

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002438.D
 Acq On : 21 Apr 2020 17:10
 Operator : SY/MD
 Sample : L2327-14RE
 Misc : 6.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-D2RE

Quant Time: Apr 22 03:29:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	232130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	377779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	316420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	147437	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101923	60.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.74%	
35) Dibromofluoromethane	7.73	113	110087	55.40	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.80%	
50) Toluene-d8	10.19	98	376092	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.49	95	124173	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

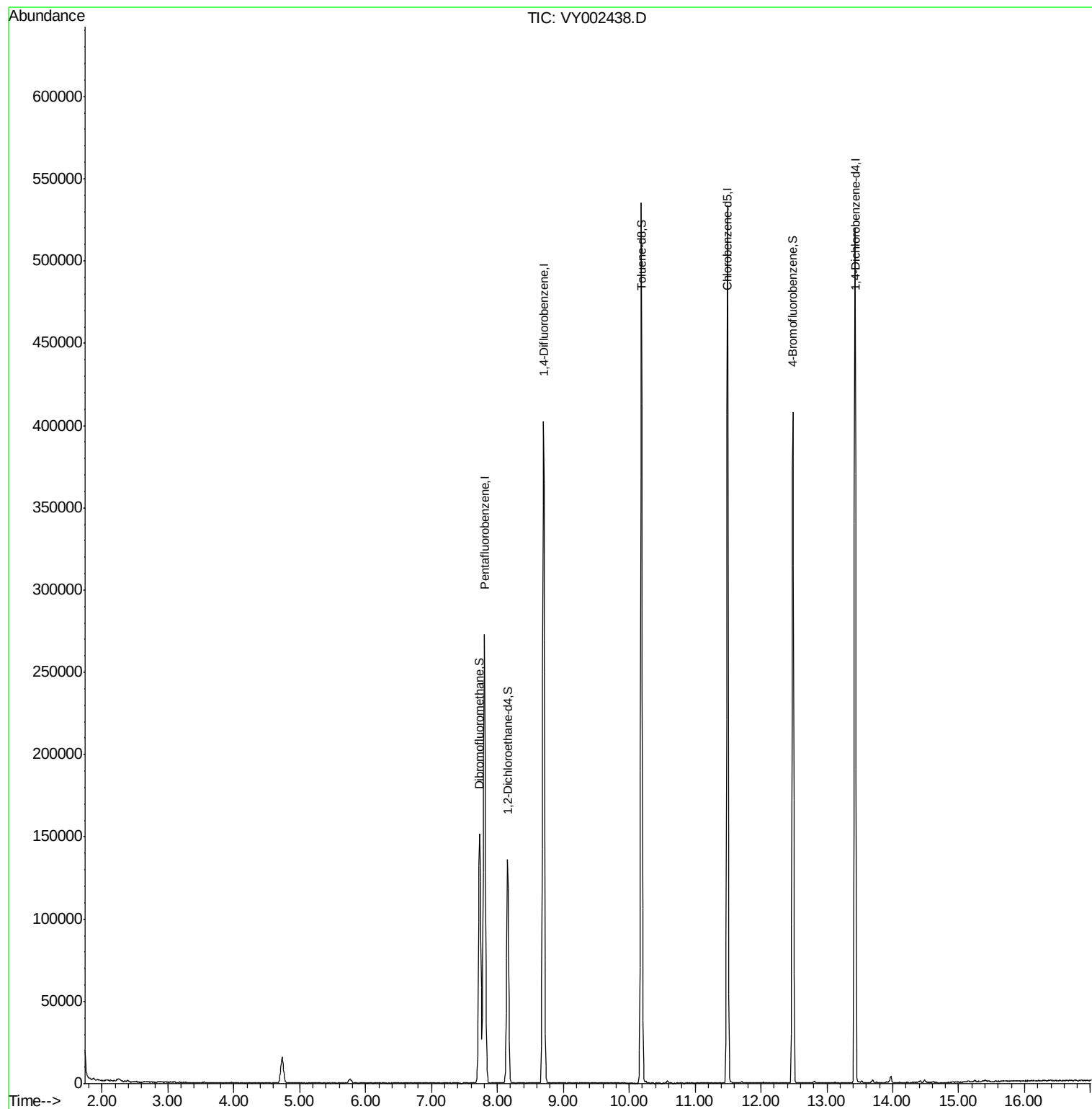
Target Compounds	Qvalue
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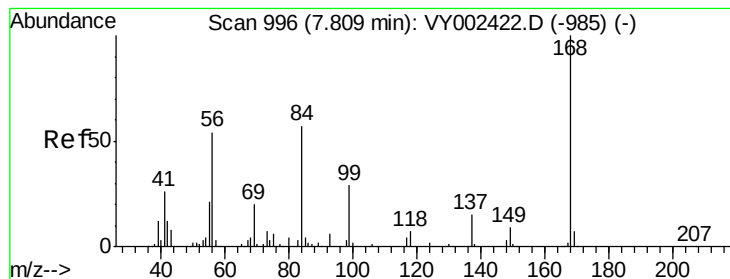
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

