

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051320\
 Data File : VY002685.D
 Acq On : 13 May 2020 15:24
 Operator : SY/MD
 Sample : L2605-04RE
 Misc : 3.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 239997RE

Quant Time: May 14 04:43:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	33125	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	50064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	40267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	13933	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	11781	42.30	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	84.60%	
35) Dibromofluoromethane	7.72	113	13551	47.33	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	10.18	98	56713	50.72	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.48	95	14703	38.75	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	77.50%	

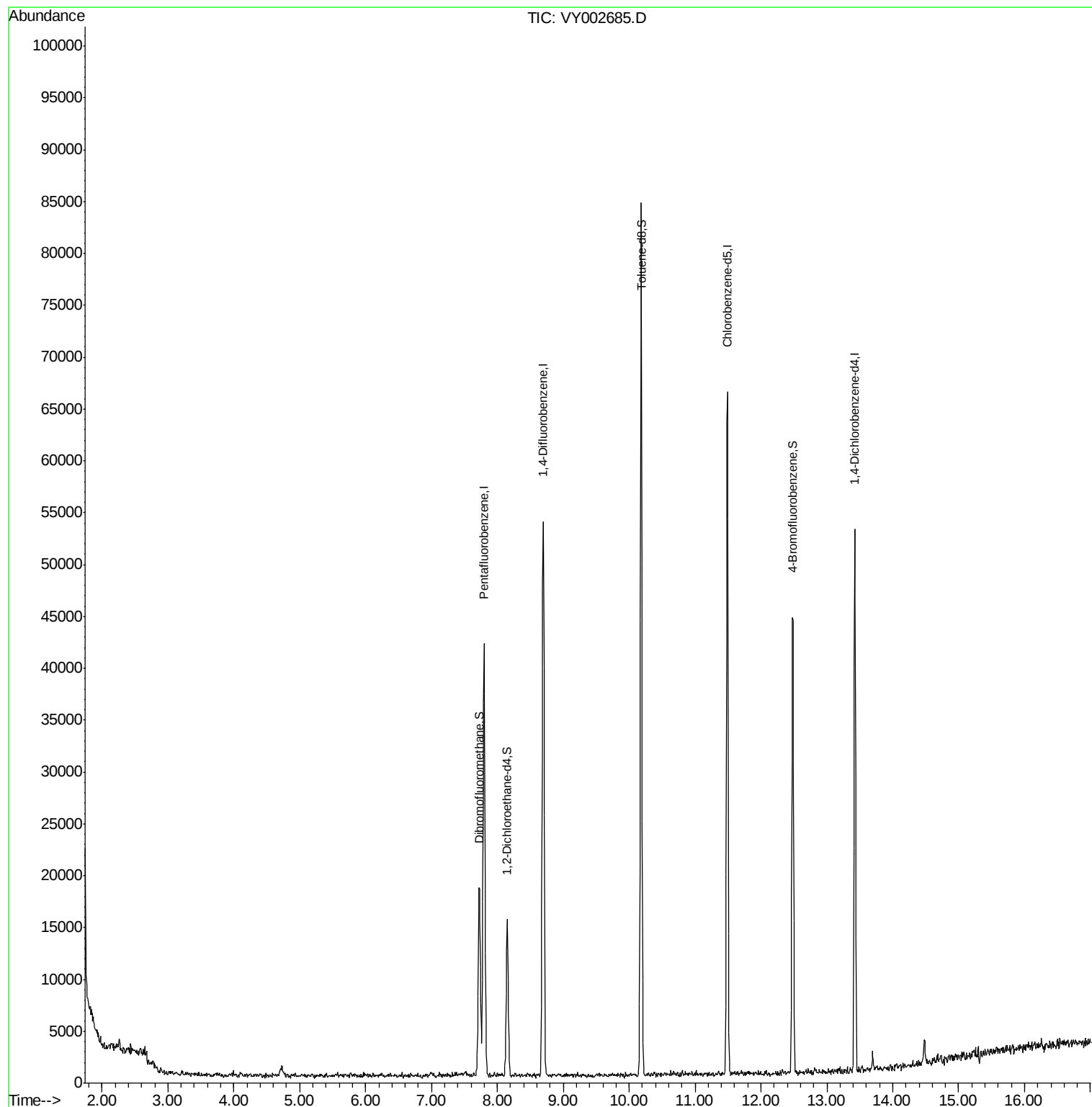
Target Compounds	Qvalue

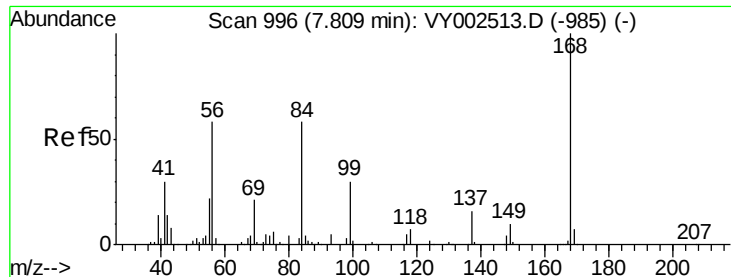
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002685.D

Acq: 13 May 2020 15:24

Instrument :

MSVOA_Y

ClientSampleId :

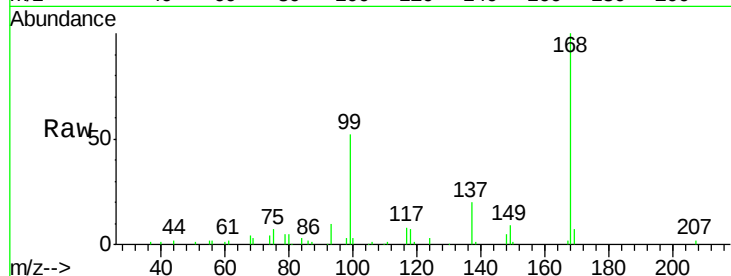
239997RE

Tot Ion:168 Resp: 33125

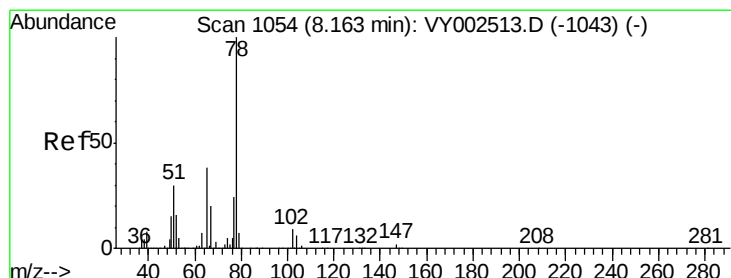
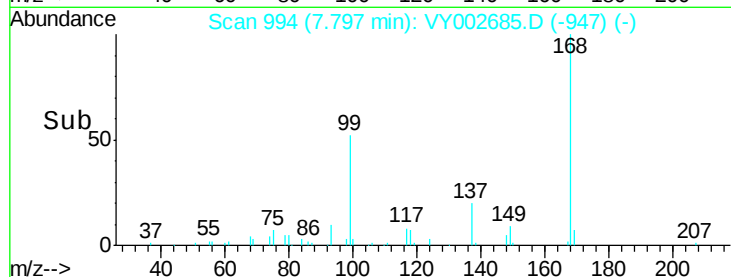
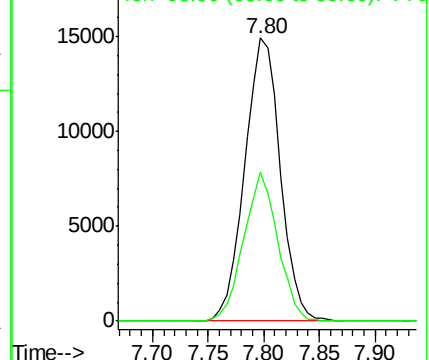
Ion Ratio Lower Upper

168 100

99 52.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002685.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 42.298 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002685.D

