

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002321.D
 Acq On : 14 Apr 2020 19:54
 Operator : SY/MD
 Sample : L2226-02RE
 Misc : 6.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-066RE

Quant Time: Apr 15 06:50:10 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	7.82	168	54720	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	92527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	69992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	24647	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	21296	35.00	ug/l	0.00
Spiked Amount			Recovery	=	70.00%	
35) Dibromofluoromethane	7.74	113	24893	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	
50) Toluene-d8	10.19	98	107945	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
62) 4-Bromofluorobenzene	12.49	95	27747	36.50	ug/l	0.00
Spiked Amount			Recovery	=	73.00%	

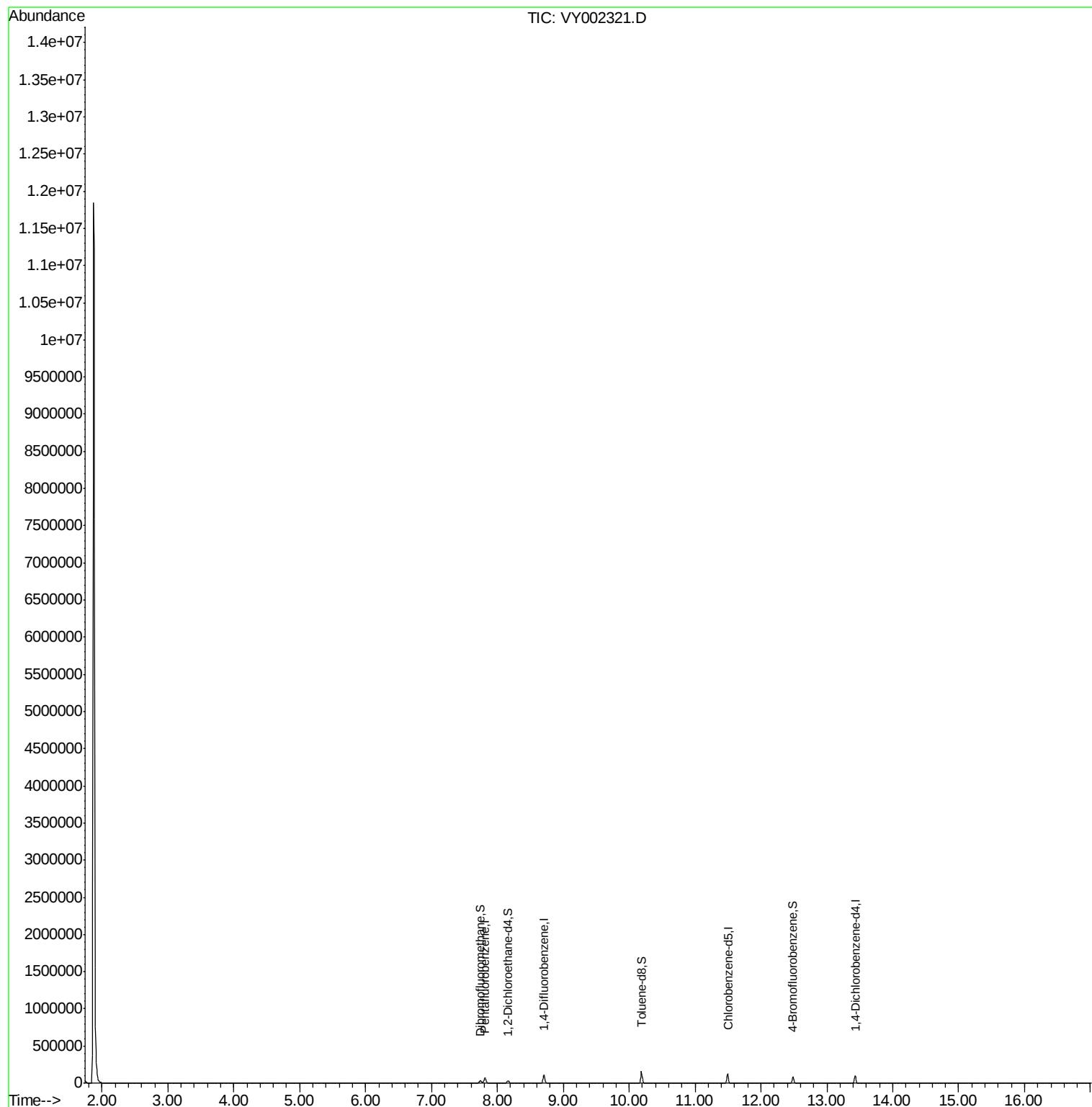
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

