

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001224.D
 Acq On : 15 Jan 2020 17:30
 Operator : SY/MD
 Sample : L1127-02
 Misc : 6.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-07-1.5-2

Quant Time: Jan 16 05:55:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	168237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	301281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	264763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105936	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	94090	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
35) Dibromofluoromethane	7.73	113	89345	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
50) Toluene-d8	10.18	98	352386	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.48	95	118893	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	

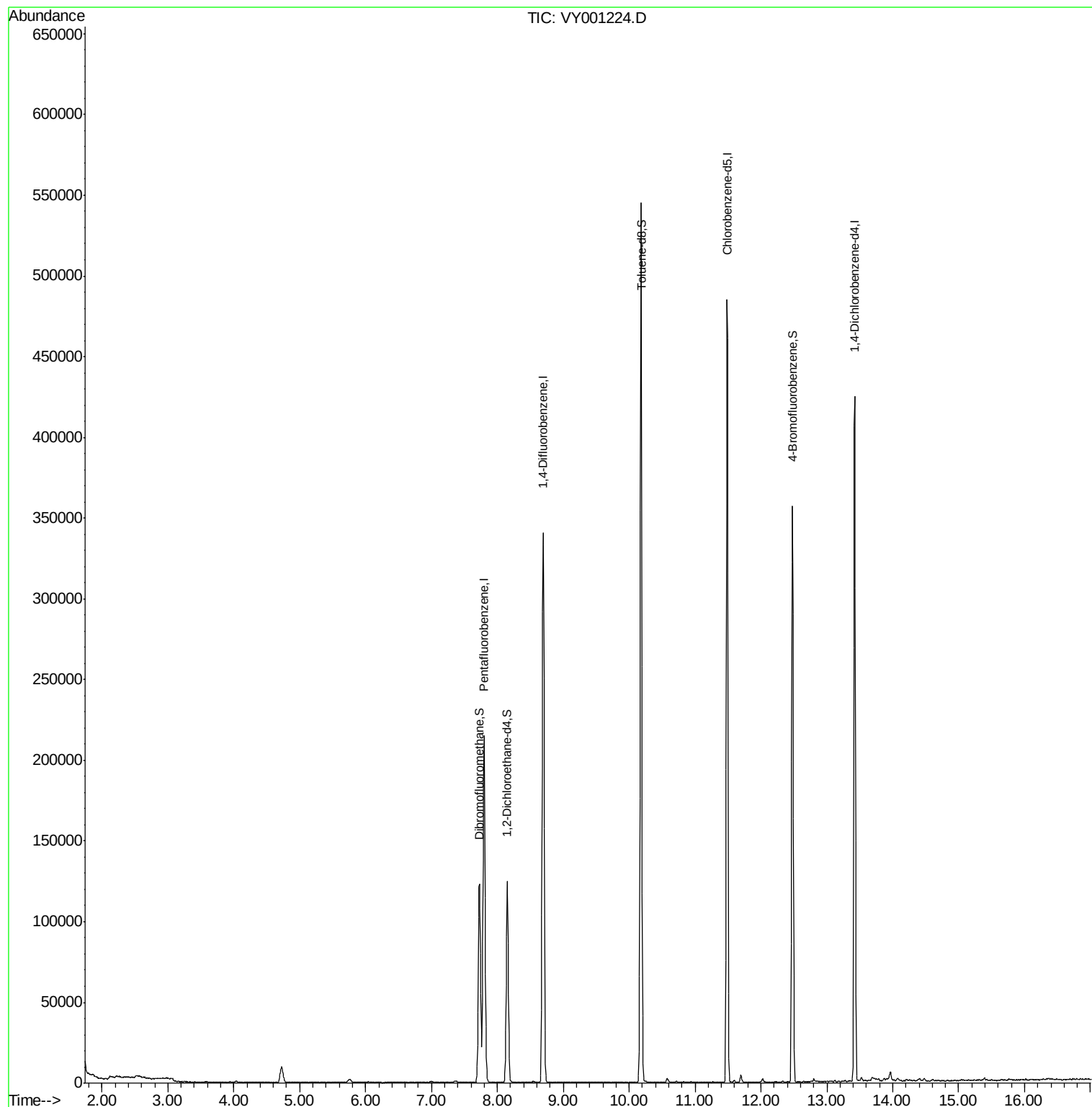
Target Compounds	Qvalue

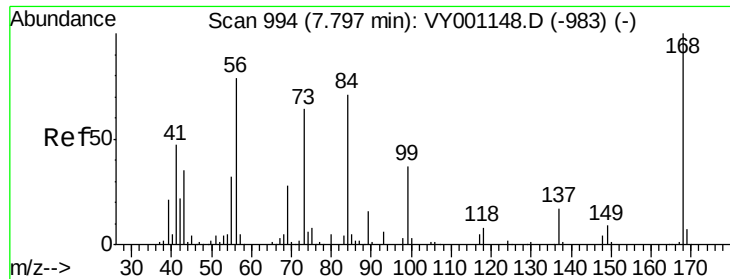
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001224.D

