

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY052120\
 Data File : VY002744.D
 Acq On : 21 May 2020 16:29
 Operator : SY/MD
 Sample : L2742-02
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: May 21 17:10:36 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	315949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	507253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	473171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	245570	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	152074	61.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.06%	
35) Dibromofluoromethane	7.72	113	154429	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
50) Toluene-d8	10.18	98	597522	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.48	95	206989	53.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.86%	

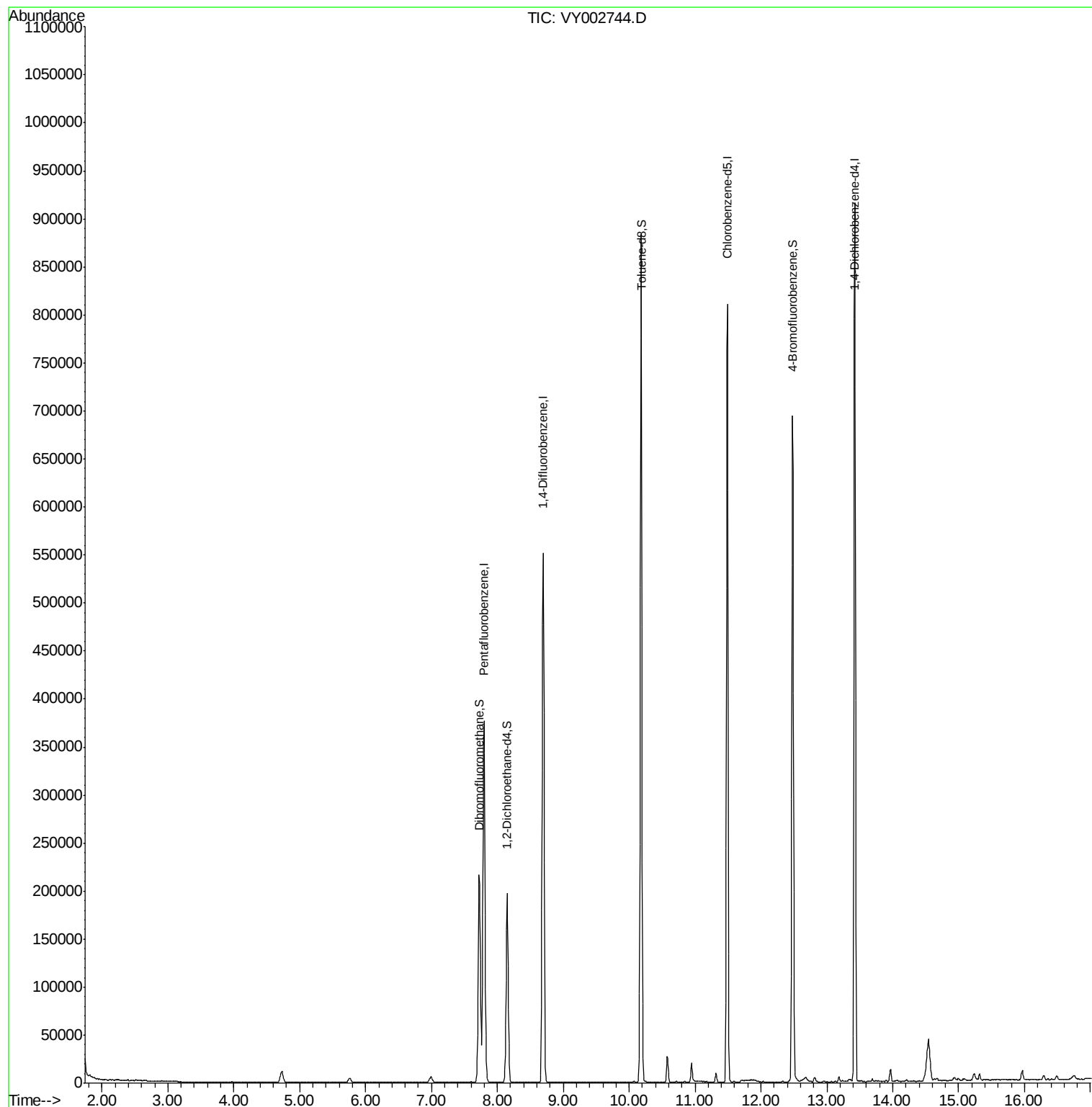
Target Compounds	Qvalue
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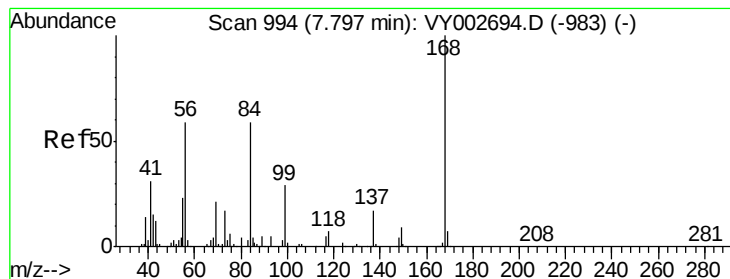
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002744.D