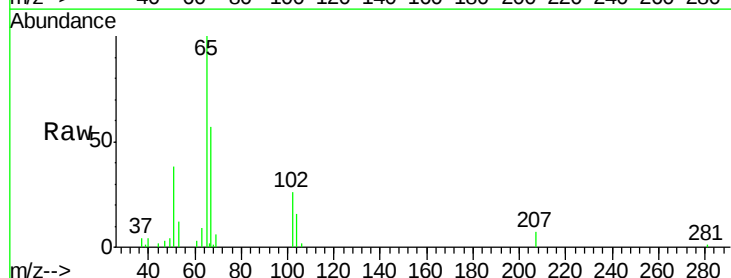
Acq: 13 May 2020 15:24

Tgt Ion: 65 Resp: 11781

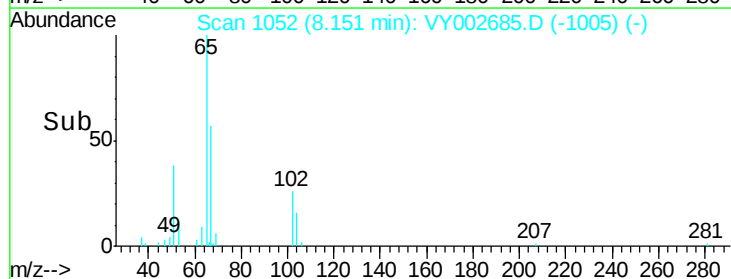
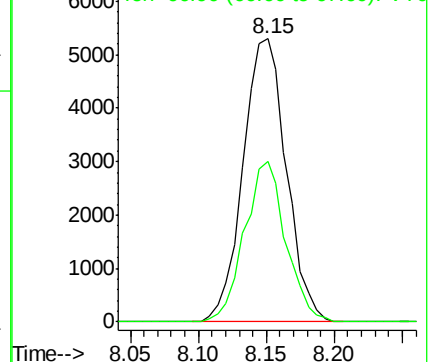
Ion Ratio Lower Upper

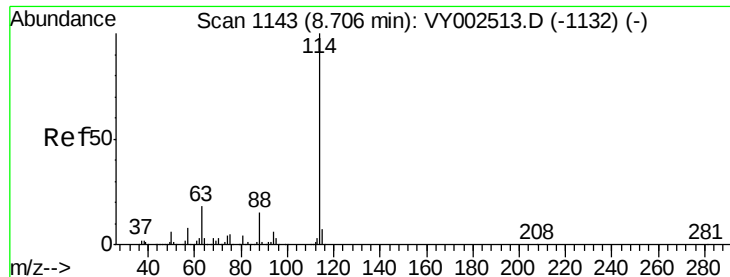
65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002685.D (-1005) (-)

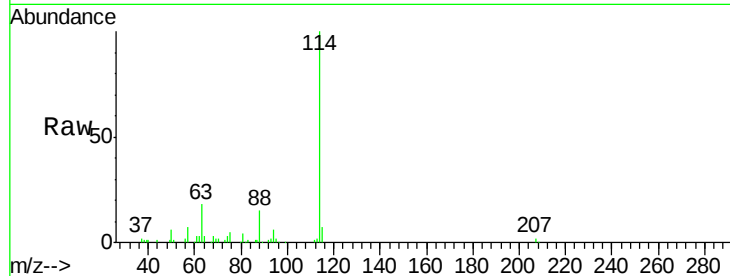




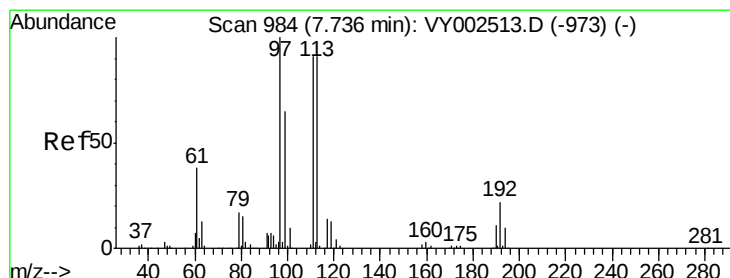
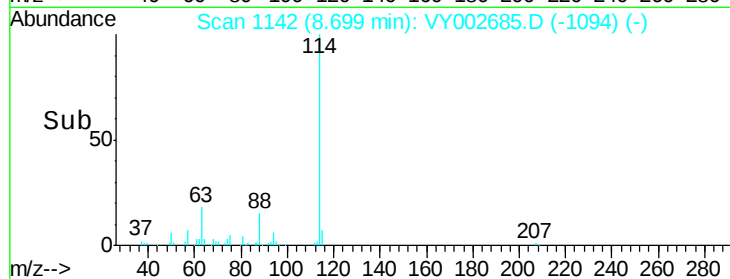
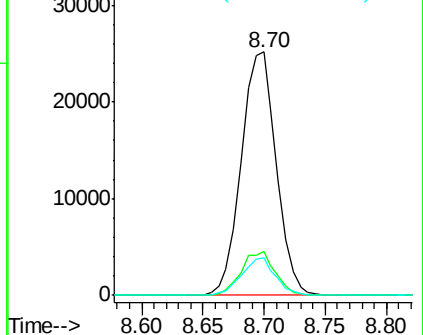
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002685.D
 Acq: 13 May 2020 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 239997RE

