

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002410.D
 Acq On : 17 Apr 2020 19:18
 Operator : SY/MD
 Sample : L2283-02
 Misc : 4.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PA-3

Quant Time: Apr 18 07:48:14 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	136114	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	272283	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	261111	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	119046	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	67618	44.67	ug/l	0.00
Spiked Amount			Recovery	=	89.34%	
35) Dibromofluoromethane	7.74	113	78436	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	10.19	98	327779	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
62) 4-Bromofluorobenzene	12.49	95	111149	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	

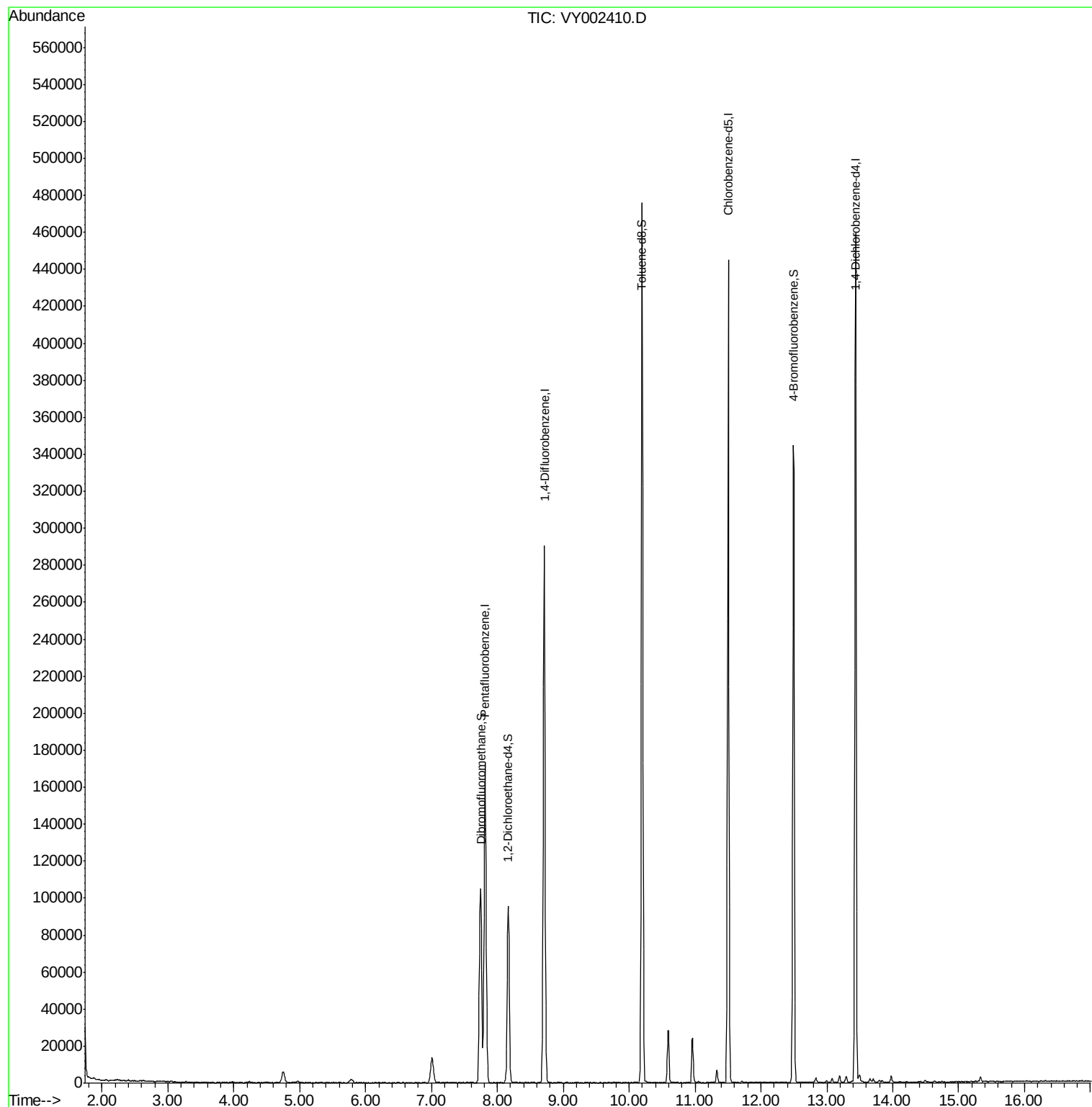
Target Compounds	Qvalue
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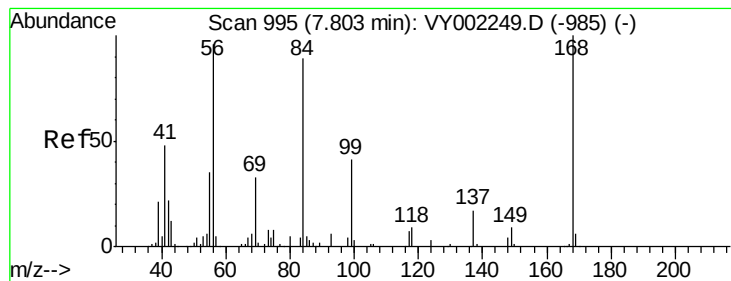
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002410.D

