

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003068.D
 Acq On : 01 Jul 2020 18:59
 Operator : SY/MD
 Sample : L2814-14RE
 Misc : 7.52G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-063020RE

Quant Time: Jul 02 04:04:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

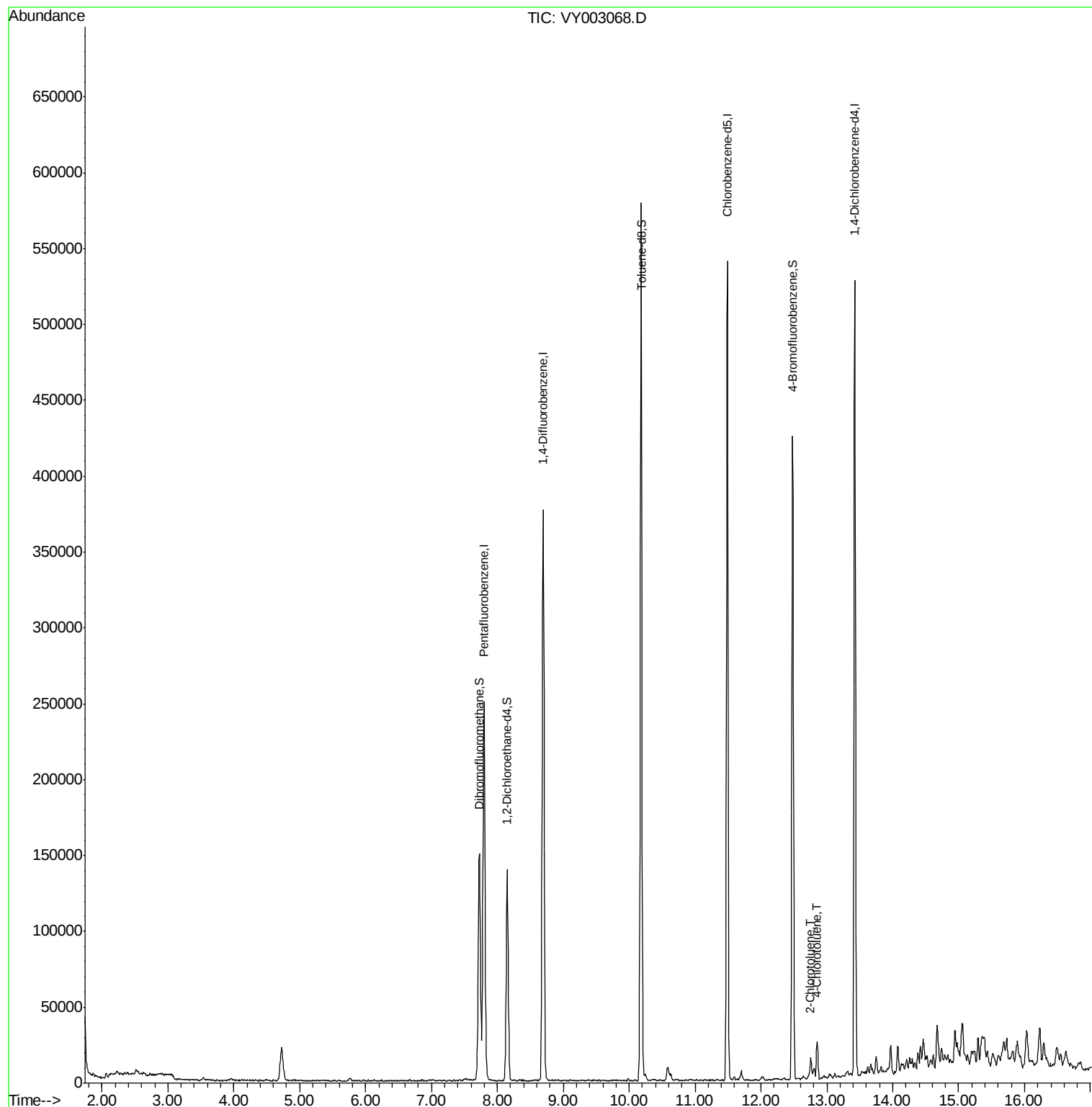
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	202514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	132101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	107872	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
35) Dibromofluoromethane	7.73	113	103440	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
50) Toluene-d8	10.18	98	382661	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.48	95	123239	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
79) 2-Chlorotoluene	12.76	91	6951	1.198	ug/l	93
82) 4-Chlorotoluene	12.86	91	13232	2.190	ug/l	97