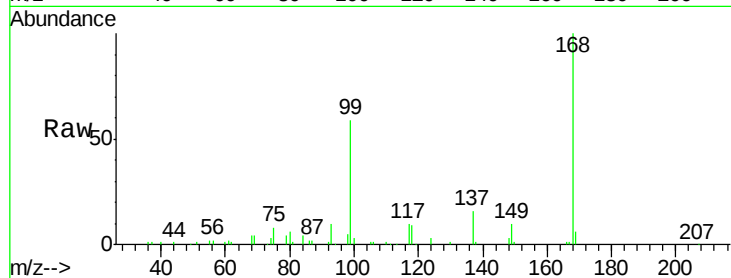
FK-PS-01-066RE

Tot Ion:168 Resp: 54720

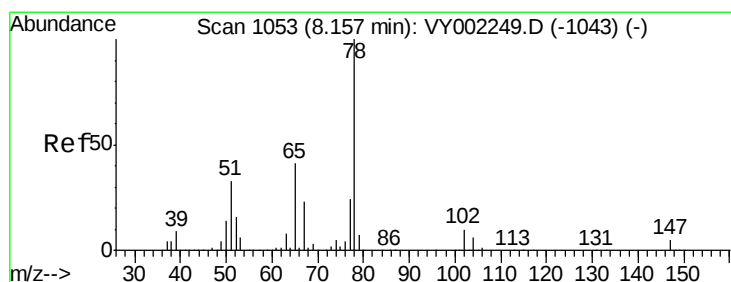
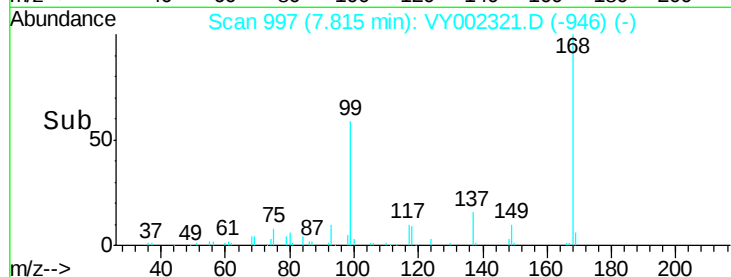
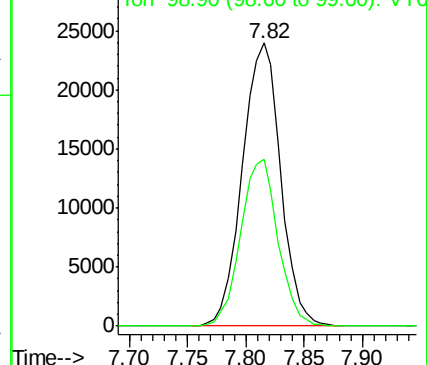
Ion Ratio Lower Upper