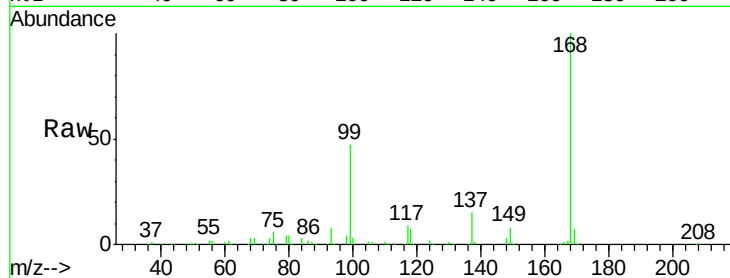
TP-4-D2RE

Tot Ion:168 Resp: 232130

Ion Ratio Lower Upper

168 100

99 47.2 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.80

100000

80000

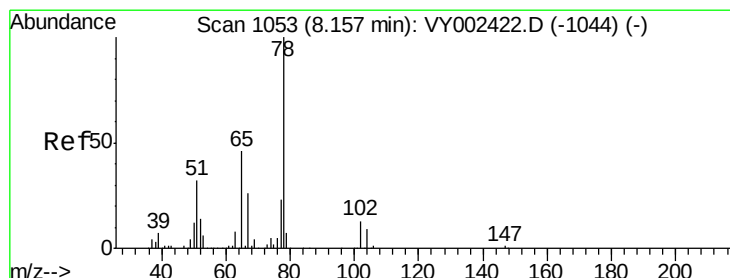
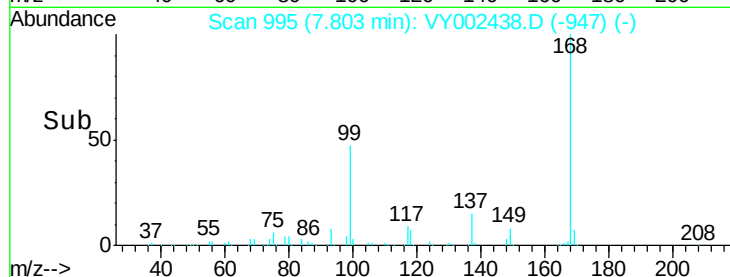
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.370 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002438.D

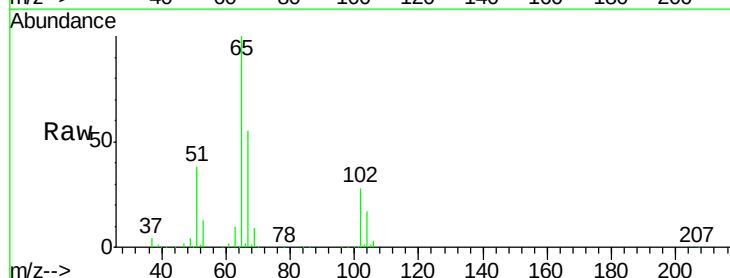
Acq: 21 Apr 2020 17:10

Tgt Ion: 65 Resp: 101923

Ion Ratio Lower Upper

65 100

67 55.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002422.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002422.D (-1044) (-)

