

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002326.D
 Acq On : 15 Apr 2020 11:05
 Operator : SY/MD
 Sample : VY0415SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBL01

Quant Time: Apr 16 06:55:53 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	145824	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	291258	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	271543	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	117598	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	79767	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.74	113	85519	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.19	98	353149	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.49	95	119706	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

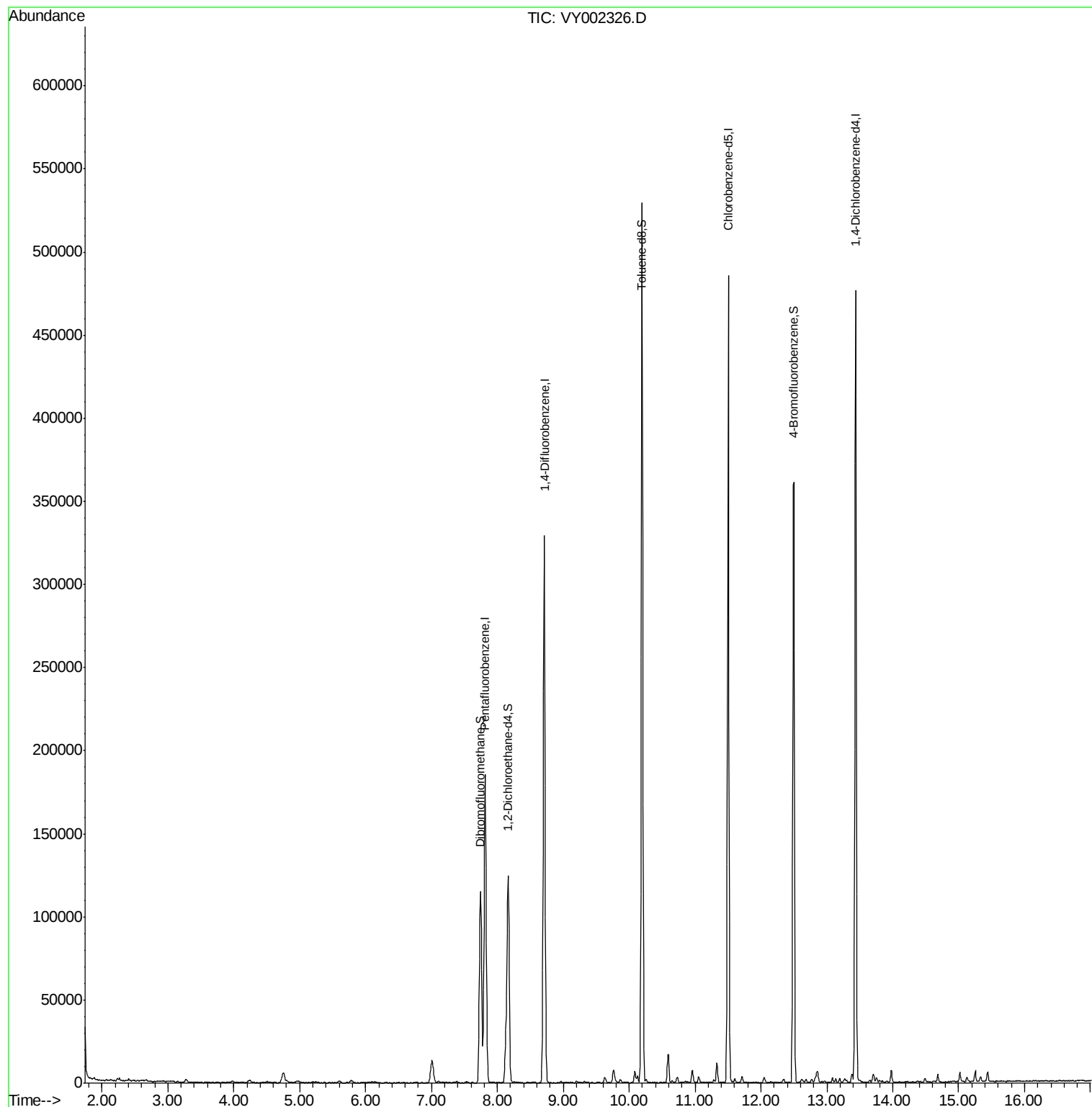
Target Compounds	Qvalue

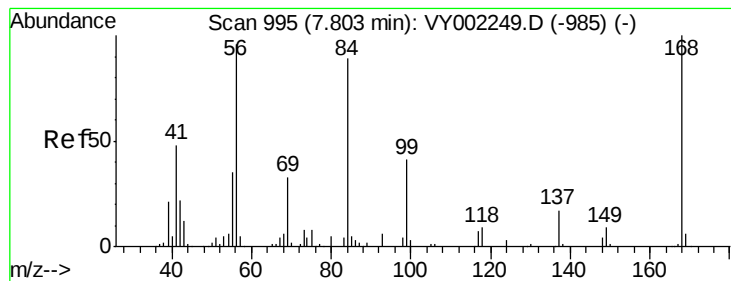
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
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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: VY002326.D

Acq: 15 Apr 2020 11:05

Instrument :

MSVOA_Y

ClientSampleId :

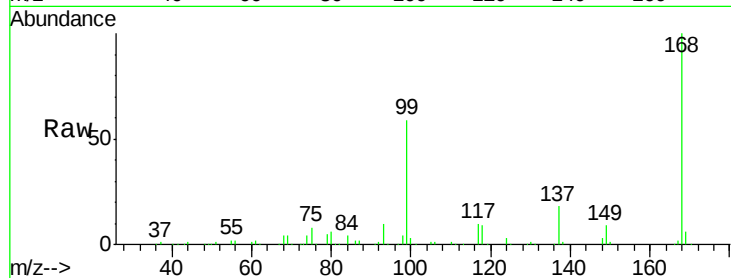
VY0415SBL01

Tot Ion:168 Resp: 145824

Ion Ratio Lower Upper

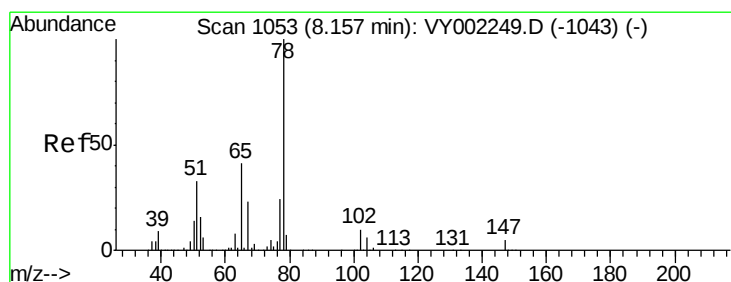
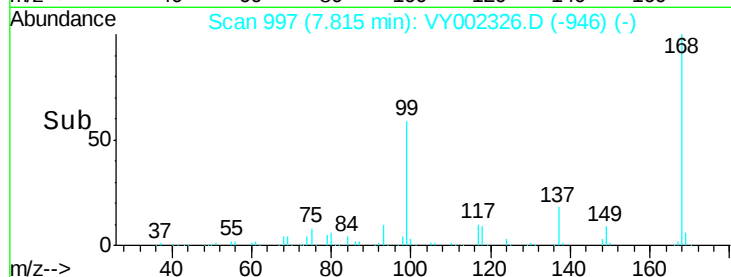
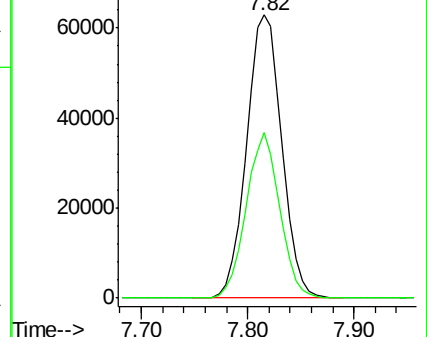
168 100

99 58.5 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: 49.188 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002326.D

