

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071020\
 Data File : VY003174.D
 Acq On : 10 Jul 2020 19:30
 Operator : SY/MD
 Sample : L3181-01
 Misc : 8.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-070920

Quant Time: Jul 11 06:46:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

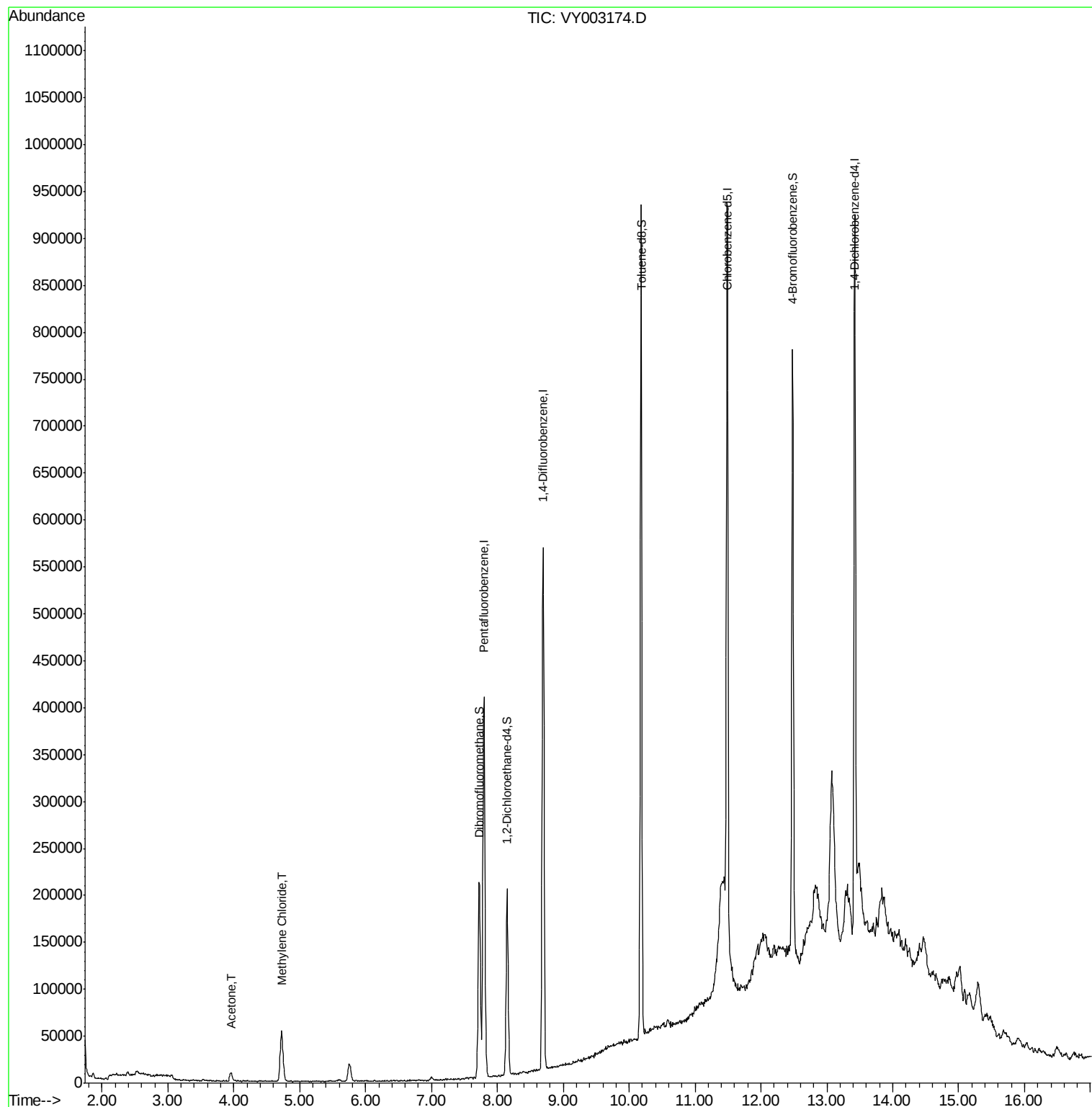
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	333645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	485969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	430900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	200609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	156028	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
35) Dibromofluoromethane	7.72	113	152004	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
50) Toluene-d8	10.18	98	580191	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.48	95	186693	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
Target Compounds						
16) Acetone	3.96	43	16508	26.244	ug/l	90
20) Methylene Chloride	4.72	84	40789	8.305	ug/l	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: VY003174.D

