

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000861.D
 Acq On : 04 Dec 2019 14:18
 Operator : SY/MD
 Sample : K6119-11
 Misc : 4.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(0-2)

Quant Time: Dec 05 08:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	225769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	428805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	136065	56.72	ug/l	0.00
Spiked Amount			Recovery	=	113.44%	
35) Dibromofluoromethane	7.73	113	123572	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	10.18	98	505721	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	12.48	95	167657	44.68	ug/l	0.00
Spiked Amount			Recovery	=	89.36%	

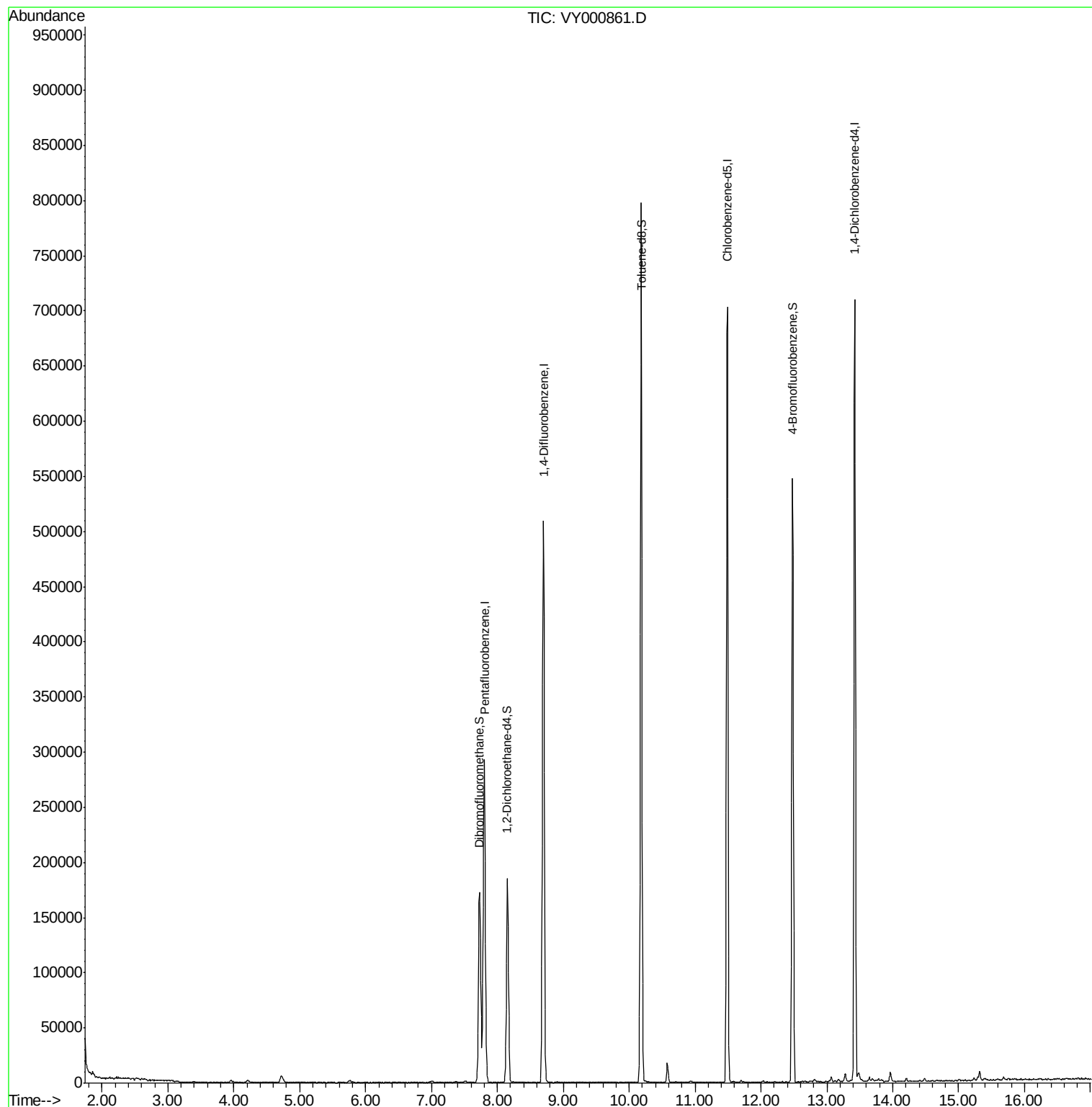
Target Compounds	Qvalue
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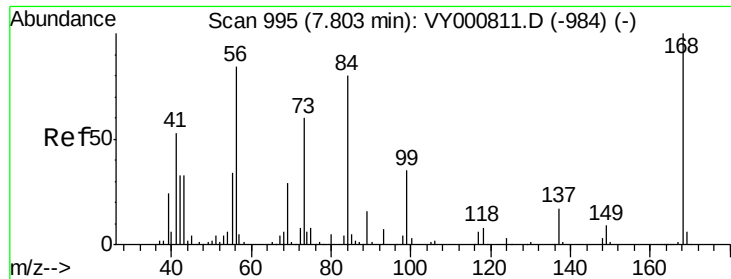
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000861.D