Acq: 21 May 2020 16:29

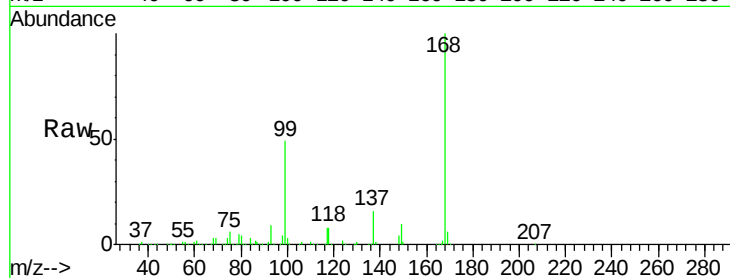
Instrument :
MSVOA_Y
ClientSampled :
VOC

Tot Ion:168 Resp: 315949

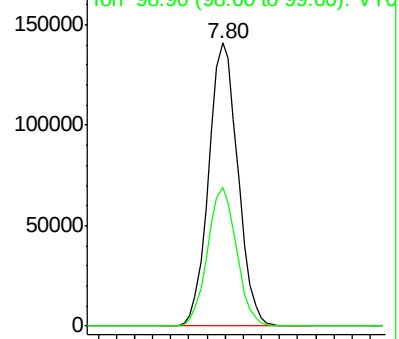
Ion Ratio Lower Upper

168 100

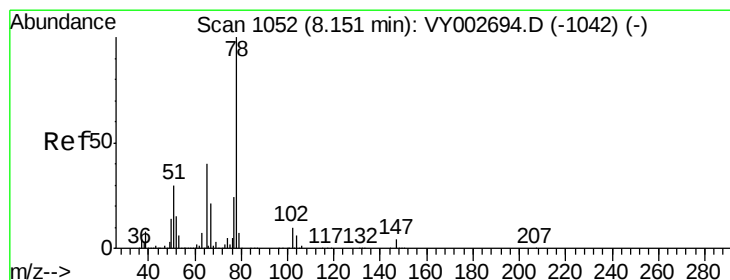
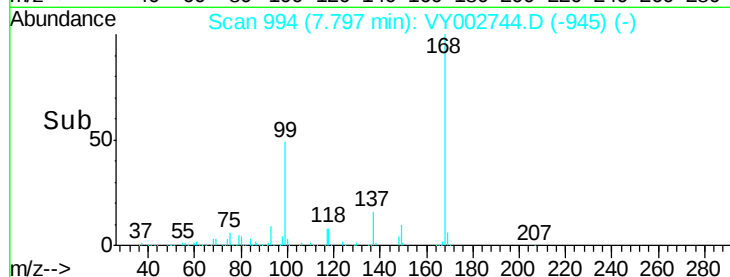
99 48.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)



