

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120419\
 Data File : VY000864.D
 Acq On : 04 Dec 2019 15:25
 Operator : SY/MD
 Sample : K6119-07RE
 Misc : 5.10G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)RE

Quant Time: Dec 05 08:20:00 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	174619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	324682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	295613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	131730	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	116654	62.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.74%	
35) Dibromofluoromethane	7.73	113	96648	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.18	98	398068	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	131741	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	

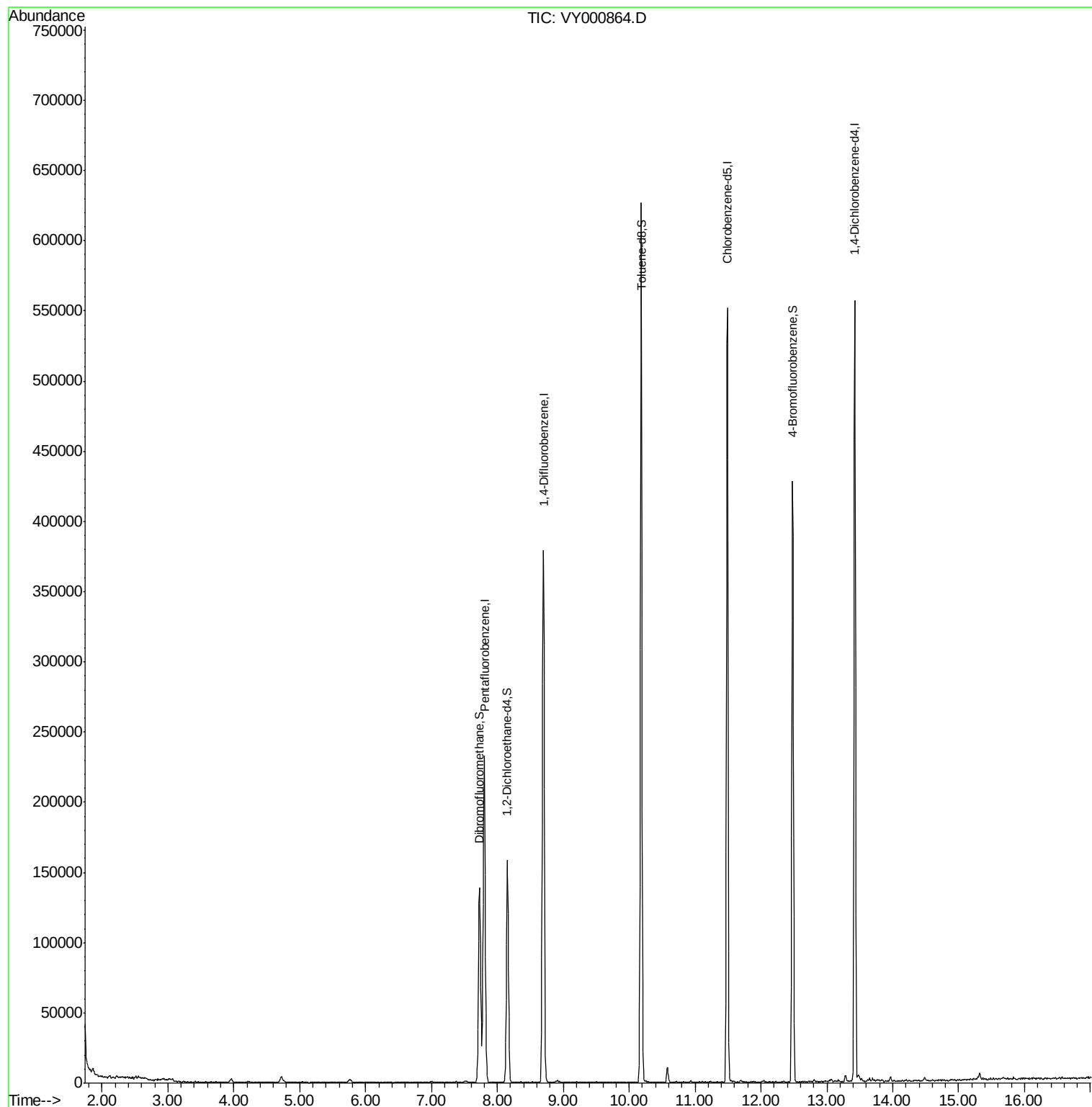
Target Compounds	Qvalue

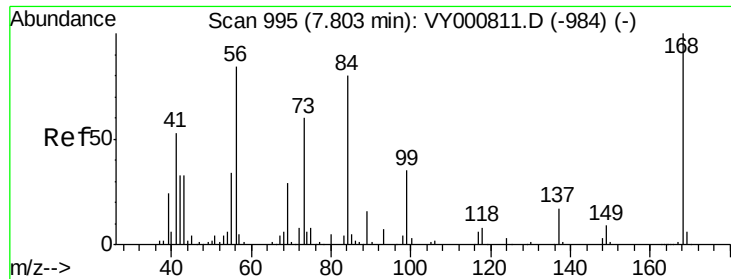
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000864.D

Acq: 04 Dec 2019 15:25

Instrument :

MSVOA_Y

ClientSampleId :

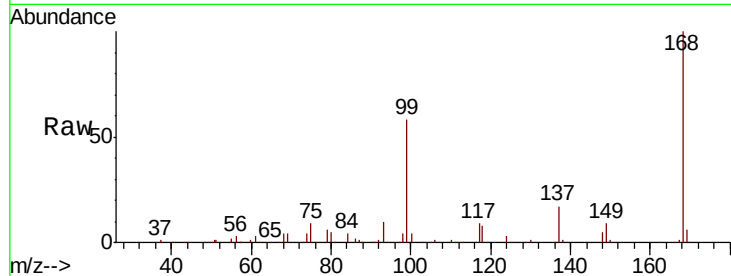
SB-5-(0-2)RE

Tot Ion:168 Resp: 174619

Ion Ratio Lower Upper

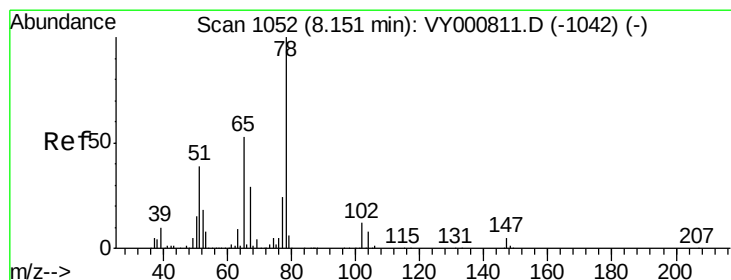
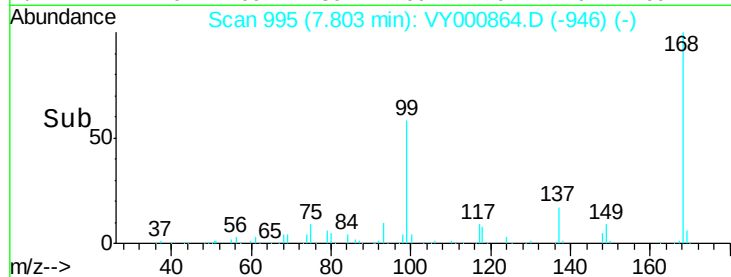
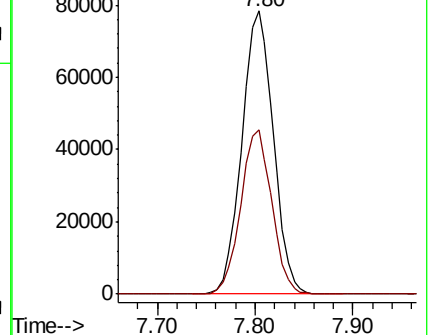
168 100

99 57.9 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: 62.870 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000864.D