Acq: 10 Jul 2020 19:30

Instrument :

MSVOA_Y

ClientSampleId :

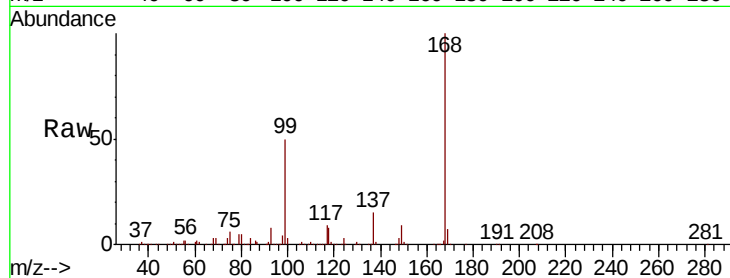
CL-02-070920

Tot Ion:168 Resp: 333645

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

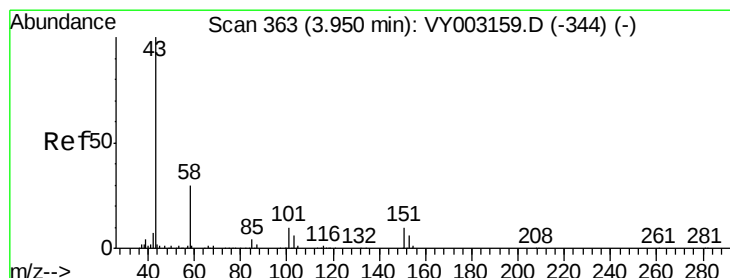
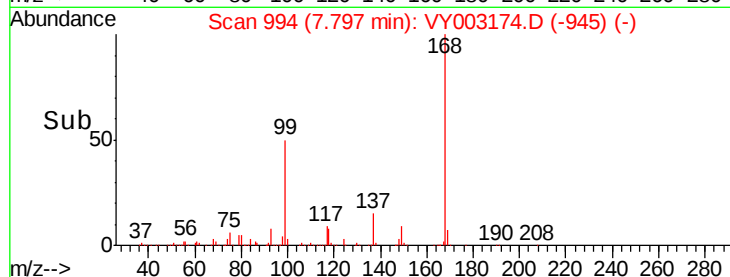
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 26.244 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003174.D

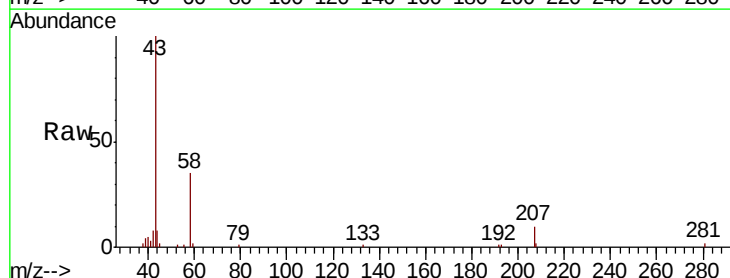
Acq: 10 Jul 2020 19:30

Tgt Ion: 43 Resp: 16508

Ion Ratio Lower Upper

43 100

58 34.9 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VY003159.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VY003159.D (-344) (-)

