

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051820\
 Data File : VY002706.D
 Acq On : 18 May 2020 13:12
 Operator : SY/MD
 Sample : L2679-08
 Misc : 7.95G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-11.5-12.0

Quant Time: May 19 01:24:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 04:52:36 2020
 Response via : Initial Calibration

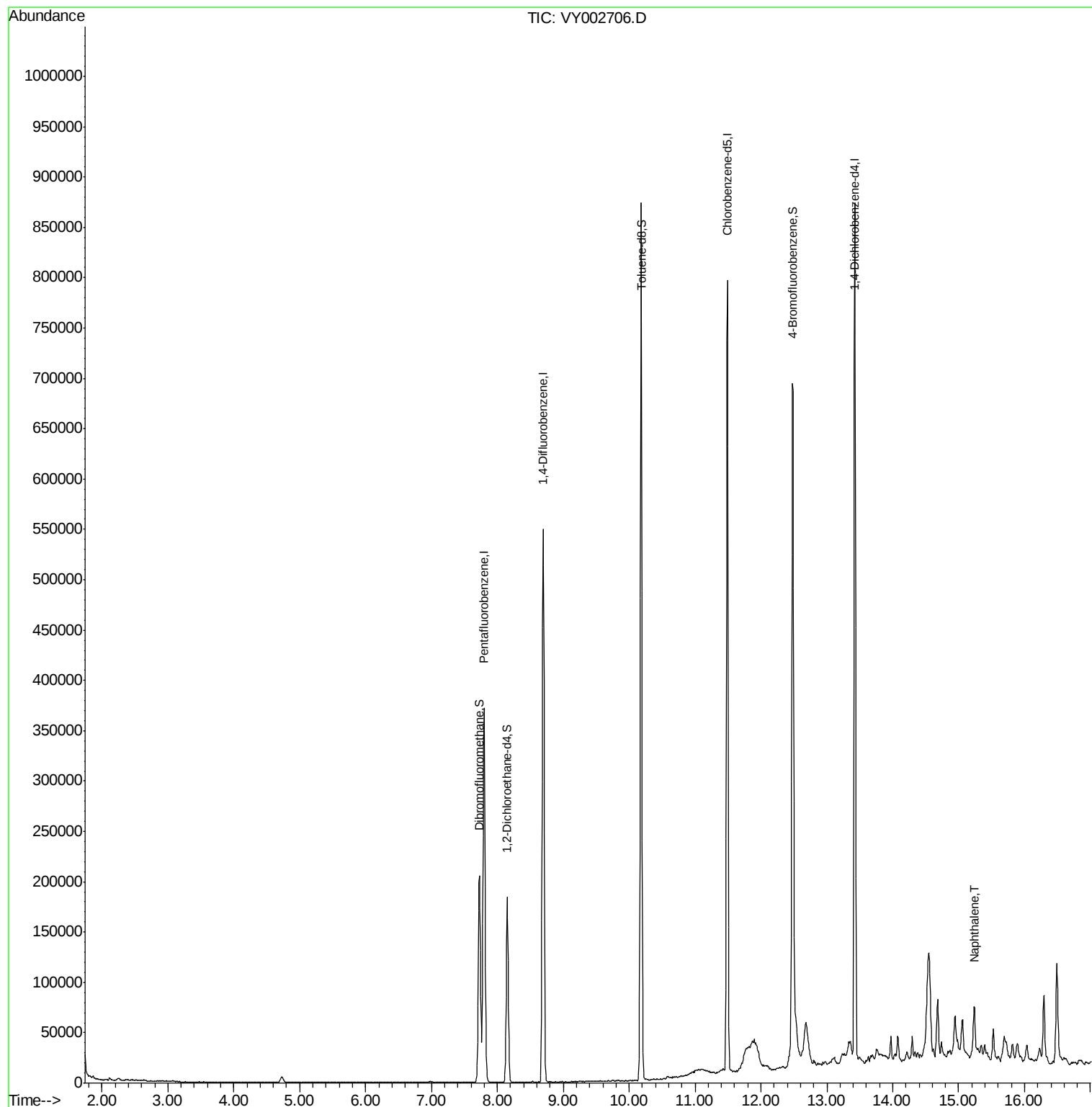
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	500687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	461614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	231220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	140700	56.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.66%	
35) Dibromofluoromethane	7.72	113	146404	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.18	98	588731	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.48	95	201080	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
Target Compounds						
95) Naphthalene	15.23	128	30715	3.415	ug/l #	Qvalue 94

