

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
 Data File : VY002338.D
 Acq On : 15 Apr 2020 15:42
 Operator : SY/MD
 Sample : L2245-24
 Misc : 6.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21A

Quant Time: Apr 16 07:12:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	149472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	301378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	91384	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	88357	53.16	ug/l	0.00
Spiked Amount			Recovery	=	106.32%	
35) Dibromofluoromethane	7.74	113	89471	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
50) Toluene-d8	10.19	98	365446	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.49	95	105867	42.75	ug/l	0.00
Spiked Amount			Recovery	=	85.50%	

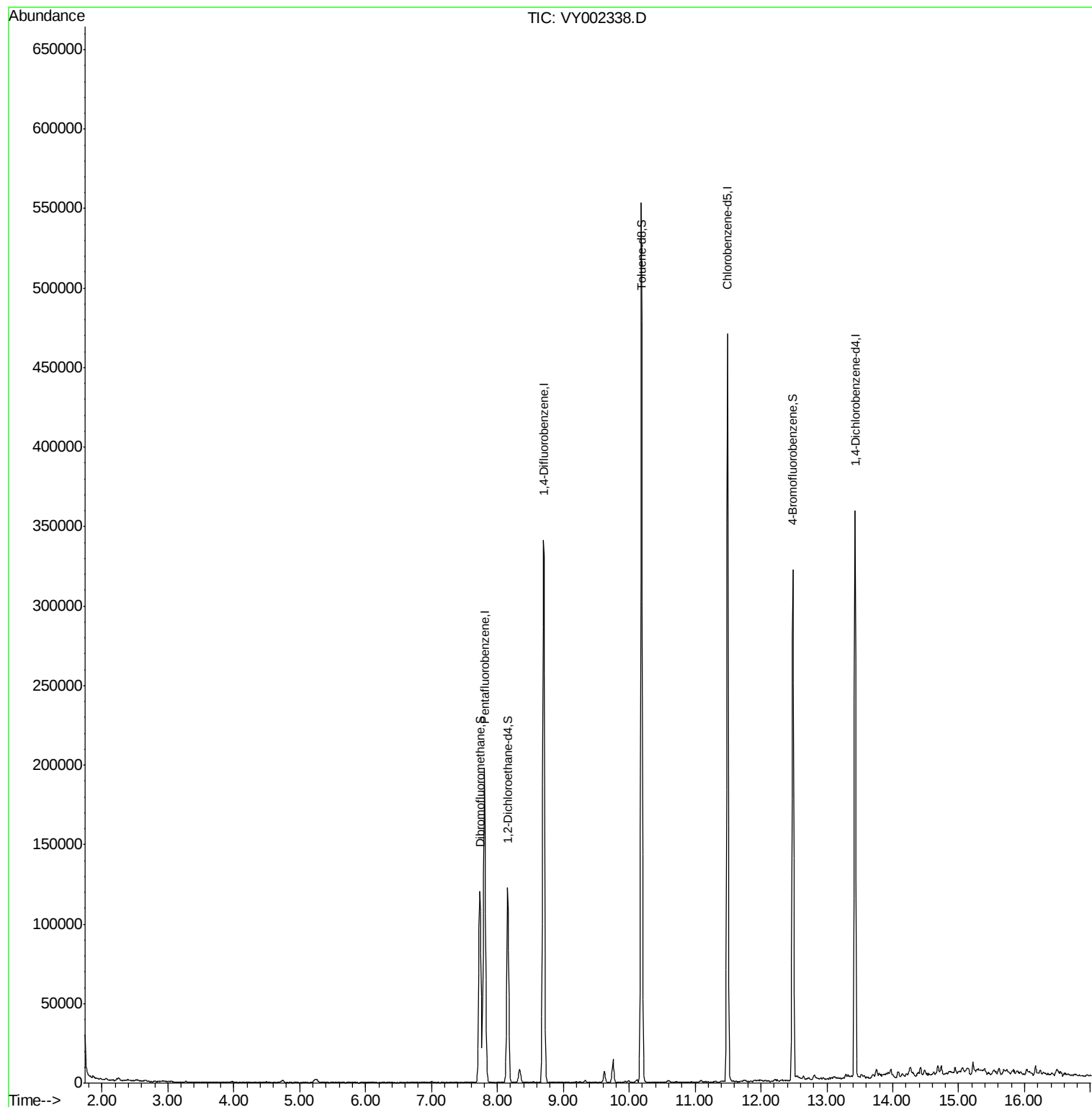
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002338.D

