

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002395.D
 Acq On : 17 Apr 2020 13:44
 Operator : SY/MD
 Sample : L2271-03
 Misc : 4.85G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-2

Quant Time: Apr 18 06:42:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	125781	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	247338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	231816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94604	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	66148	47.29	ug/l	0.00
Spiked Amount			Recovery	=	94.58%	
35) Dibromofluoromethane	7.74	113	73324	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	10.19	98	297212	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.49	95	95552	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	

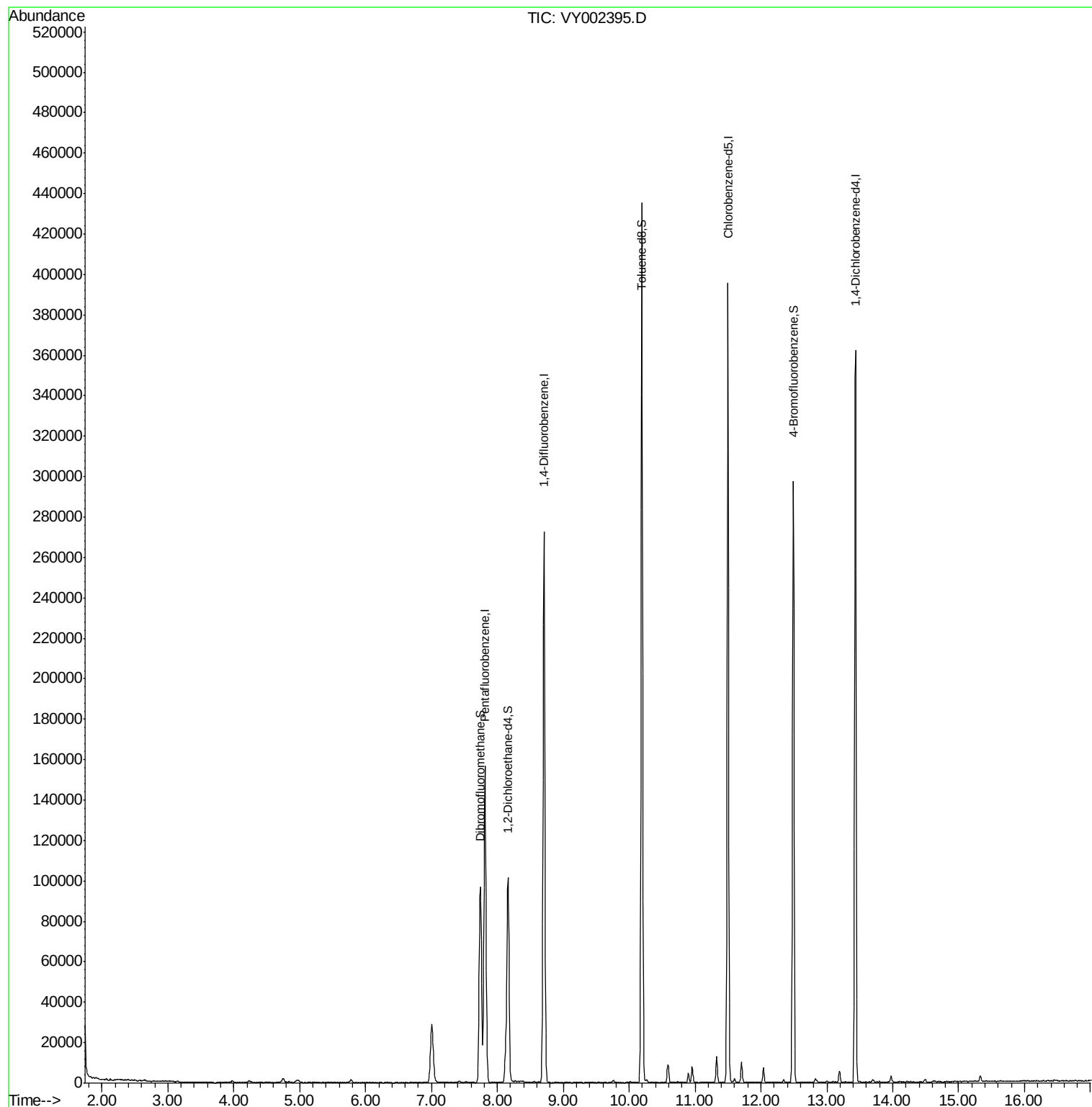
Target Compounds	Qvalue
------------------	--------

