700.D

Acq: 18 May 2020 10:47

Instrument :

MSVOA_Y

ClientSampleId :

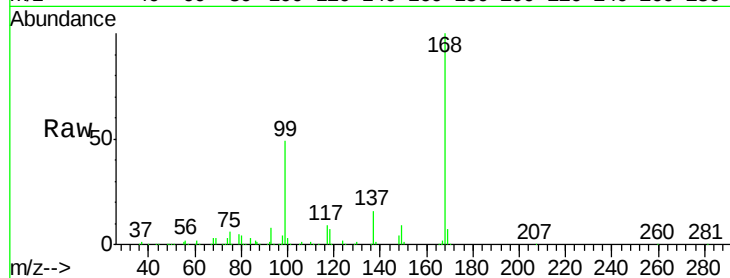
VY0518SBL01

Tot Ion:168 Resp: 297422

Ion Ratio Lower Upper

168 100

99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002700.D

Ion 98.90 (98.60 to 99.60): VY002700.D

7.80

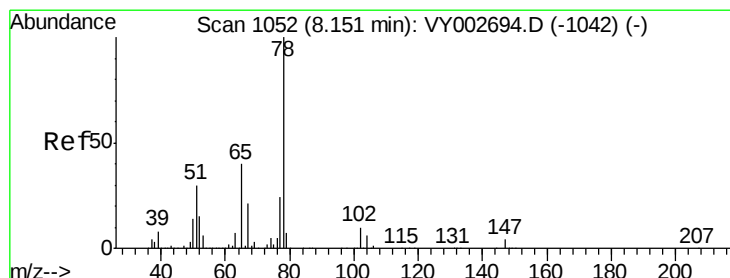
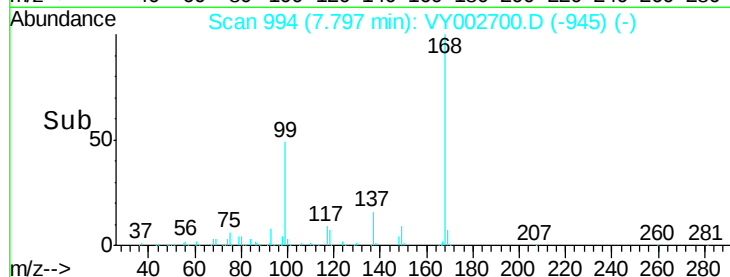
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.448 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY002700.D

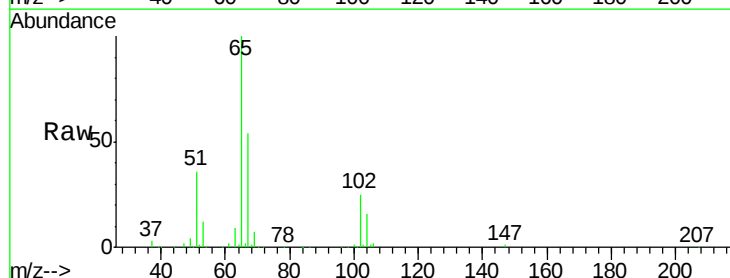
Acq: 18 May 2020 10:47

Tgt Ion: 65 Resp: 133651

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002700.D

Ion 66.90 (66.60 to 67.60): VY002700.D

8.15

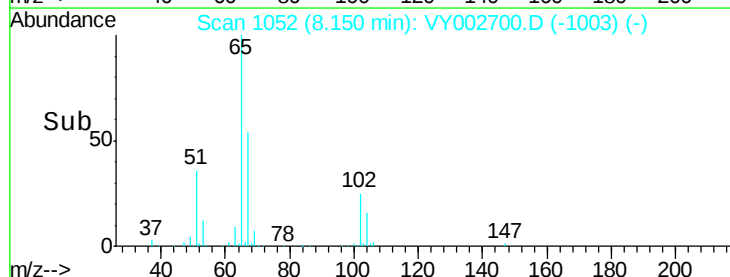
60000

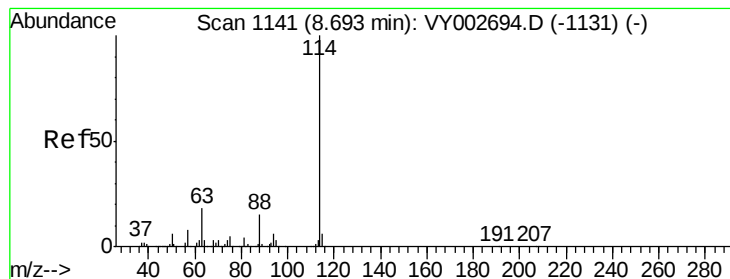
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY002700.D