3.96

6000

5000

4000

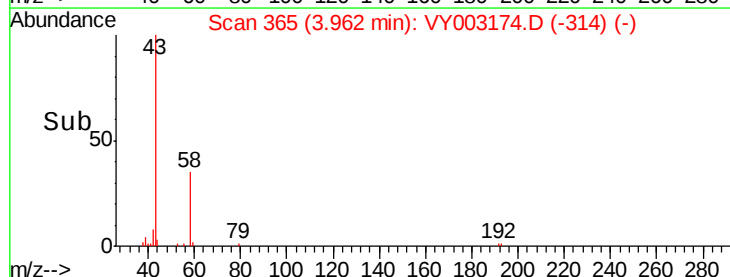
3000

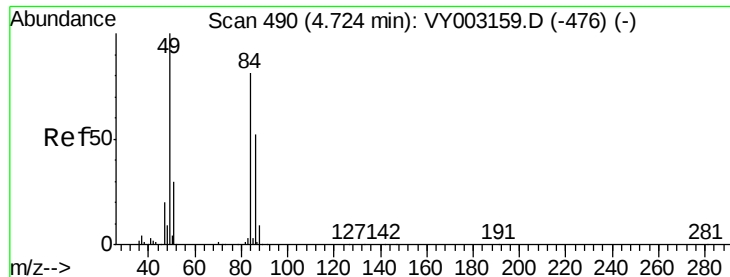
2000

1000

0

Time-->

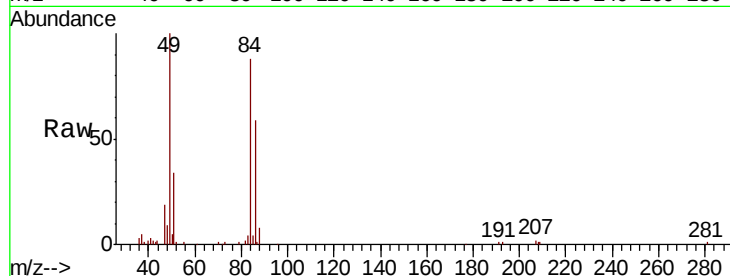




#20
Methvlene Chloride
Concen: 8.305 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-070920

Tot Ion:	84	Resp:	40789
Ion	Ratio	Lower	Upper
84	100		
49	113.6	98.2	147.4
51	38.7	29.8	44.6
86	67.0	51.2	76.8



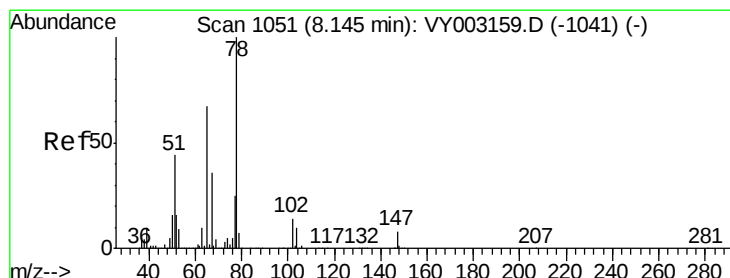
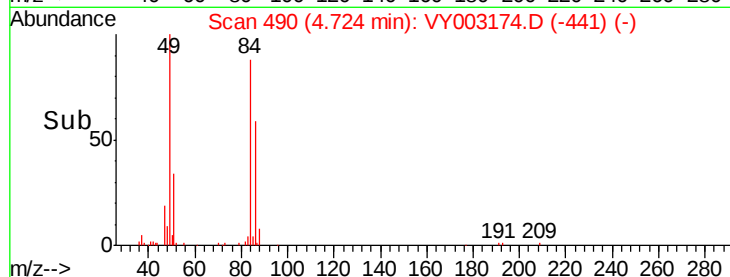
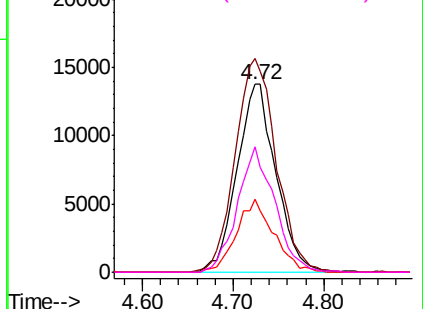
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

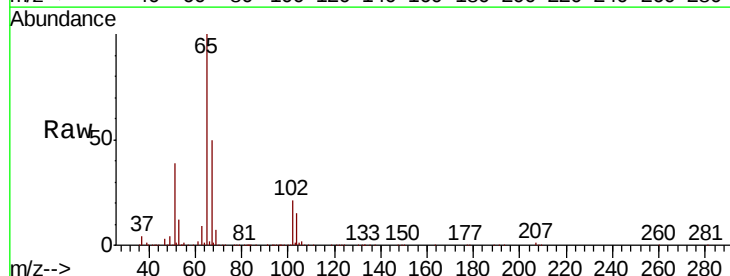
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#33
1,2-Dichloroethane-d4
Concen: 55.406 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

