

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002377.D
 Acq On : 16 Apr 2020 19:00
 Operator : SY/MD
 Sample : L2271-04
 Misc : 3.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-4

Quant Time: Apr 17 08:18:06 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	7.81	168	32323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	56139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	44428	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	16180	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	13132	36.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.06%	
35) Dibromofluoromethane	7.74	113	14945	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
50) Toluene-d8	10.19	98	67500	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.49	95	17851	38.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.40%	

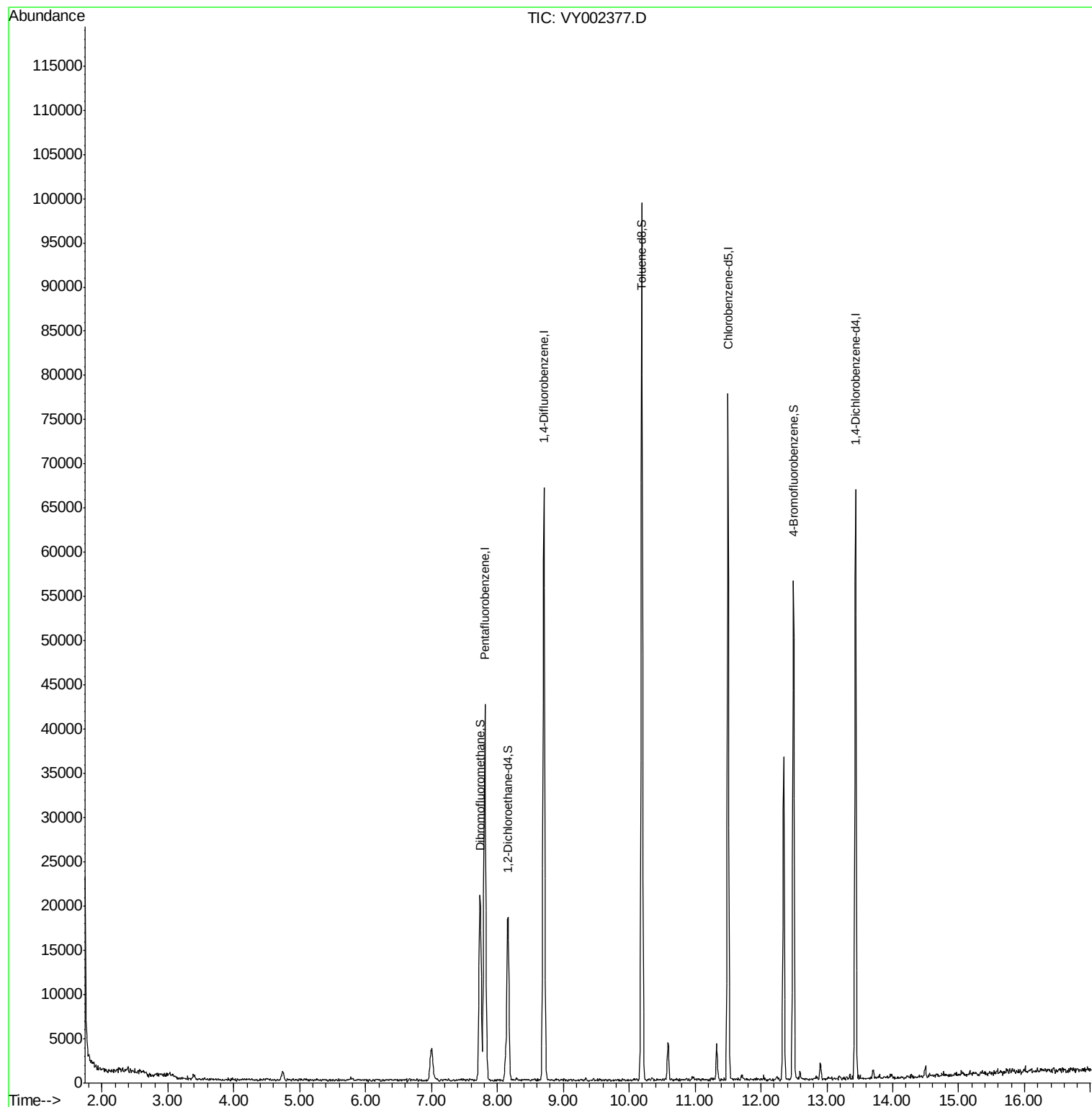
Target Compounds	Qvalue

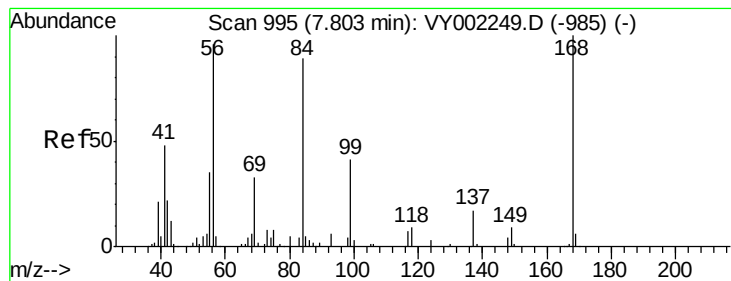
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002377.D

Acq: 16 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampled :

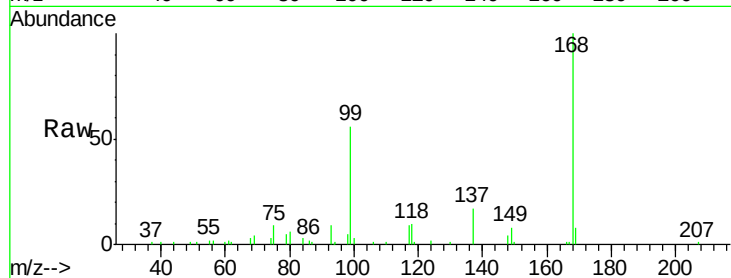
BG-4

Tot Ion:168 Resp: 32323

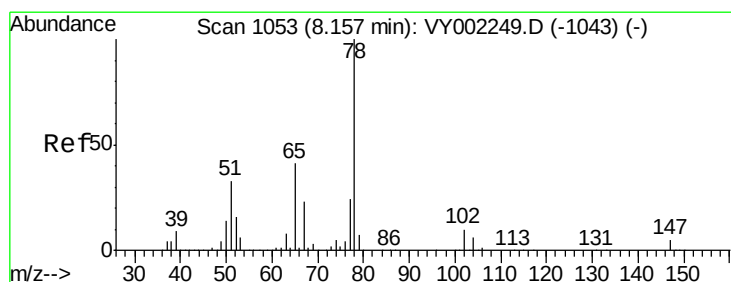
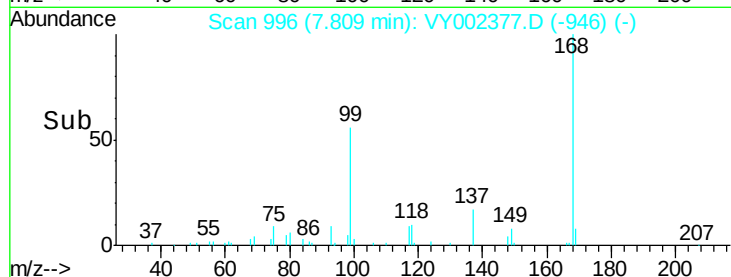
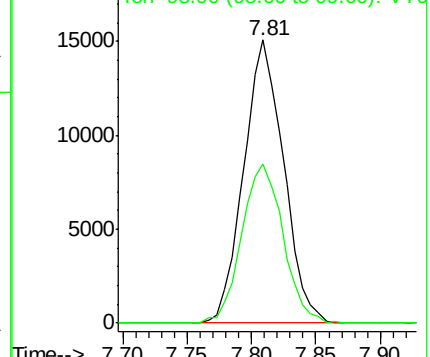
Ion Ratio Lower Upper