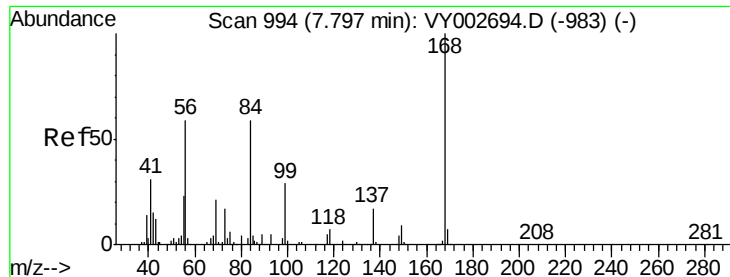
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002706.D

Acq: 18 May 2020 13:12

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MSVOA_Y

ClientSampleId :

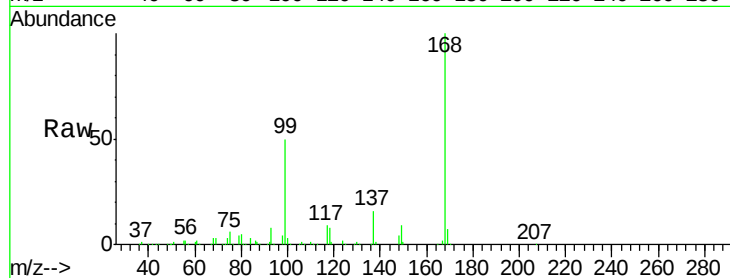
SB-7-11.5-12.0

Tot Ion:168 Resp: 316507

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002706.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002706.D (-945) (-)

7.80

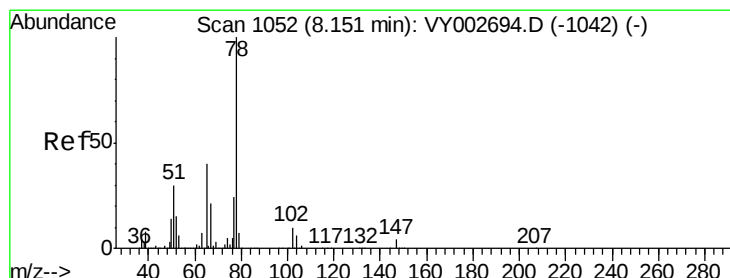
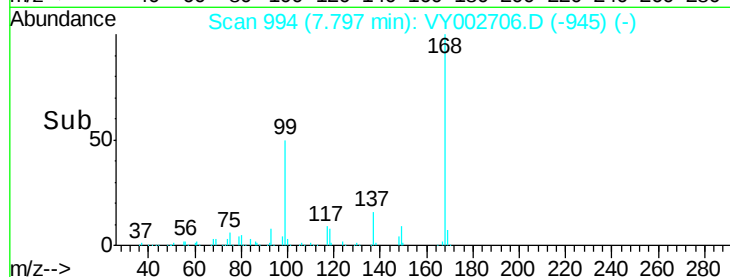
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.831 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY002706.D

