

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002413.D
 Acq On : 17 Apr 2020 20:25
 Operator : SY/MD
 Sample : L2283-05
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PA-4

Quant Time: Apr 18 07:55:03 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	134057	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	269229	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	246330	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	114377	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	68540	45.97	ug/l	0.01
Spiked Amount			Recovery	=	91.94%	
35) Dibromofluoromethane	7.75	113	79431	49.58	ug/l	0.01
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	10.20	98	314587	46.92	ug/l	0.01
Spiked Amount			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	12.50	95	103453	46.77	ug/l	0.01
Spiked Amount			Recovery	=	93.54%	

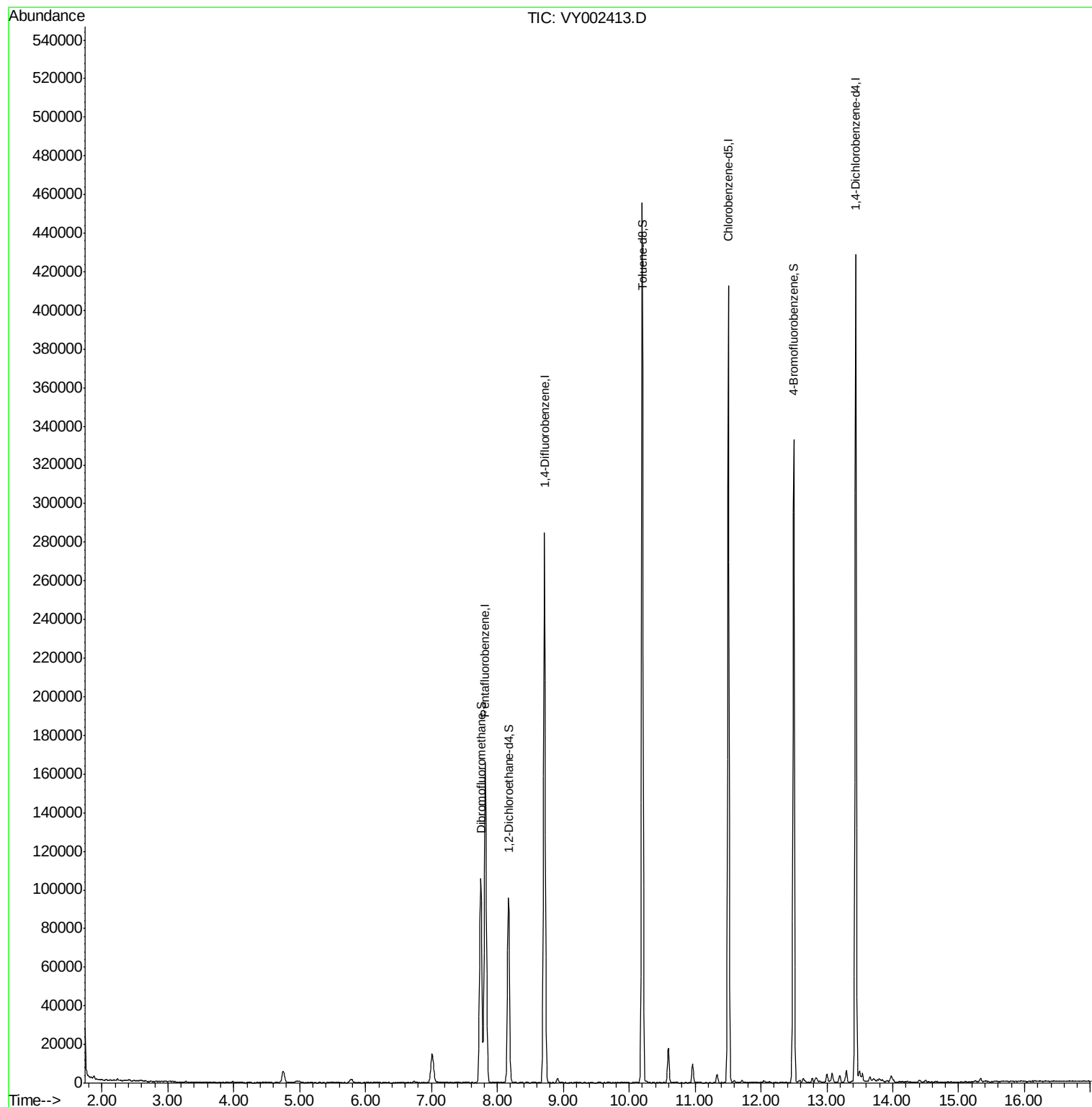
Target Compounds	Qvalue
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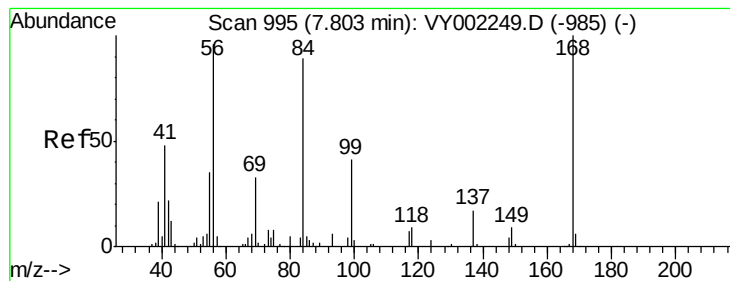
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY002413.D