168 100

99 56.0 48.0 72.0



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



#33

1,2-Dichloroethane-d4

Concen: 36.533 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002377.D

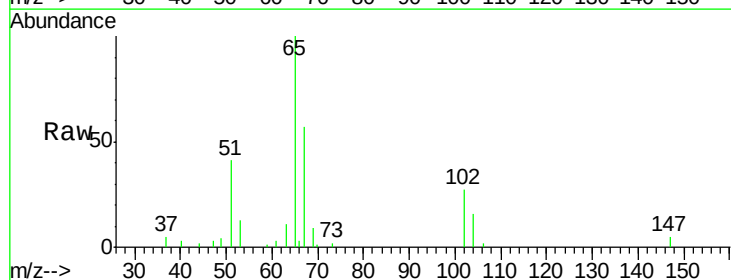
Acq: 16 Apr 2020 19:00

Tgt Ion: 65 Resp: 13132

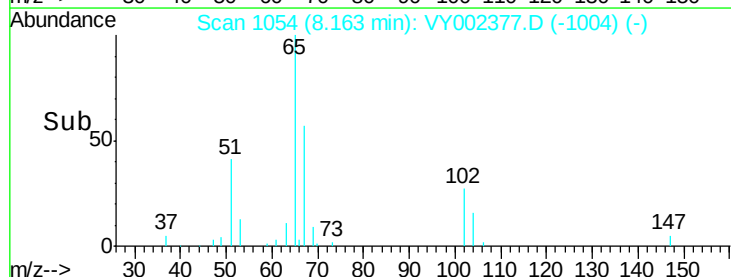
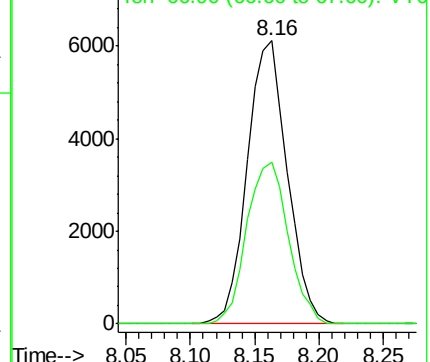
Ion Ratio Lower Upper

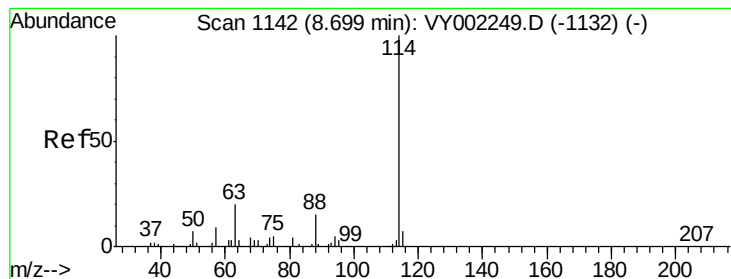
65 100

67 59.5 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: VY002377.D

Acq: 16 Apr 2020 19:00

Instrument :

MSVOA_Y

ClientSampleId :