Acq: 17 Apr 2020 19:18

Instrument :

MSVOA_Y

ClientSampled :

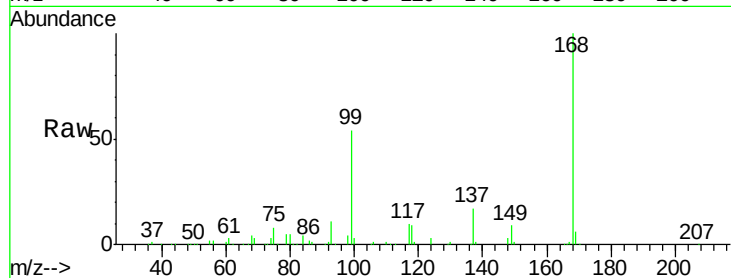
PA-3

Tot Ion:168 Resp: 136114

Ion Ratio Lower Upper

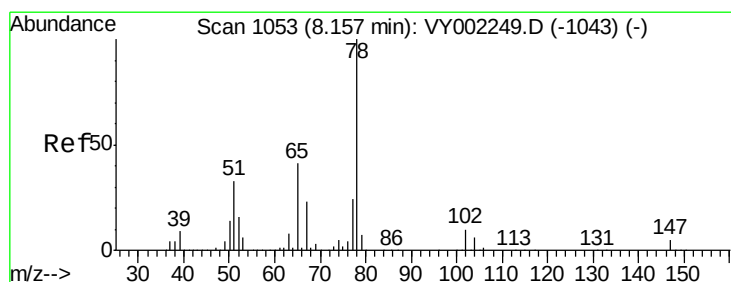
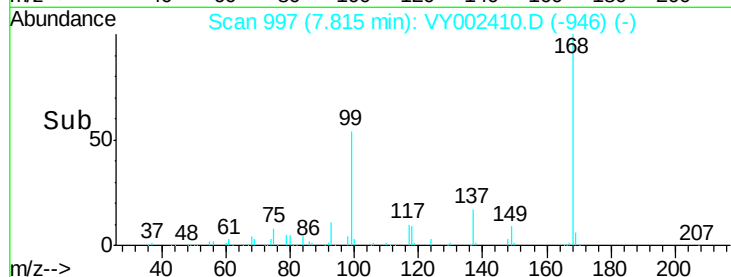
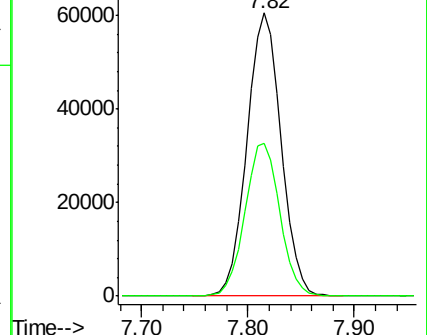
168 100

99 54.0 48.0 72.0



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

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.671 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002410.D

