

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000862.D
 Acq On : 04 Dec 2019 14:40
 Operator : SY/MD
 Sample : K6119-12
 Misc : 4.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(8-10)

Quant Time: Dec 05 08:16:01 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	220406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	419594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	377555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166284	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	144419	61.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.32%	
35) Dibromofluoromethane	7.73	113	124974	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.18	98	497651	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	167710	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

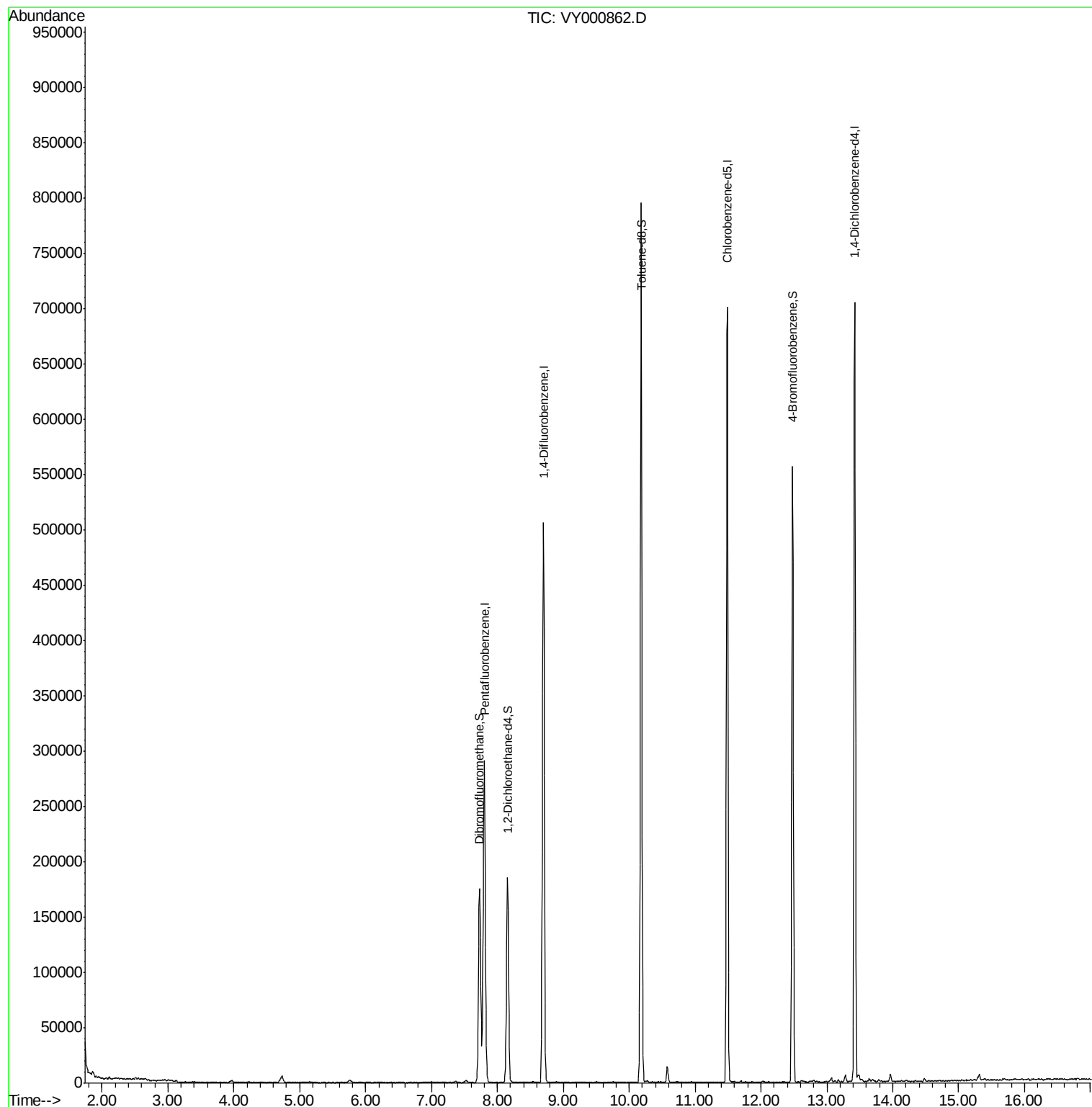
Target Compounds	Qvalue
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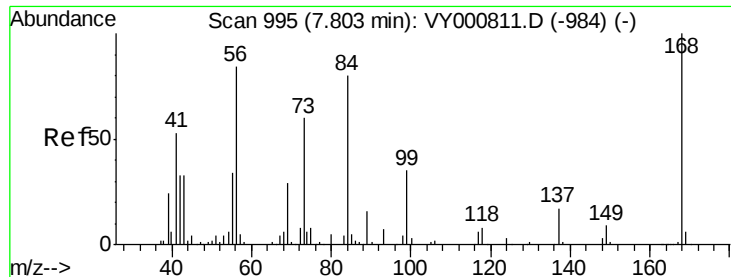
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000862.D