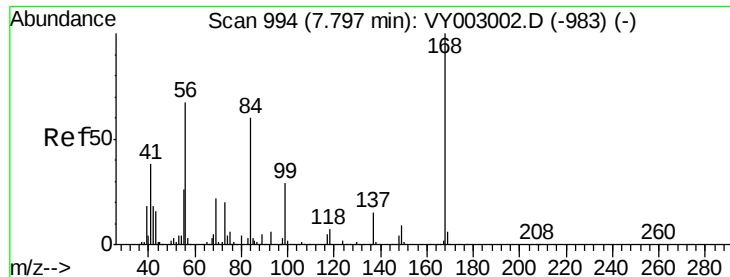
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003068.D

Acq: 01 Jul 2020 18:59

Instrument :

MSVOA_Y

ClientSampleId :

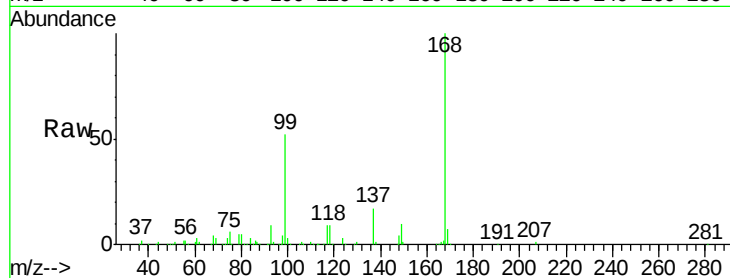
PL-02-063020RE

Tot Ion:168 Resp: 202514

Ion Ratio Lower Upper

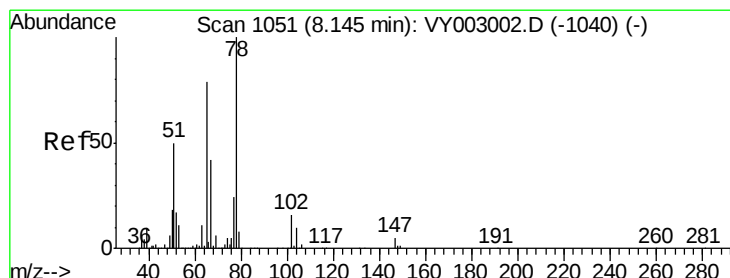
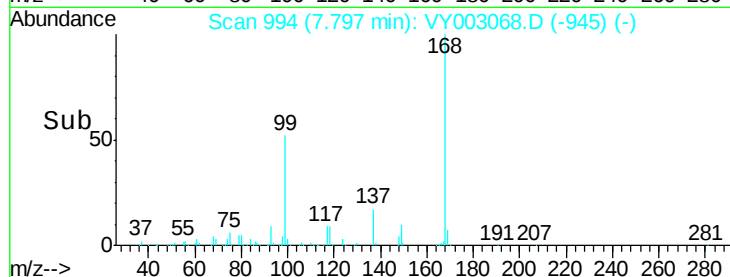
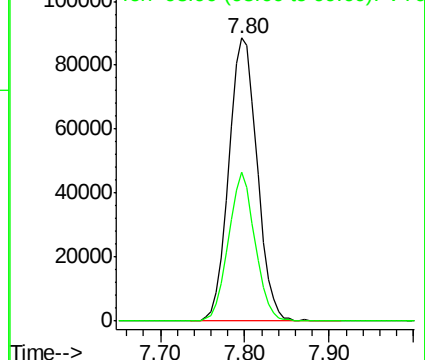
168 100