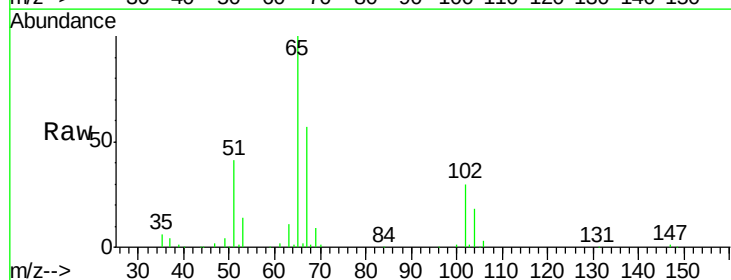
Acq: 17 Apr 2020 19:18

Tgt Ion: 65 Resp: 67618

Ion Ratio Lower Upper

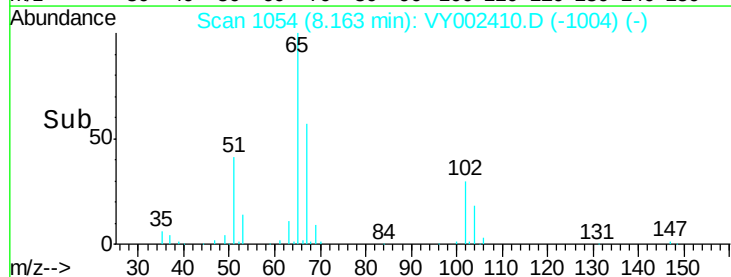
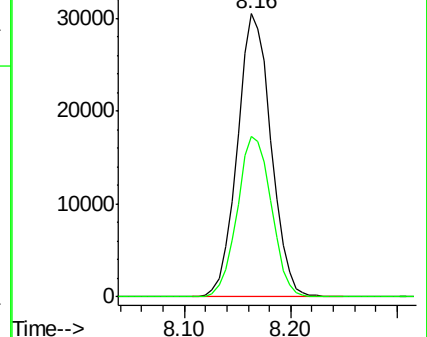
65 100

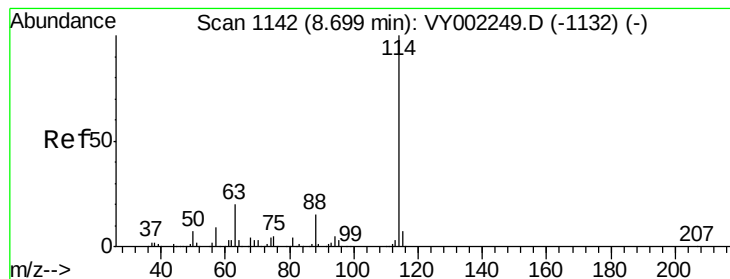
67 57.6 0.0 114.0



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

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002410.D

Acq: 17 Apr 2020 19:18

Instrument :

MSVOA_Y

ClientSampleId :