Tot Ion:114 Resp: 50064
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.4
 88 15.5 0.0 29.6

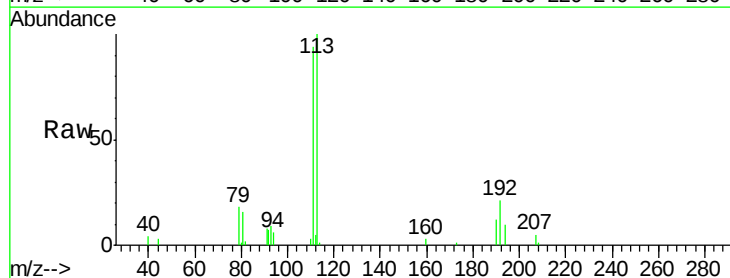


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

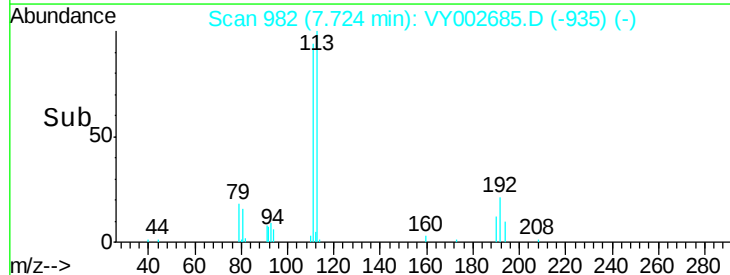
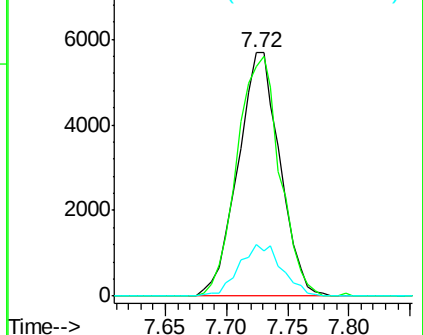


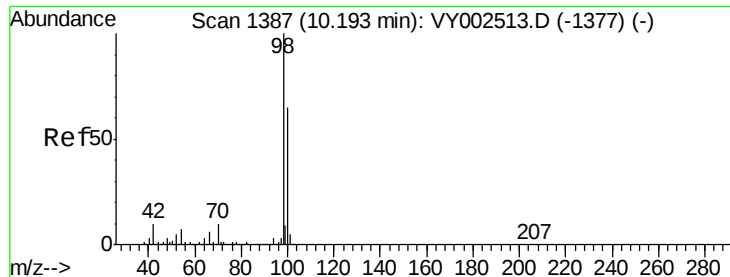
#35
 Dibromofluoromethane
 Concen: 47.329 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002685.D
 Acq: 13 May 2020 15:24

Tgt Ion:113 Resp: 13551
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.8 122.6
 192 21.6 18.2 27.4



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: 50.722 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002685.D

Acq: 13 May 2020 15:24

Instrument :

MSVOA_Y

ClientSampleId :