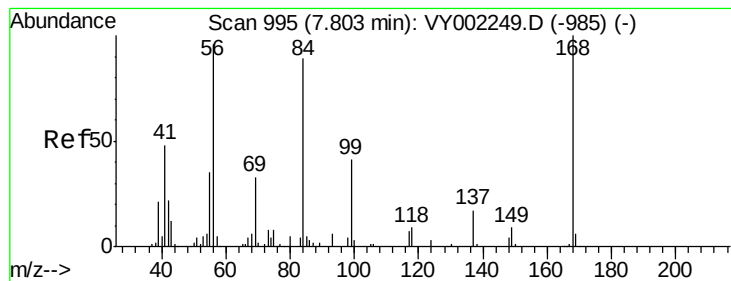
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002395.D
Acq On : 17 Apr 2020 13:44
Operator : SY/MD
Sample : L2271-03
Misc : 4.85G/5ML/MSVOA Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BG-2

Quant Time: Apr 18 06:42:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002395.D

Acq: 17 Apr 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

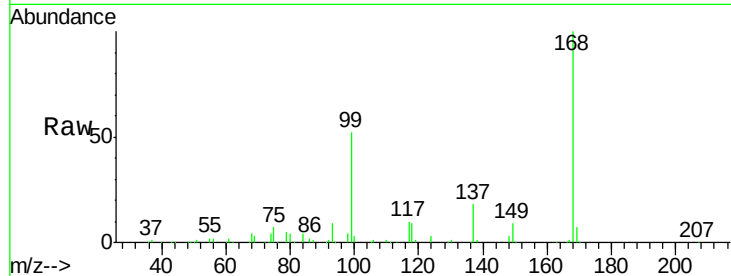
BG-2

Tot Ion:168 Resp: 125781

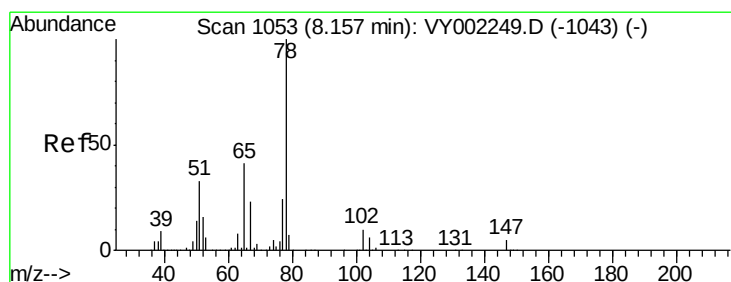
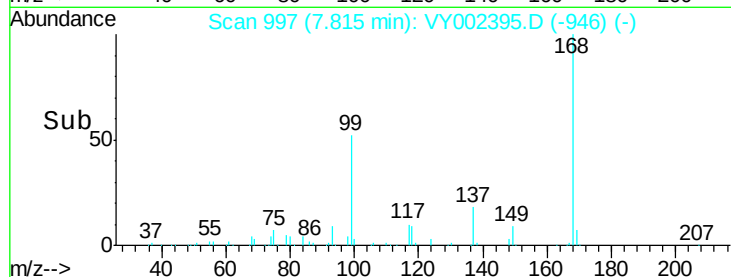
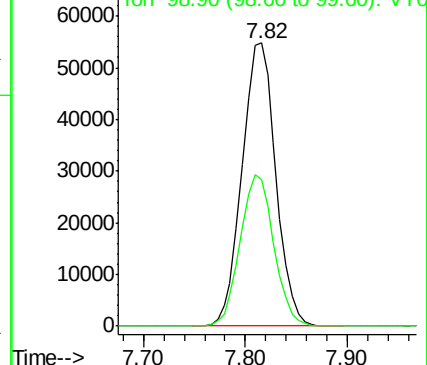
Ion Ratio Lower Upper

168 100

99 51.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 47.290 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002395.D

