

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000436.D
 Acq On : 25 Oct 2019 18:01
 Operator : SY/MD
 Sample : K5539-20
 Misc : 6.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 165-84-(1)

Quant Time: Oct 26 03:07:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	188385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	323758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	282125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	113311	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	109271	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	7.74	113	95650	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.19	98	375823	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.48	95	117187	41.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.12%	

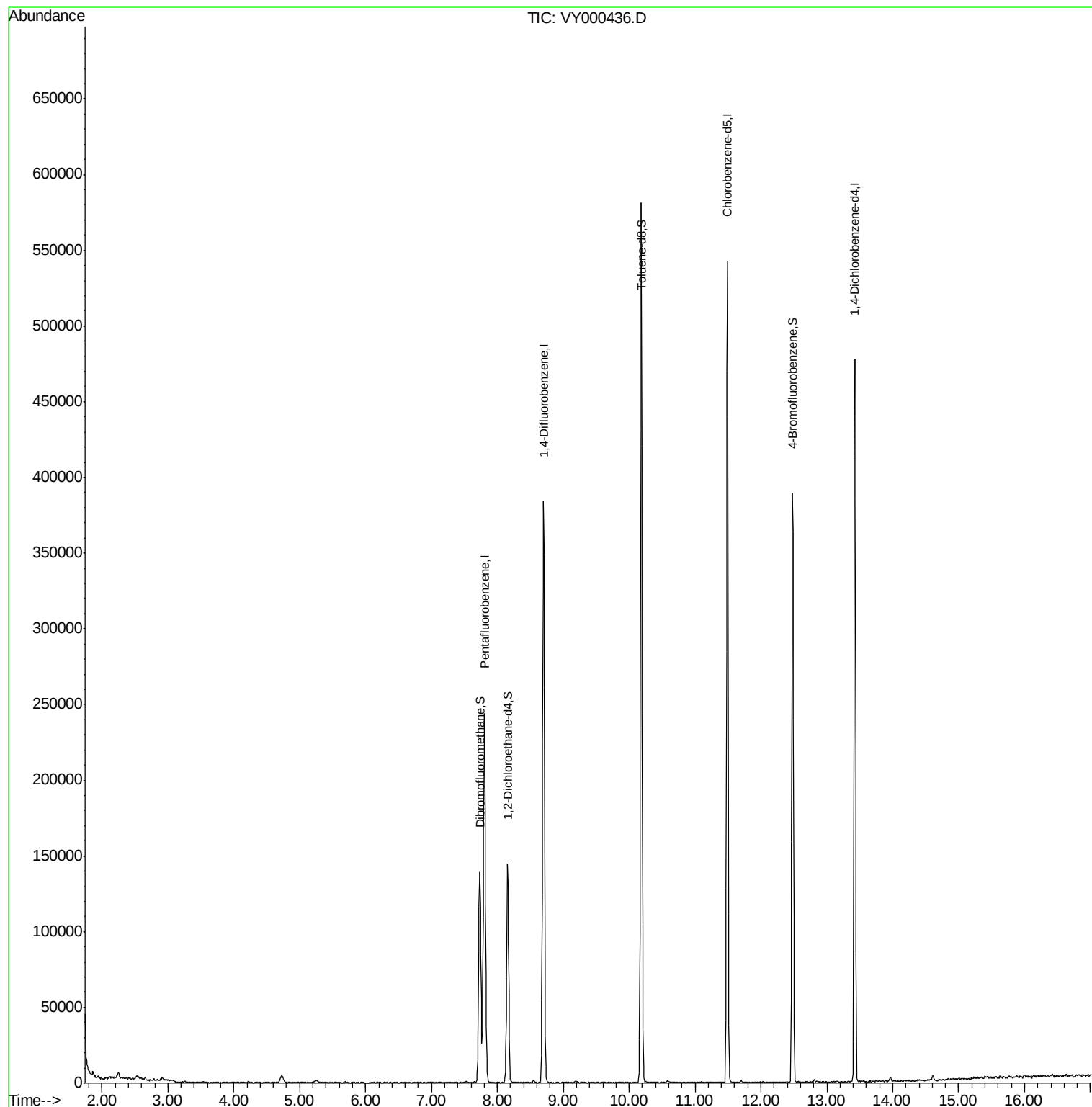
Target Compounds	Qvalue
------------------	--------