Acq: 04 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampleId :

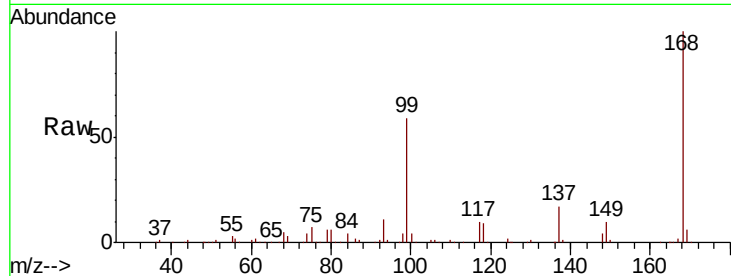
SB-1-(0-2)

Tot Ion:168 Resp: 225769

Ion Ratio Lower Upper

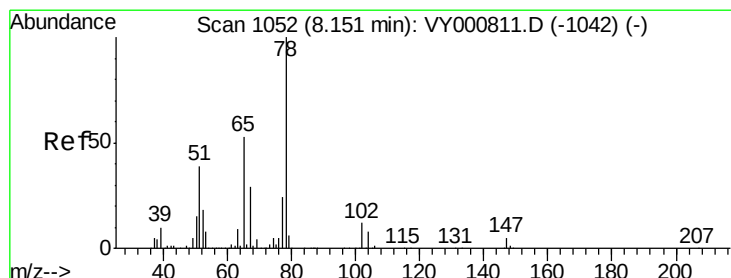
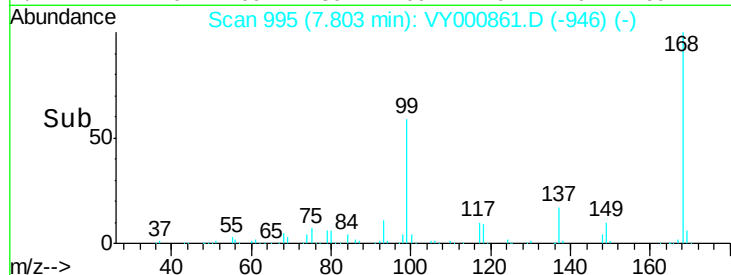
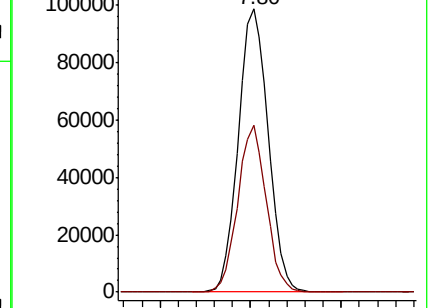
168 100

99 58.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000861.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000861.D (-984) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.718 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000861.D