BG-4

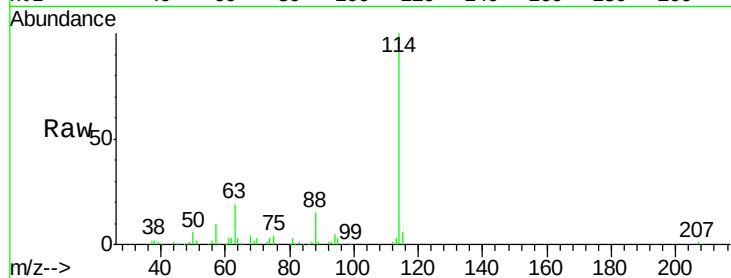
Tot Ion:114 Resp: 56139

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

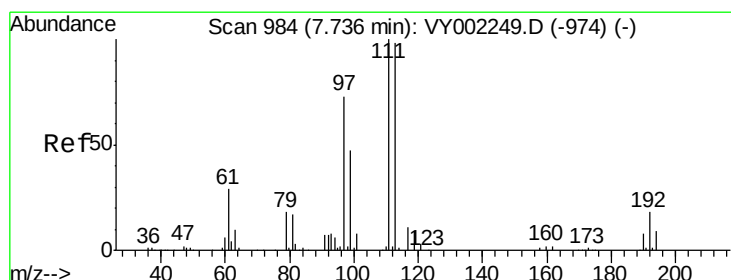
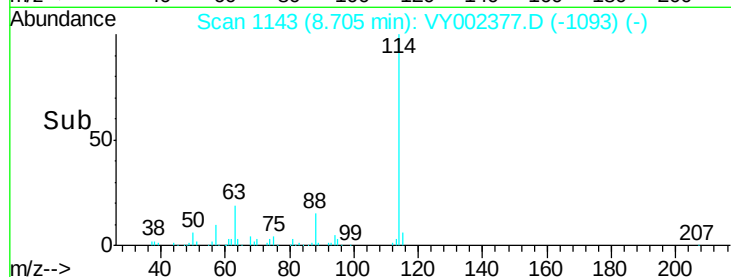
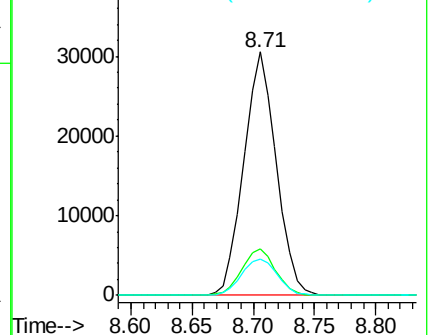
88 15.0 0.0 31.0



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: 44.739 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002377.D

Acq: 16 Apr 2020 19:00

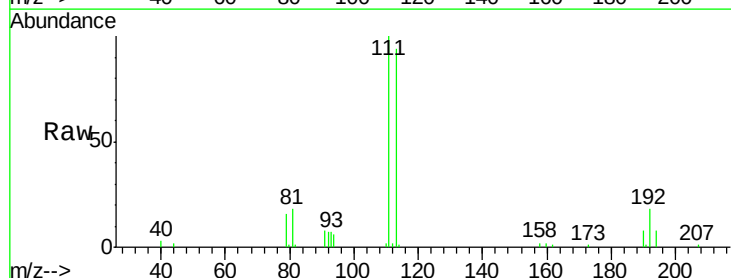
Tgt Ion:113 Resp: 14945

Ion Ratio Lower Upper

113 100

111 105.3 83.5 125.3

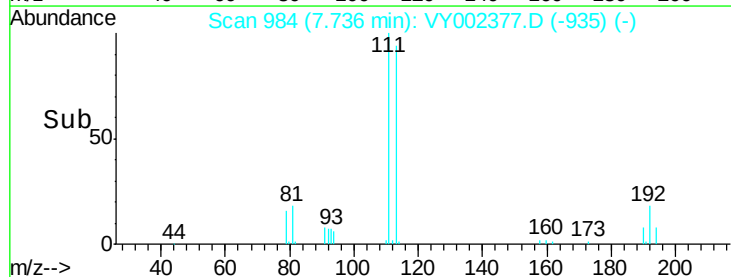
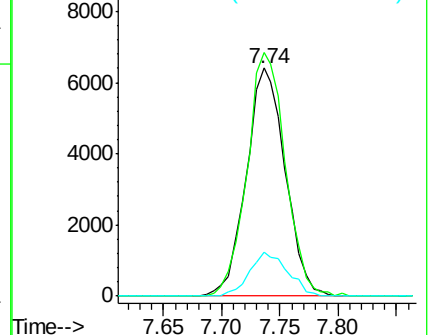
192 18.8 14.7 22.1