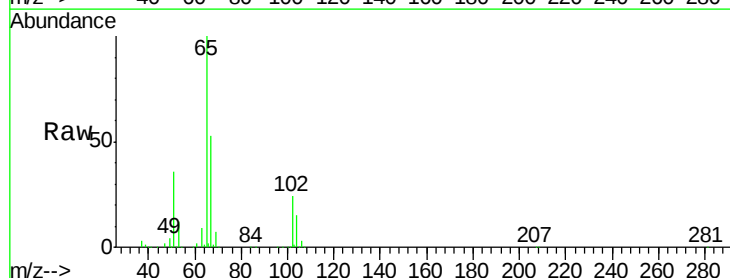
Acq: 18 May 2020 13:12

Tgt Ion: 65 Resp: 140700

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VY002706.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY002706.D (-1003) (-)

8.15

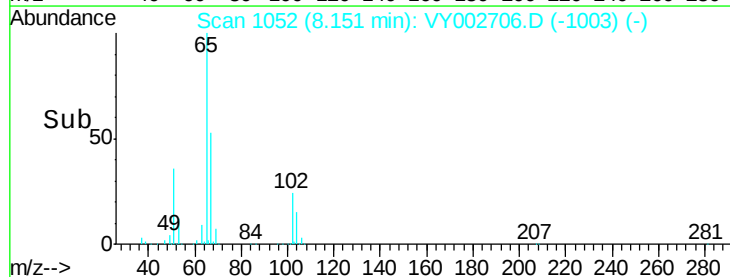
60000

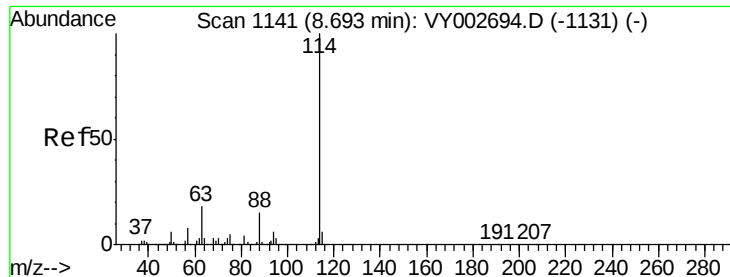
40000

20000

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Time-->

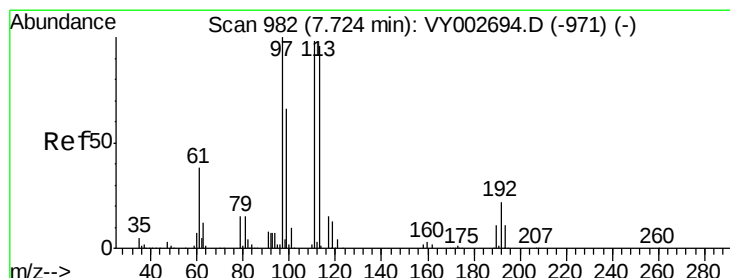
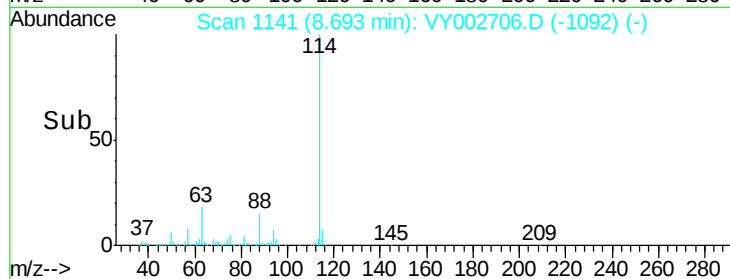
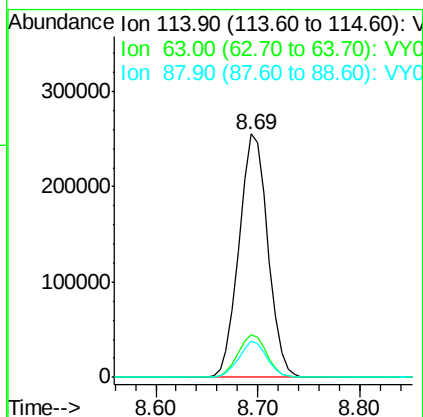
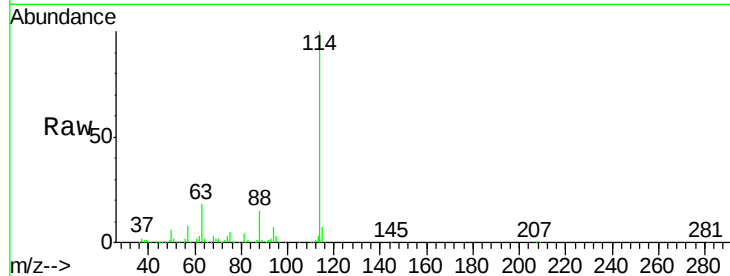