Acq: 15 Apr 2020 15:42

Instrument :

MSVOA_Y

ClientSampled :

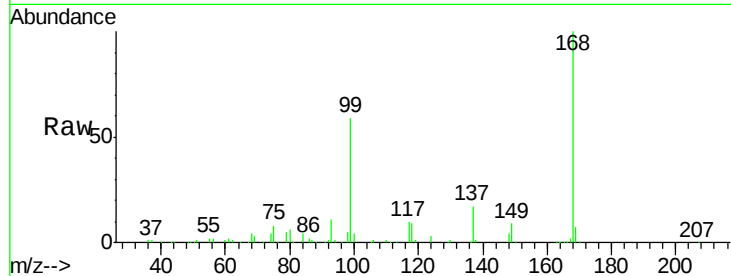
TP-21A

Tot Ion:168 Resp: 149472

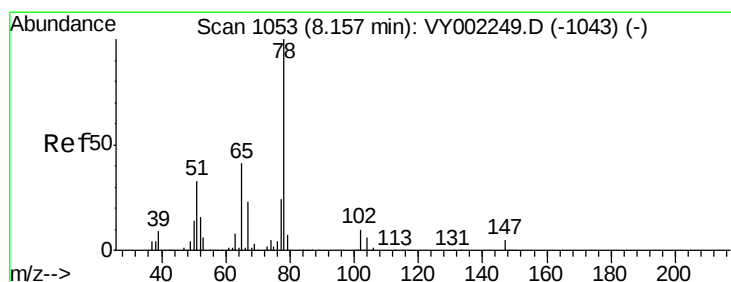
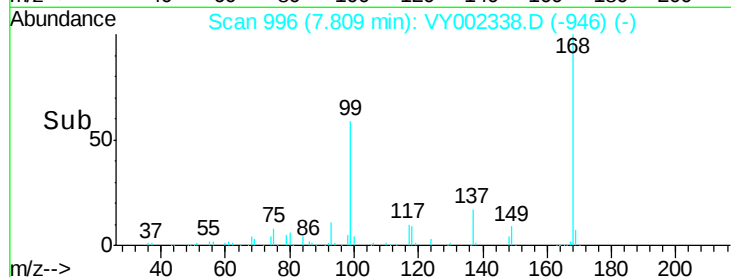
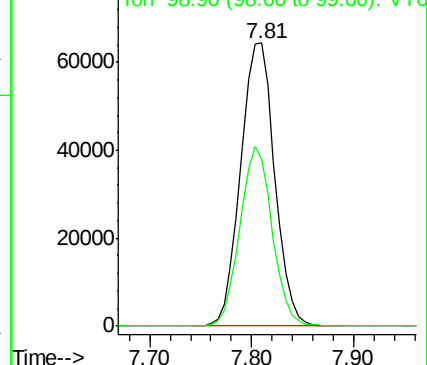
Ion Ratio Lower Upper

168 100

99 58.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.155 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY002338.D