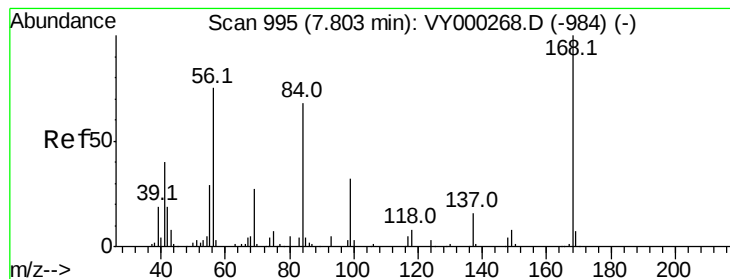
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
Data File : VY000436.D
Acq On : 25 Oct 2019 18:01
Operator : SY/MD
Sample : K5539-20
Misc : 6.70G/5ML/MSVOA Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
165-84-(1)

Quant Time: Oct 26 03:07:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000436.D

Acq: 25 Oct 2019 18:01

Instrument :

MSVOA_Y

ClientSampleId :

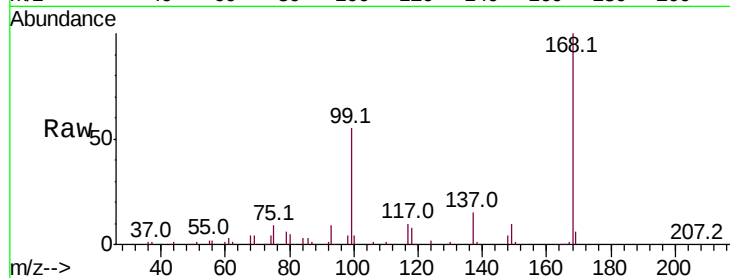
165-84-(1)

Tot Ion:168 Resp: 188385

Ion Ratio Lower Upper

168 100

99 54.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000436.D (-1004) (-)

Ion 98.90 (98.60 to 99.60): VY000436.D (-1004) (-)

7.80

80000

60000

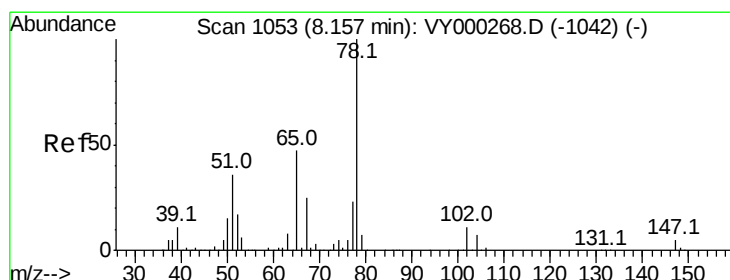
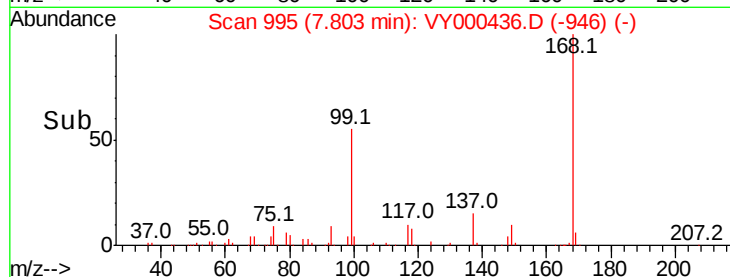
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.988 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000436.D