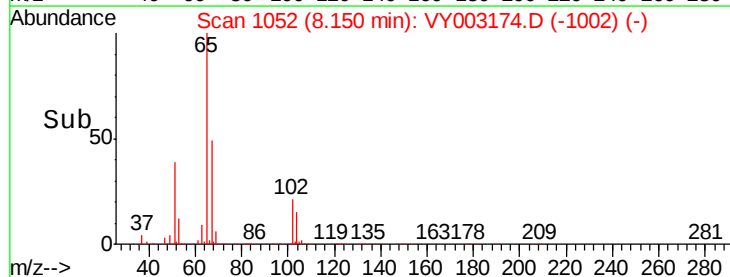
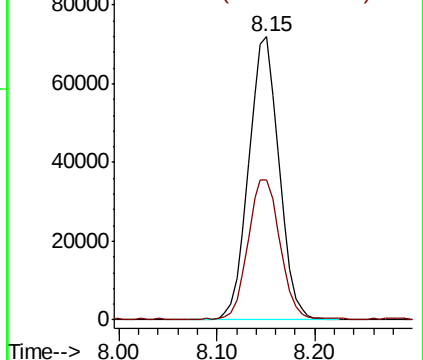
Tgt Ion:	65	Resp:	156028
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.2

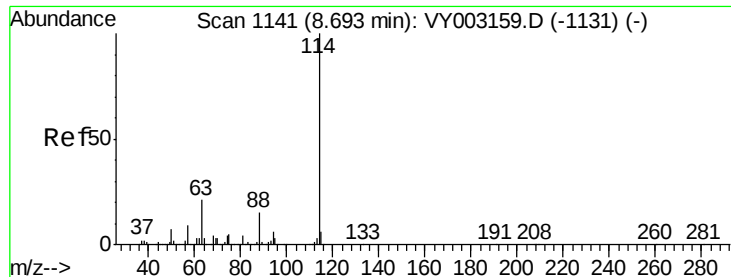


Abundance

Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003174.D

Acq: 10 Jul 2020 19:30

Instrument :

MSVOA_Y

ClientSampleId :

CL-02-070920

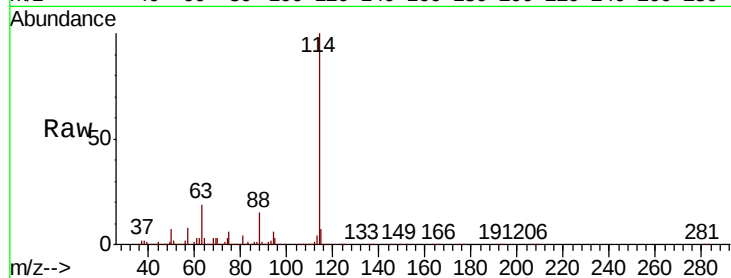
Tot Ion:114 Resp: 485969

Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.2

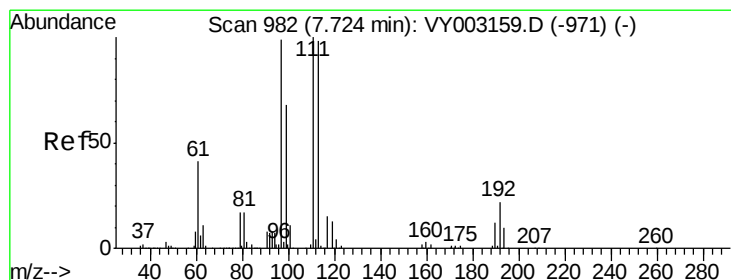
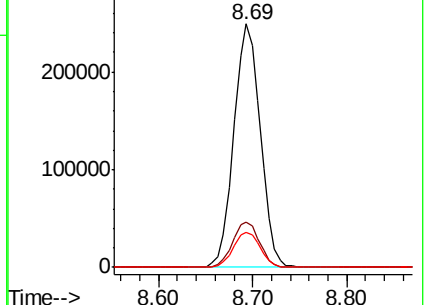
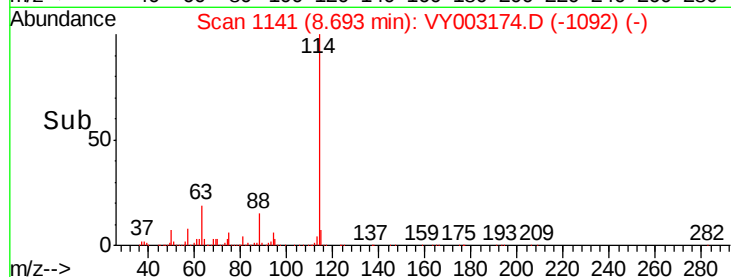
88 14.6 0.0 30.2