Acq: 04 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampled :

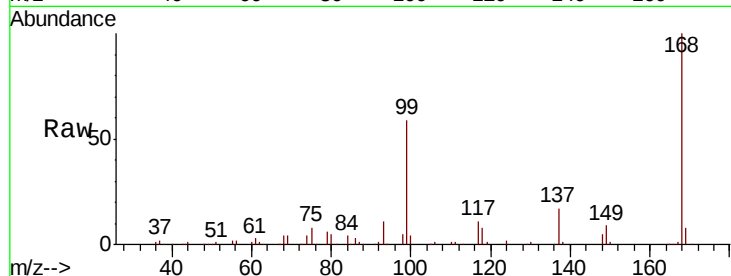
SB-1-(8-10)

Tot Ion:168 Resp: 220406

Ion Ratio Lower Upper

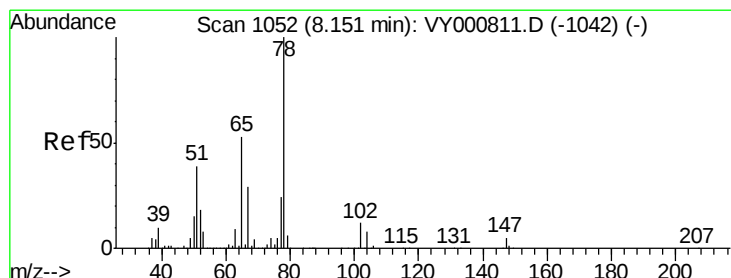
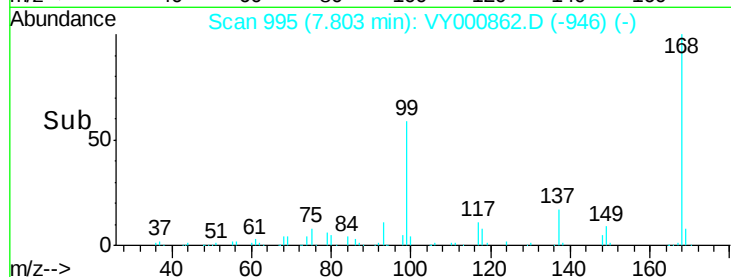
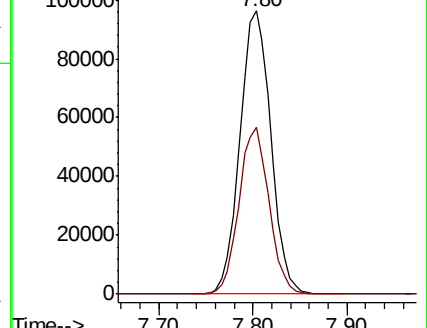
168 100

99 58.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.665 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000862.D