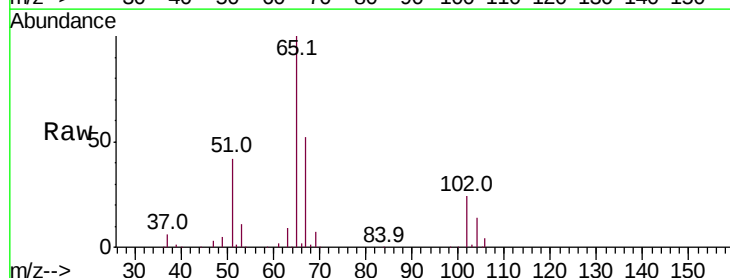
Acq: 25 Oct 2019 18:01

Tgt Ion: 65 Resp: 109271

Ion Ratio Lower Upper

65 100

67 52.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000436.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY000436.D (-1004) (-)

8.16

60000

50000

40000

30000

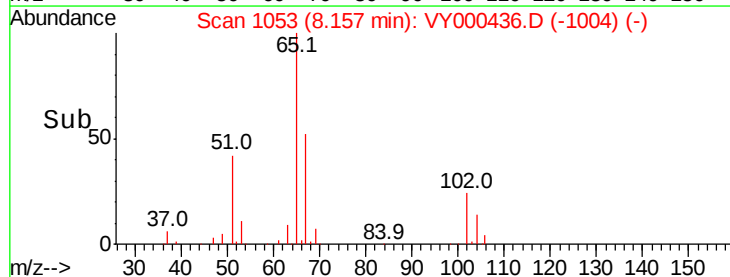
20000

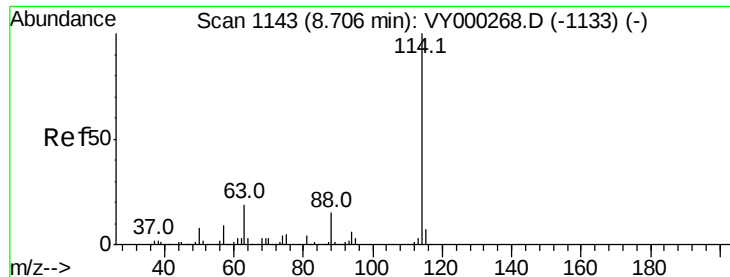
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000436.D

Acq: 25 Oct 2019 18:01

Instrument :

MSVOA_Y

ClientSampleId :

165-84-(1)

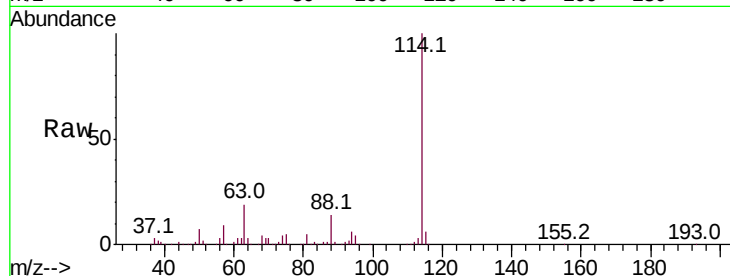
Tot Ion:114 Resp: 323758

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.2

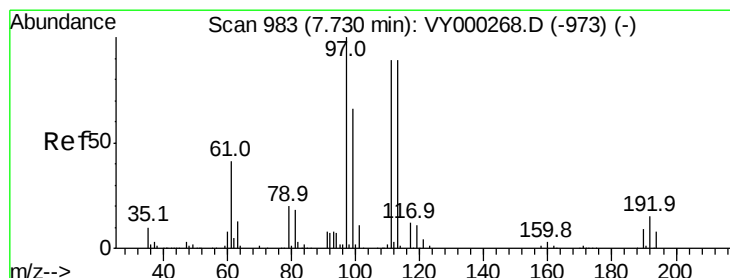
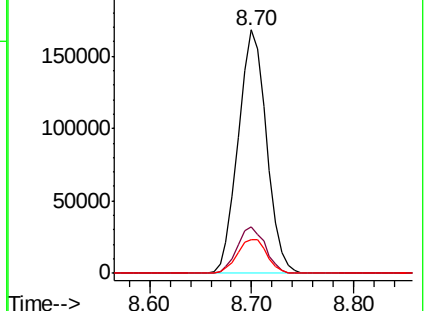
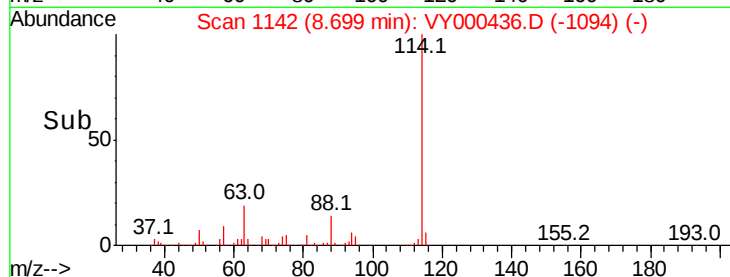
88 13.9 0.0 30.2