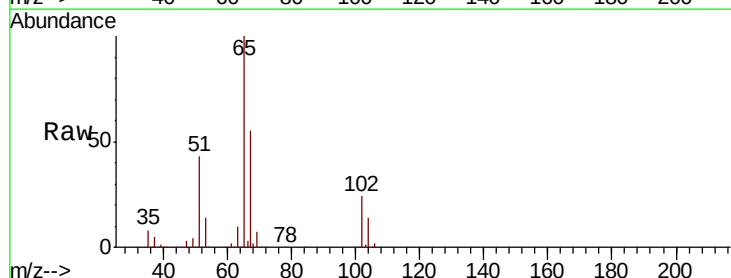
Acq: 04 Dec 2019 14:18

Tgt Ion: 65 Resp: 136065

Ion Ratio Lower Upper

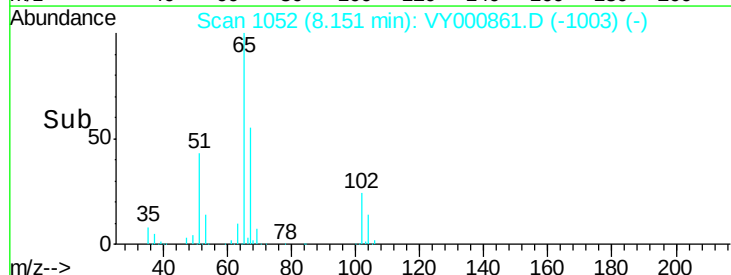
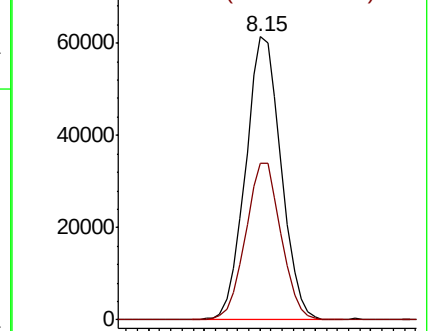
65 100

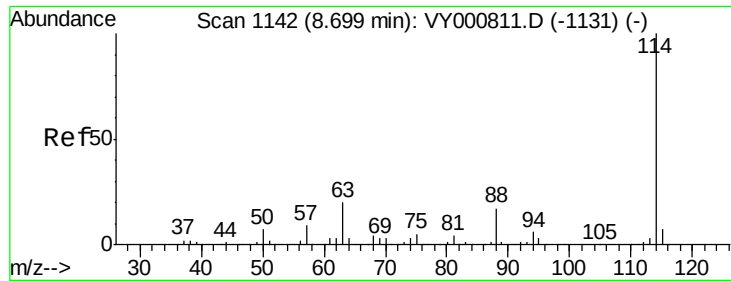
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000861.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000861.D (-1042) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000861.D

Acq: 04 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(0-2)

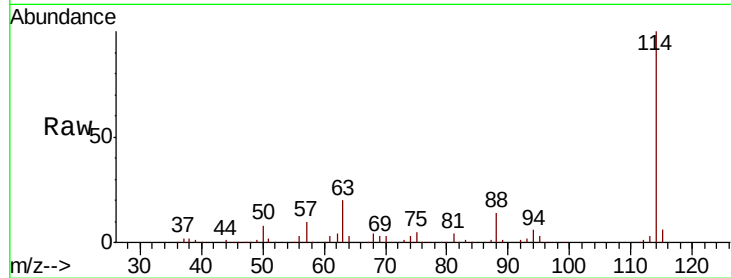
Tot Ion:114 Resp: 428805

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 14.3 0.0 33.2



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

8.70

250000

200000

150000

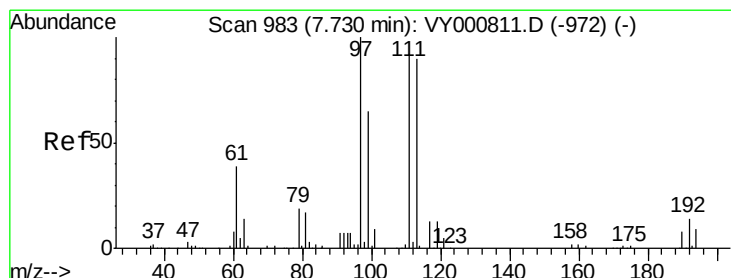
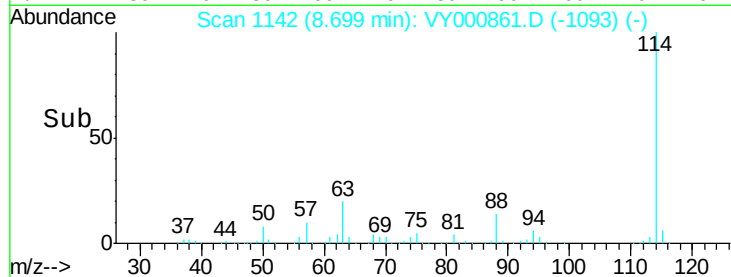
100000