8.16

50000

40000

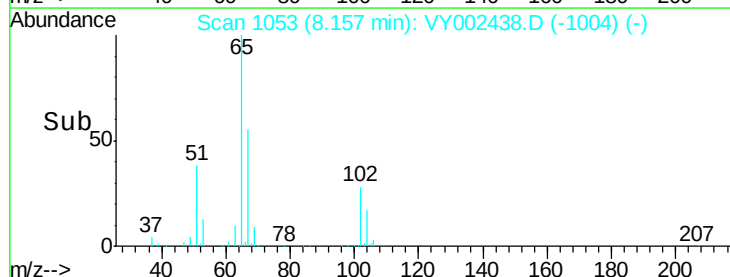
30000

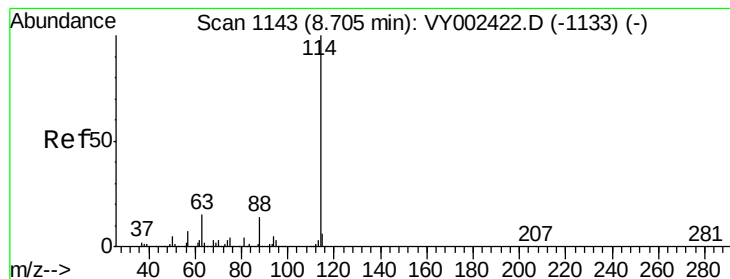
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-D2RE

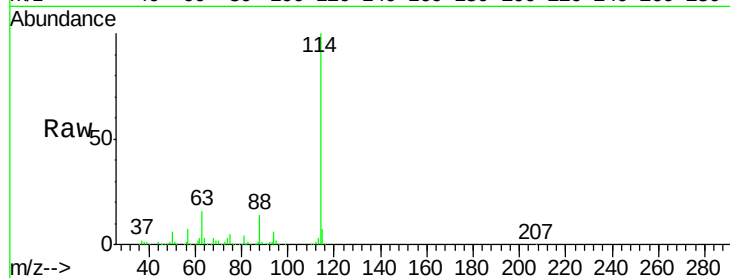
Tot Ion:114 Resp: 377779

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.0

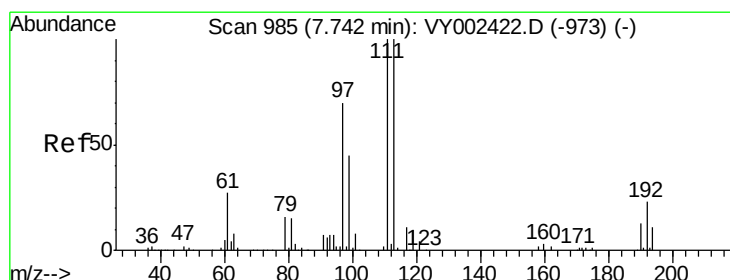
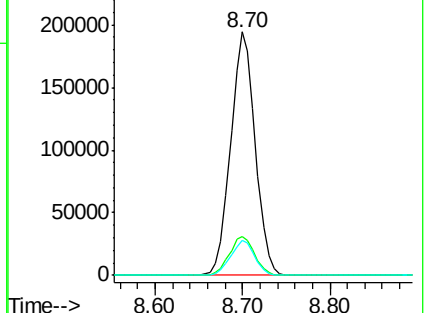
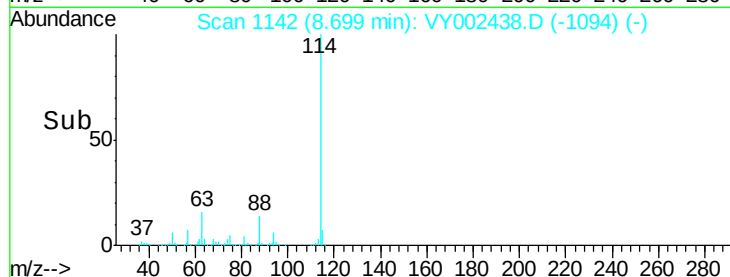
88 14.2 0.0 28.2