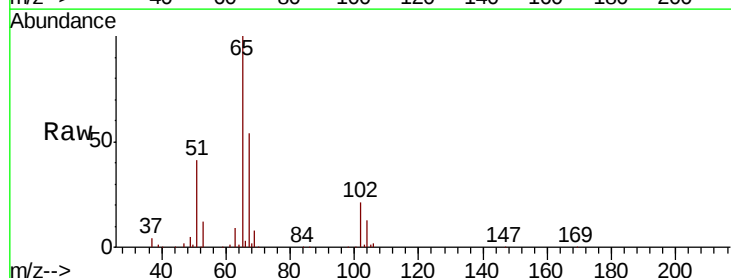
Acq: 04 Dec 2019 14:40

Tgt Ion: 65 Resp: 144419

Ion Ratio Lower Upper

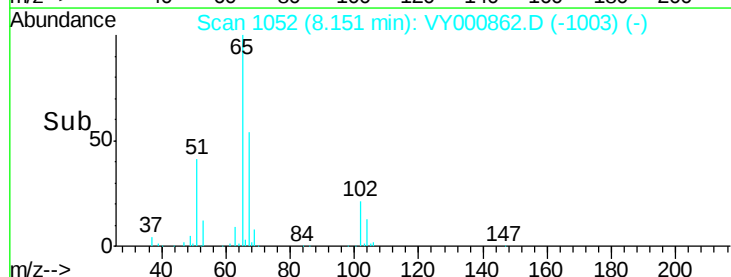
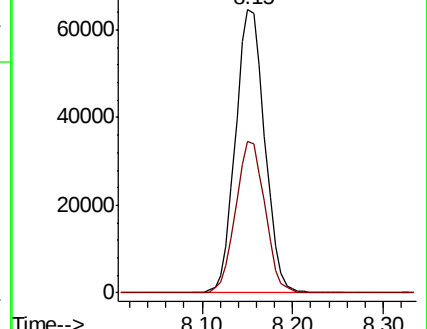
65 100

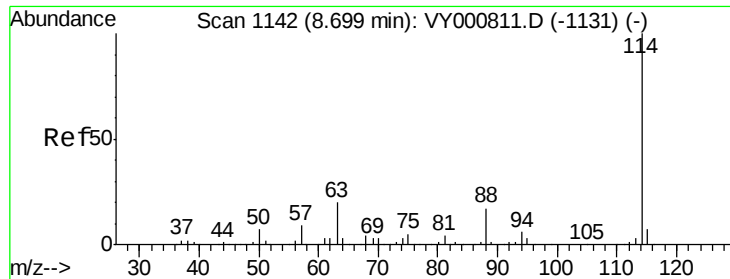
67 53.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)

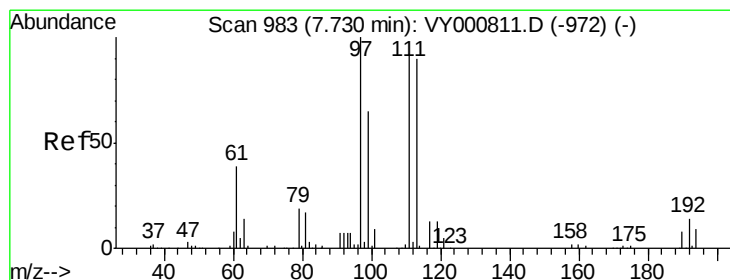
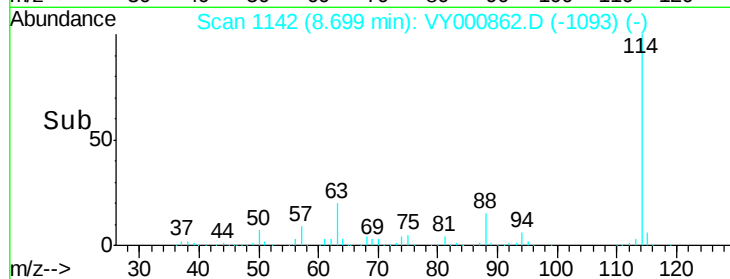
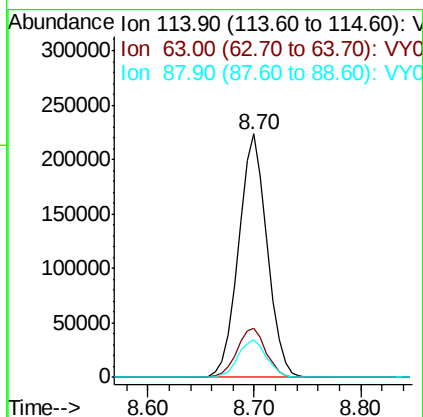
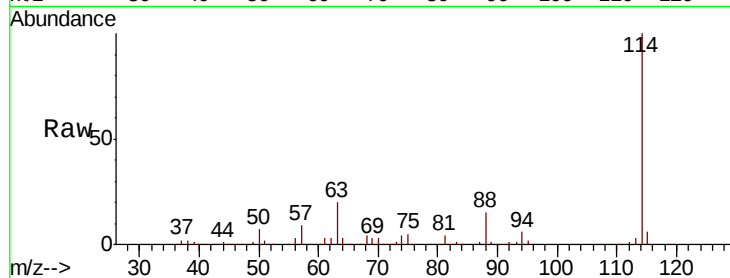