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002706.D
 Acq: 18 May 2020 13:12

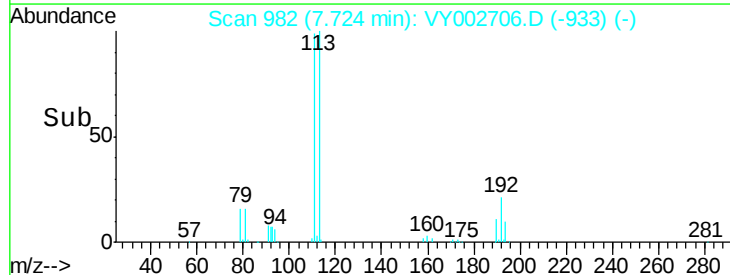
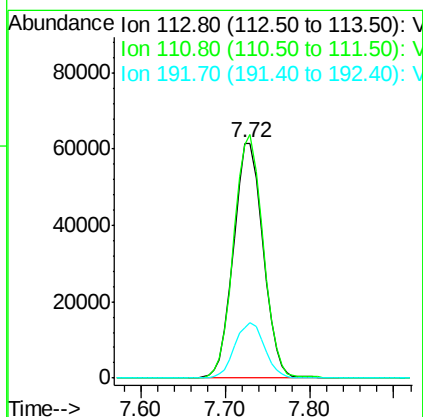
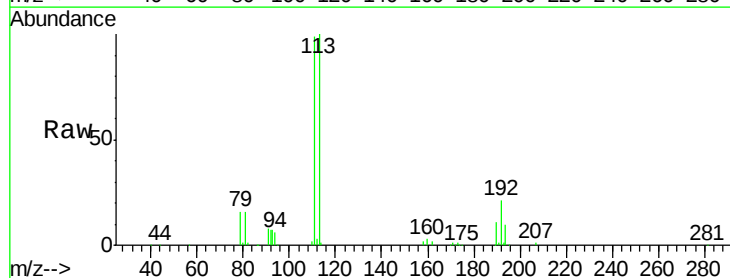
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-11.5-12.0

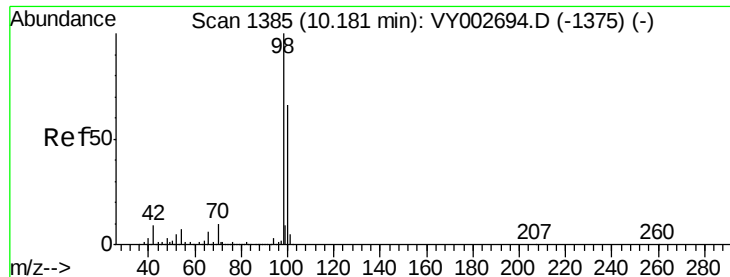
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.4
88	14.9	0.0	29.4



#35
 Dibromofluoromethane
 Concen: 52.984 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002706.D
 Acq: 18 May 2020 13:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	23.6	18.6	27.8