99 52.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003068.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003068.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.631 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003068.D

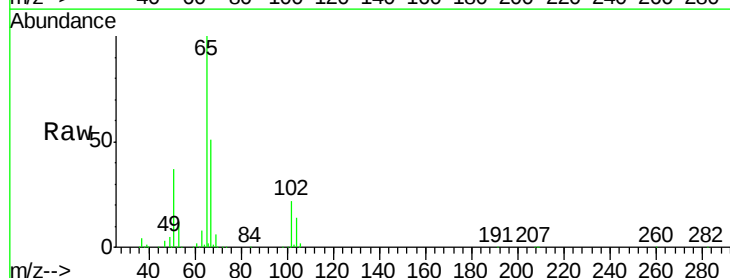
Acq: 01 Jul 2020 18:59

Tgt Ion: 65 Resp: 107872

Ion Ratio Lower Upper

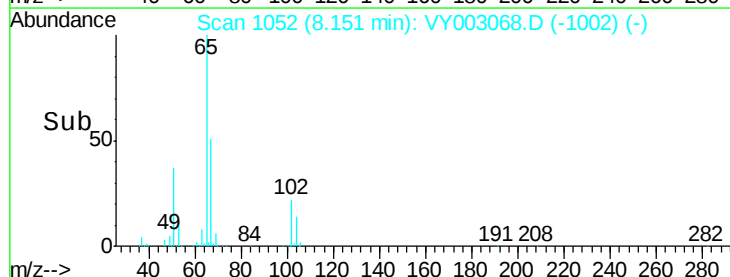
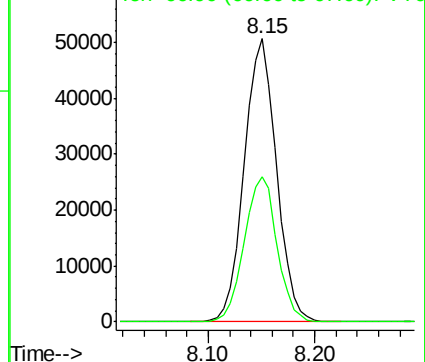
65 100

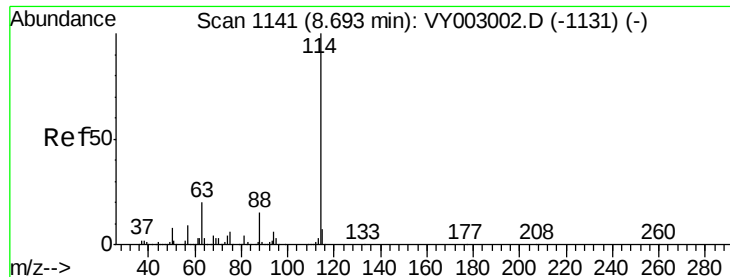
67 52.2 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003068.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003068.D (-1002) (-)