Time-->



#33

1,2-Dichloroethane-d4

Concen: 61.534 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002744.D

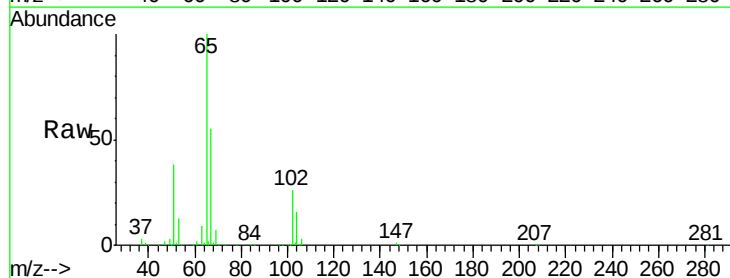
Acq: 21 May 2020 16:29

Tgt Ion: 65 Resp: 152074

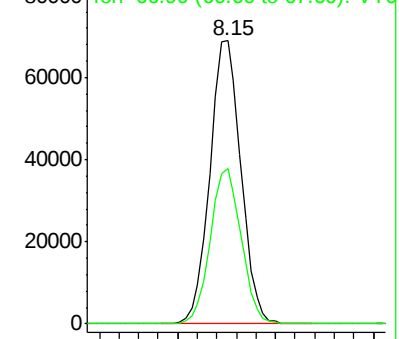
Ion Ratio Lower Upper

65 100

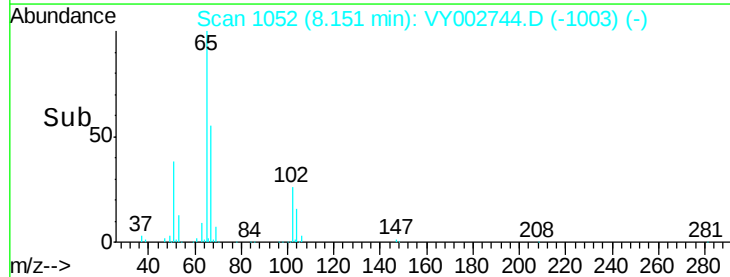
67 54.5 0.0 109.0

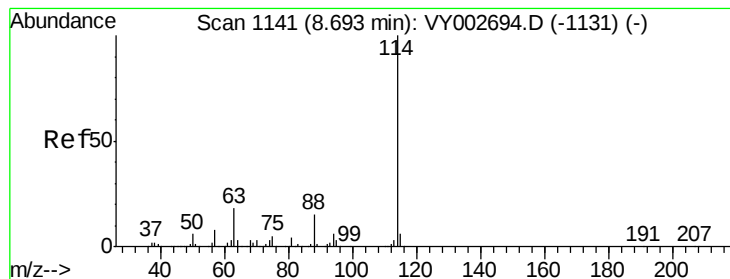


Abundance Ion 64.90 (64.60 to 65.60): VY002694.D (-1042) (-)



Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002744.D

Acq: 21 May 2020 16:29

Instrument :

MSVOA_Y

ClientSampleId :

VOC

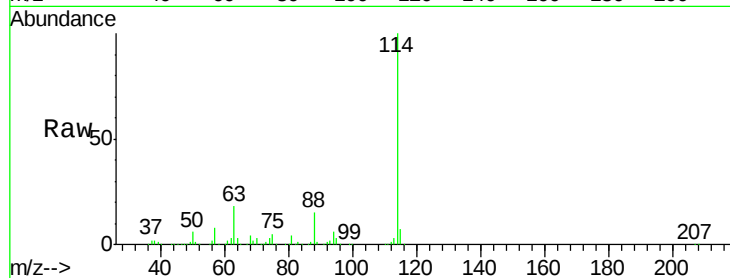
Tot Ion:114 Resp: 507253

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.4

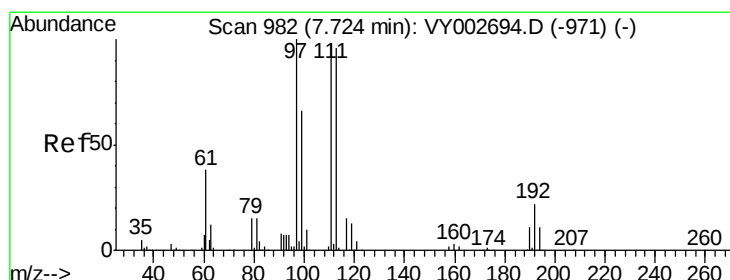
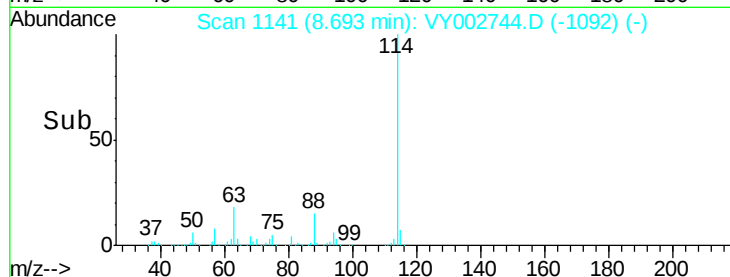
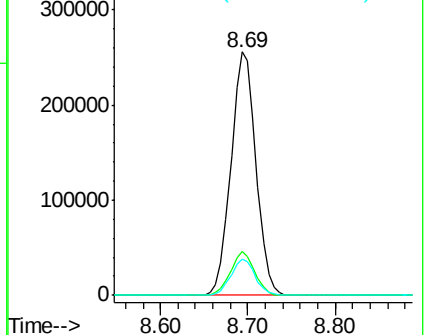
88 14.8 0.0 29.4