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: 48.978 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000436.D

Acq: 25 Oct 2019 18:01

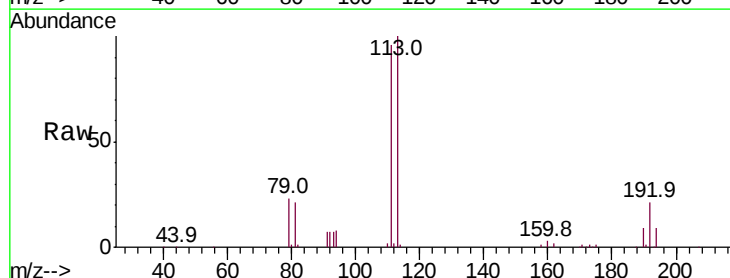
Tgt Ion:113 Resp: 95650

Ion Ratio Lower Upper

113 100

111 103.2 81.6 122.4

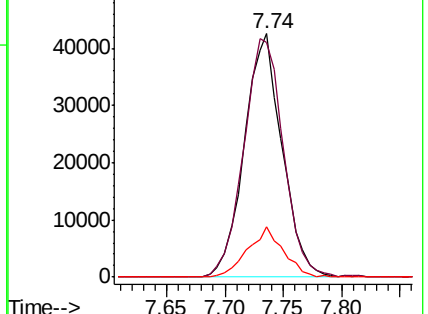
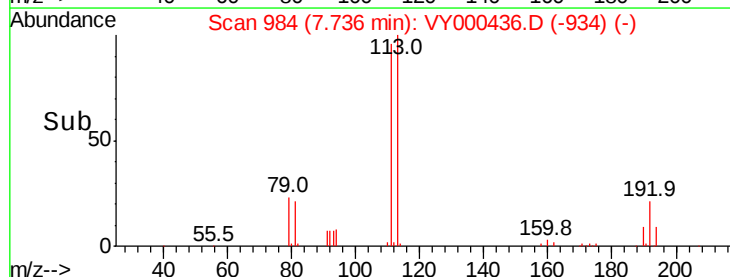
192 19.3 15.3 22.9

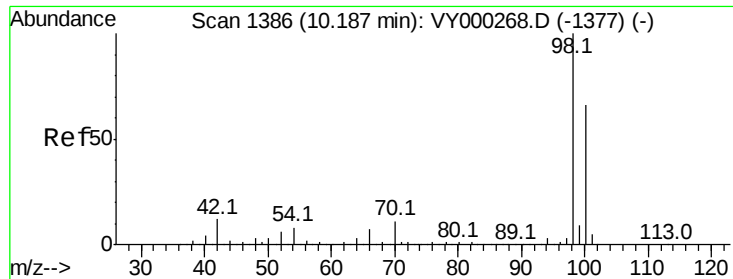


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.027 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000436.D

Acq: 25 Oct 2019 18:01

Instrument :

MSVOA_Y

ClientSampleId :