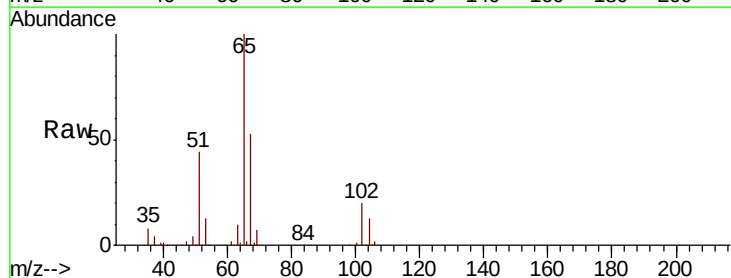
Acq: 04 Dec 2019 15:25

Tgt Ion: 65 Resp: 116654

Ion Ratio Lower Upper

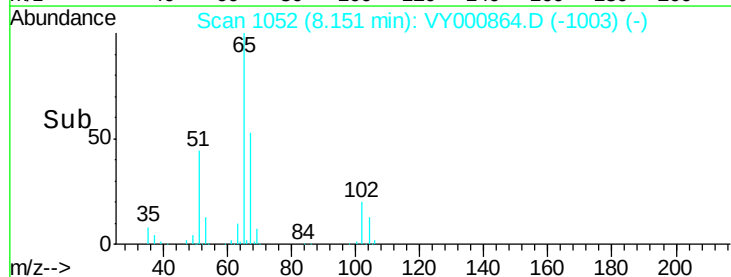
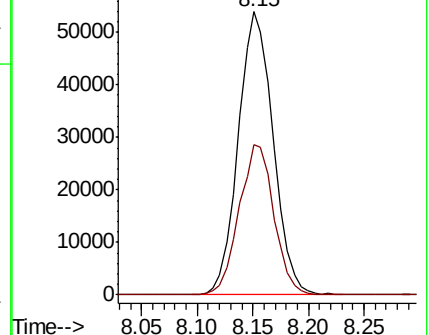
65 100

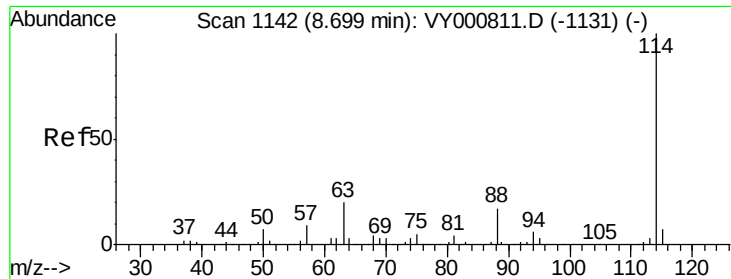
67 53.1 0.0 112.0



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

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

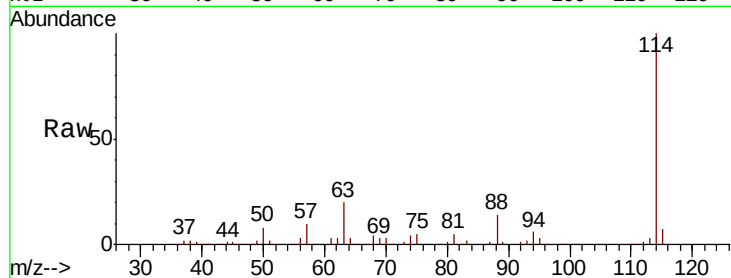




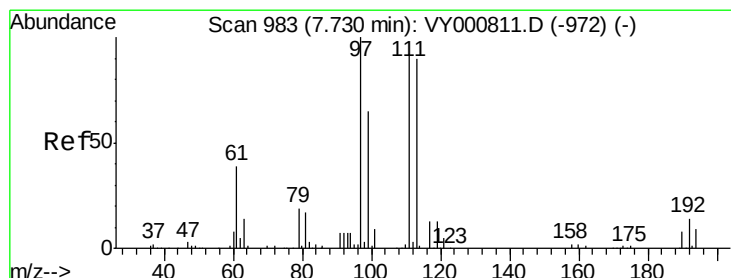
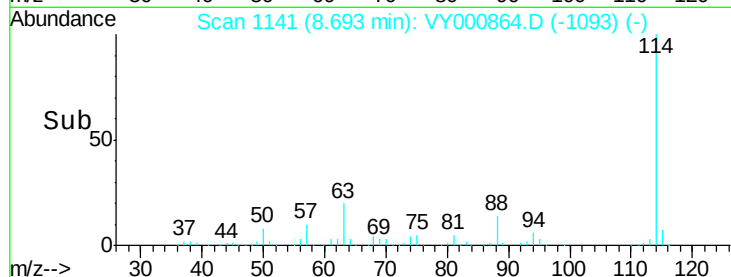
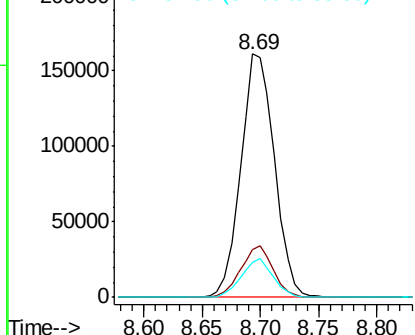
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000864.D
 Acq: 04 Dec 2019 15:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(0-2)RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.8
88	14.5	0.0	33.2