#50

Toluene-d8

Concen: 52.921 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002706.D

Acq: 18 May 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

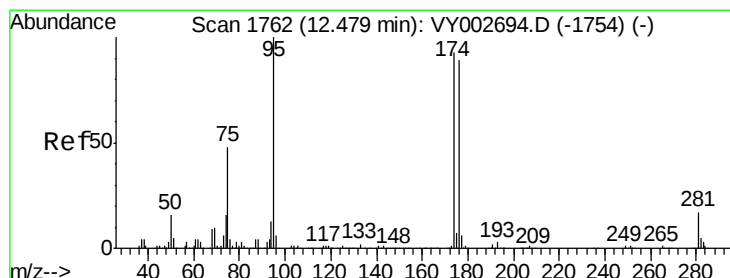
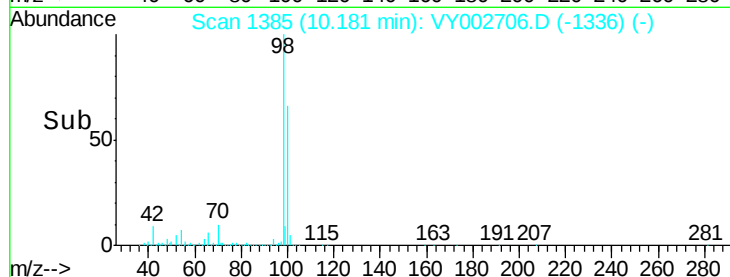
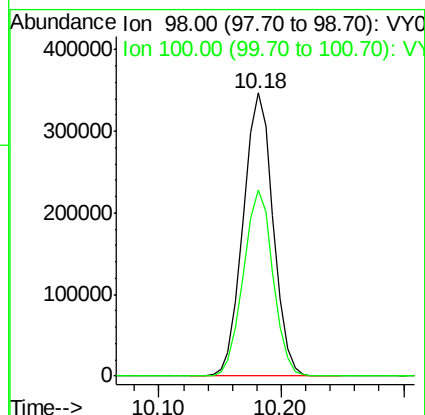
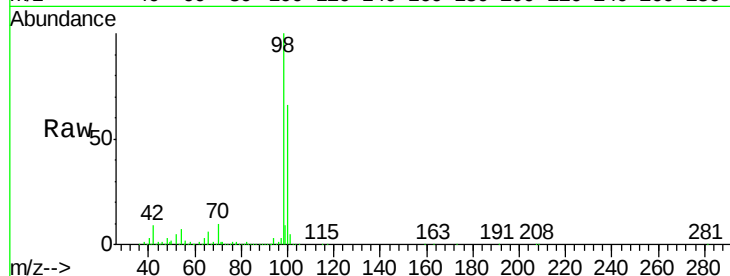
SB-7-11.5-12.0

Tot Ion: 98 Resp: 588731

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 52.589 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002706.D

Acq: 18 May 2020 13:12

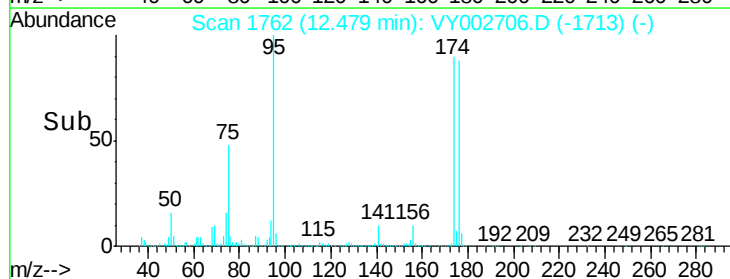
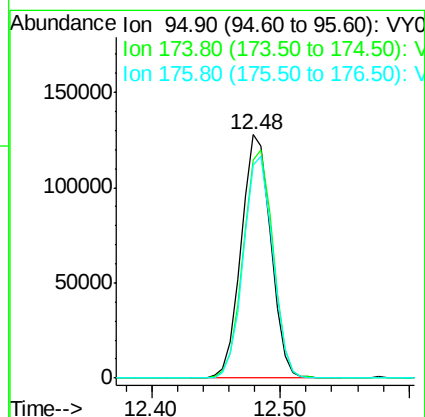
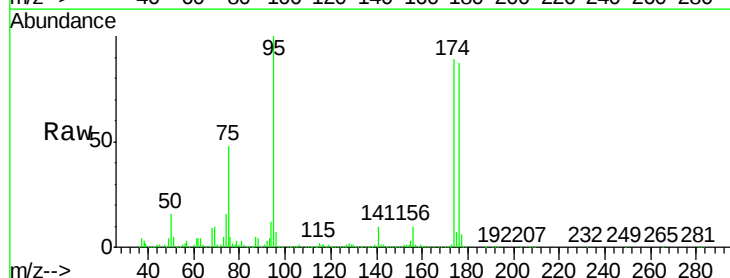
Tgt Ion: 95 Resp: 201080