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: 55.402 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

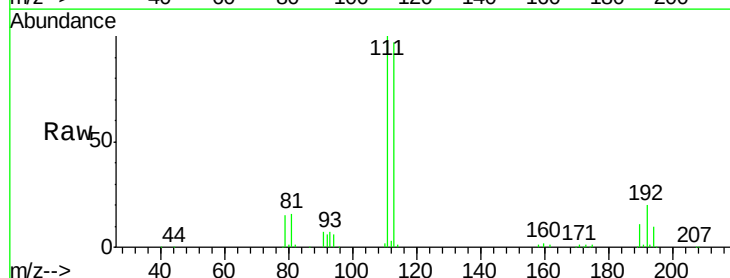
Tgt Ion:113 Resp: 110087

Ion Ratio Lower Upper

113 100

111 101.8 81.7 122.5

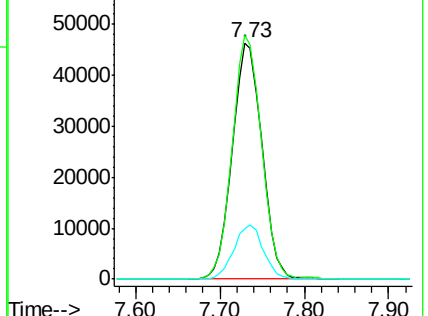
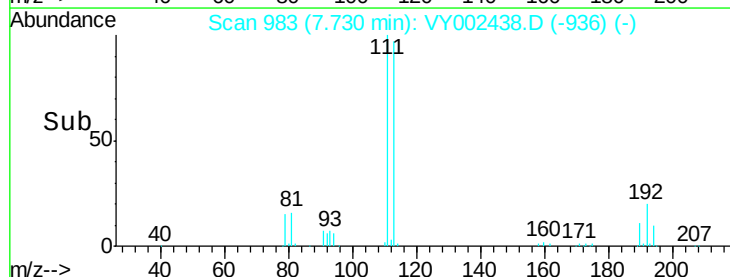
192 22.6 17.8 26.6

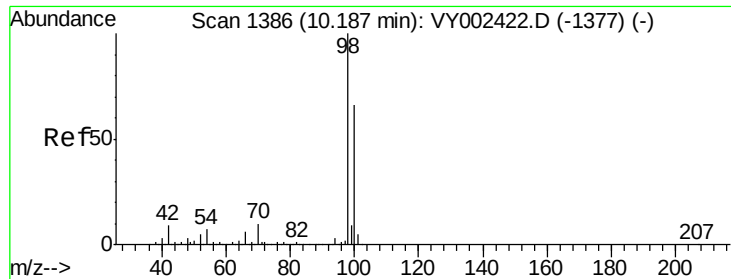


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.796 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