168 100

99 59.0 48.0 72.0



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



#33

1,2-Dichloroethane-d4

Concen: 34.996 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002321.D

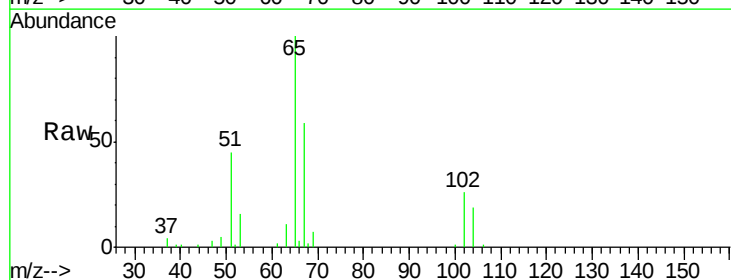
Acq: 14 Apr 2020 19:54

Tgt Ion: 65 Resp: 21296

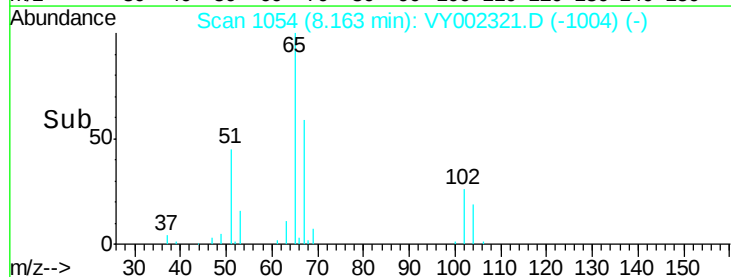
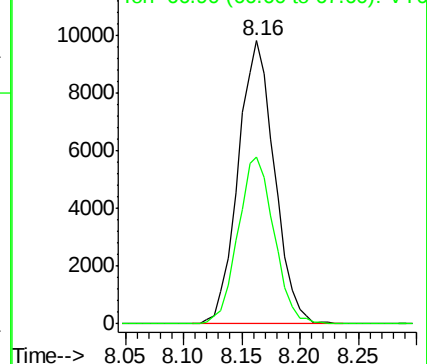
Ion Ratio Lower Upper

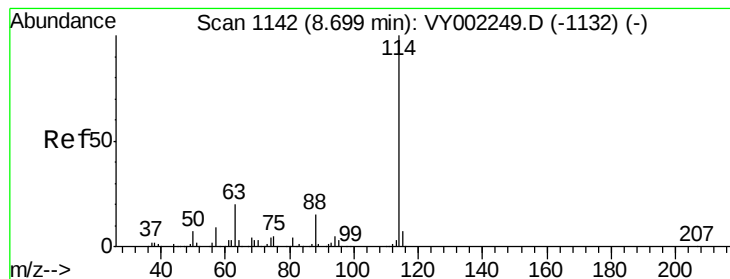
65 100

67 58.5 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: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

FK-PS-01-066RE

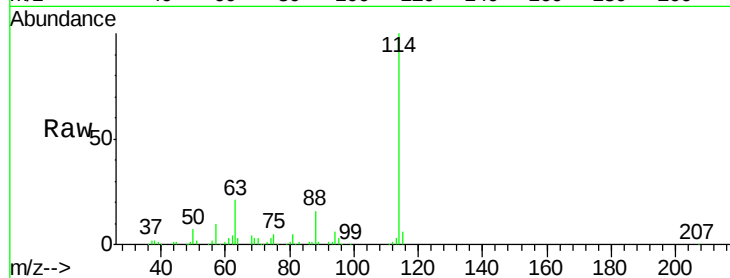
Tot Ion:114 Resp: 92527

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

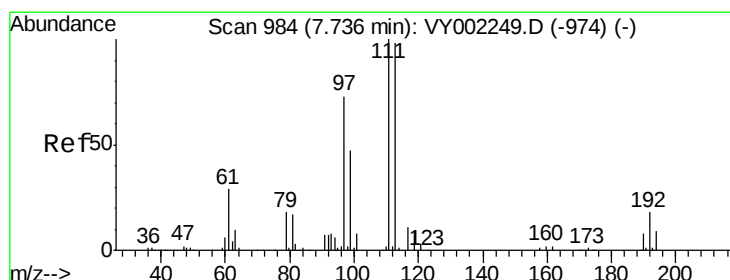
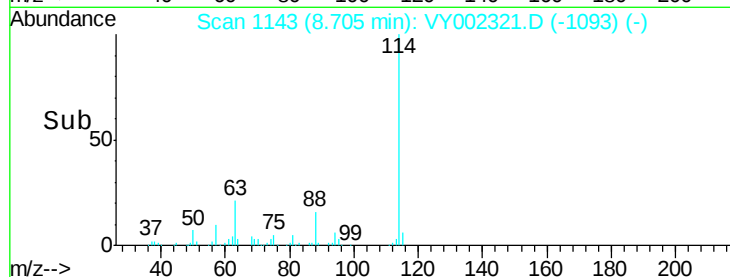
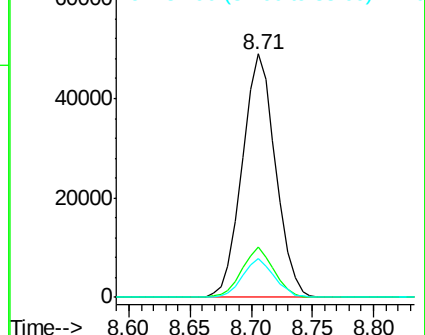
88 15.7 0.0 31.0