50000

0

8.60 8.65 8.70 8.75 8.80

Time-->



#35

Dibromofluoromethane

Concen: 49.447 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000861.D

Acq: 04 Dec 2019 14:18

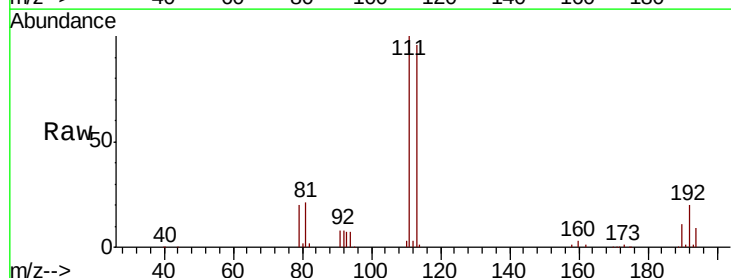
Tgt Ion:113 Resp: 123572

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 19.0 14.2 21.2



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

7.73

60000

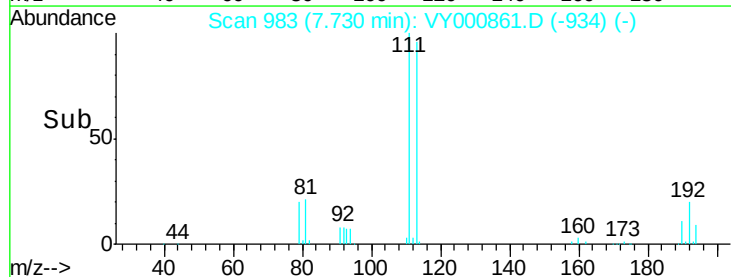
40000

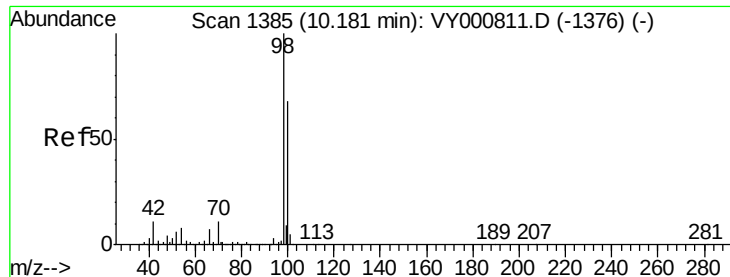
20000

0

7.60 7.70 7.80

Time-->





#50

Toluene-d8

Concen: 50.617 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000861.D

Acq: 04 Dec 2019 14:18

Instrument :

MSVOA_Y

ClientSampleId :