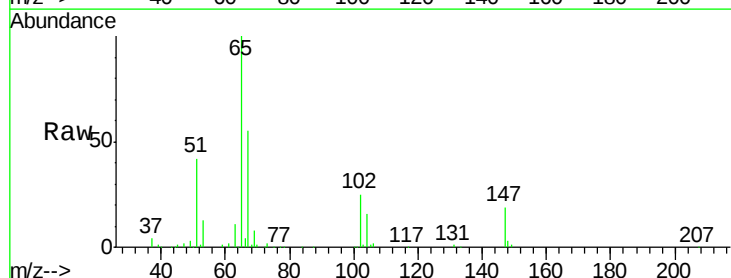
Acq: 15 Apr 2020 11:05

Tgt Ion: 65 Resp: 79767

Ion Ratio Lower Upper

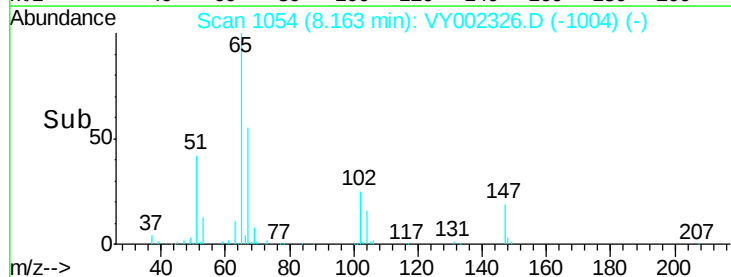
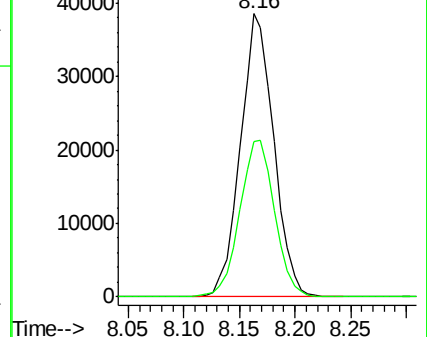
65 100

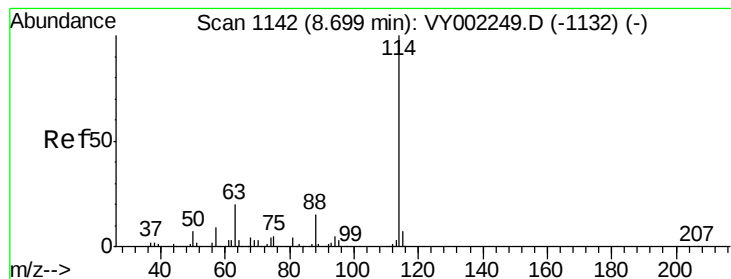
67 58.0 0.0 114.0



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: VY002326.D

Acq: 15 Apr 2020 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBL01

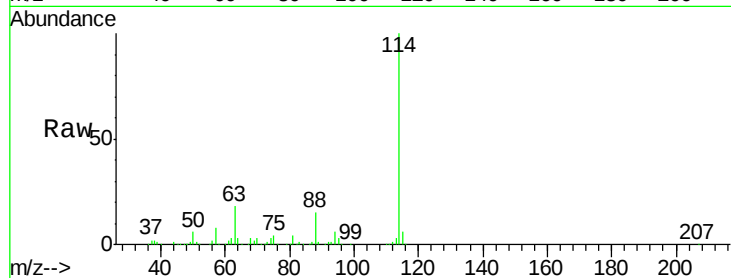
Tot Ion:114 Resp: 291258

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.0

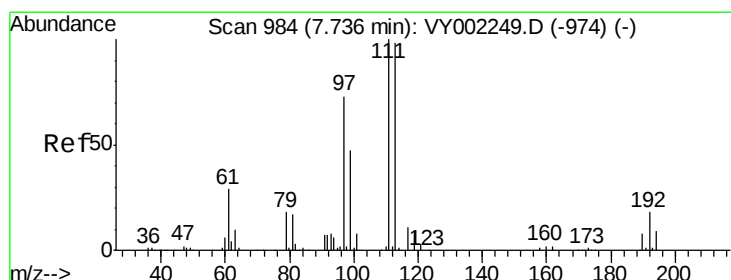
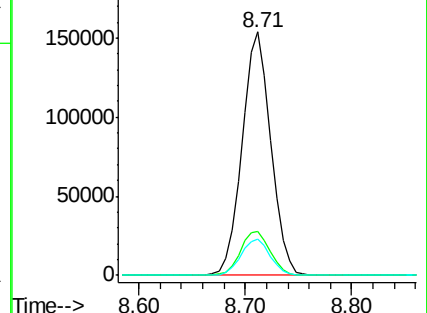
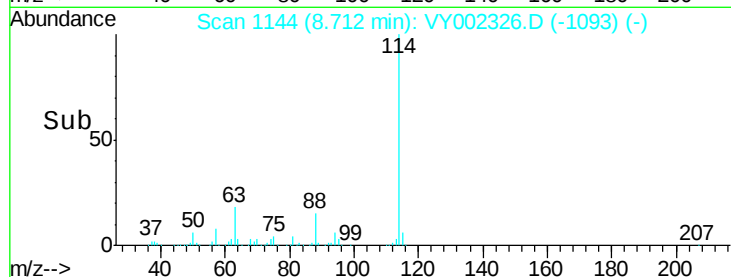
88 14.9 0.0 31.0