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: 45.213 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

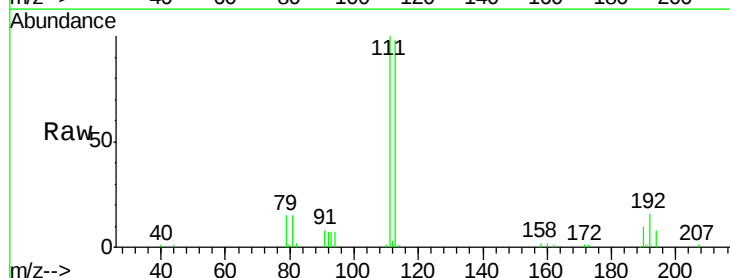
Tgt Ion:113 Resp: 24893

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

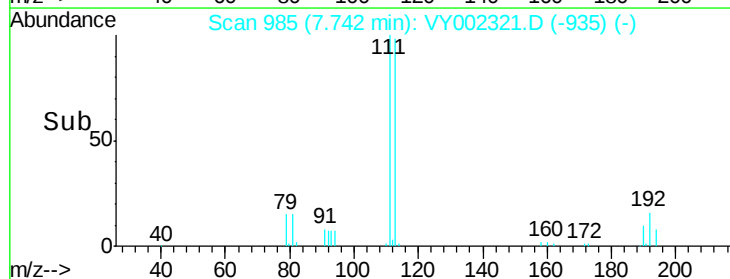
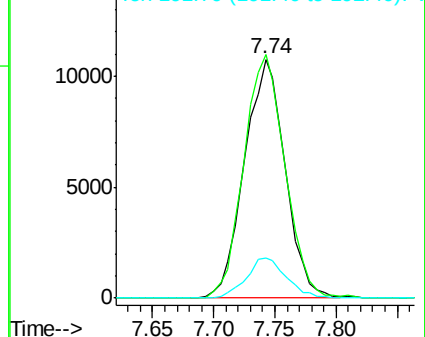
192 16.5 14.7 22.1

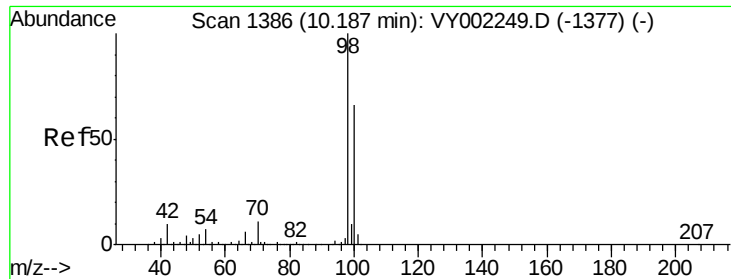


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.842 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