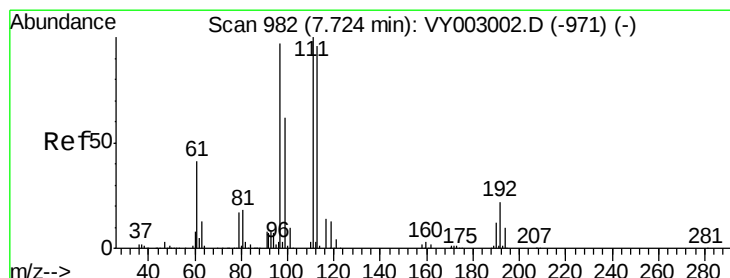
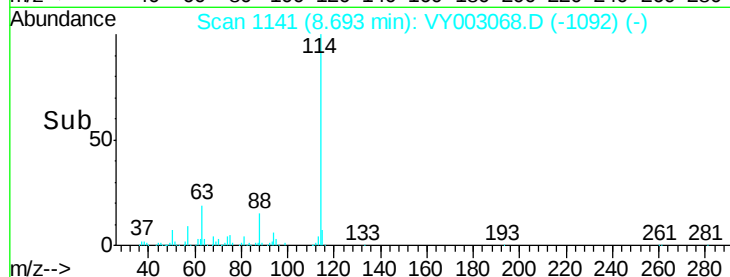
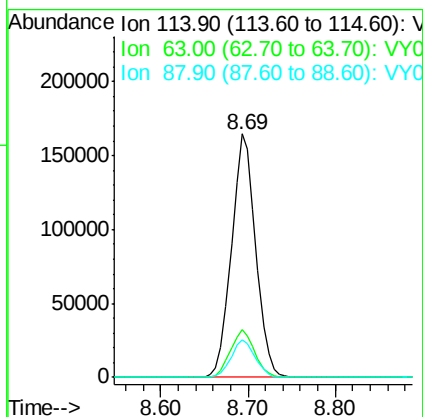
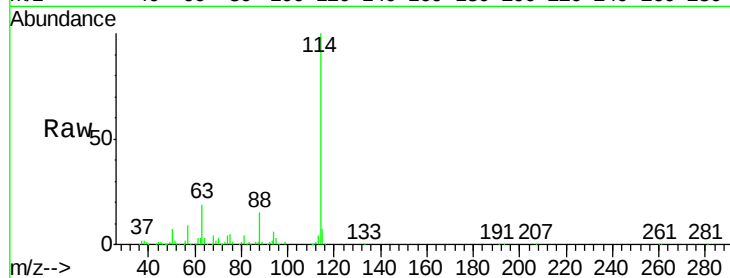




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003068.D
 Acq: 01 Jul 2020 18:59

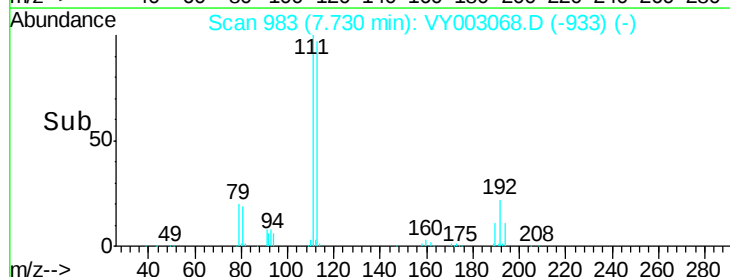
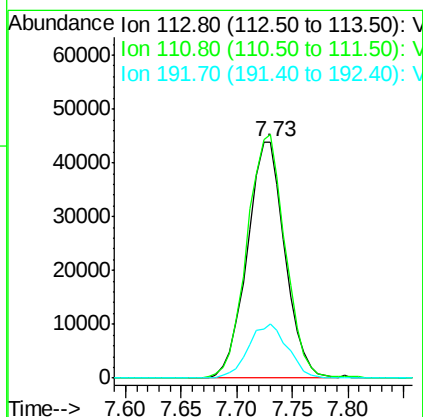
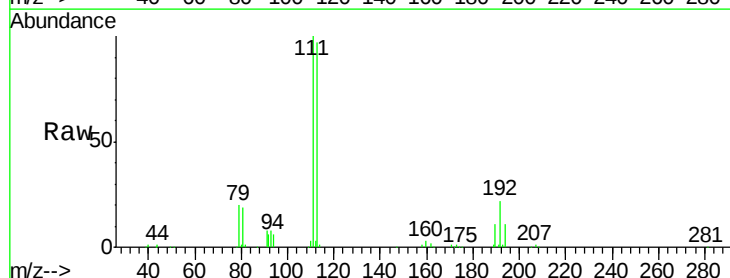
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-063020RE