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: 55.165 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002744.D

Acq: 21 May 2020 16:29

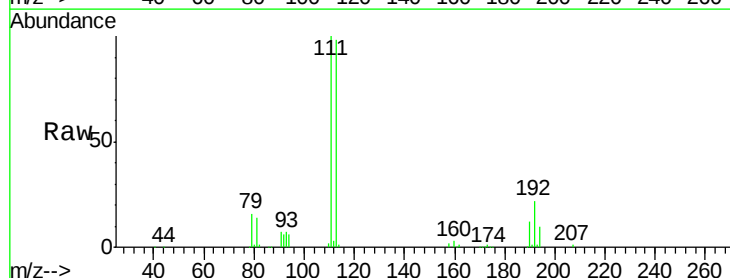
Tgt Ion:113 Resp: 154429

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

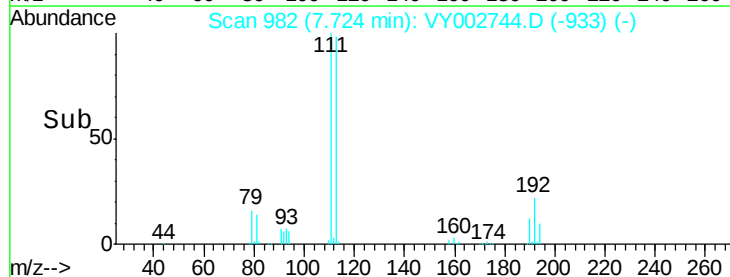
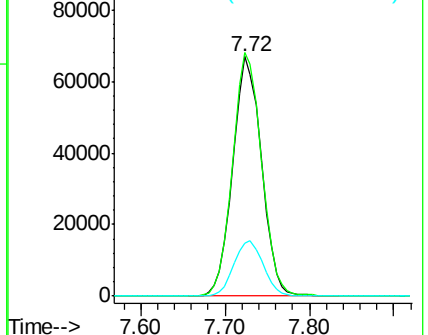
192 23.5 18.6 27.8

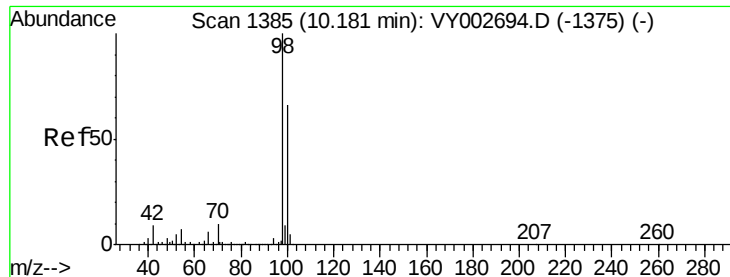


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.016 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002744.D

Acq: 21 May 2020 16:29

Instrument :

MSVOA_Y

ClientSampled :