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VY000862.D
Acq: 04 Dec 2019 14:40

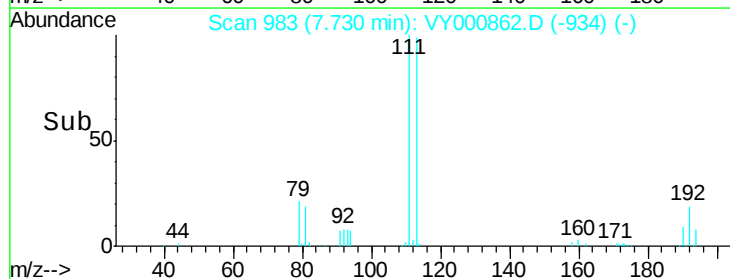
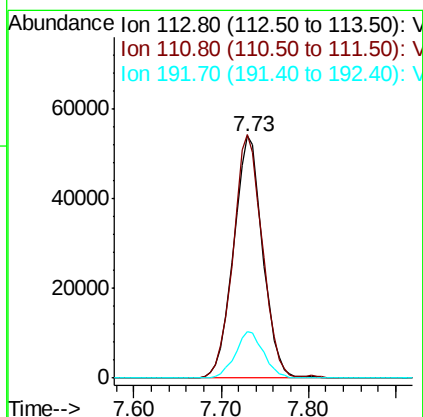
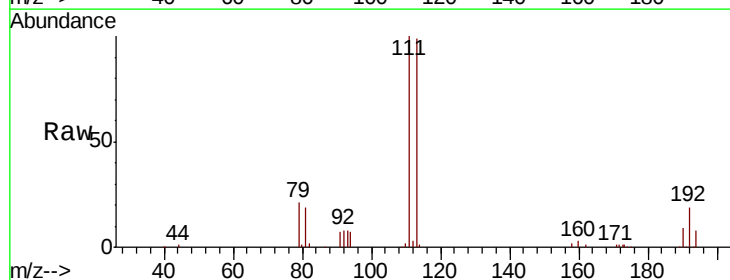
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(8-10)

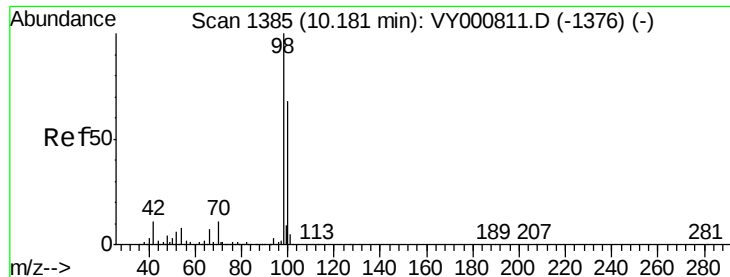
Tot Ion:114 Resp: 419594
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.8
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.106 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000862.D
Acq: 04 Dec 2019 14:40

Tgt Ion:113 Resp: 124974
Ion Ratio Lower Upper
113 100
111 100.3 82.4 123.6
192 18.8 14.2 21.2





#50

Toluene-d8

Concen: 50.903 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

Instrument :

MSVOA_Y

ClientSampleId :