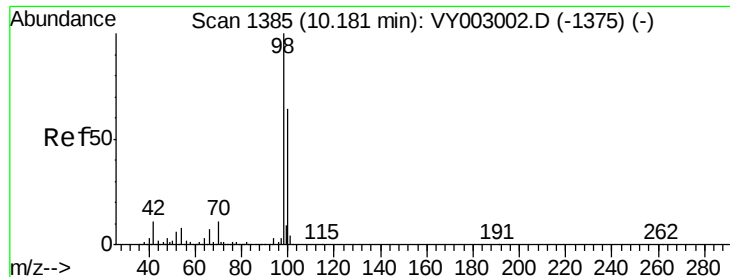
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.6
88	15.2	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 52.335 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY003068.D
 Acq: 01 Jul 2020 18:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.6	123.8
192	23.9	18.1	27.1





#50

Toluene-d8

Concen: 51.969 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003068.D

Acq: 01 Jul 2020 18:59

Instrument :

MSVOA_Y

ClientSampleId :

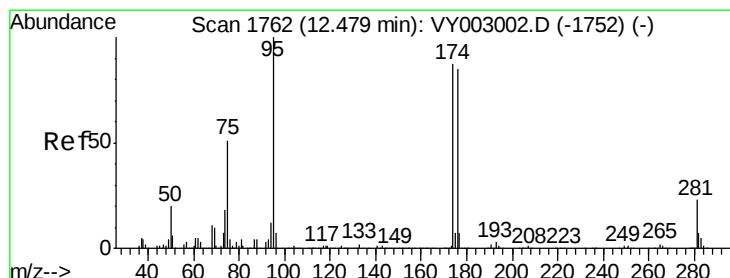
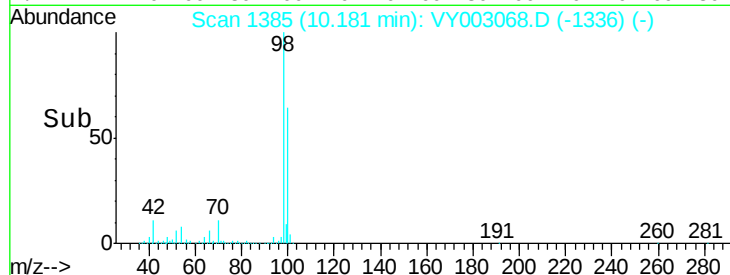
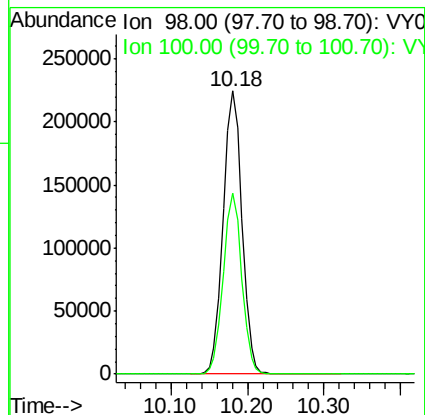
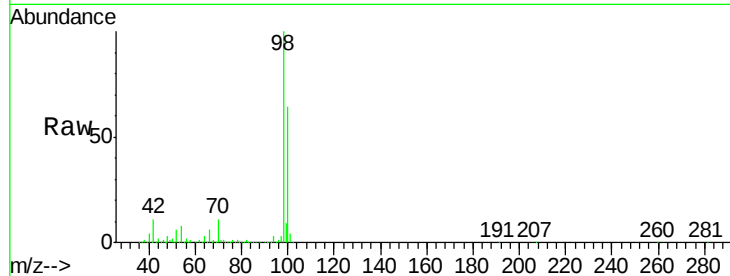
PL-02-063020RE

Tot Ion: 98 Resp: 382661

Ion Ratio Lower Upper

98 100

100 62.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 47.548 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003068.D