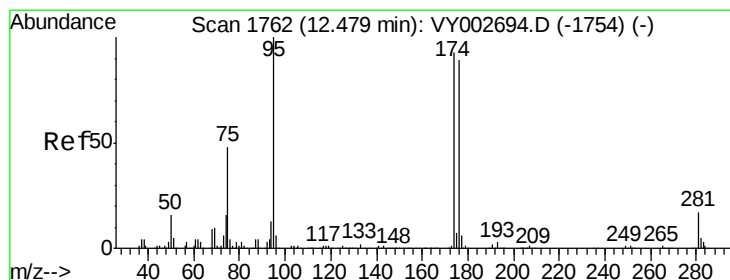
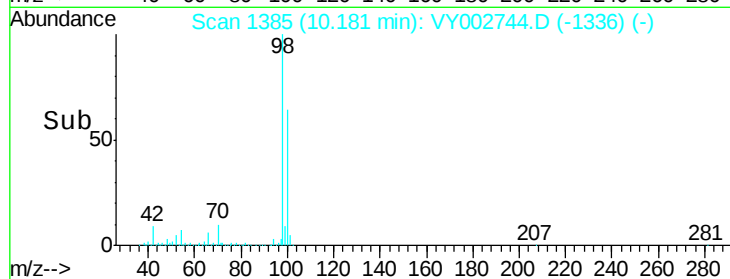
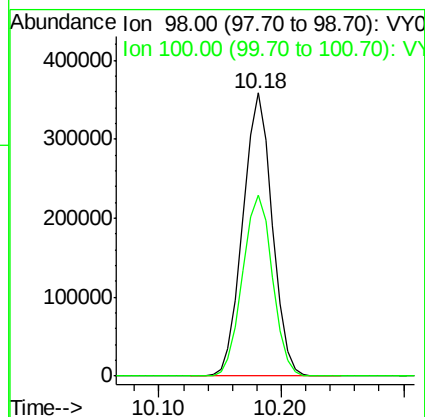
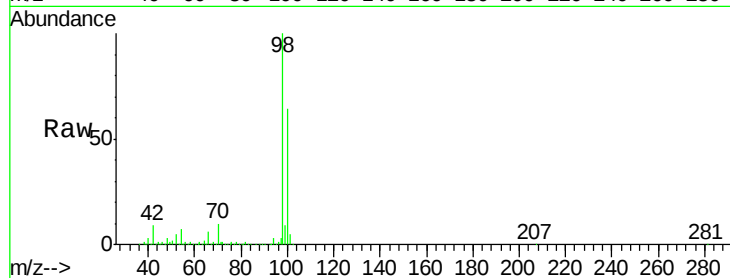
VOC

Tot Ion: 98 Resp: 597522

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 53.434 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002744.D

Acq: 21 May 2020 16:29

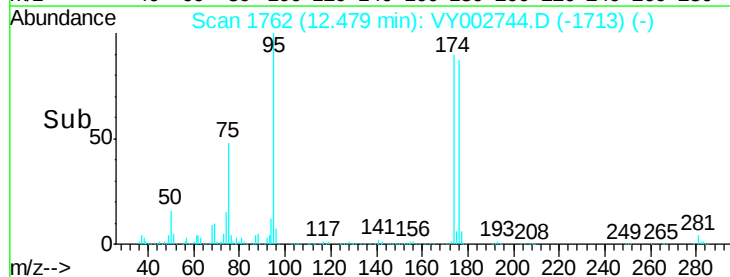
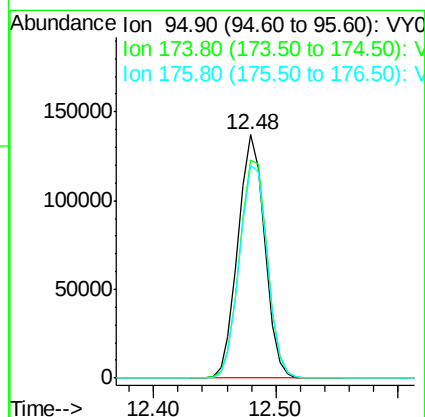
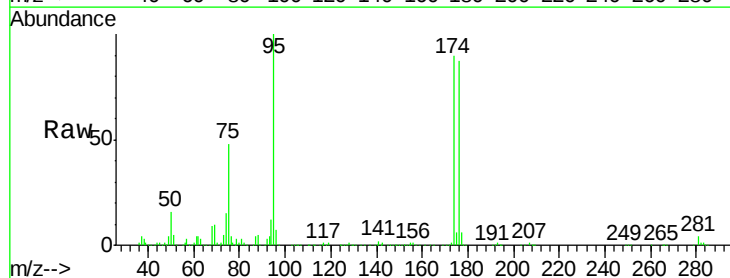
Tgt Ion: 95 Resp: 206989