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: 49.345 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002326.D

Acq: 15 Apr 2020 11:05

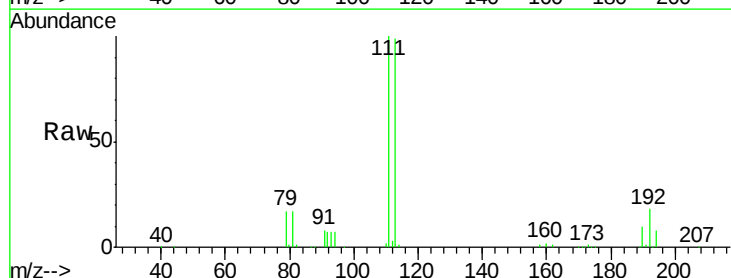
Tgt Ion:113 Resp: 85519

Ion Ratio Lower Upper

113 100

111 101.9 83.5 125.3

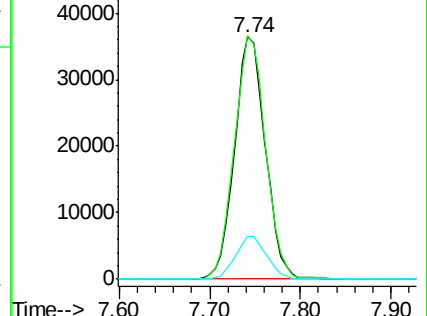
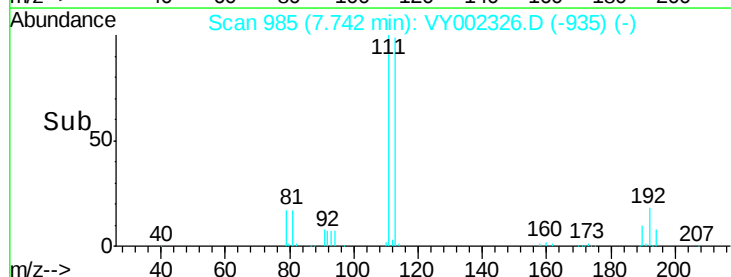
192 17.9 14.7 22.1

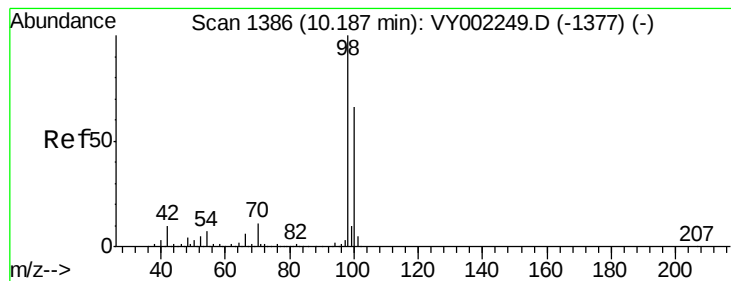


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.684 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002326.D

Acq: 15 Apr 2020 11:05

Instrument :

MSVOA_Y

ClientSampleId :