Acq: 01 Jul 2020 18:59

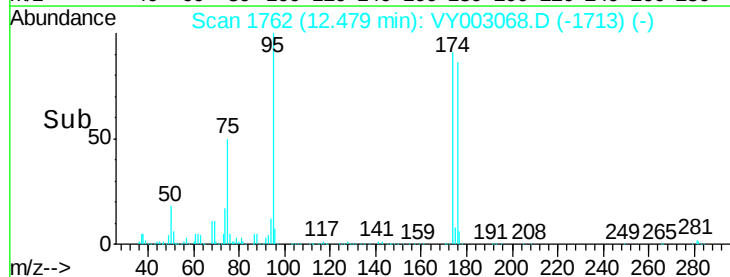
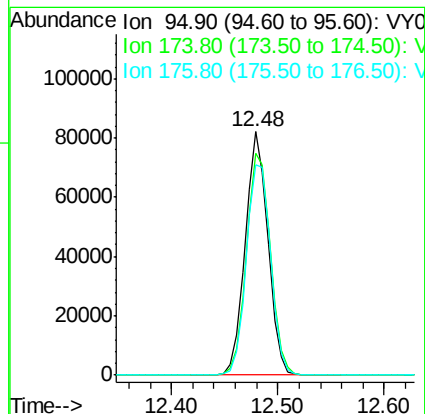
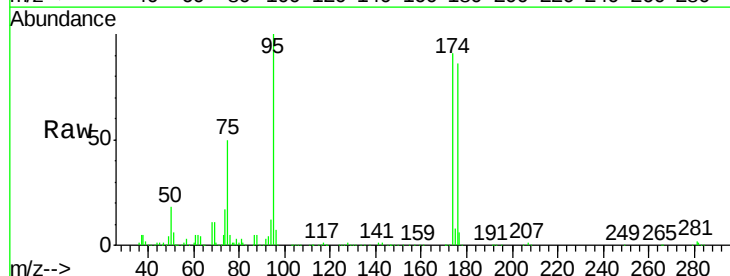
Tgt Ion: 95 Resp: 123239