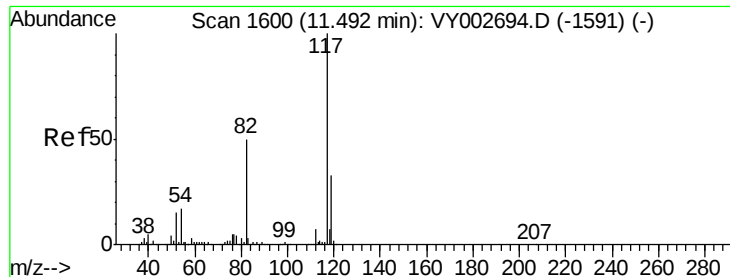
Ion Ratio Lower Upper

95 100

174 93.8 0.0 191.4

176 91.0 0.0 186.0

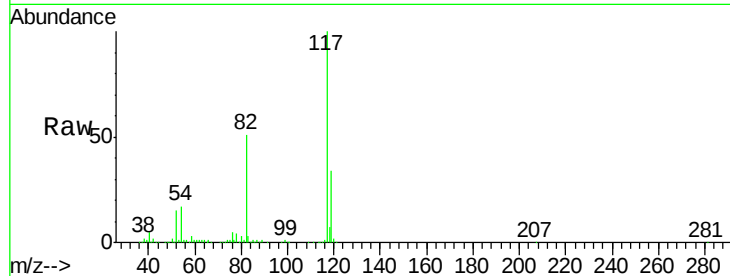




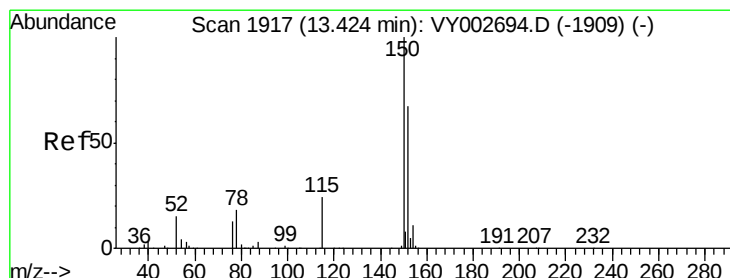
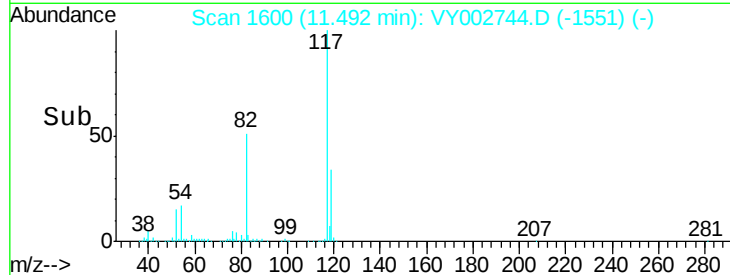
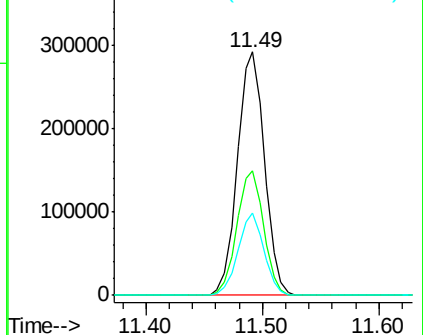
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002744.D
Acq: 21 May 2020 16:29

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tot Ion:117 Resp: 473171
Ion Ratio Lower Upper
117 100
82 51.1 40.3 60.5
119 33.7 26.2 39.4

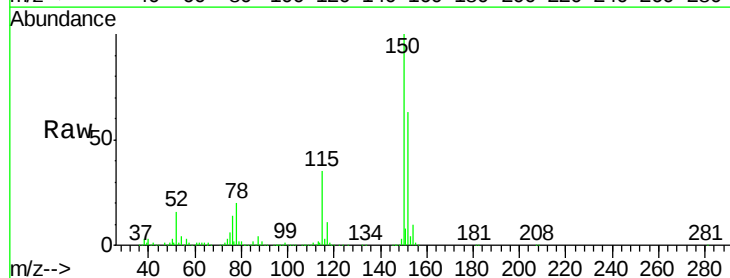


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002744.D
Acq: 21 May 2020 16:29

Tgt Ion:152 Resp: 245570
Ion Ratio Lower Upper
152 100
115 54.1 27.2 81.6
150 156.6 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