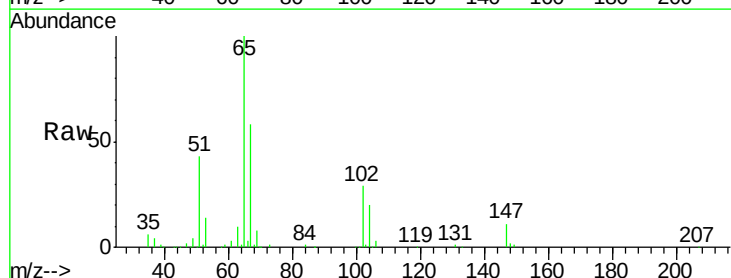
Acq: 17 Apr 2020 13:44

Tgt Ion: 65 Resp: 66148

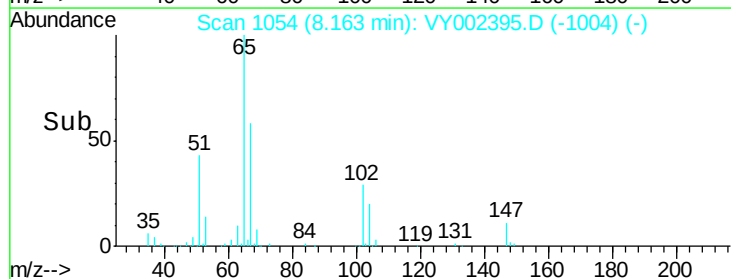
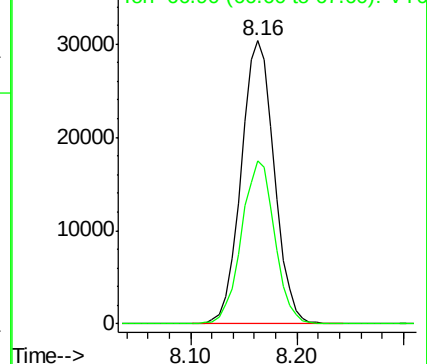
Ion Ratio Lower Upper

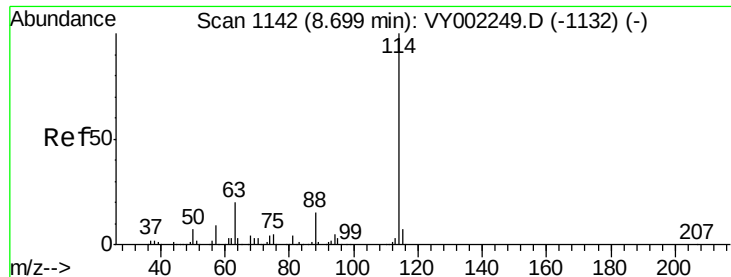
65 100

67 57.9 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002395.D

Acq: 17 Apr 2020 13:44

Instrument :

MSVOA_Y

ClientSampleId :