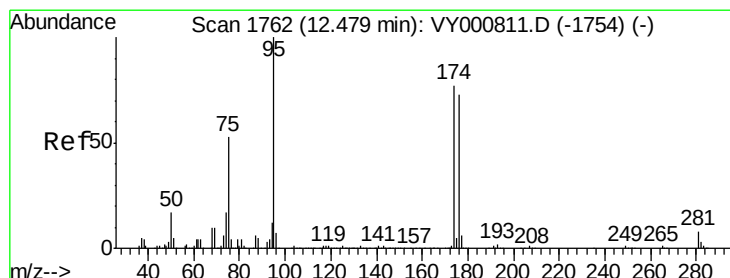
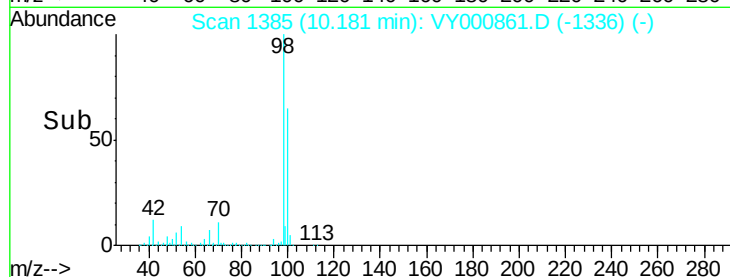
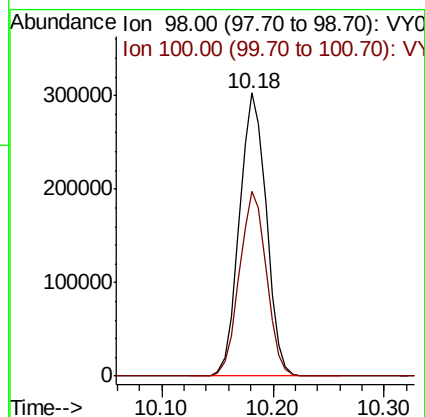
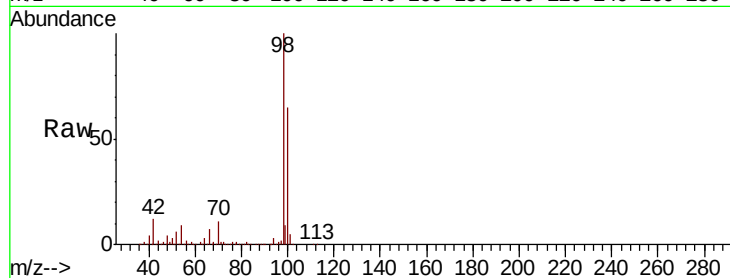
SB-1-(0-2)

Tot Ion: 98 Resp: 505721

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.682 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000861.D

Acq: 04 Dec 2019 14:18

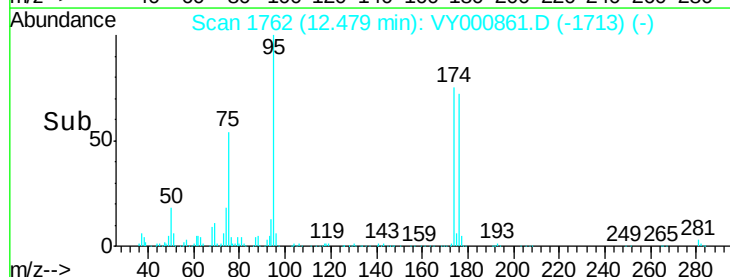
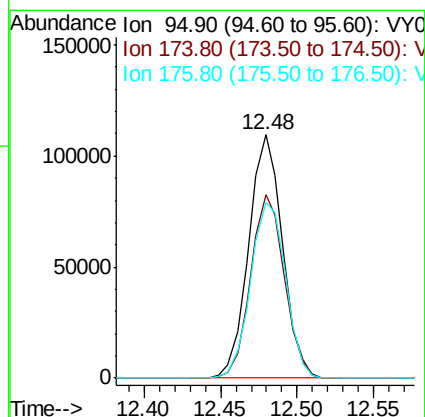
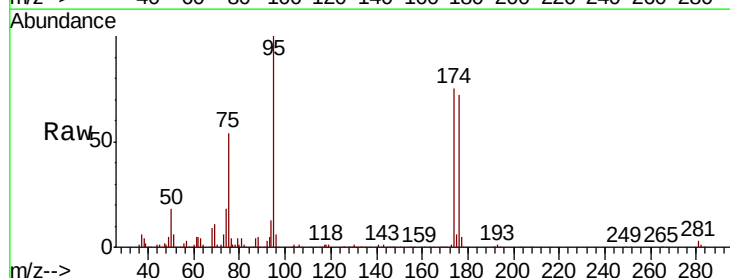
Tgt Ion: 95 Resp: 167657