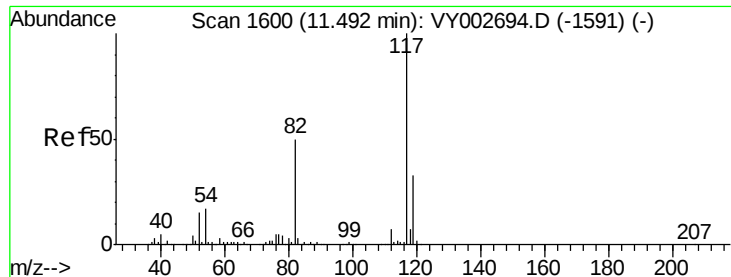
Ion Ratio Lower Upper

95 100

174 94.5 0.0 191.4

176 90.7 0.0 186.0

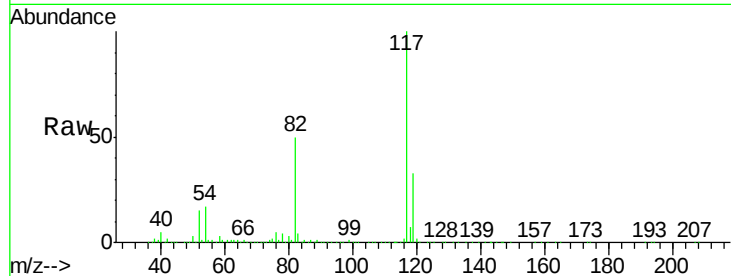




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002706.D
Acq: 18 May 2020 13:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-7-11.5-12.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.3	60.5
119	32.7	26.2	39.4

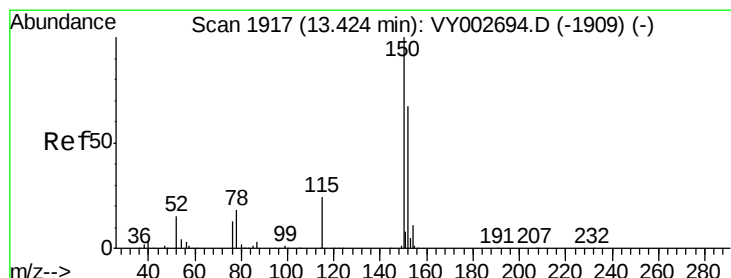
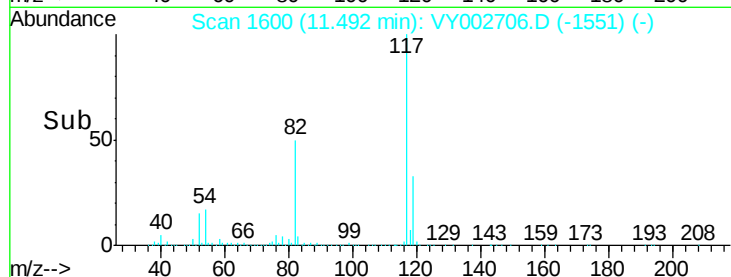
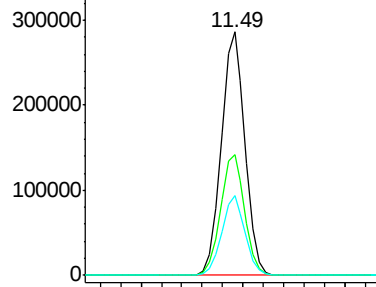