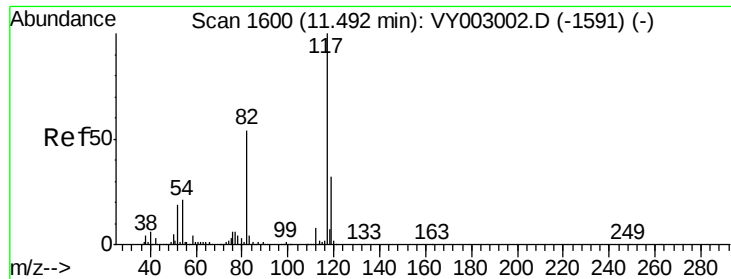
Ion Ratio Lower Upper

95 100

174 95.7 0.0 184.8

176 92.5 0.0 183.0

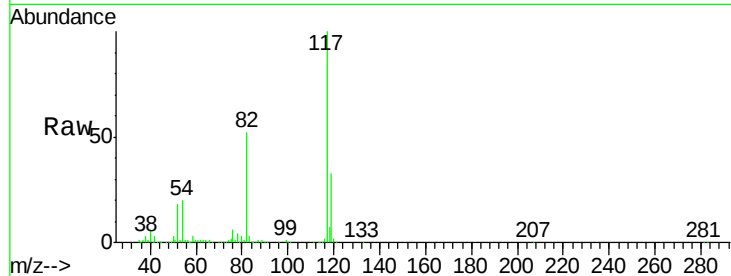




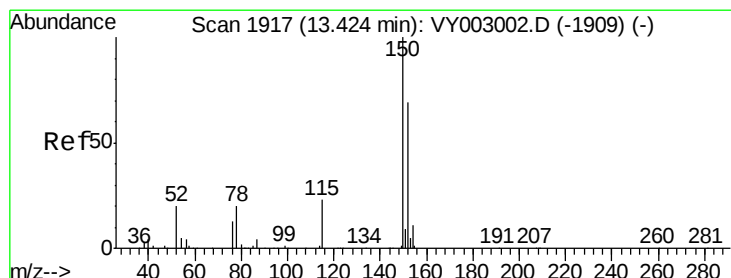
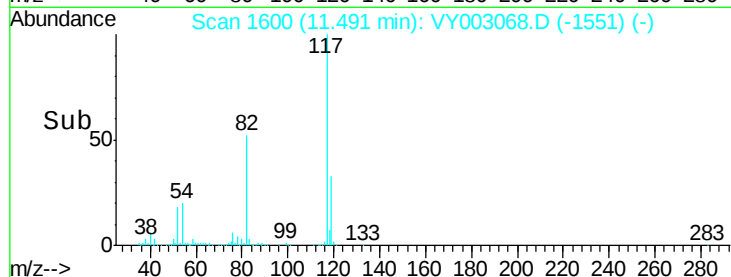
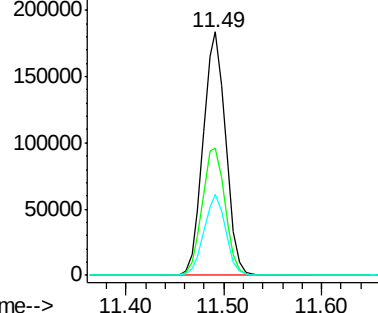
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003068.D
Acq: 01 Jul 2020 18:59

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-063020RE

Tot Ion:117 Resp: 292404
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.6
119 33.0 25.8 38.8

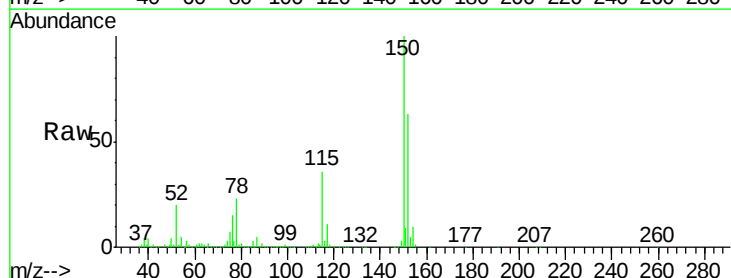


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

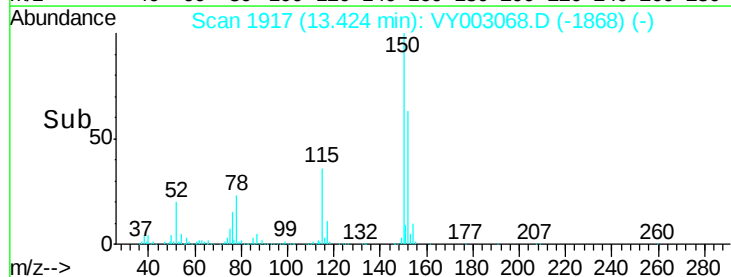
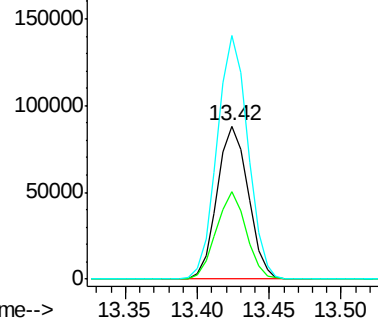


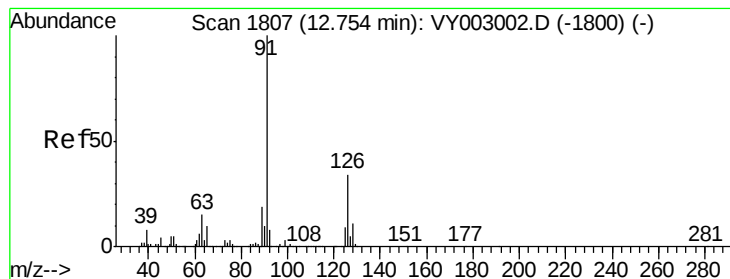
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003068.D
Acq: 01 Jul 2020 18:59