Acq: 15 Jan 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

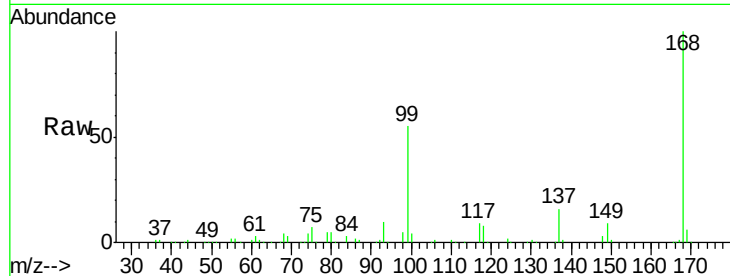
QVD-SB-07-1.5-2

Tot Ion:168 Resp: 168237

Ion Ratio Lower Upper

168 100

99 55.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

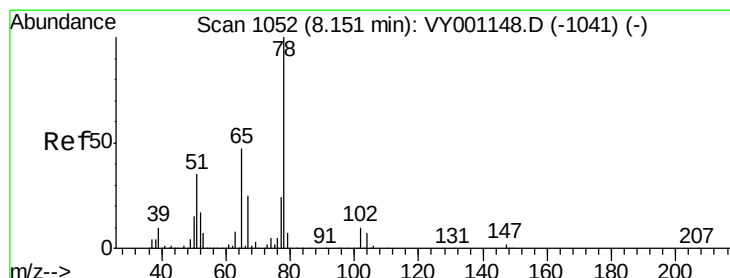
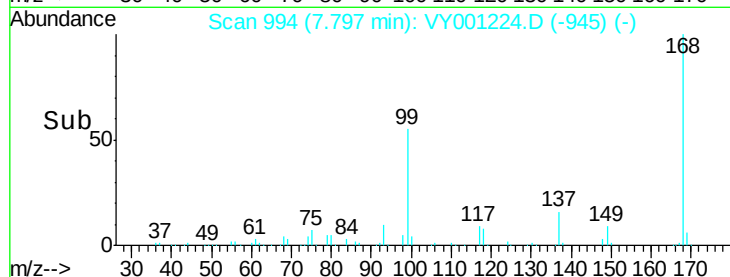
40000

20000

0

Time-->

7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 52.952 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001224.D

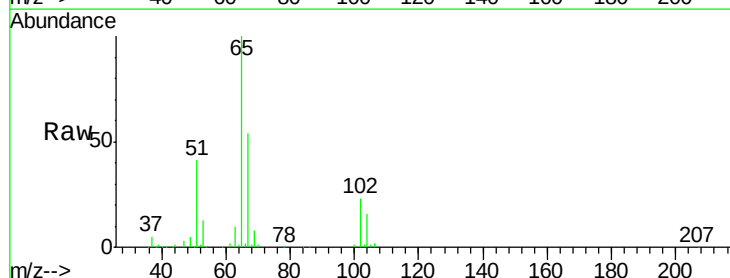
Acq: 15 Jan 2020 17:30

Tgt Ion: 65 Resp: 94090

Ion Ratio Lower Upper

65 100

67 54.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)