Acq: 17 Apr 2020 20:25

Instrument :

MSVOA_Y

ClientSampled :

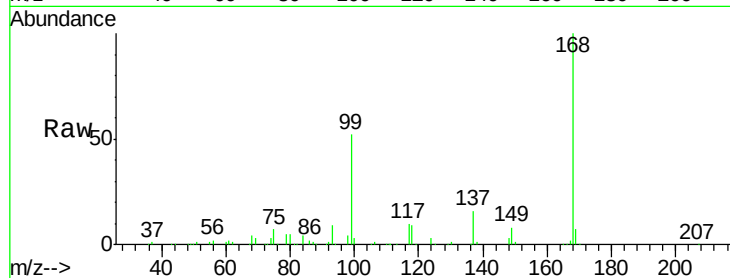
PA-4

Tot Ion:168 Resp: 134057

Ion Ratio Lower Upper

168 100

99 52.0 48.0 72.0



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

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.82

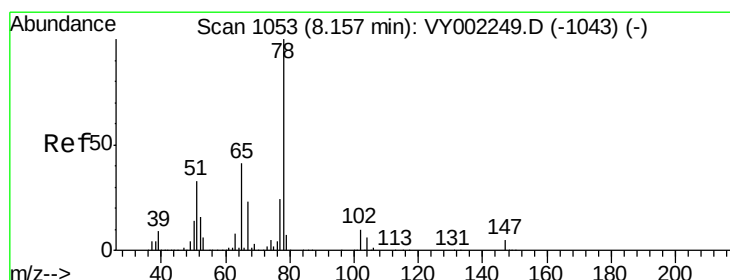
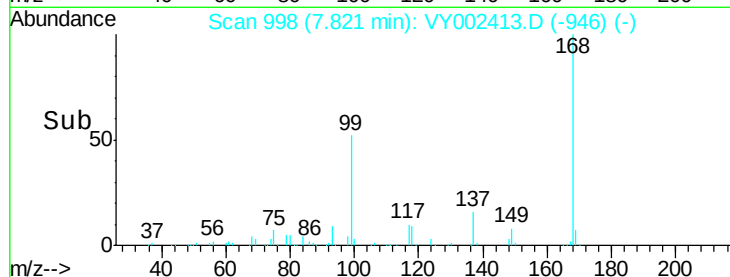
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 45.975 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002413.D

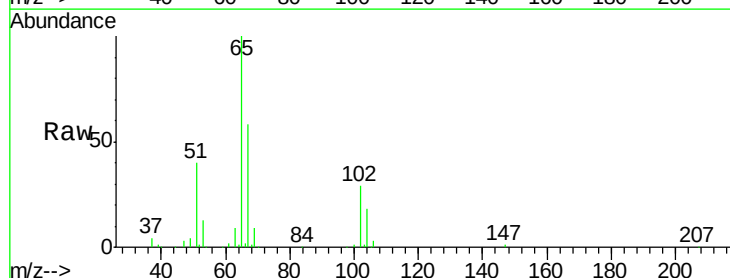
Acq: 17 Apr 2020 20:25

Tgt Ion: 65 Resp: 68540

Ion Ratio Lower Upper

65 100

67 58.3 0.0 114.0



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

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)