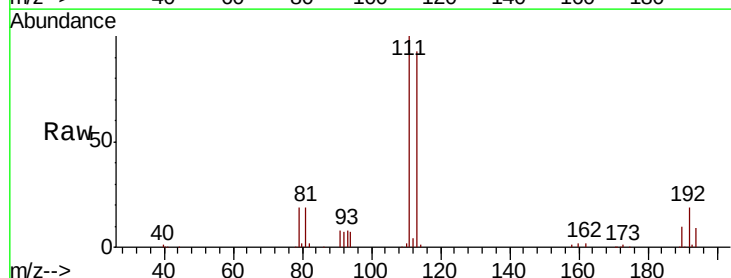


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

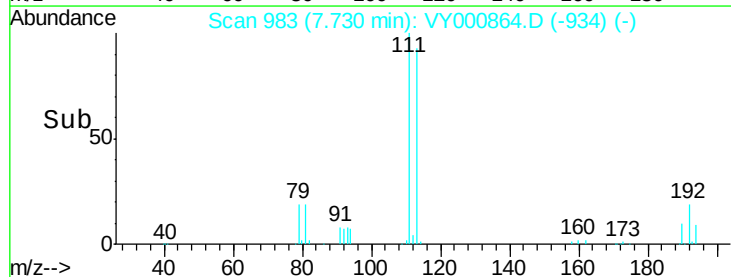
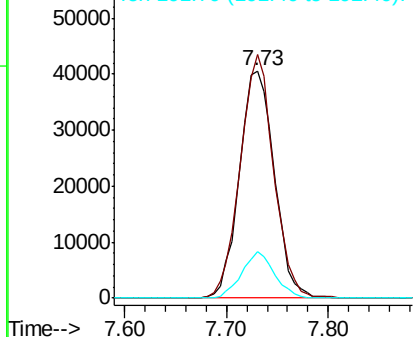


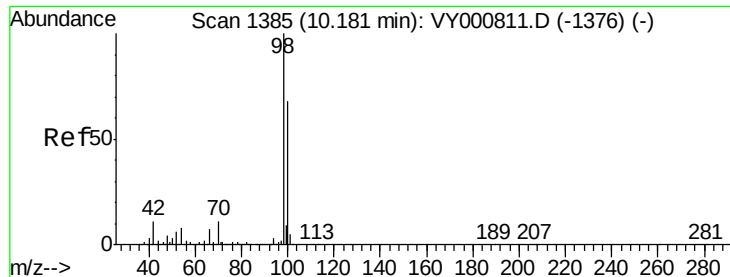
#35
 Dibromofluoromethane
 Concen: 51.076 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000864.D
 Acq: 04 Dec 2019 15:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	19.2	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





#50

Toluene-d8

Concen: 52.619 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000864.D

Acq: 04 Dec 2019 15:25

Instrument :

MSVOA_Y

ClientSampleId :