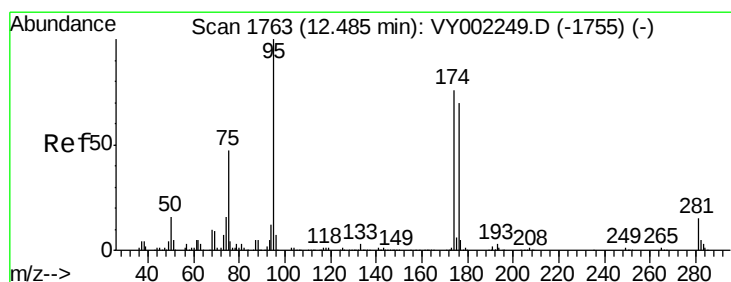
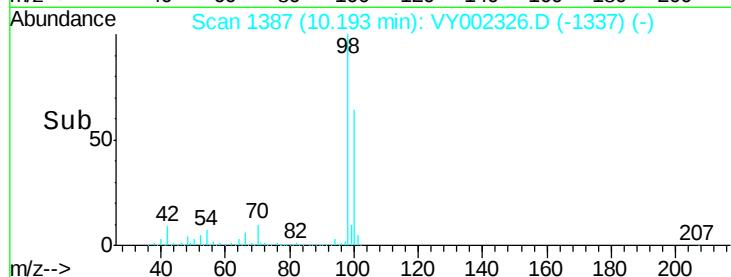
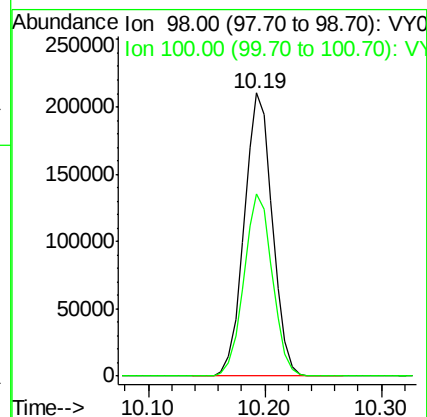
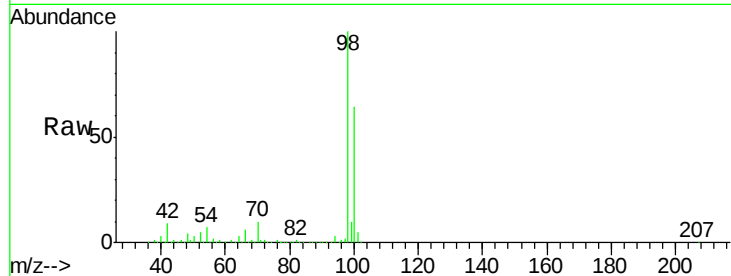
VY0415SBL01

Tot Ion: 98 Resp: 353149

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.020 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002326.D

Acq: 15 Apr 2020 11:05

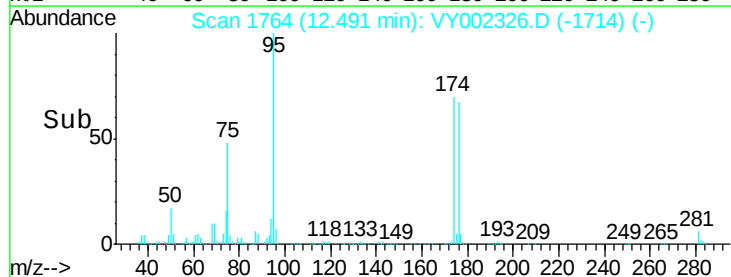
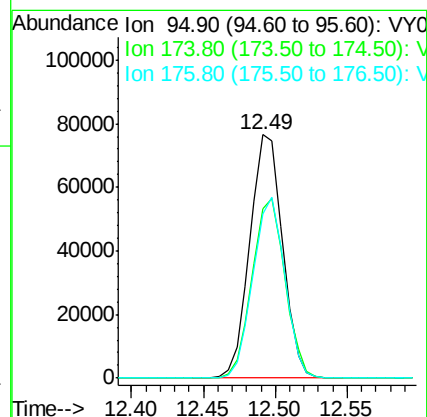
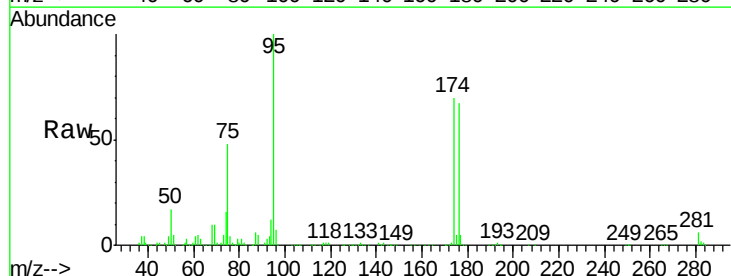
Tgt Ion: 95 Resp: 119706