Abundance

Ion 116.90 (116.60 to 117.60): V

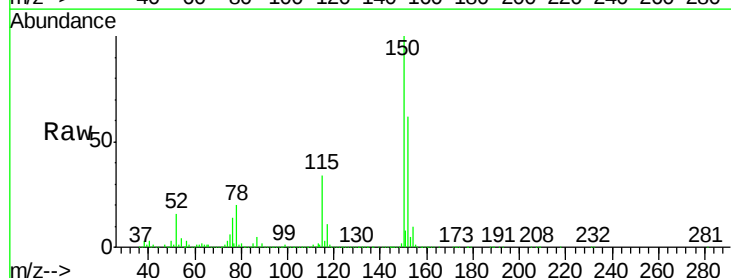
Ion 82.00 (81.70 to 82.70): VY0

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: VY002706.D
Acq: 18 May 2020 13:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.2	81.6
150	157.1	0.0	343.8

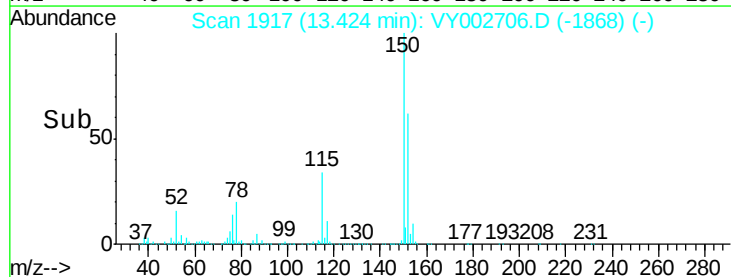
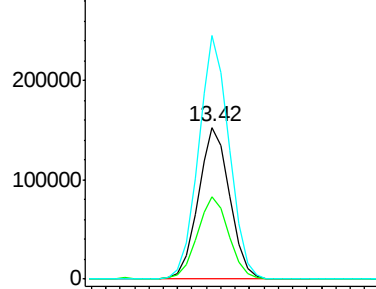


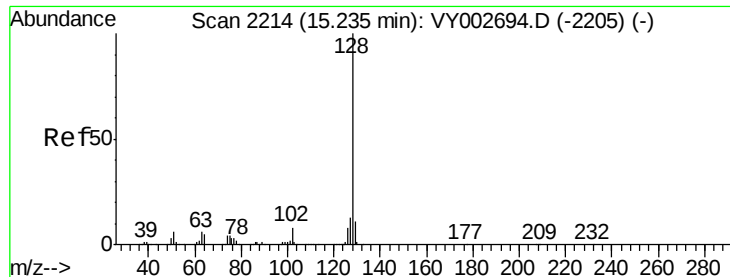
Abundance

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





#95

Naphthalene

Concen: 3.415 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY002706.D

Acq: 18 May 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-7-11.5-12.0

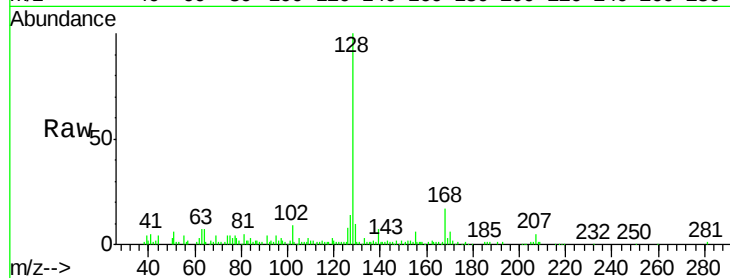
Tot Ion:128 Resp: 30715

Ion Ratio Lower Upper

128 100

127 16.5 10.3 15.5#

129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