PA-3

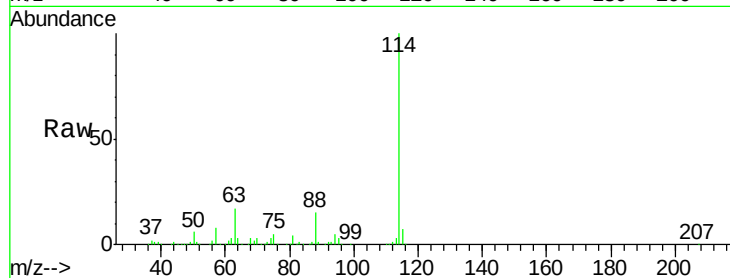
Tot Ion:114 Resp: 272283

Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.0

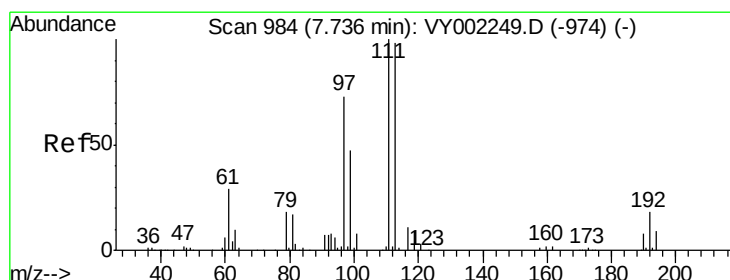
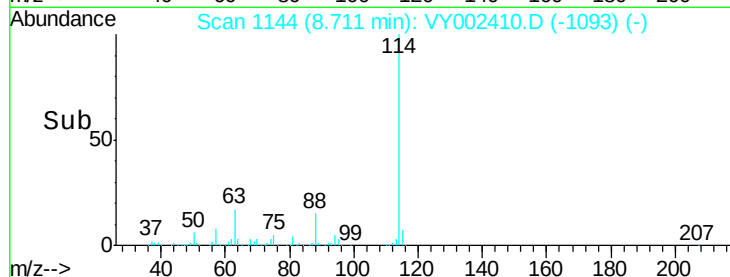
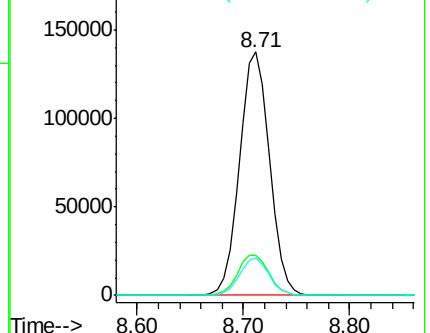
88 15.4 0.0 31.0



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: 48.412 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002410.D

Acq: 17 Apr 2020 19:18

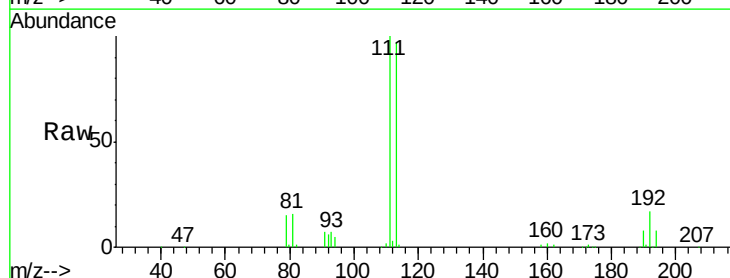
Tgt Ion:113 Resp: 78436

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

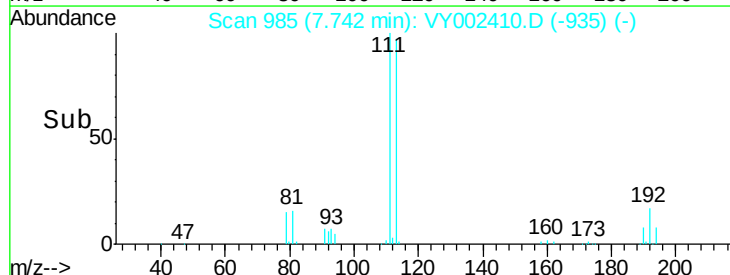
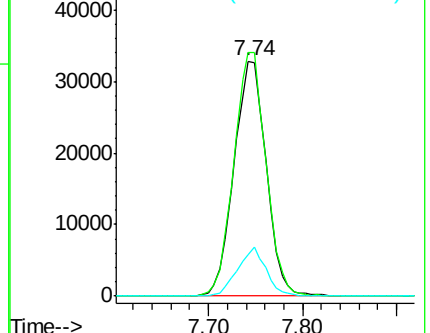
192 18.4 14.7 22.1

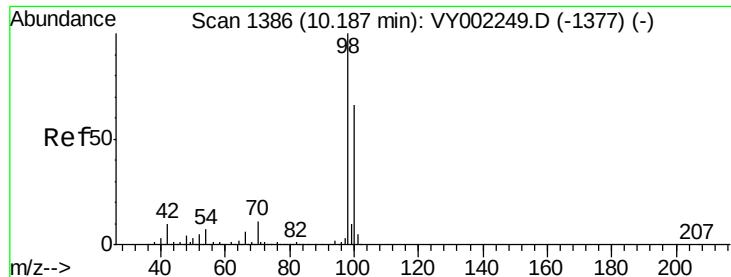


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.335 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002410.D

Acq: 17 Apr 2020 19:18

Instrument :

MSVOA_Y

ClientSampled :