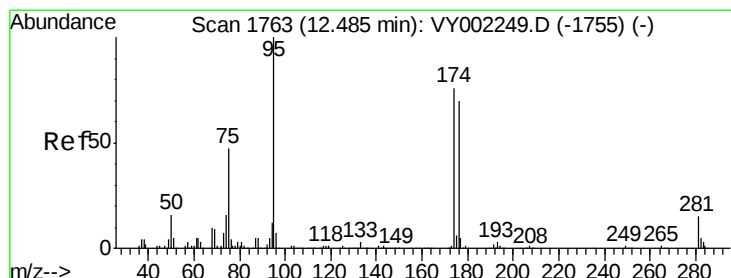
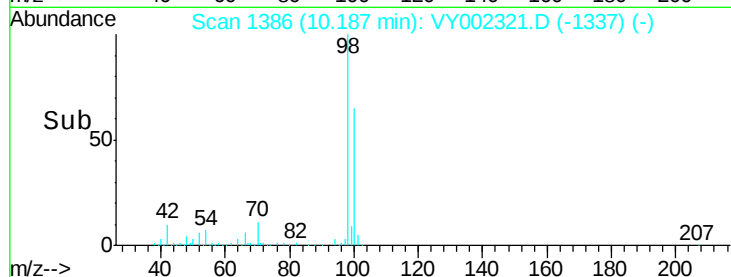
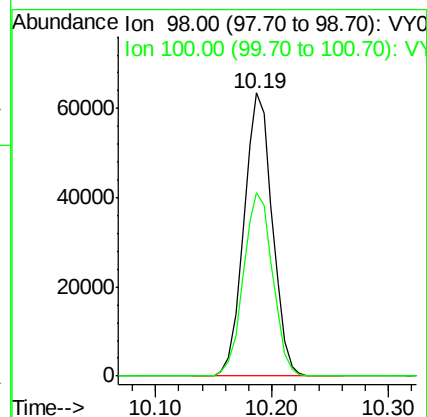
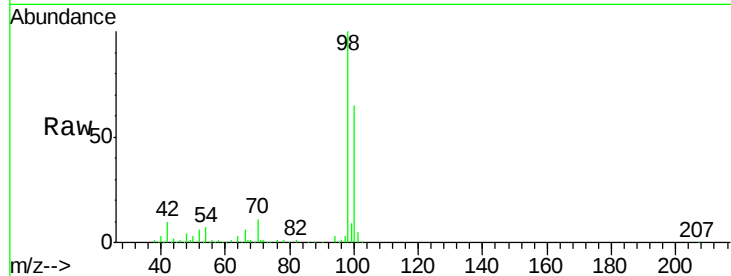
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Tot Ion: 98 Resp: 107945

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 36.496 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

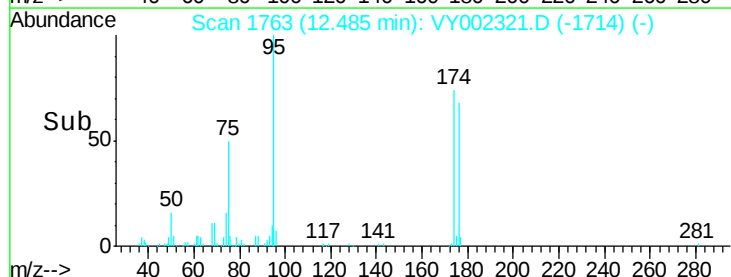
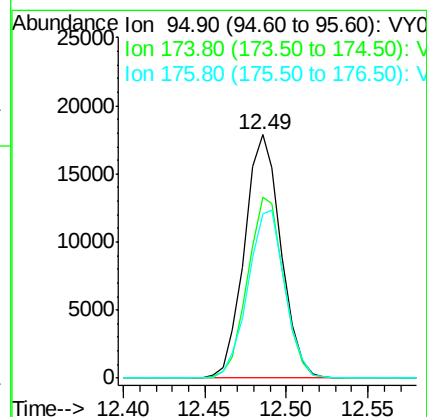
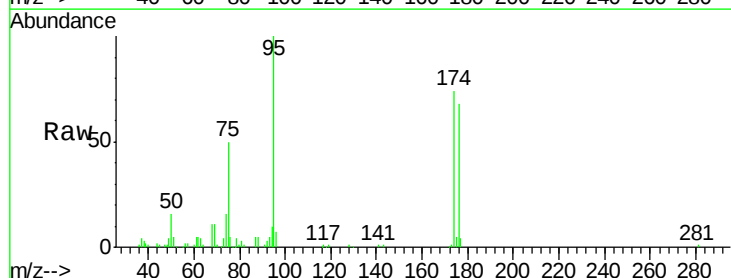
Tgt Ion: 95 Resp: 27747