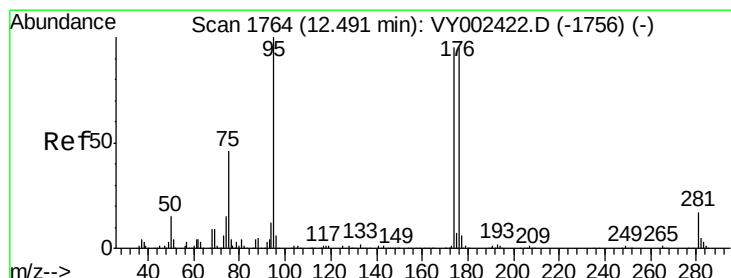
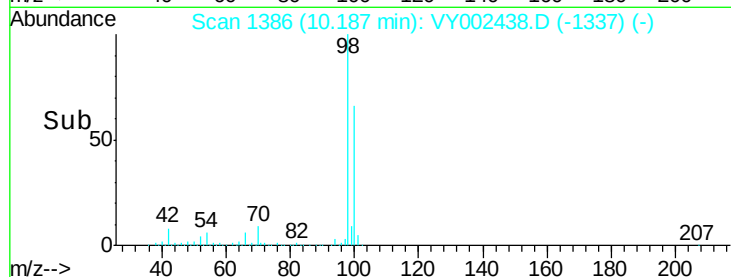
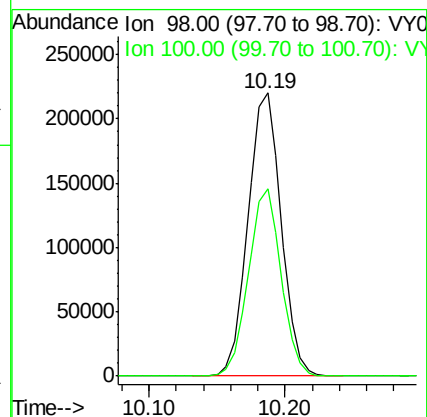
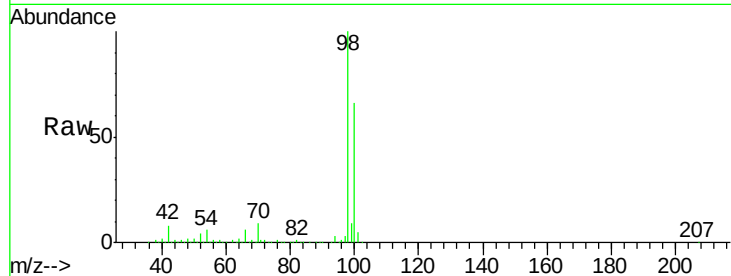
TP-4-D2RE

Tot Ion: 98 Resp: 376092

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.797 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

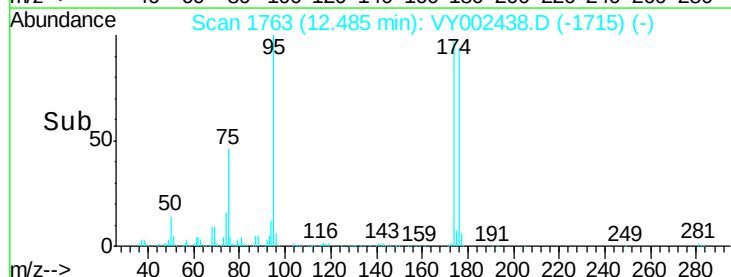
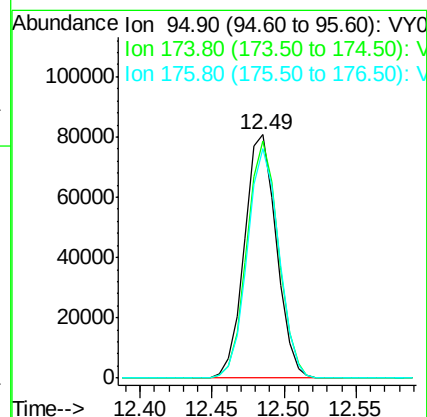
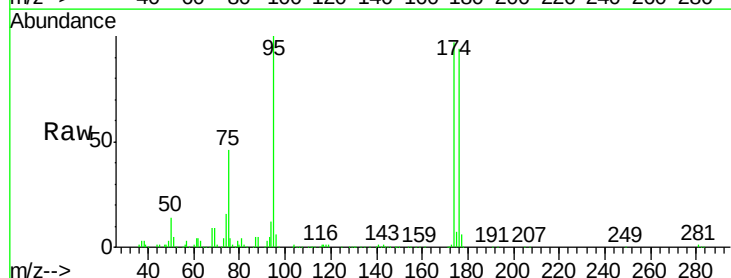
Tgt Ion: 95 Resp: 124173

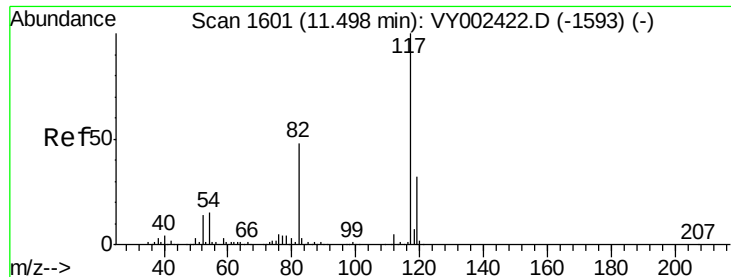
Ion Ratio Lower Upper

95 100

174 96.1 0.0 185.8

176 92.9 0.0 181.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

Instrument :