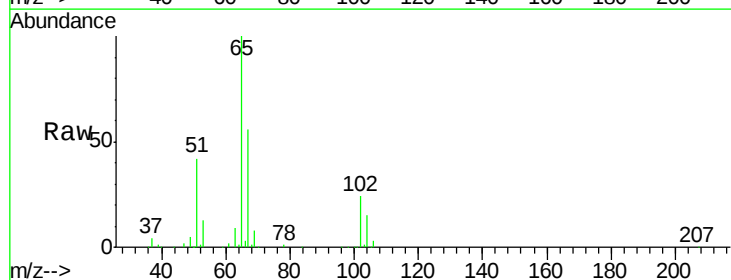
Acq: 15 Apr 2020 15:42

Tgt Ion: 65 Resp: 88357

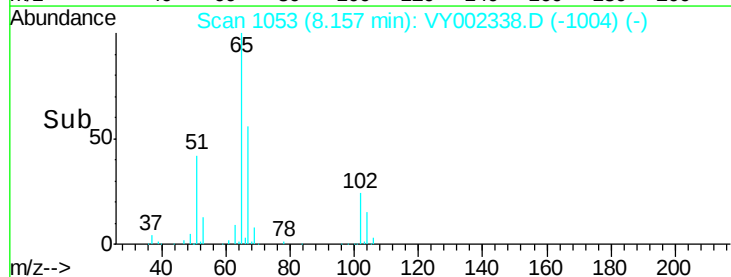
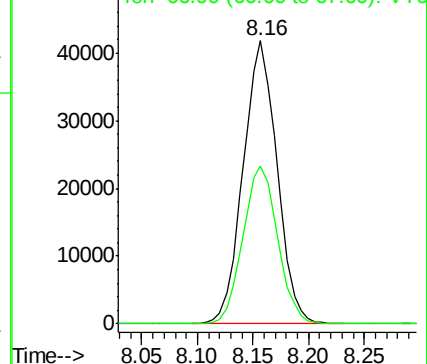
Ion Ratio Lower Upper

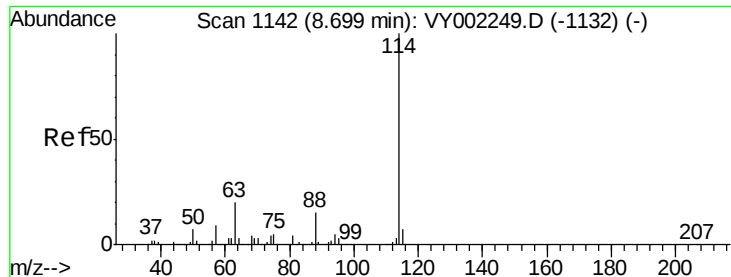
65 100

67 57.1 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

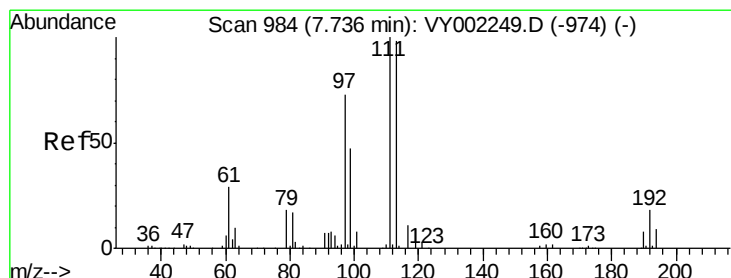
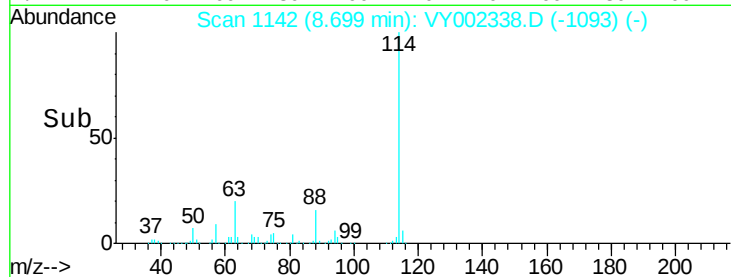
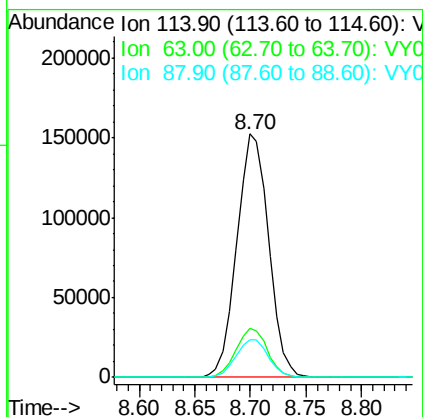
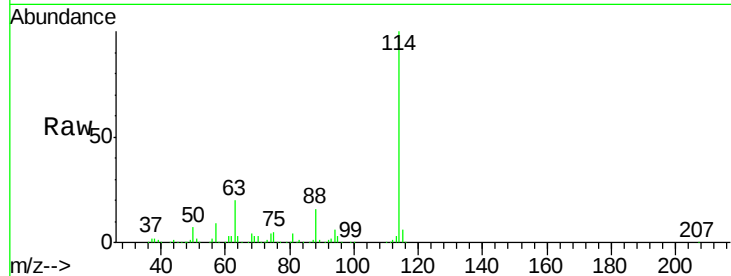