8.17

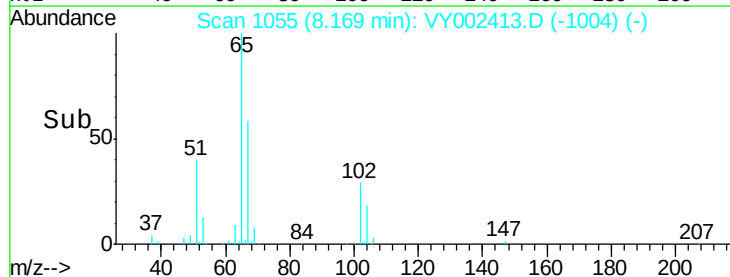
30000

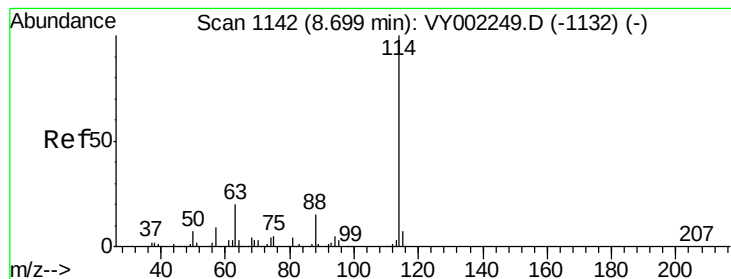
20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.02 min

Lab File: VY002413.D

Acq: 17 Apr 2020 20:25

Instrument :

MSVOA_Y

ClientSampleId :

PA-4

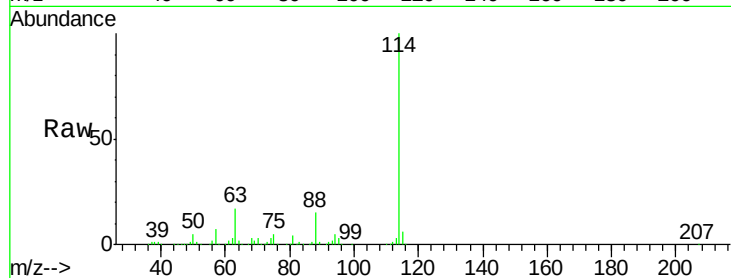
Tot Ion:114 Resp: 269229

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.0

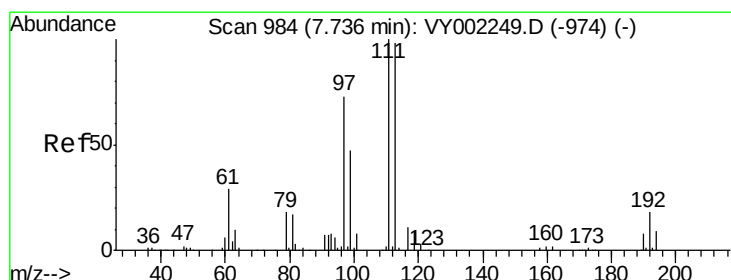
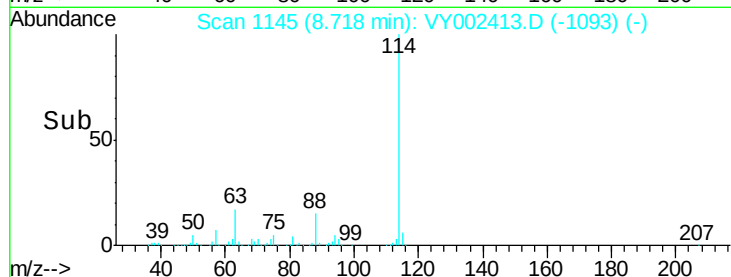
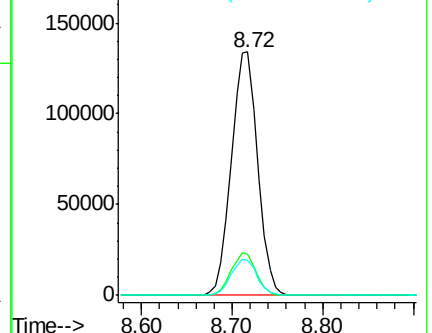
88 14.5 0.0 31.0