MSVOA_Y

ClientSampleId :

TP-4-D2RE

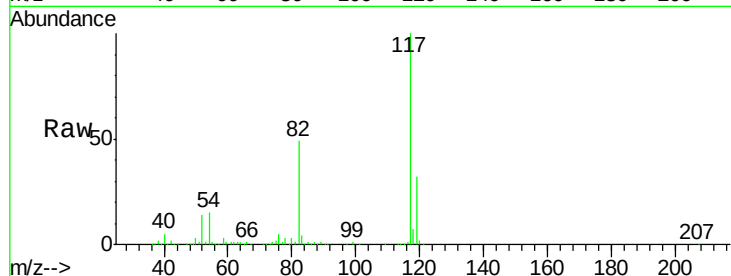
Tot Ion:117 Resp: 316420

Ion Ratio Lower Upper

117 100

82 48.8 38.4 57.6

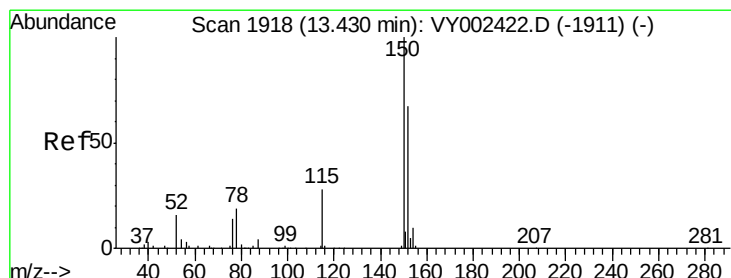
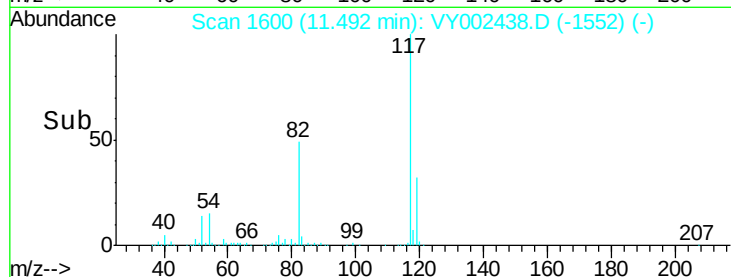
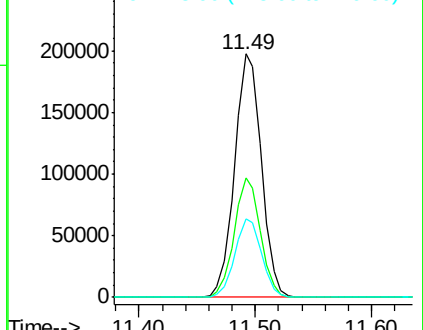
119 32.2 25.3 37.9



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: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002438.D

Acq: 21 Apr 2020 17:10

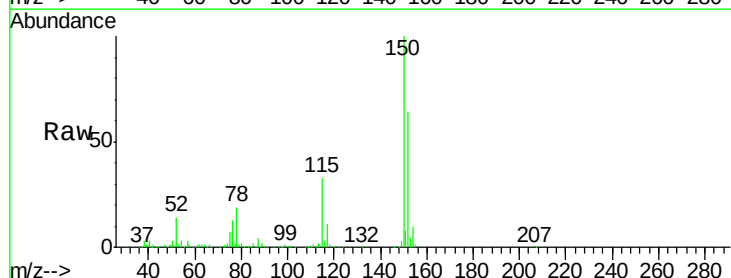
Tgt Ion:152 Resp: 147437

Ion Ratio Lower Upper

152 100

115 53.5 27.3 81.8

150 157.5 0.0 344.0



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