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: 54.352 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003174.D

Acq: 10 Jul 2020 19:30

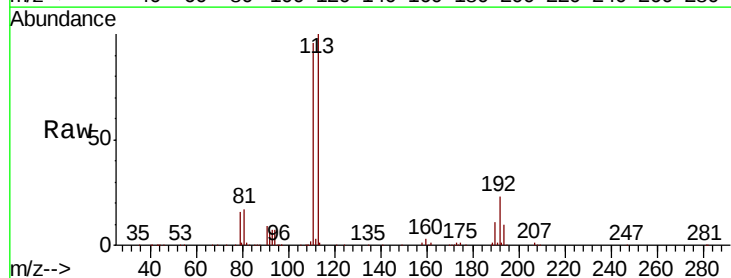
Tgt Ion:113 Resp: 152004

Ion Ratio Lower Upper

113 100

111 101.2 82.1 123.1

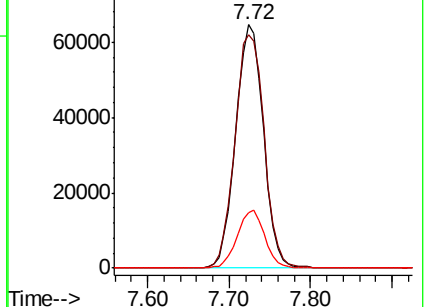
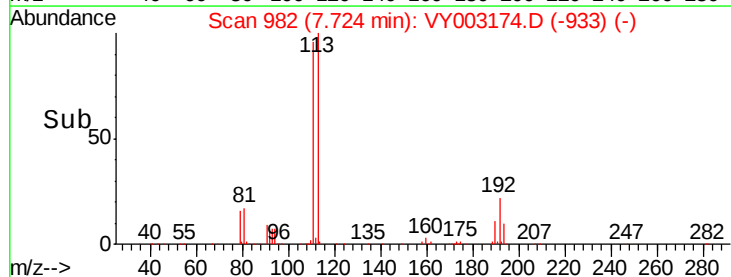
192 23.4 18.8 28.2

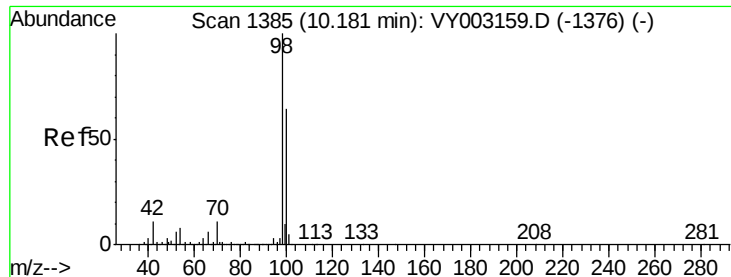


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.801 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003174.D

Acq: 10 Jul 2020 19:30

Instrument :

MSVOA_Y

ClientSampleId :