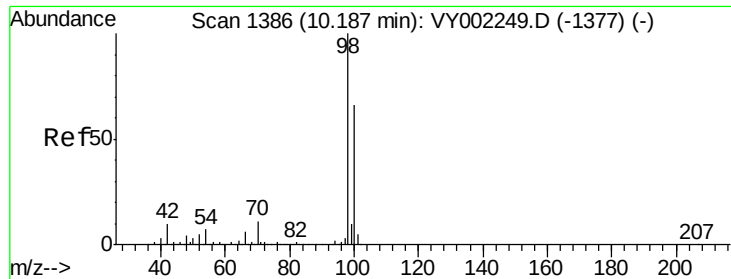


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

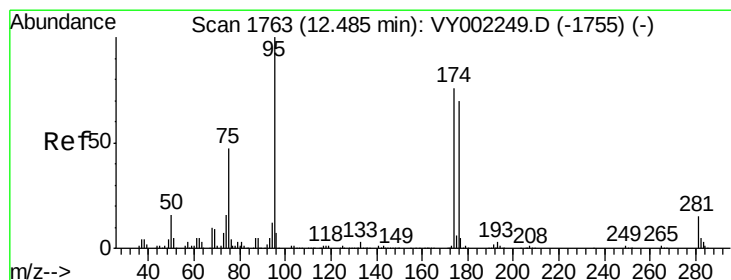
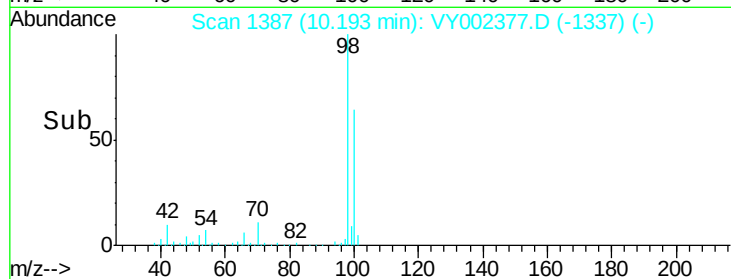
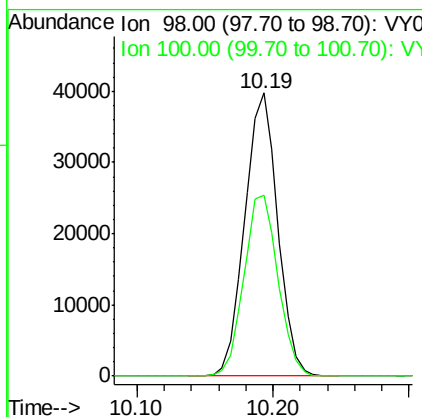
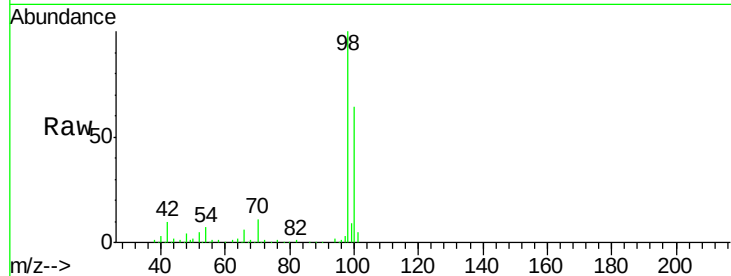




#50
Toluene-d8
Concen: 48.277 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002377.D
Acq: 16 Apr 2020 19:00

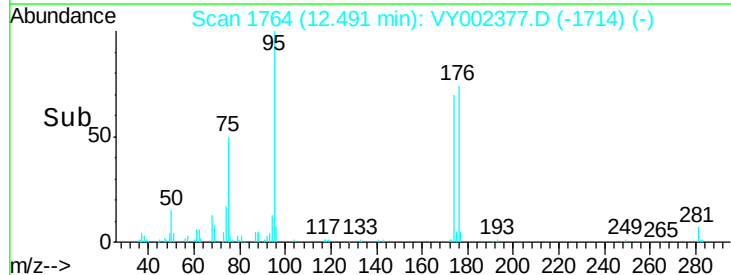
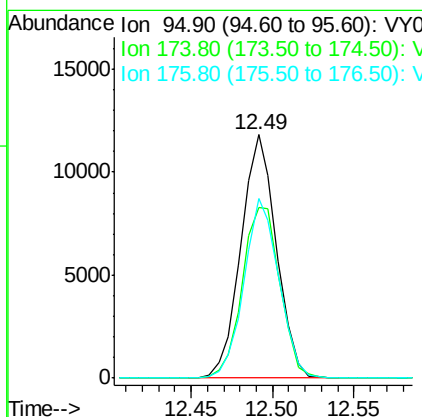
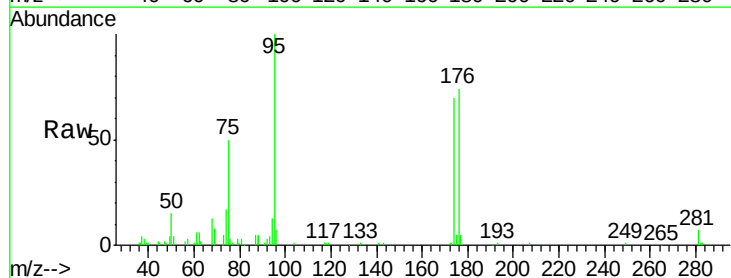
Instrument :
MSVOA_Y
ClientSampleId :
BG-4