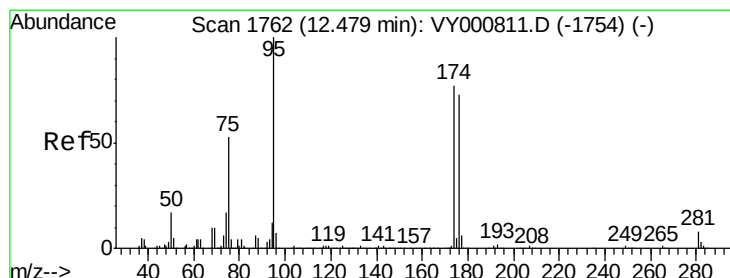
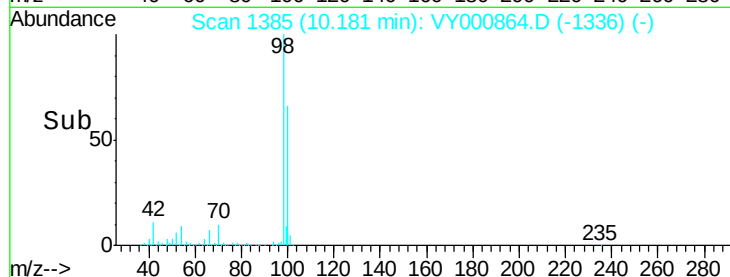
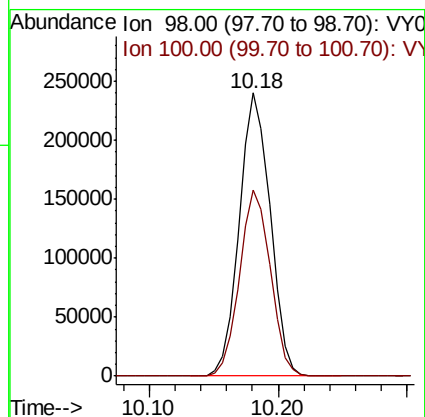
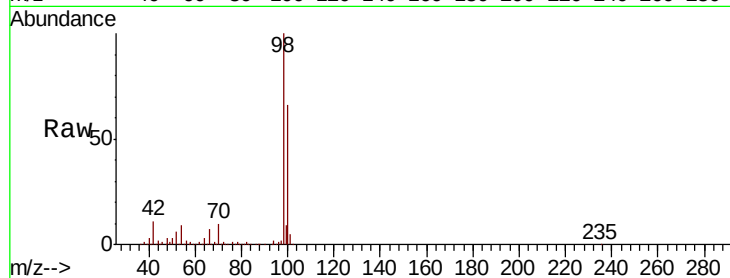
SB-5-(0-2)RE

Tot Ion: 98 Resp: 398068

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.370 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000864.D

Acq: 04 Dec 2019 15:25

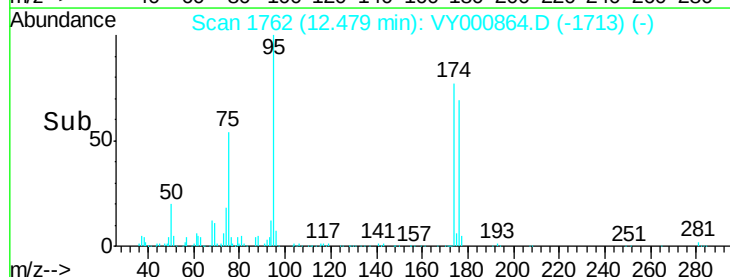
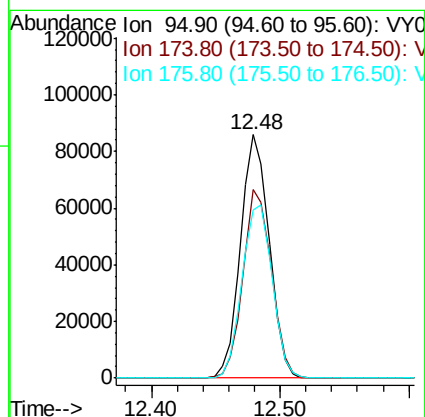
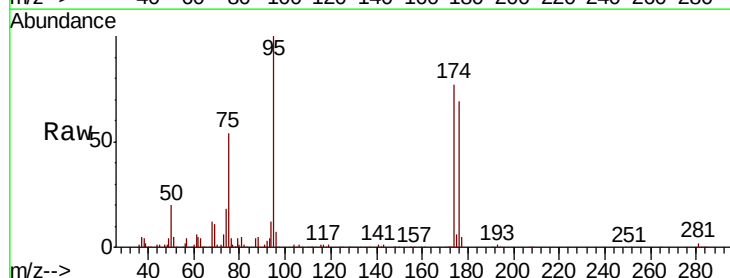
Tgt Ion: 95 Resp: 131741