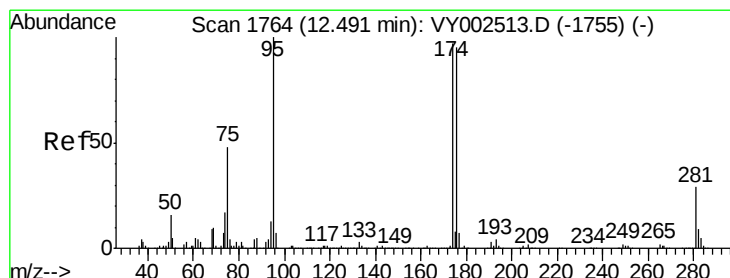
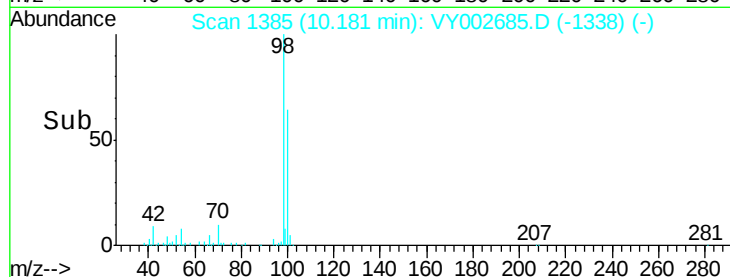
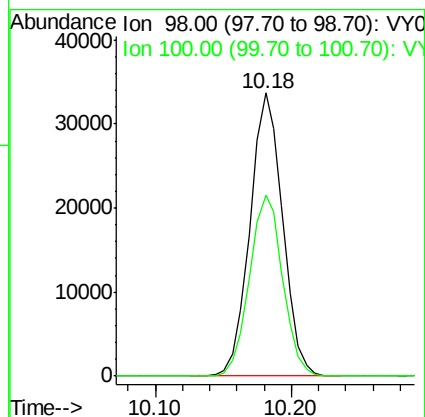
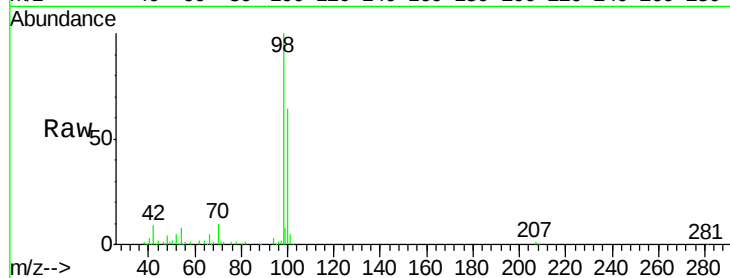
239997RE

Tot Ion: 98 Resp: 56713

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 38.753 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002685.D

Acq: 13 May 2020 15:24

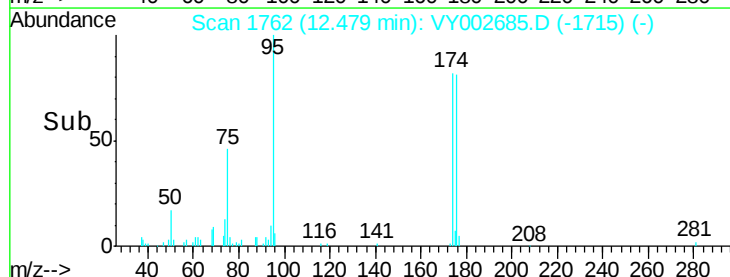
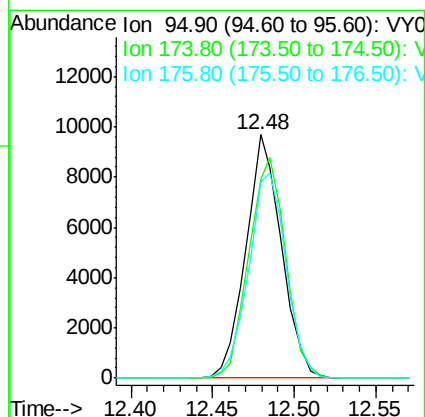
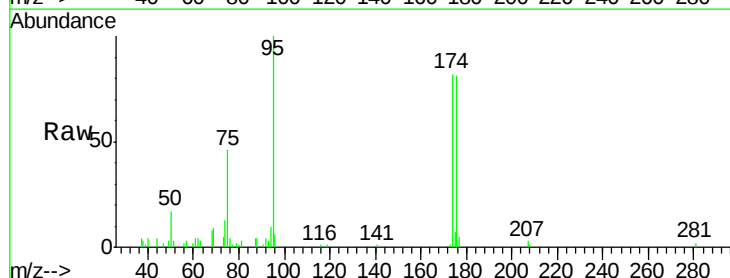
Tgt Ion: 95 Resp: 14703