Acq: 18 May 2020 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0518SBL01

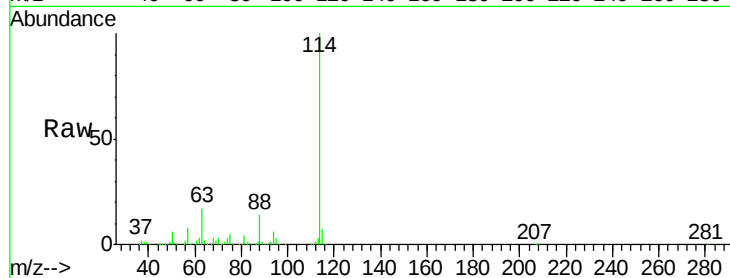
Tot Ion:114 Resp: 469337

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.4

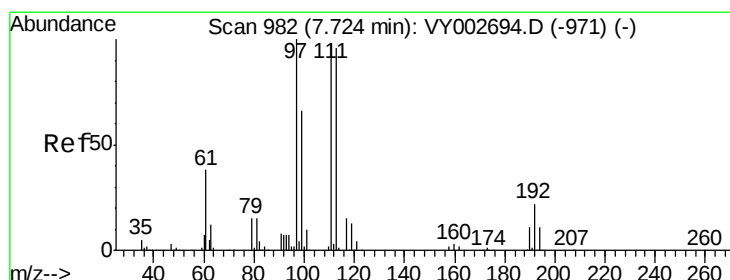
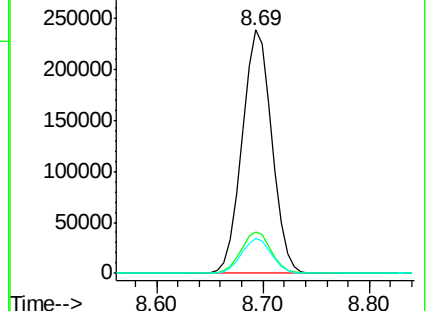
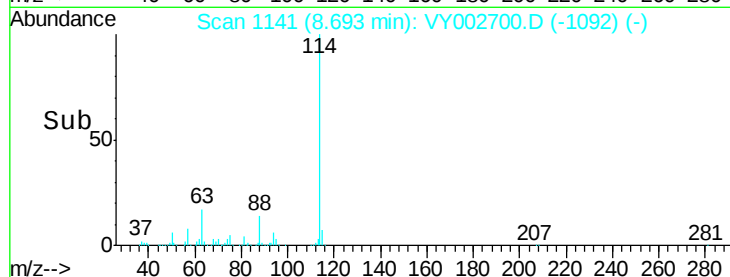
88 14.2 0.0 29.4



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: 53.929 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002700.D

Acq: 18 May 2020 10:47

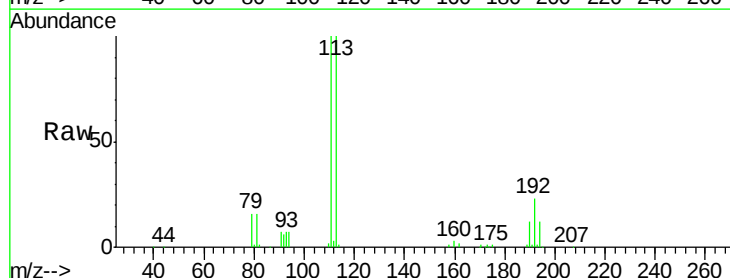
Tgt Ion:113 Resp: 139685

Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

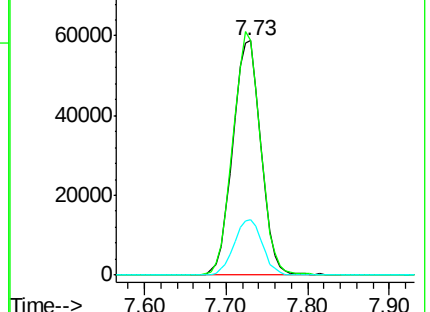
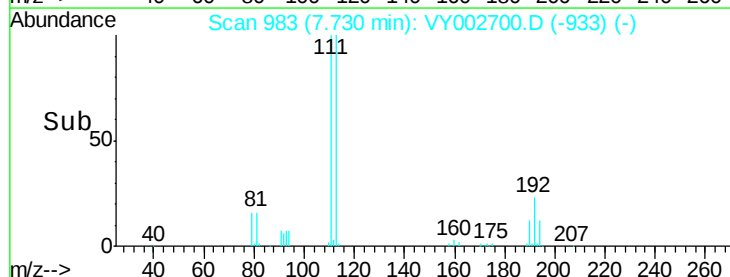
192 23.7 18.6 27.8