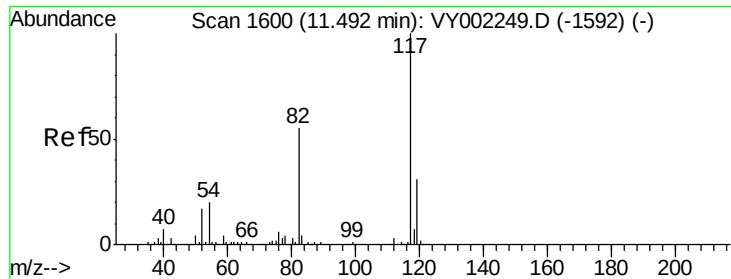
Tot Ion: 98 Resp: 67500
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 38.699 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002377.D
Acq: 16 Apr 2020 19:00

Tgt Ion: 95 Resp: 17851
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.6
176 72.6 0.0 141.4

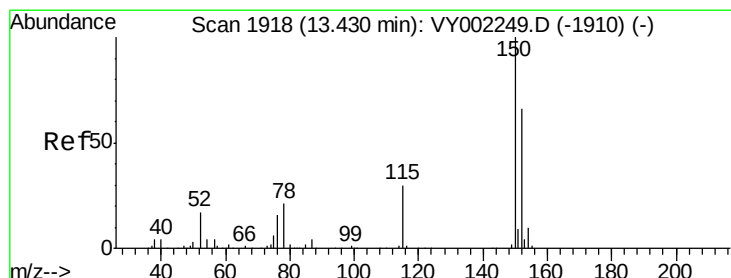
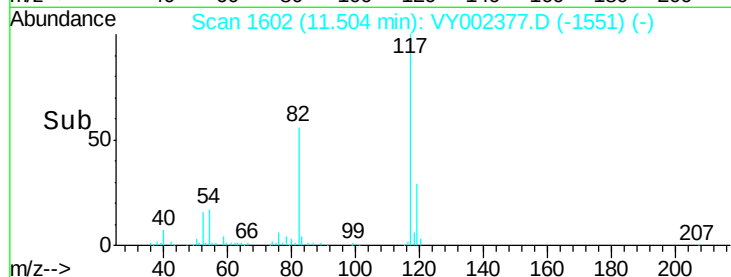
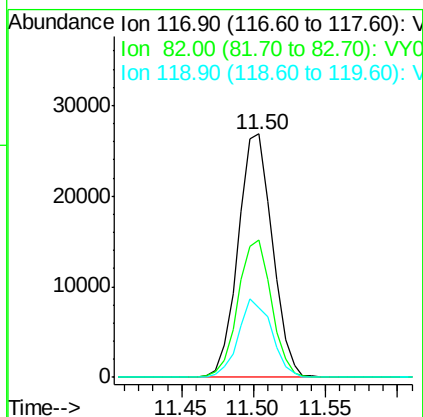
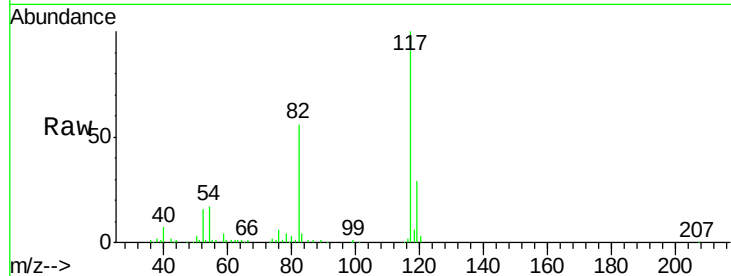




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002377.D
Acq: 16 Apr 2020 19:00

Instrument :
MSVOA_Y
ClientSampleId :
BG-4

Tot Ion:117 Resp: 44428
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 28.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002377.D
Acq: 16 Apr 2020 19:00

Tgt Ion:152 Resp: 16180
Ion Ratio Lower Upper
152 100
115 62.5 30.7 92.1
150 156.8 0.0 350.6