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: 49.582 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002413.D

Acq: 17 Apr 2020 20:25

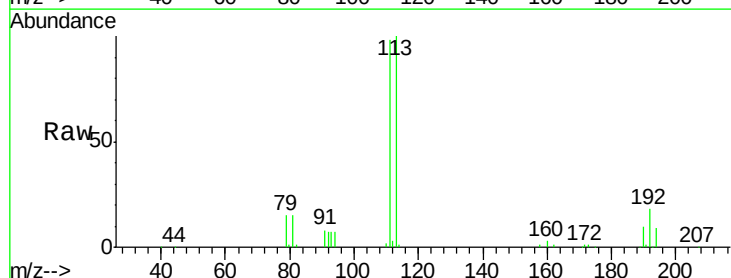
Tgt Ion:113 Resp: 79431

Ion Ratio Lower Upper

113 100

111 101.4 83.5 125.3

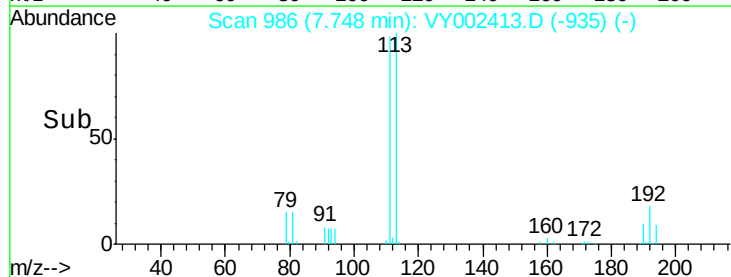
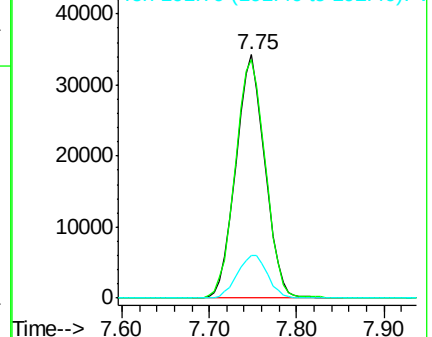
192 18.2 14.7 22.1

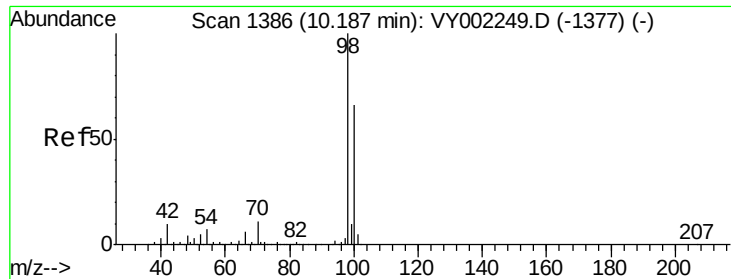


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.916 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002413.D

Acq: 17 Apr 2020 20:25

Instrument :

MSVOA_Y

ClientSampleId :