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002338.D
 Acq: 15 Apr 2020 15:42

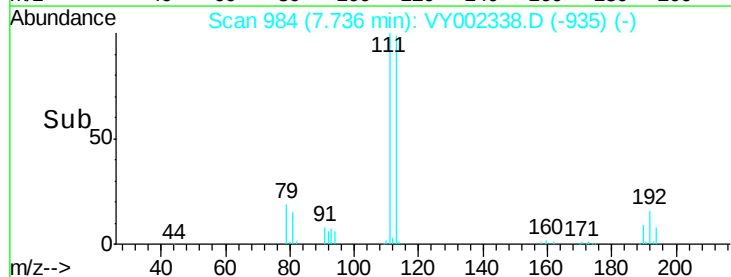
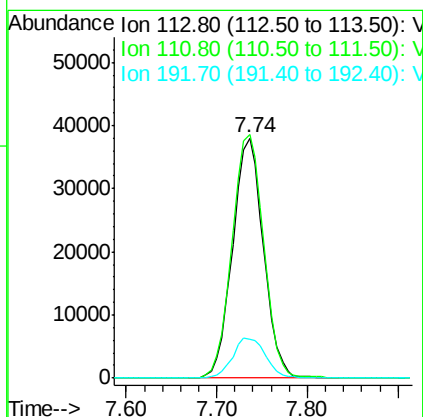
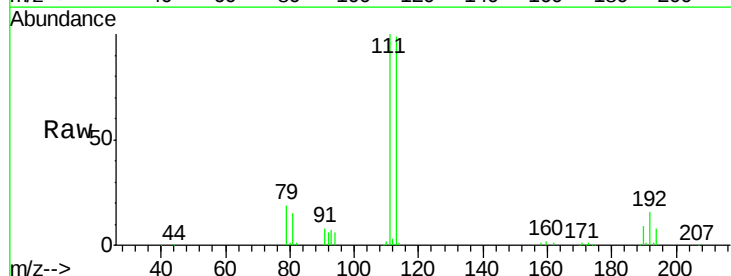
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-21A

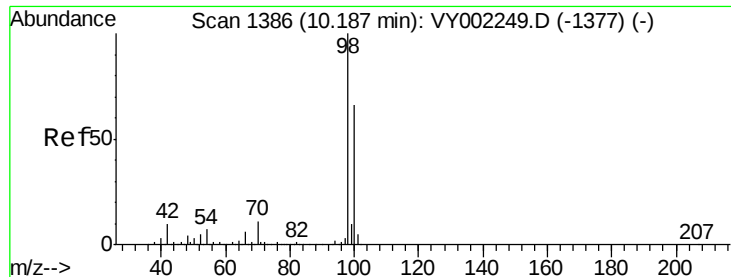
Tot Ion:114	Resp:	301378
Ion Ratio	Lower	Upper
114 100		
63 20.2	0.0	39.0
88 15.7	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 49.892 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002338.D
 Acq: 15 Apr 2020 15:42

Tgt Ion:113	Resp:	89471
Ion Ratio	Lower	Upper
113 100		
111 104.3	83.5	125.3
192 17.8	14.7	22.1





#50

Toluene-d8

Concen: 48.687 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002338.D

Acq: 15 Apr 2020 15:42

Instrument :

MSVOA_Y

ClientSampleId :