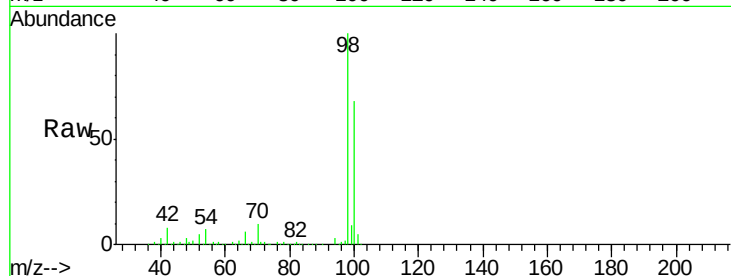
PA-3

Tot Ion: 98 Resp: 327779

Ion Ratio Lower Upper

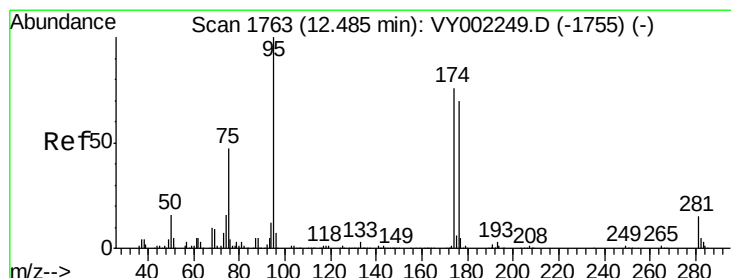
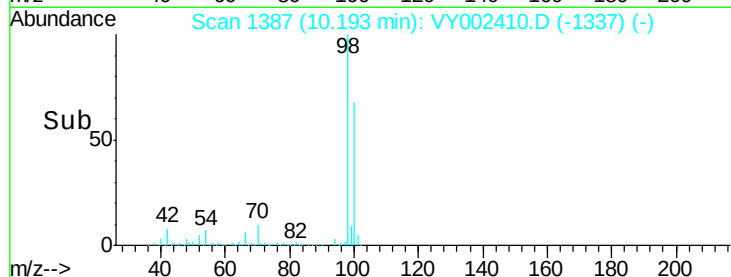
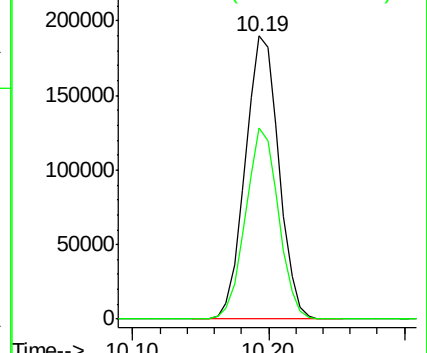
98 100

100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 49.681 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002410.D

Acq: 17 Apr 2020 19:18

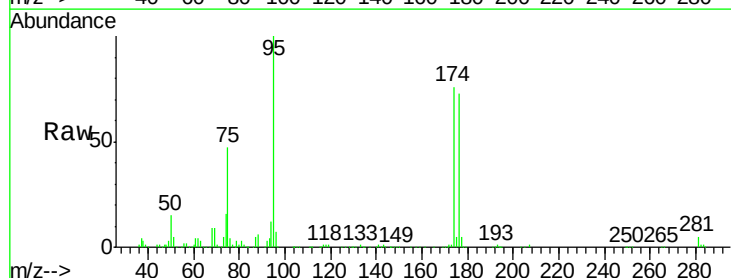
Tgt Ion: 95 Resp: 111149

Ion Ratio Lower Upper

95 100

174 79.4 0.0 150.6

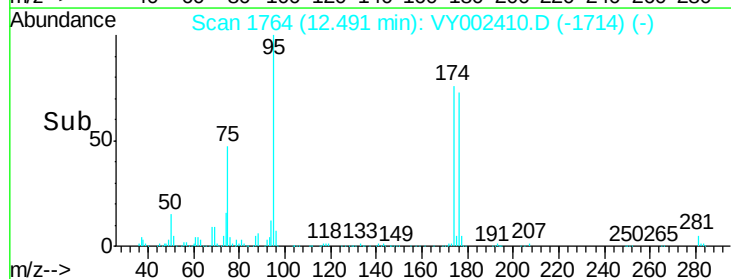
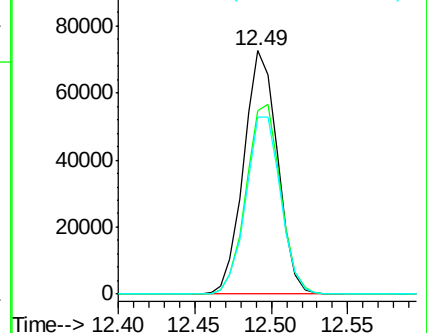
176 75.3 0.0 141.4