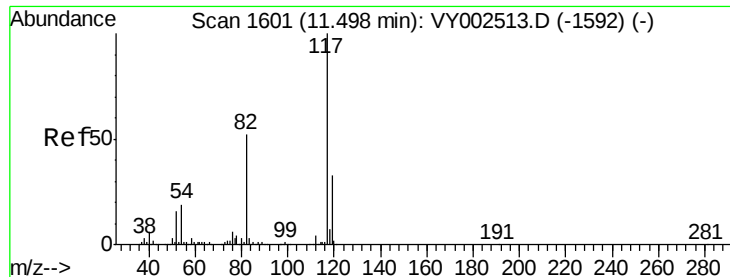
Ion Ratio Lower Upper

95 100

174 93.4 0.0 188.8

176 88.6 0.0 183.2

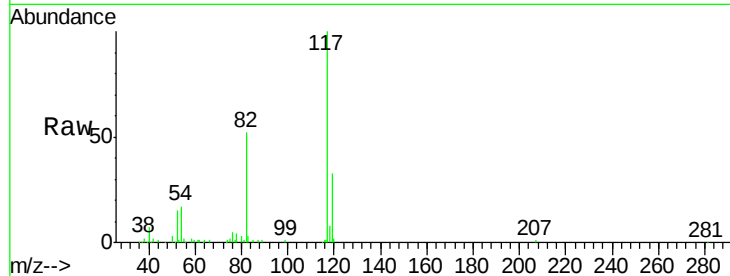




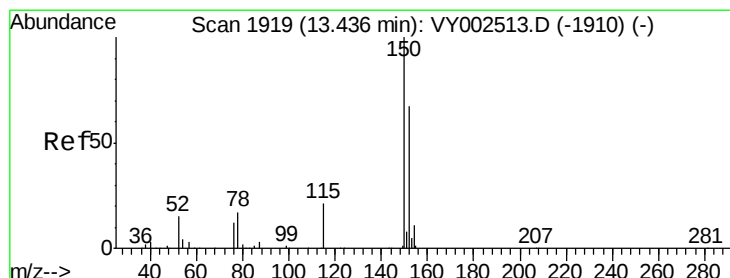
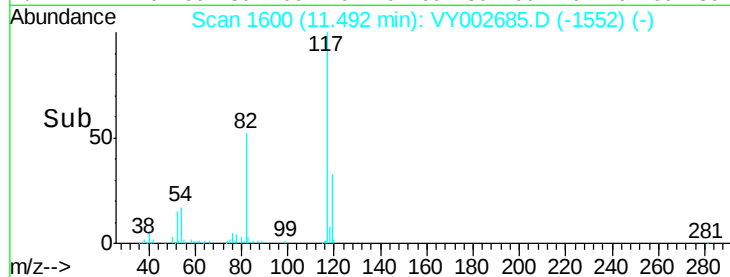
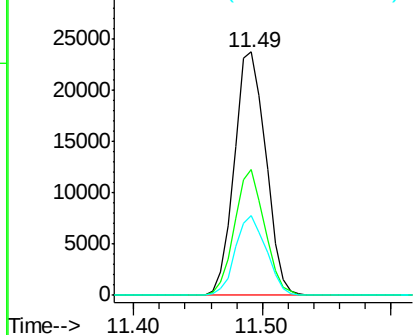
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002685.D
Acq: 13 May 2020 15:24

Instrument :
MSVOA_Y
ClientSampleId :
239997RE

Tot Ion:117 Resp: 40267
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.9 26.0 39.0

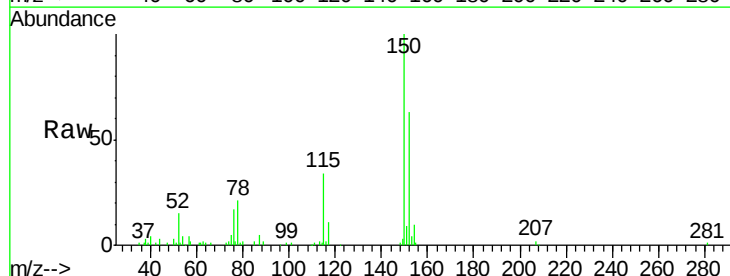


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002685.D
Acq: 13 May 2020 15:24

Tgt Ion:152 Resp: 13933
Ion Ratio Lower Upper
152 100
115 53.9 27.5 82.4
150 157.0 0.0 346.4



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