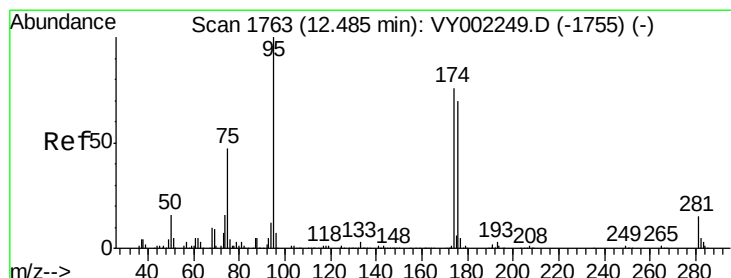
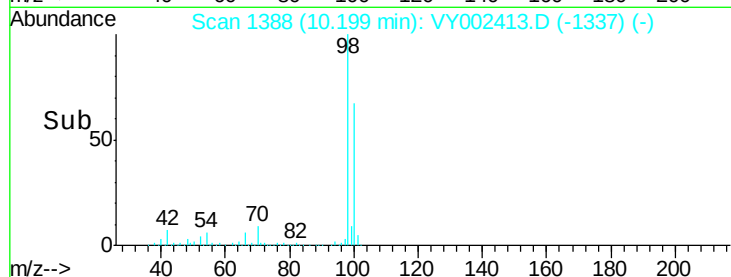
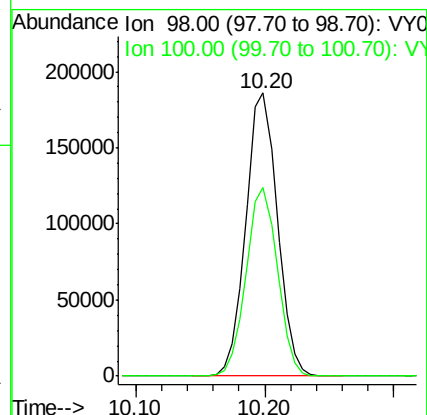
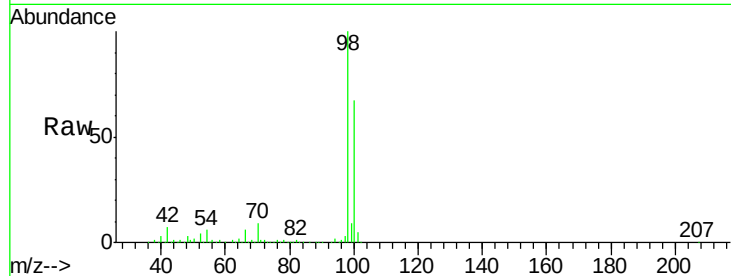
PA-4

Tot Ion: 98 Resp: 314587

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 46.765 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002413.D

Acq: 17 Apr 2020 20:25

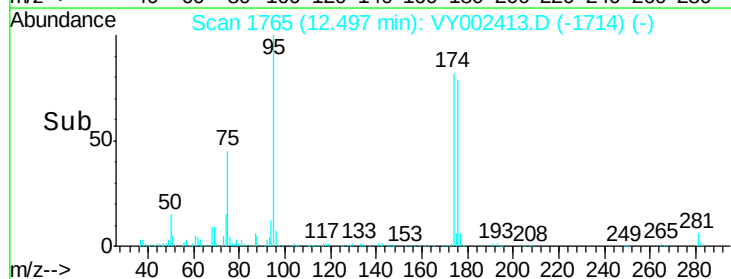
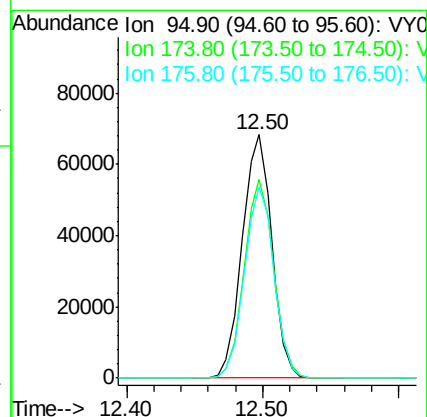
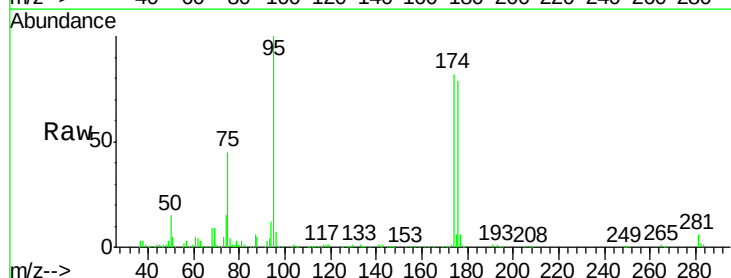
Tgt Ion: 95 Resp: 103453