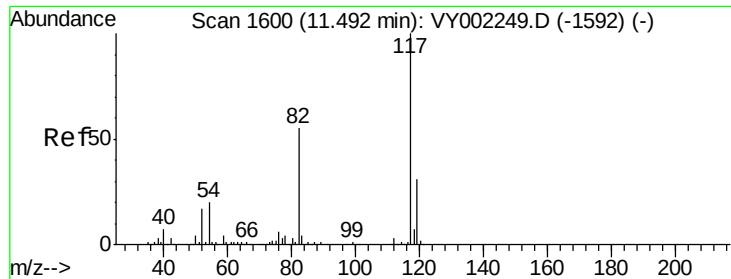


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

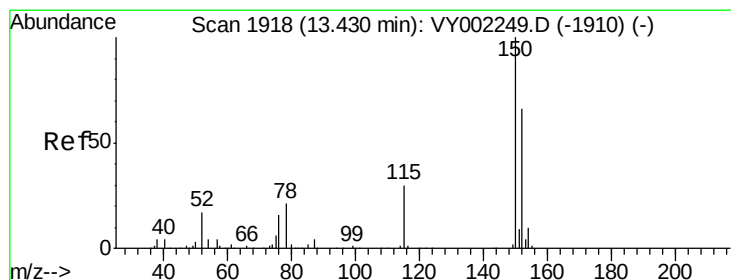
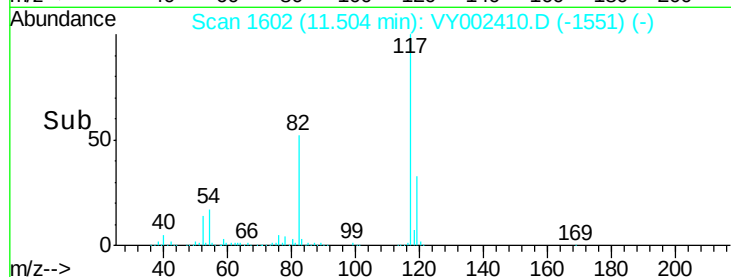
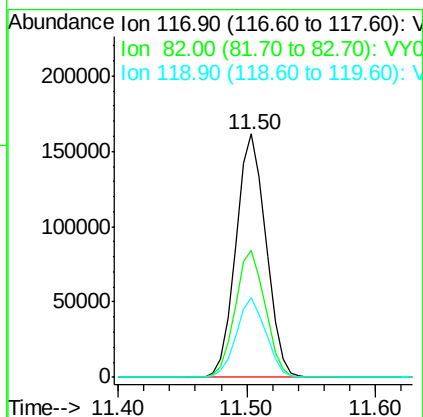
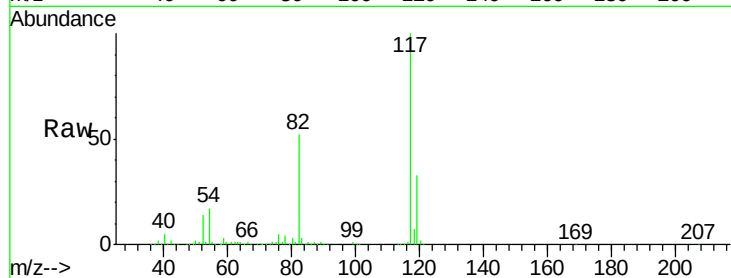




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002410.D
Acq: 17 Apr 2020 19:18

Instrument :
MSVOA_Y
ClientSampled :
PA-3

Tot Ion:117 Resp: 261111
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.4
119 32.5 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: VY002410.D
Acq: 17 Apr 2020 19:18

Tgt Ion:152 Resp: 119046
Ion Ratio Lower Upper
152 100
115 58.9 30.7 92.1
150 156.4 0.0 350.6