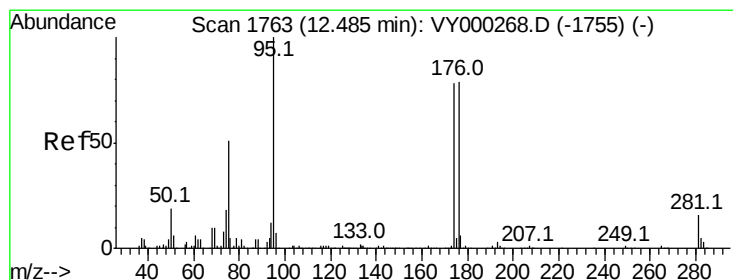
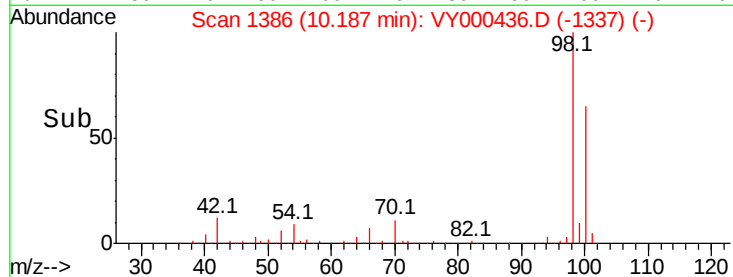
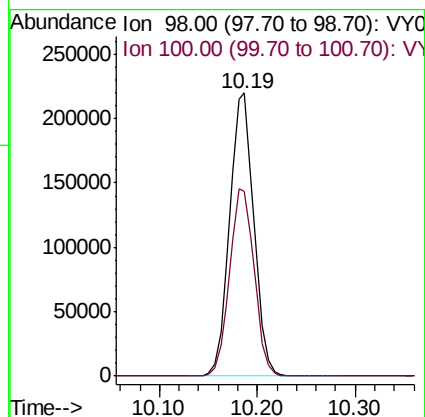
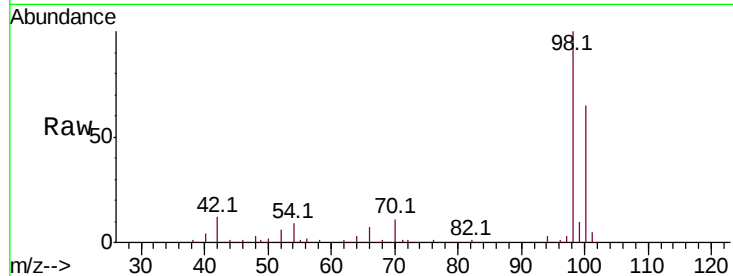
165-84-(1)

Tot Ion: 98 Resp: 375823

Ion Ratio Lower Upper

98 100

100 67.2 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 41.060 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000436.D

Acq: 25 Oct 2019 18:01

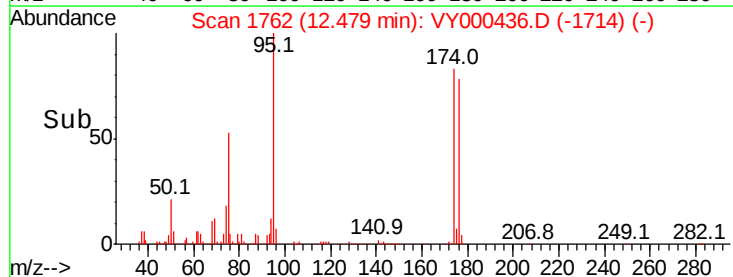
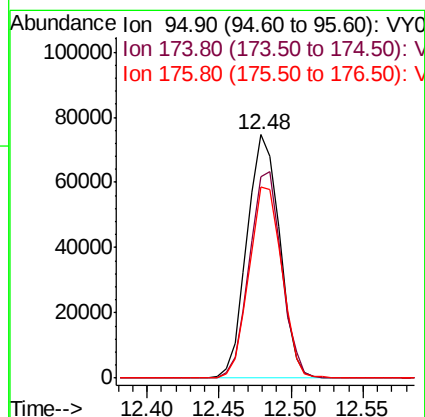
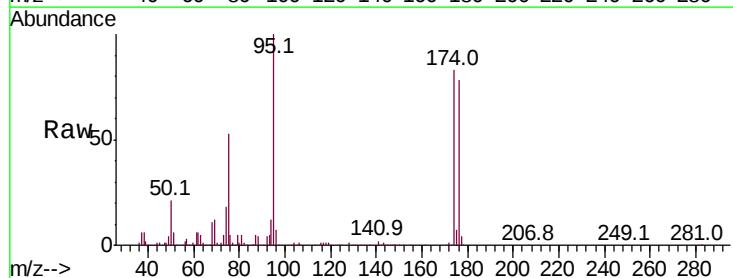
Tgt Ion: 95 Resp: 117187