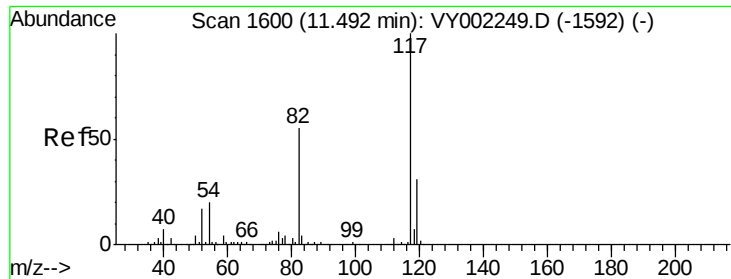
Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.6

176 70.4 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

FK-PS-01-066RE

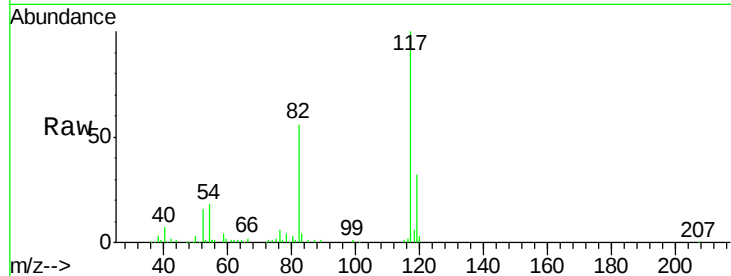
Tot Ion:117 Resp: 69992

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.4

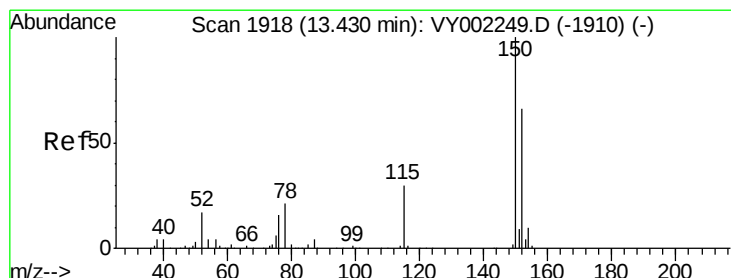
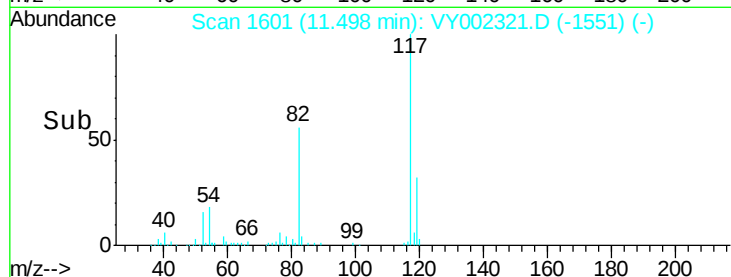
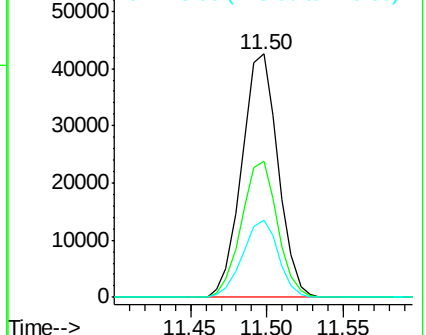
119 31.6 25.1 37.7



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: VY002321.D

Acq: 14 Apr 2020 19:54

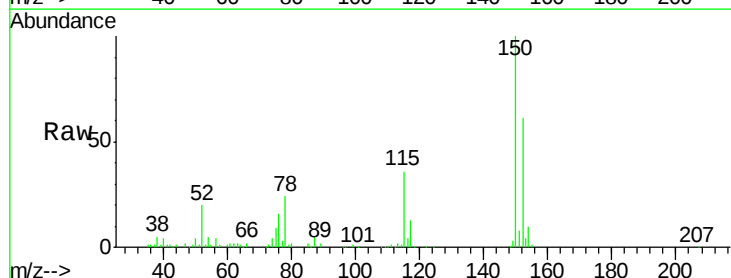
Tgt Ion:152 Resp: 24647

Ion Ratio Lower Upper

152 100

115 58.8 30.7 92.1

150 158.0 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