Tgt Ion:152 Resp: 132101
Ion Ratio Lower Upper
152 100
115 55.1 27.3 81.9
150 157.4 0.0 343.4



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





#79

2-Chlorotoluene

Concen: 1.198 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VY003068.D

Acq: 01 Jul 2020 18:59

Instrument :

MSVOA_Y

ClientSampleId :

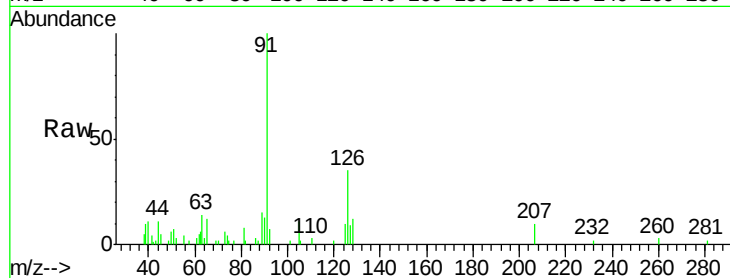
PL-02-063020RE

Tot Ion: 91 Resp: 6951

Ion Ratio Lower Upper

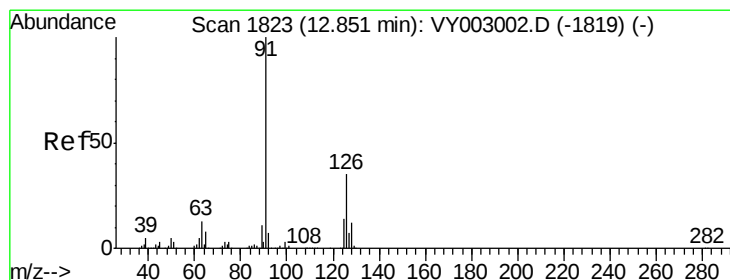
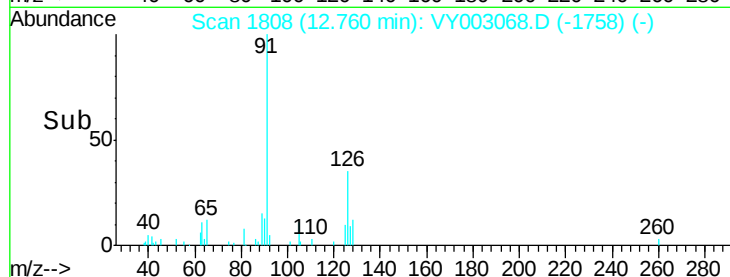
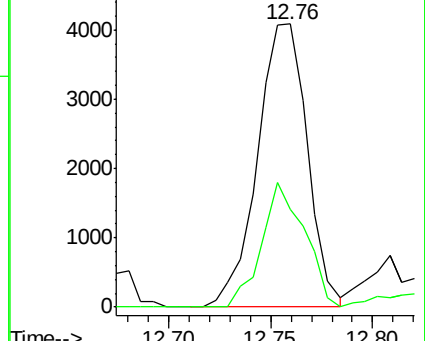
91 100

126 37.9 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#82

4-Chlorotoluene

Concen: 2.190 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003068.D

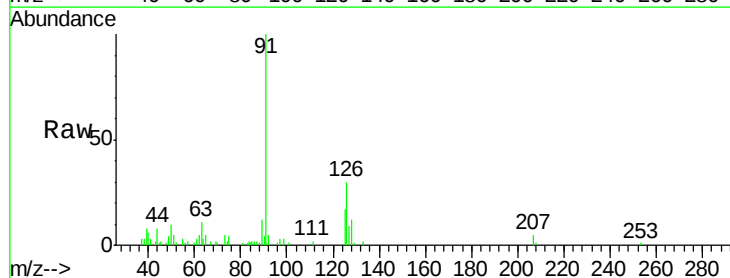
Acq: 01 Jul 2020 18:59

Tgt Ion: 91 Resp: 13232

Ion Ratio Lower Upper

91 100

126 36.5 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