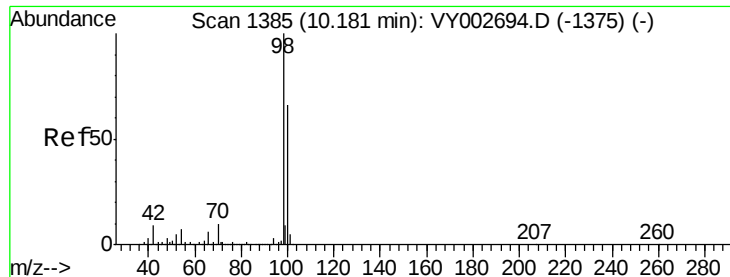


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.877 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY002700.D

Acq: 18 May 2020 10:47

Instrument :

MSVOA_Y

ClientSampleId :

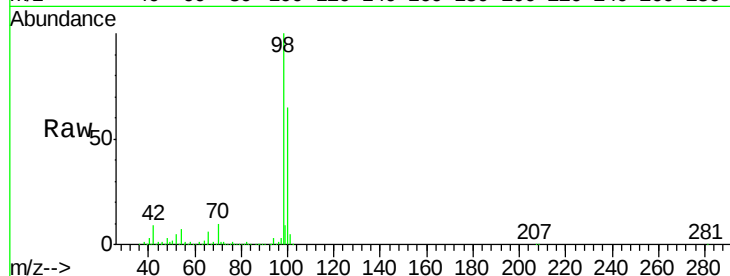
VY0518SBL01

Tot Ion: 98 Resp: 540988

Ion Ratio Lower Upper

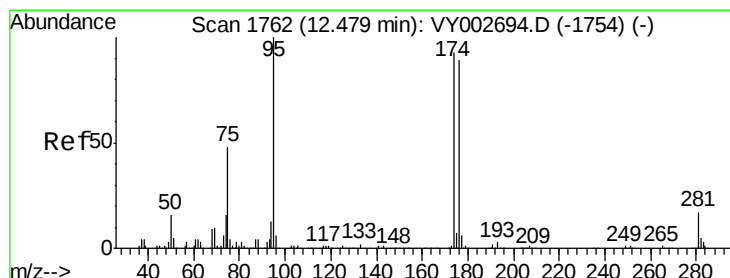
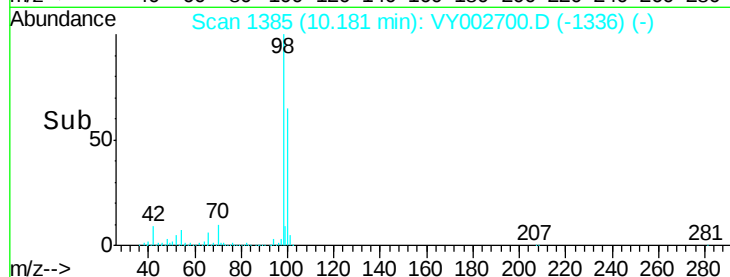
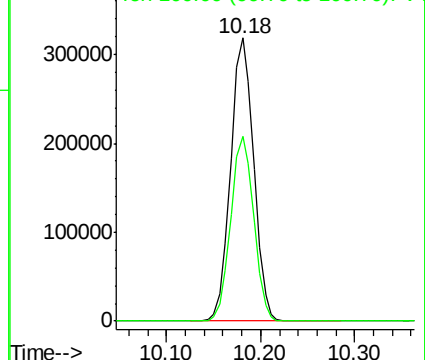
98 100

100 65.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 48.887 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY002700.D

Acq: 18 May 2020 10:47

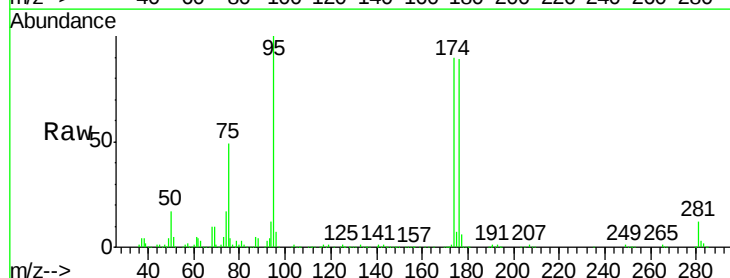
Tgt Ion: 95 Resp: 175221

Ion Ratio Lower Upper

95 100

174 95.7 0.0 191.4

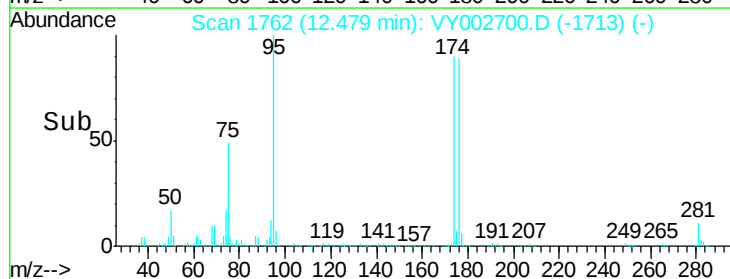
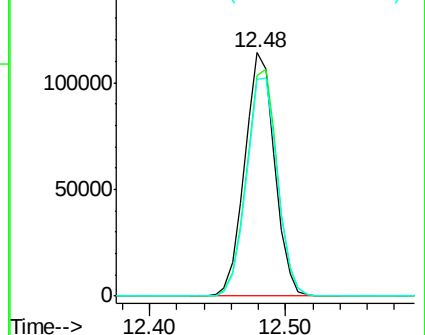
176 92.9 0.0 186.0