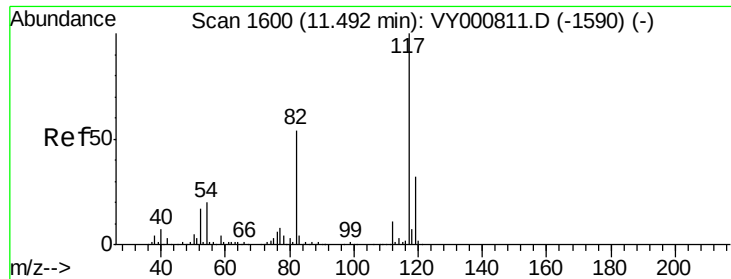
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.6

176 75.0 0.0 145.2

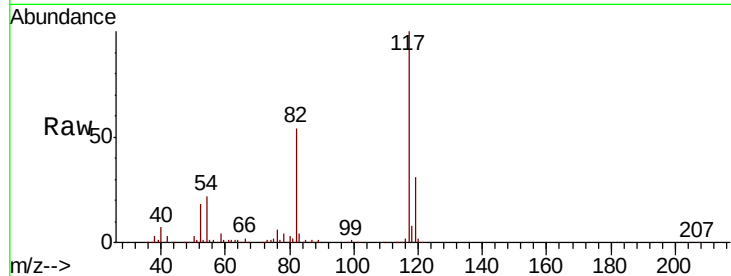




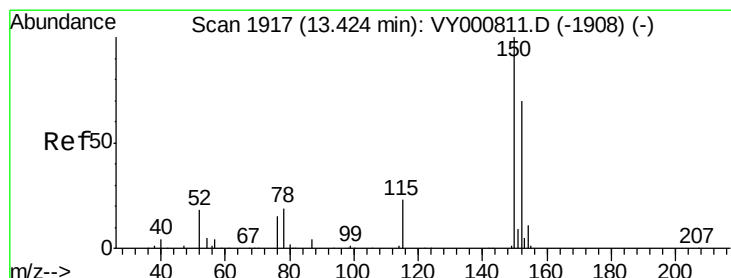
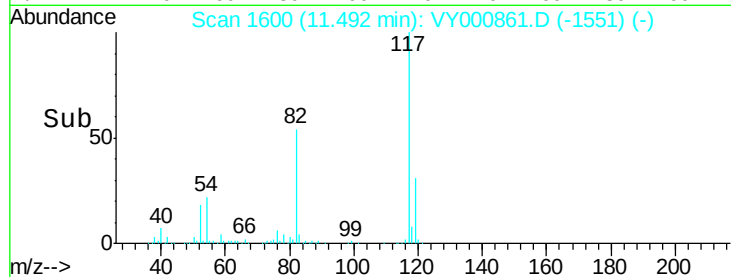
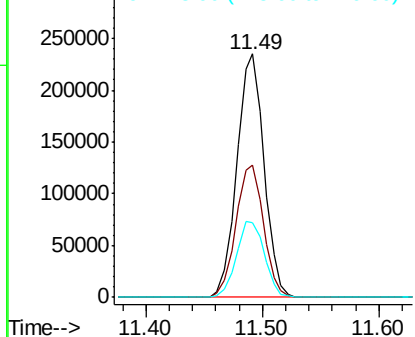
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000861.D
Acq: 04 Dec 2019 14:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-1(0-2)

Tot Ion:117 Resp: 381054
Ion Ratio Lower Upper
117 100
82 54.2 43.1 64.7
119 30.9 25.3 37.9

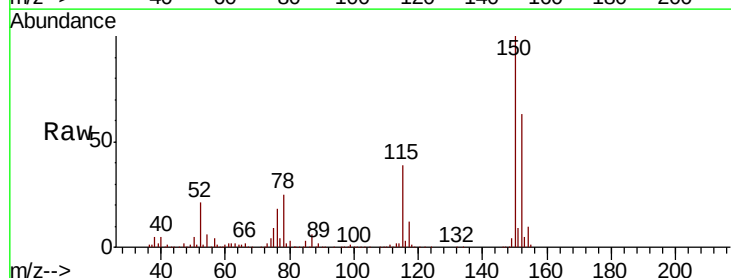


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000861.D
Acq: 04 Dec 2019 14:18

Tgt Ion:152 Resp: 166416
Ion Ratio Lower Upper
152 100
115 60.4 29.3 87.8
150 159.1 0.0 351.2



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