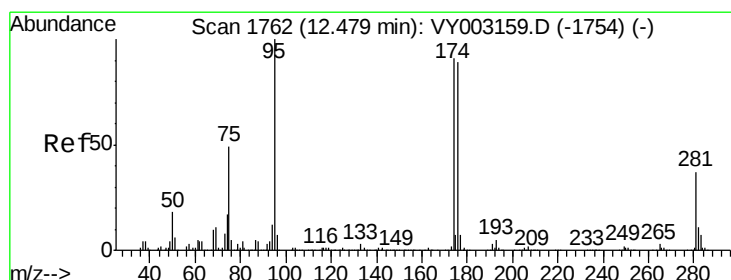
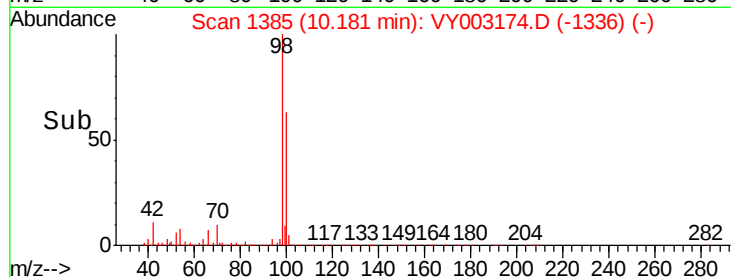
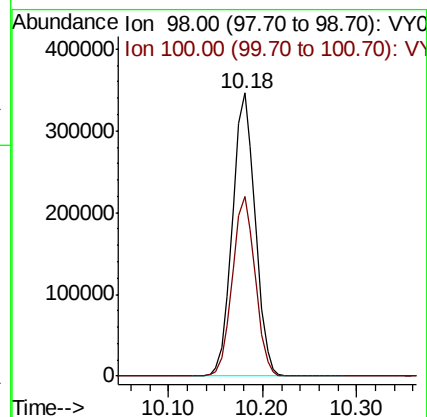
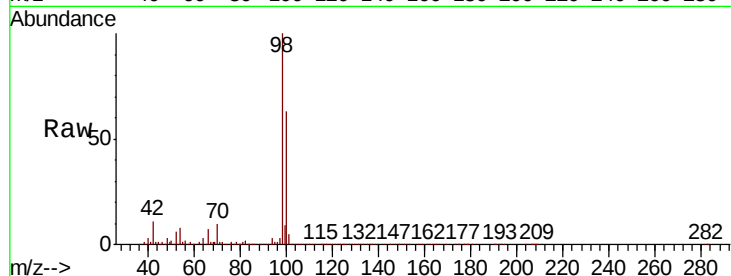
CL-02-070920

Tot Ion: 98 Resp: 580191

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 49.703 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003174.D

Acq: 10 Jul 2020 19:30

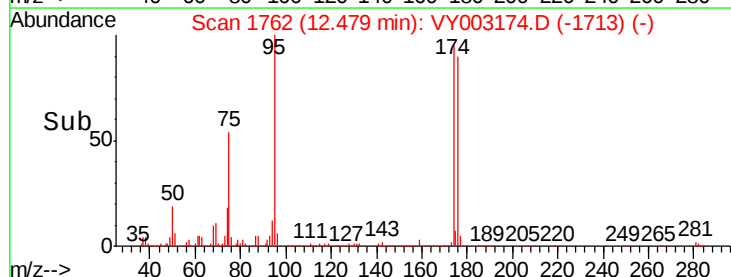
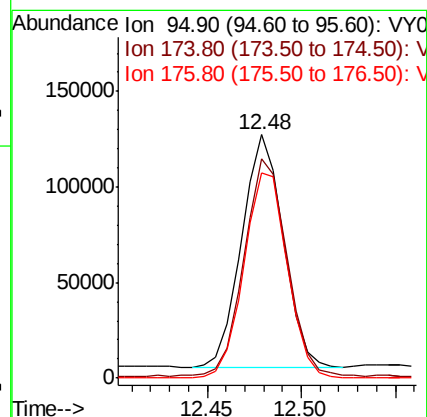
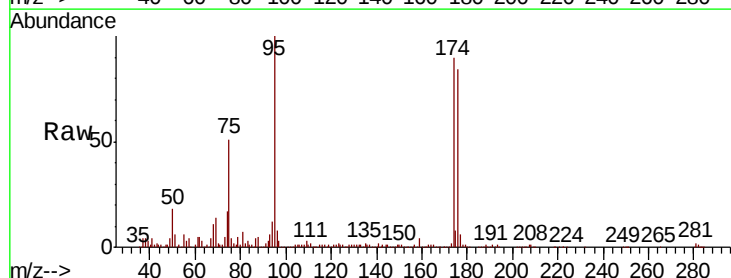
Tgt Ion: 95 Resp: 186693