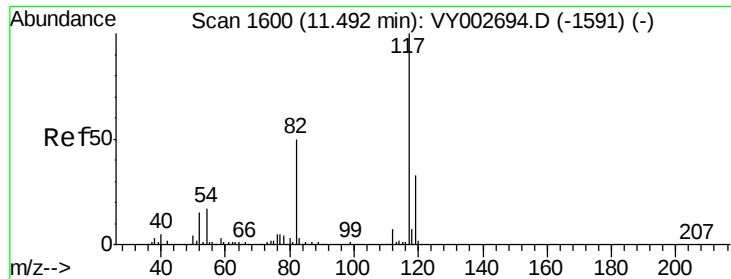


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

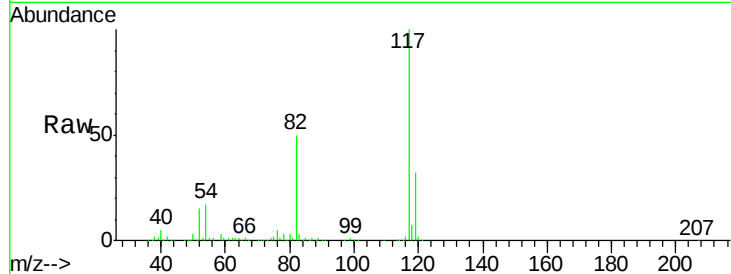




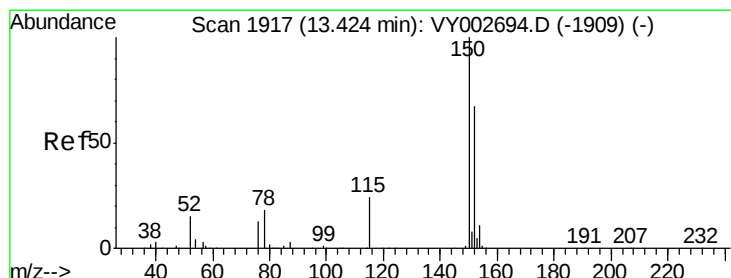
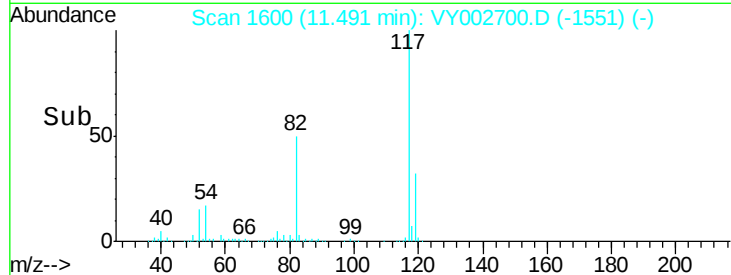
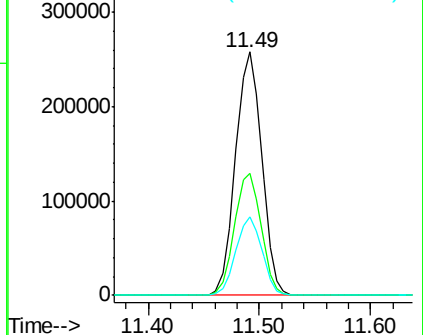
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY002700.D
Acq: 18 May 2020 10:47

Instrument :
MSVOA_Y
ClientSampleId :
VY0518SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.0	40.3	60.5
119	32.5	26.2	39.4

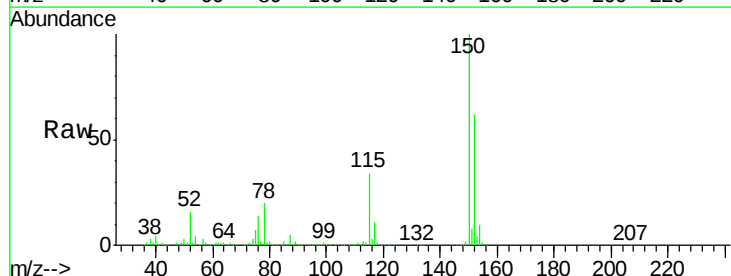


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY002700.D
Acq: 18 May 2020 10:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.2	81.6
150	157.1	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