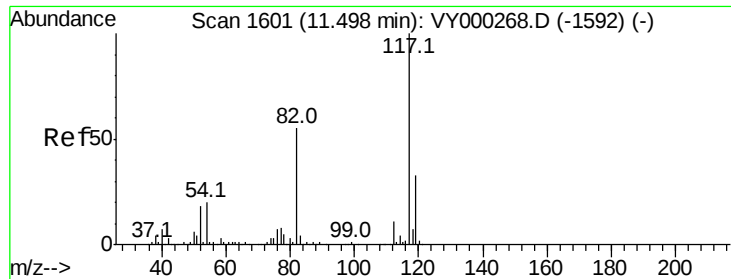
Ion Ratio Lower Upper

95 100

174 83.5 0.0 159.6

176 78.9 0.0 153.8

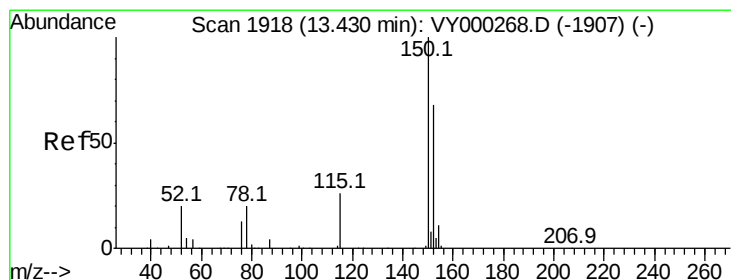
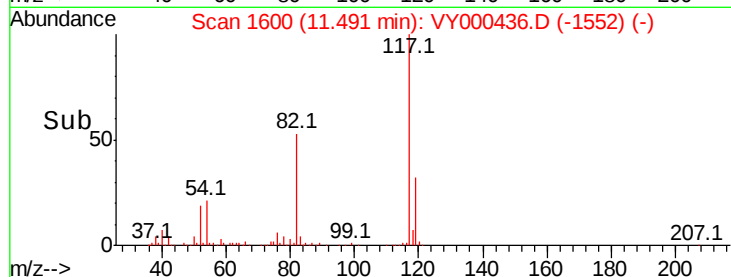
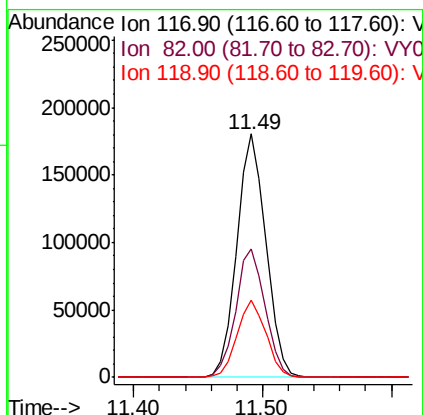
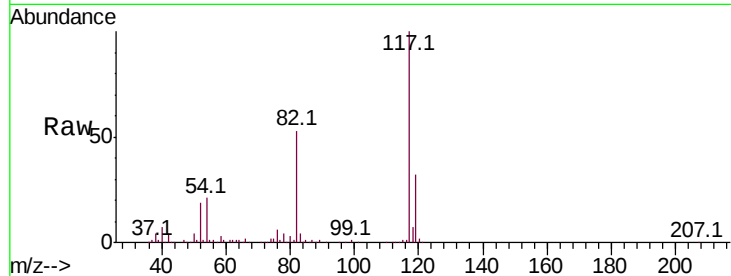




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Instrument :
MSVOA_Y
ClientSampleId :
165-84-(1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.7	65.5
119	31.7	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000436.D
Acq: 25 Oct 2019 18:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.3	88.0
150	158.0	0.0	348.4