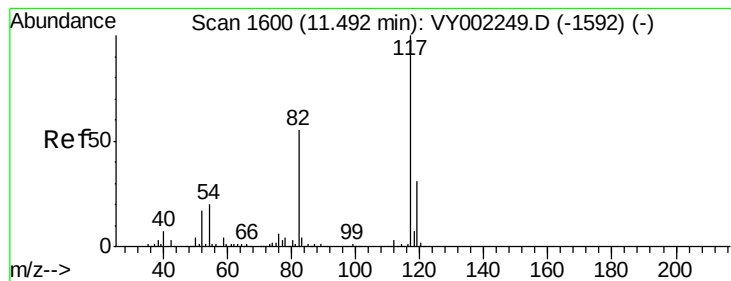
Ion Ratio Lower Upper

95 100

174 81.4 0.0 150.6

176 78.4 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002413.D

Acq: 17 Apr 2020 20:25

Instrument :

MSVOA_Y

ClientSampleId :

PA-4

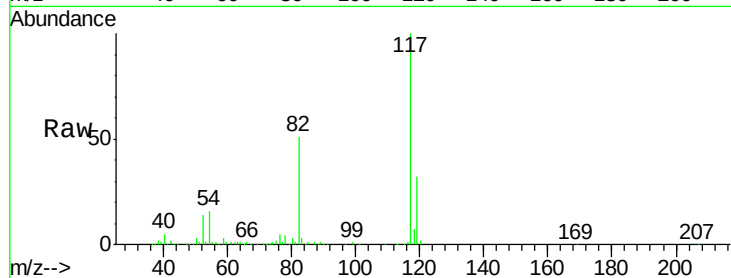
Tot Ion:117 Resp: 246330

Ion Ratio Lower Upper

117 100

82 51.0 44.2 66.4

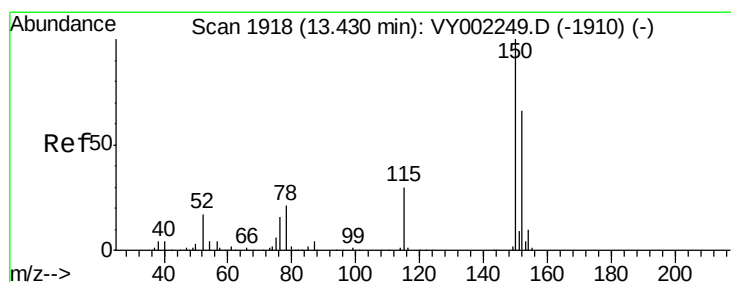
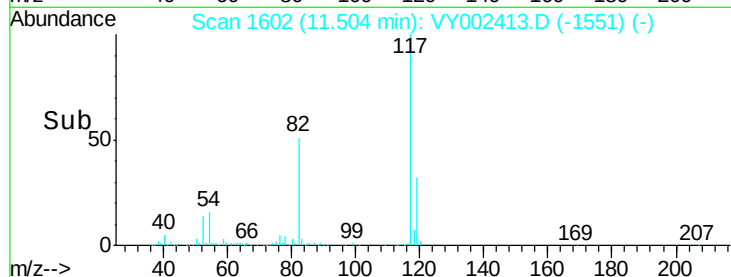
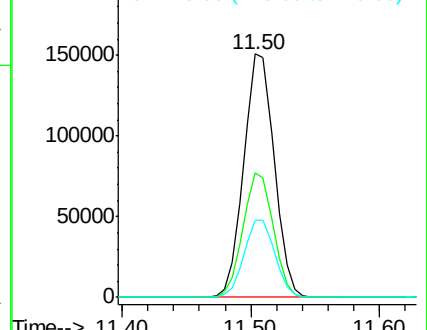
119 31.6 25.1 37.7



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: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY002413.D

Acq: 17 Apr 2020 20:25

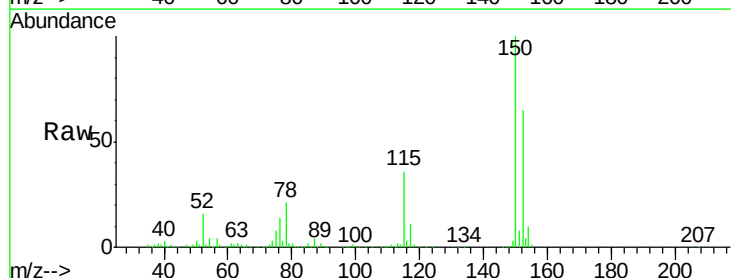
Tgt Ion:152 Resp: 114377

Ion Ratio Lower Upper

152 100

115 58.2 30.7 92.1

150 158.7 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