BG-2

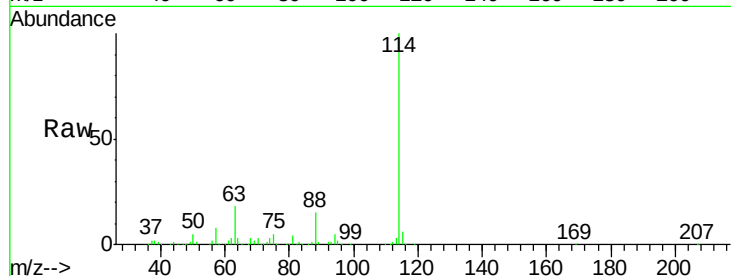
Tot Ion:114 Resp: 247338

Ion Ratio Lower Upper

114 100

63 18.0 0.0 39.0

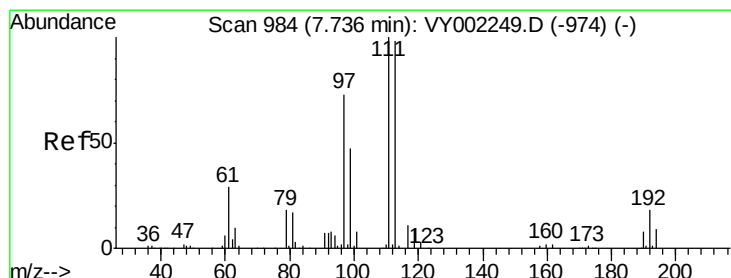
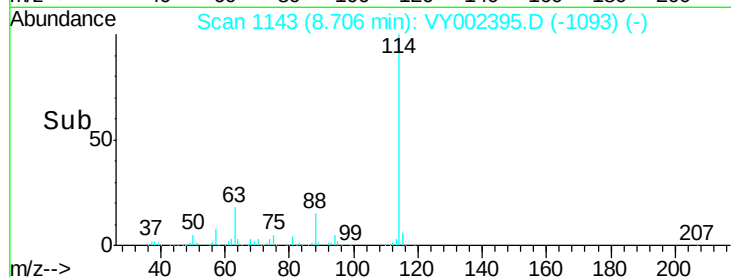
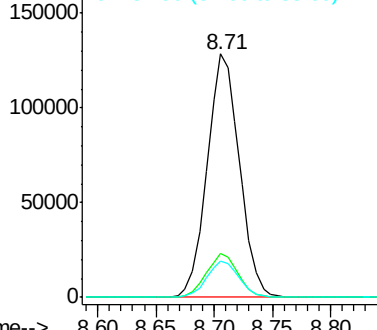
88 15.0 0.0 31.0



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: 49.821 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002395.D

Acq: 17 Apr 2020 13:44

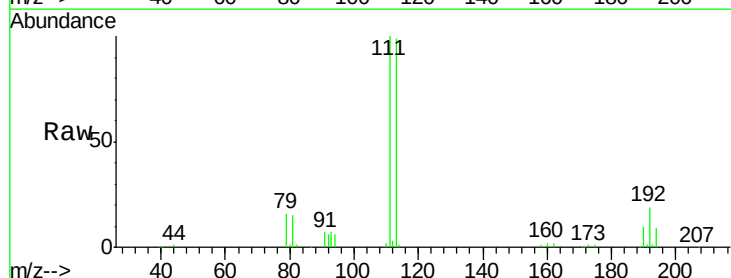
Tgt Ion:113 Resp: 73324

Ion Ratio Lower Upper

113 100

111 101.2 83.5 125.3

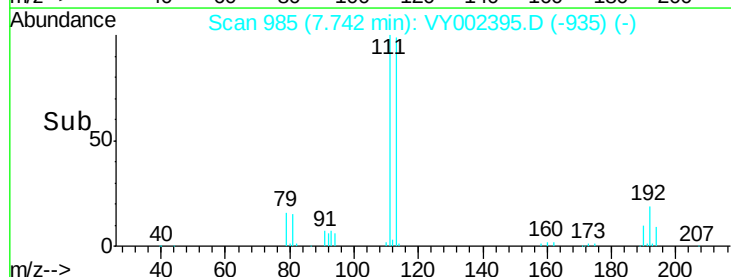
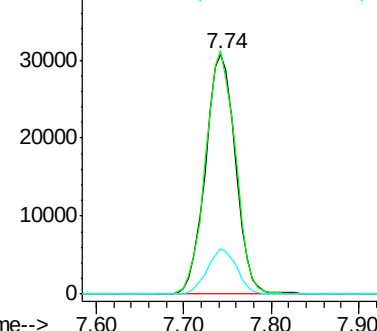
192 18.6 14.7 22.1

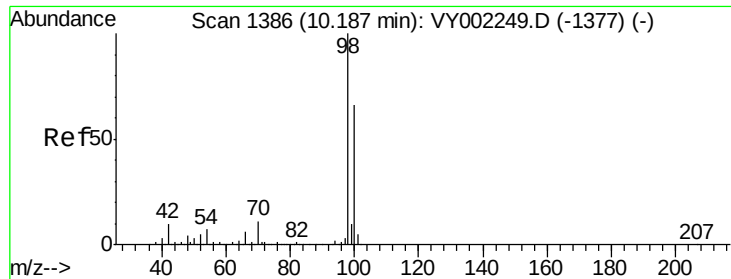


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.248 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002395.D

Acq: 17 Apr 2020 13:44

Instrument :

MSVOA_Y

ClientSampled :