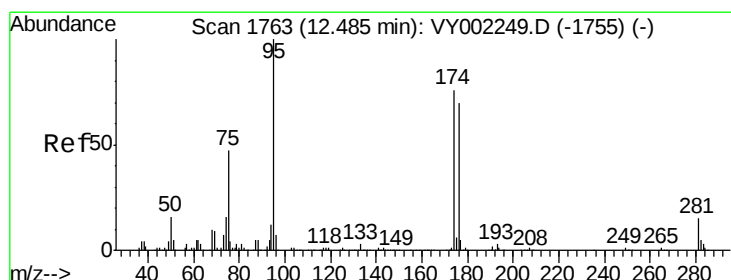
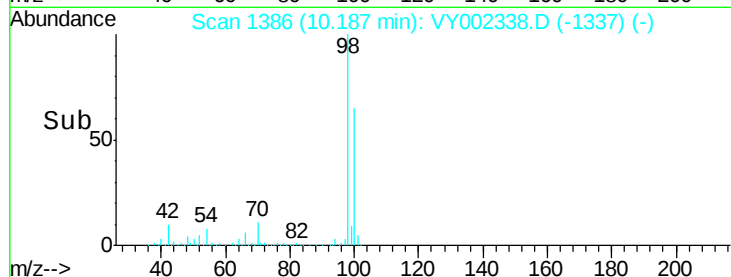
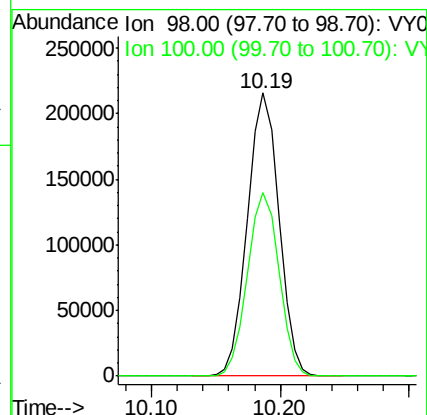
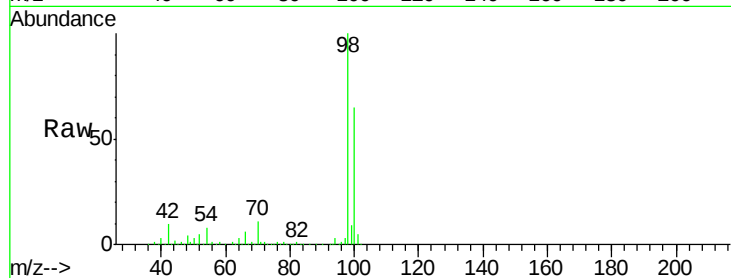
TP-21A

Tot Ion: 98 Resp: 365446

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 42.751 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002338.D

Acq: 15 Apr 2020 15:42

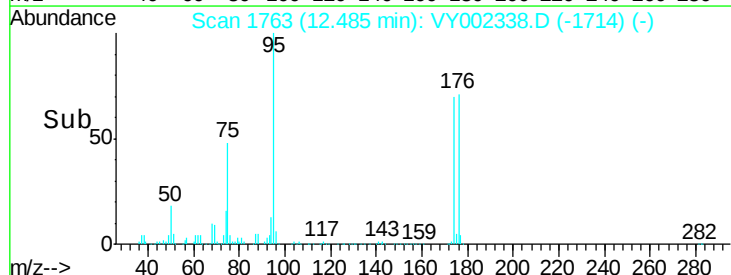
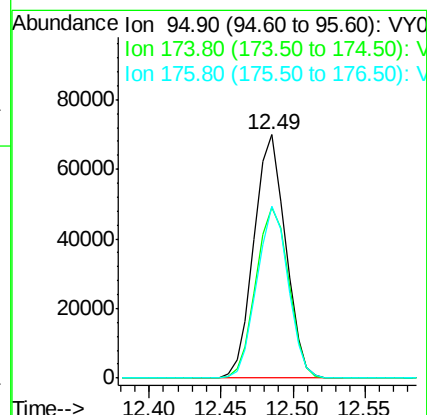
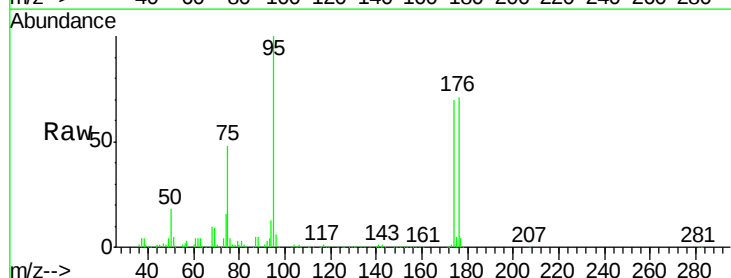
Tgt Ion: 95 Resp: 105867