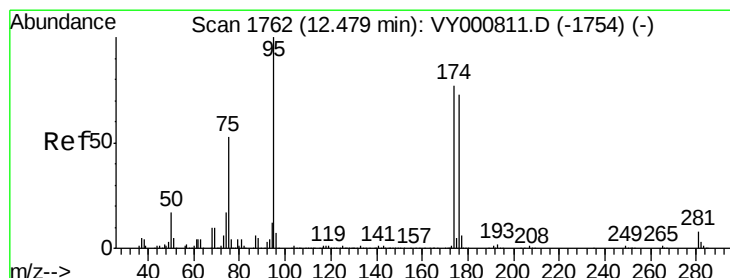
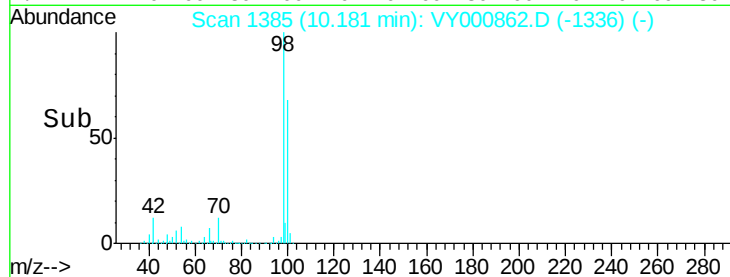
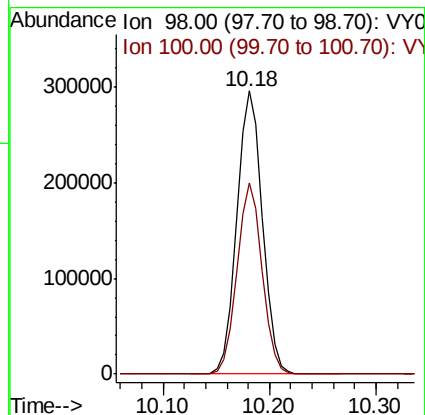
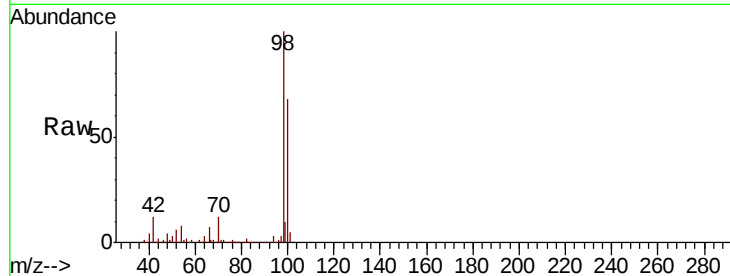
SB-1-(8-10)

Tot Ion: 98 Resp: 497651

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.678 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000862.D

Acq: 04 Dec 2019 14:40

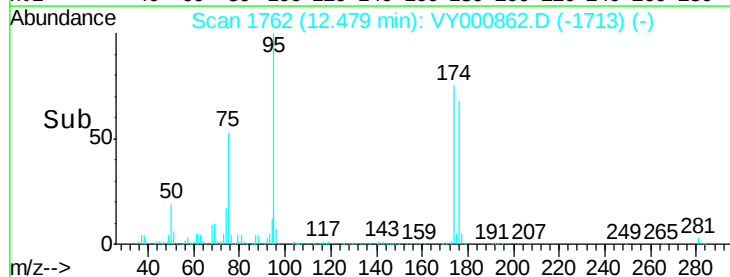
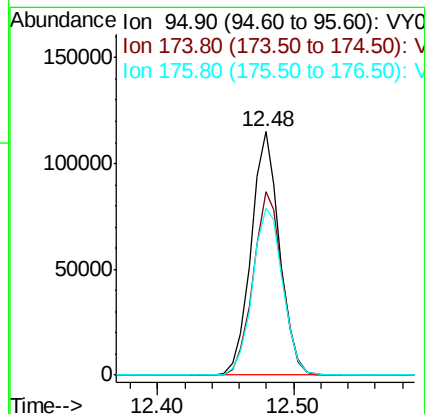
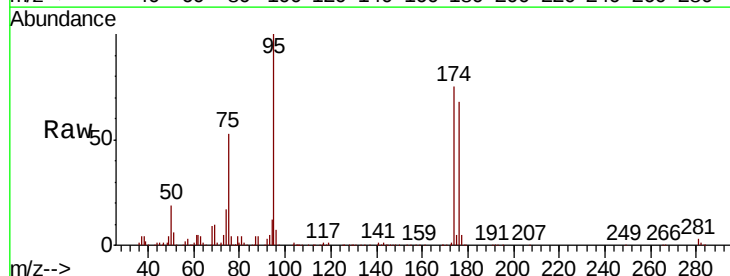
Tgt Ion: 95 Resp: 167710