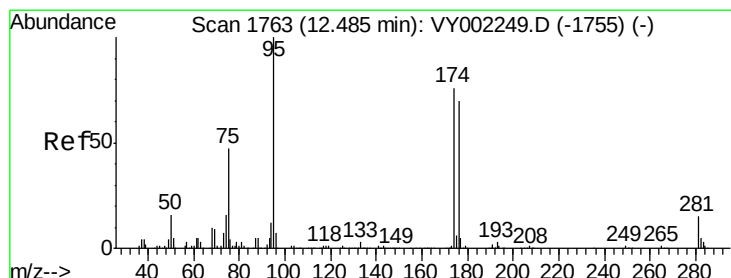
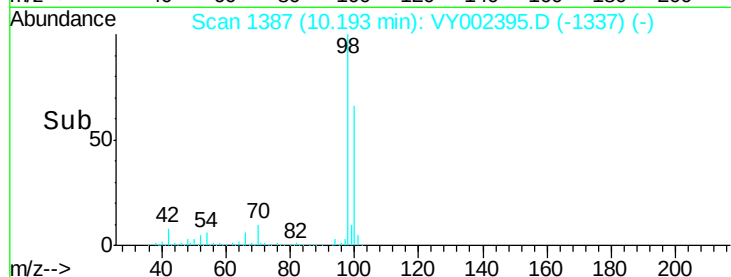
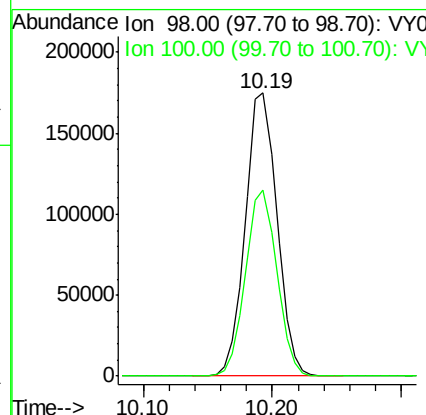
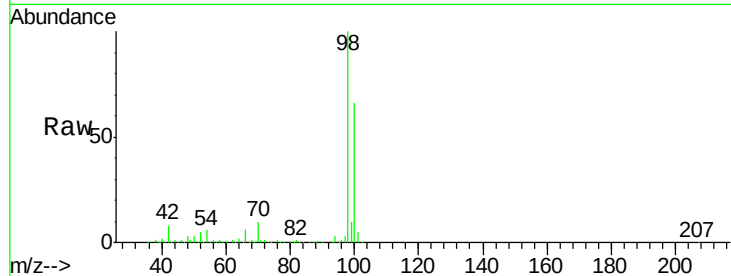
BG-2

Tot Ion: 98 Resp: 297212

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 47.017 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002395.D

Acq: 17 Apr 2020 13:44

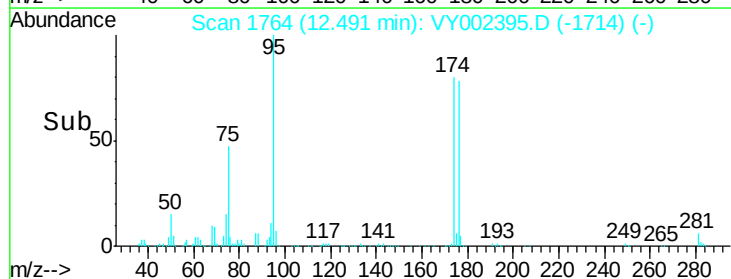
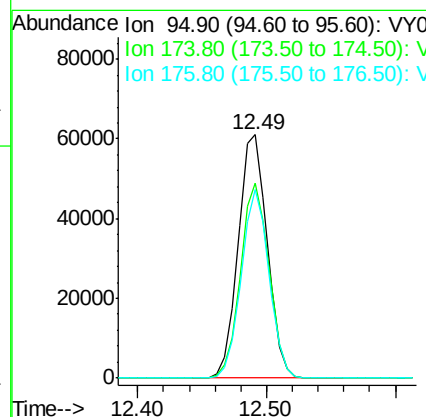
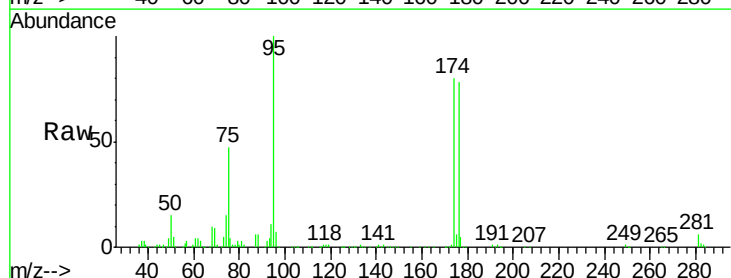
Tgt Ion: 95 Resp: 95552