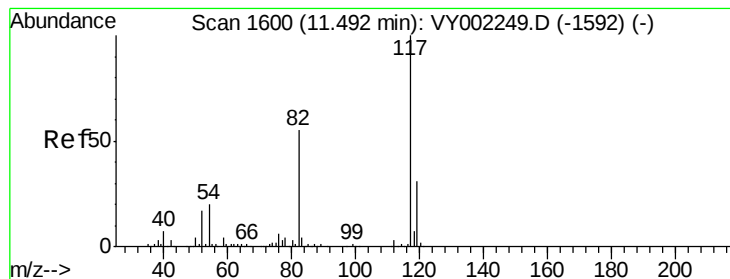
Ion Ratio Lower Upper

95 100

174 72.8 0.0 150.6

176 70.0 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002338.D

Acq: 15 Apr 2020 15:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-21A

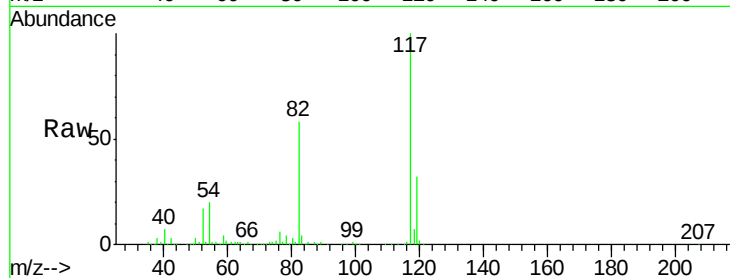
Tot Ion:117 Resp: 262468

Ion Ratio Lower Upper

117 100

82 57.7 44.2 66.4

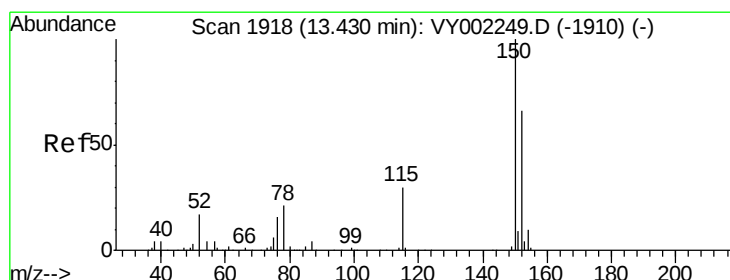
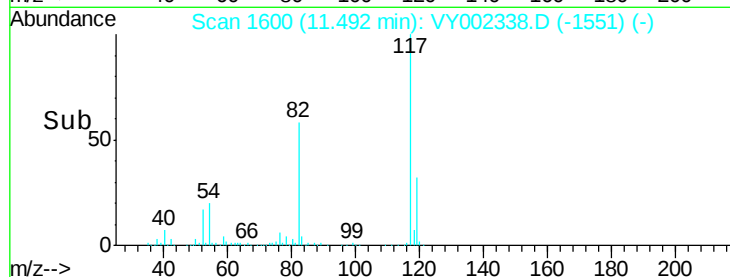
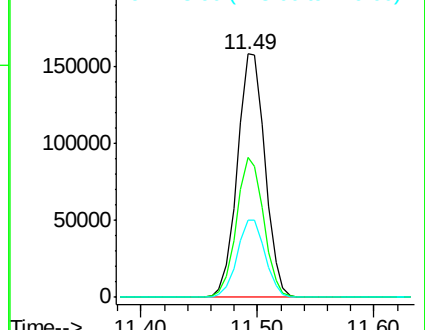
119 31.7 25.1 37.7



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: VY002338.D

Acq: 15 Apr 2020 15:42

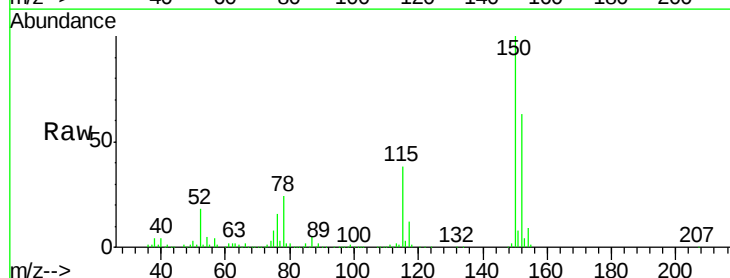
Tgt Ion:152 Resp: 91384

Ion Ratio Lower Upper

152 100

115 61.0 30.7 92.1

150 160.1 0.0 350.6



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