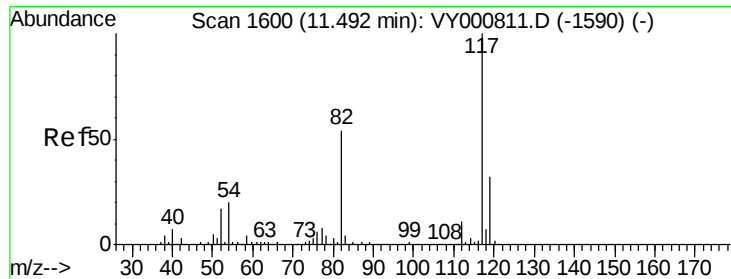
Ion Ratio Lower Upper

95 100

174 77.3 0.0 150.6

176 73.3 0.0 145.2

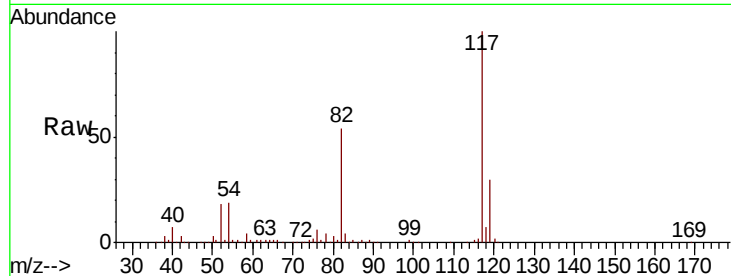




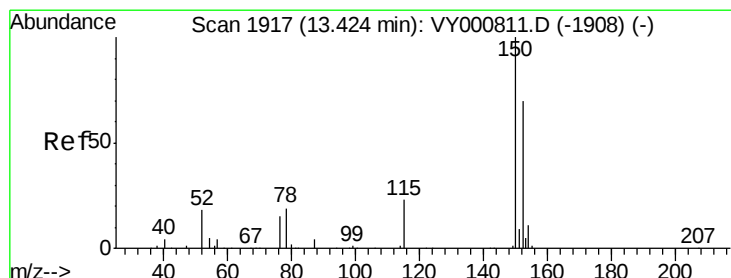
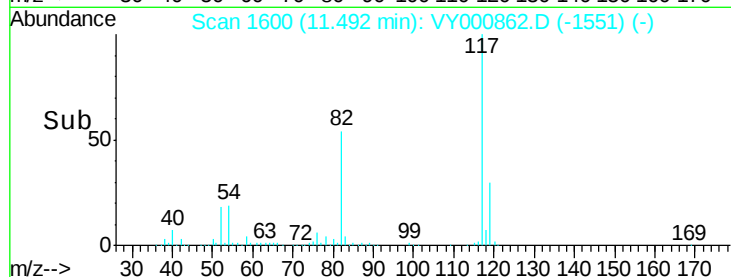
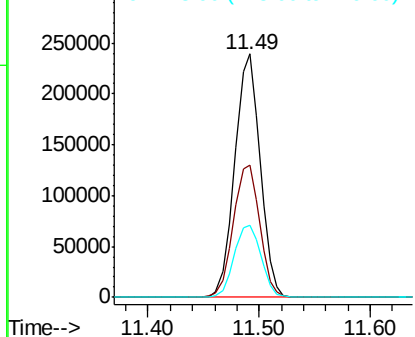
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000862.D
Acq: 04 Dec 2019 14:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(8-10)

Tot Ion:117 Resp: 377555
Ion Ratio Lower Upper
117 100
82 54.5 43.1 64.7
119 29.7 25.3 37.9

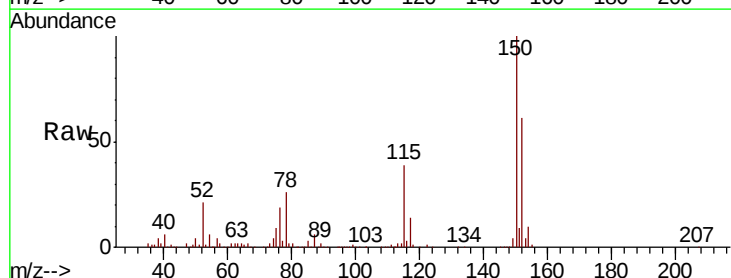


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000862.D
Acq: 04 Dec 2019 14:40

Tgt Ion:152 Resp: 166284
Ion Ratio Lower Upper
152 100
115 61.7 29.3 87.8
150 160.5 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