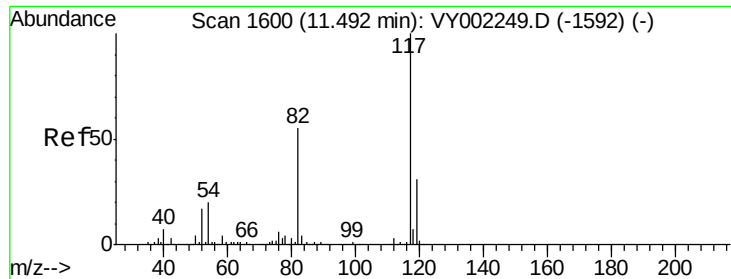
Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.6

176 73.7 0.0 141.4

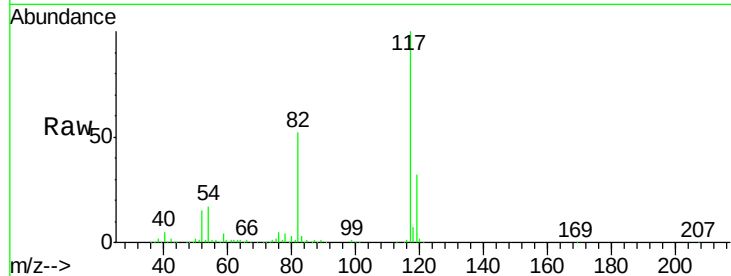




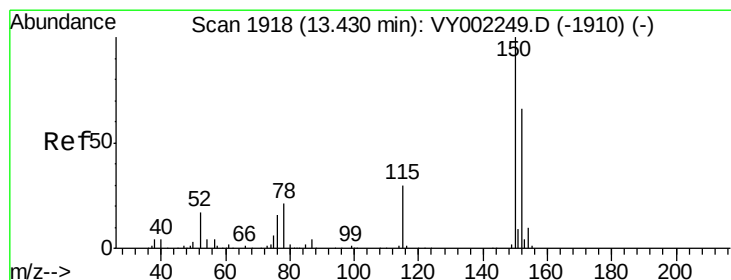
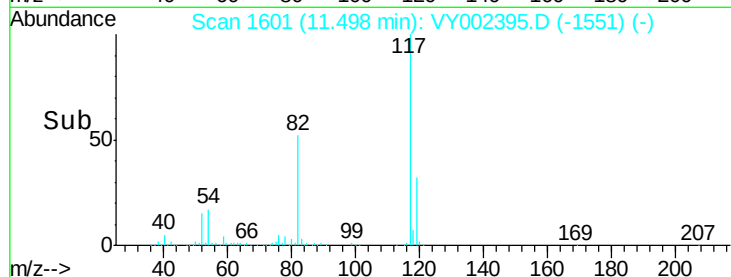
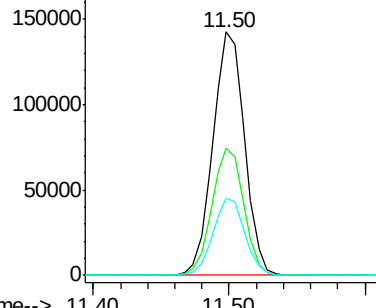
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002395.D
Acq: 17 Apr 2020 13:44

Instrument :
MSVOA_Y
ClientSampleId :
BG-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.2	66.4
119	31.8	25.1	37.7

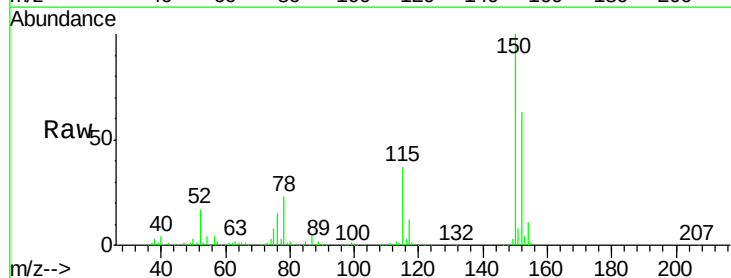


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002395.D
Acq: 17 Apr 2020 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.7	92.1
150	159.6	0.0	350.6



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