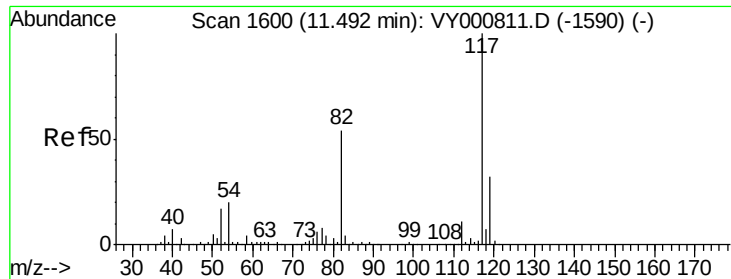
Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.6

176 75.2 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: VY000864.D

Acq: 04 Dec 2019 15:25

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(0-2)RE

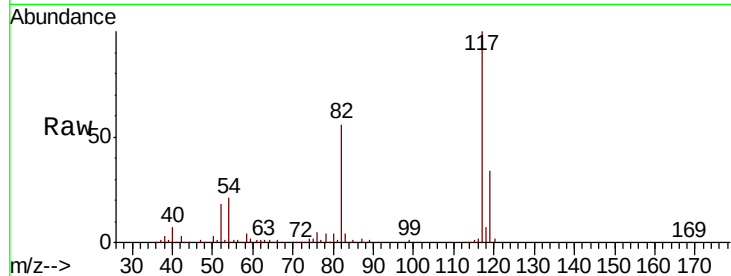
Tot Ion:117 Resp: 295613

Ion Ratio Lower Upper

117 100

82 56.2 43.1 64.7

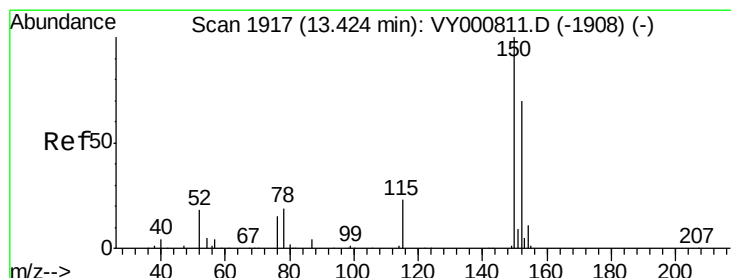
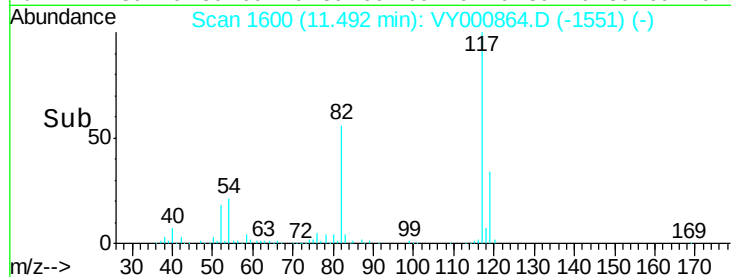
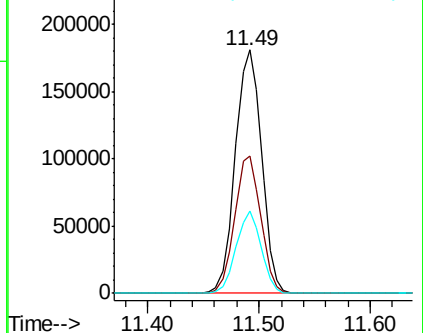
119 33.6 25.3 37.9



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: VY000864.D

Acq: 04 Dec 2019 15:25

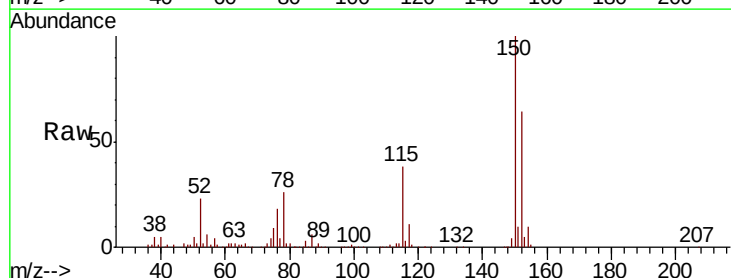
Tgt Ion:152 Resp: 131730

Ion Ratio Lower Upper

152 100

115 58.9 29.3 87.8

150 159.5 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