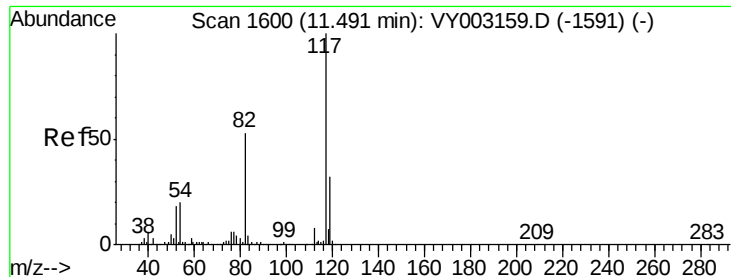
Ion Ratio Lower Upper

95 100

174 96.8 0.0 190.6

176 92.1 0.0 186.4

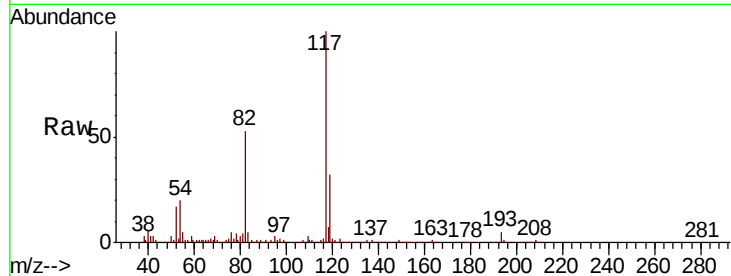




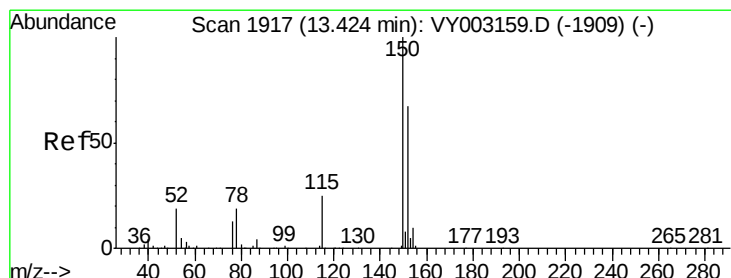
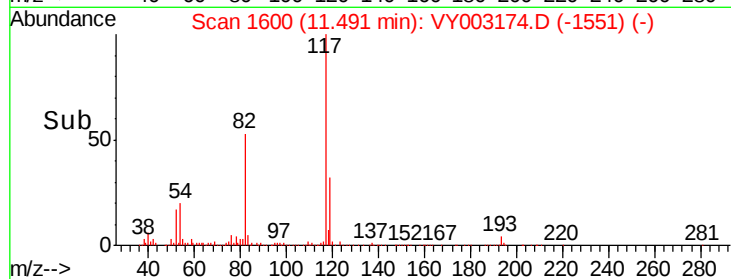
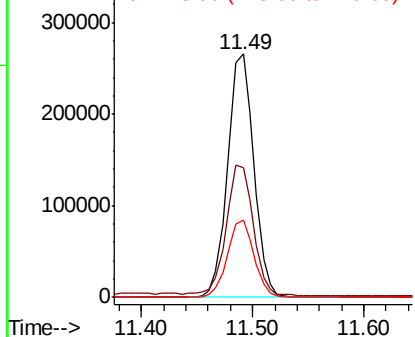
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

Instrument :
MSVOA_Y
ClientSampleId :
CL-02-070920

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.0	63.0
119	31.5	25.5	38.3

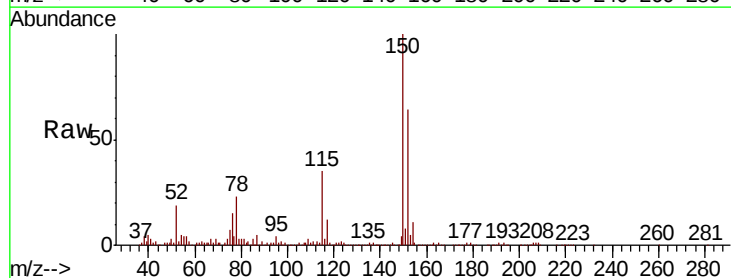


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003174.D
Acq: 10 Jul 2020 19:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	26.9	80.7
150	156.6	0.0	338.0



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