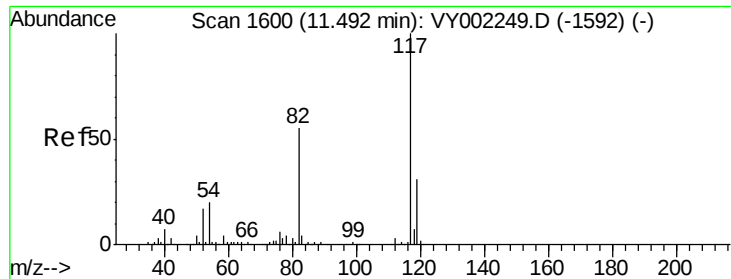
Ion Ratio Lower Upper

95 100

174 74.3 0.0 150.6

176 72.5 0.0 141.4

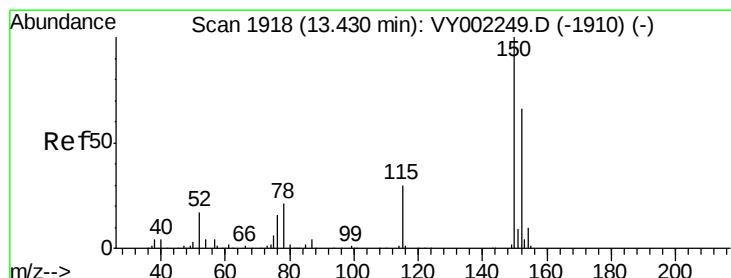
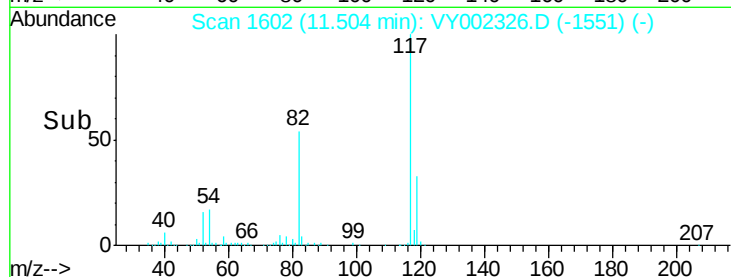
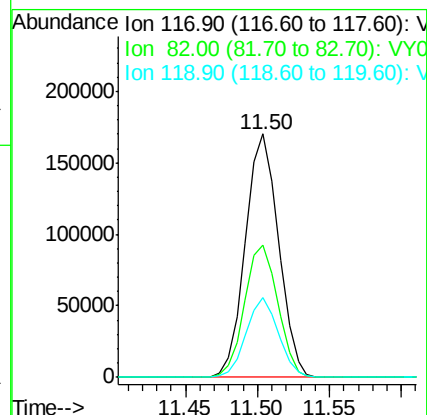
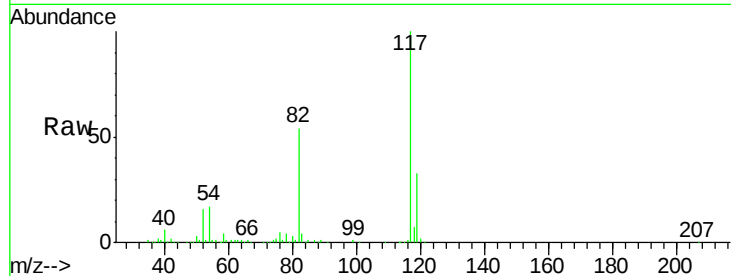




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002326.D
Acq: 15 Apr 2020 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBL01

Tot Ion:117 Resp: 271543
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.4
119 33.0 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: VY002326.D
Acq: 15 Apr 2020 11:05

Tgt Ion:152 Resp: 117598
Ion Ratio Lower Upper
152 100
115 60.6 30.7 92.1
150 157.8 0.0 350.6