8.15

50000

40000

30000

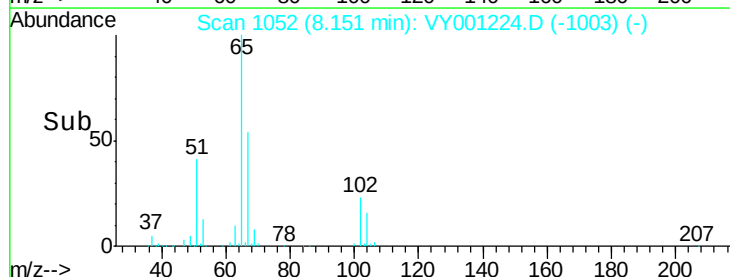
20000

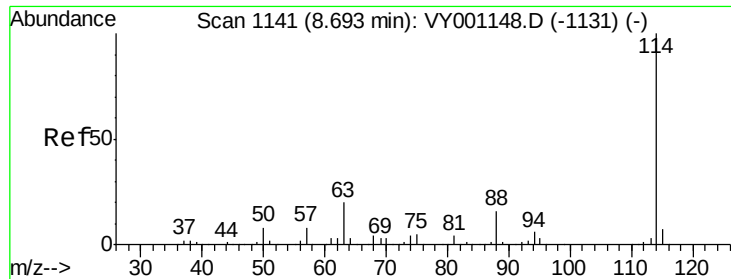
10000

0

Time-->

8.00 8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

QVD-SB-07-1.5-2

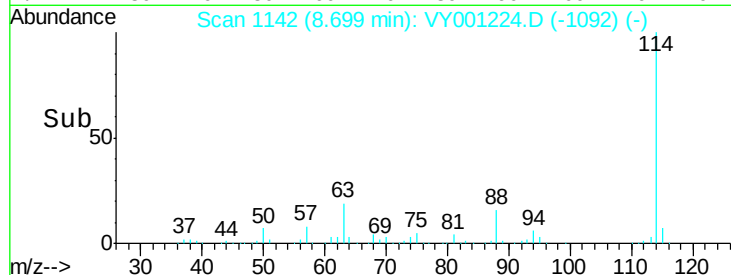
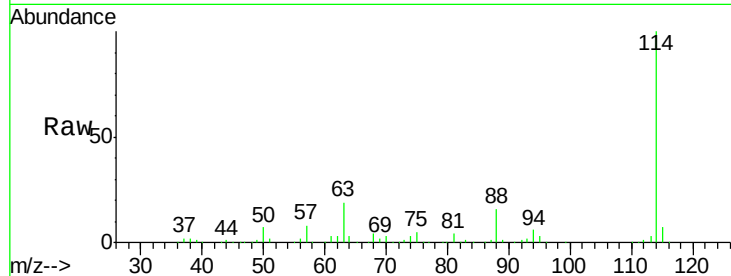
Tot Ion:114 Resp: 301281

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

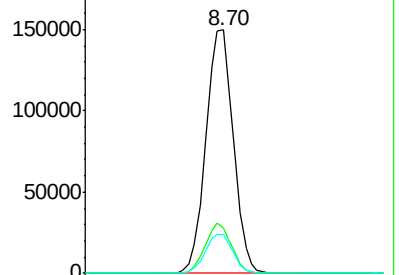
88 16.2 0.0 32.4



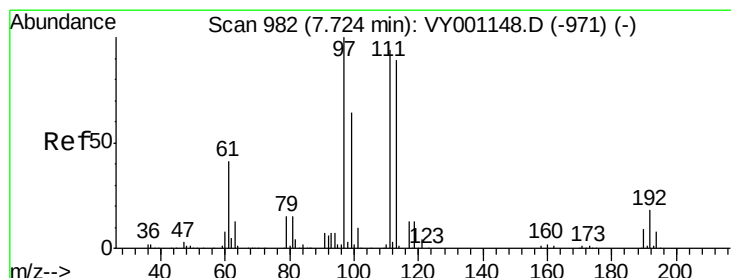
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



Time-->



#35

Dibromofluoromethane

Concen: 50.649 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

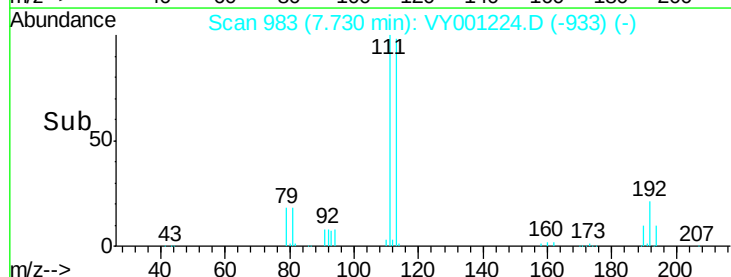
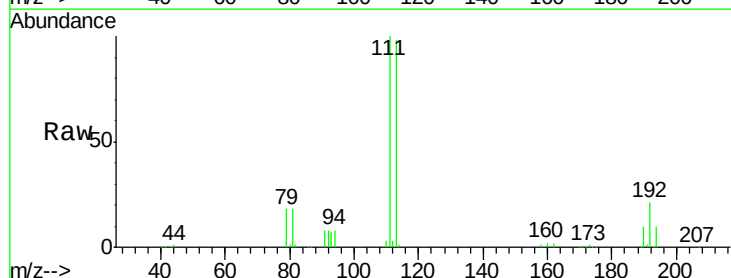
Tgt Ion:113 Resp: 89345

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

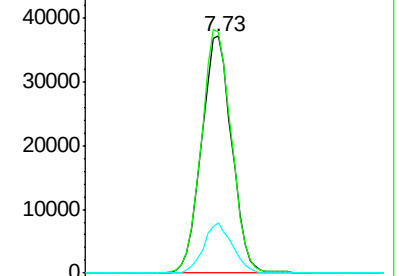
192 20.1 15.4 23.2



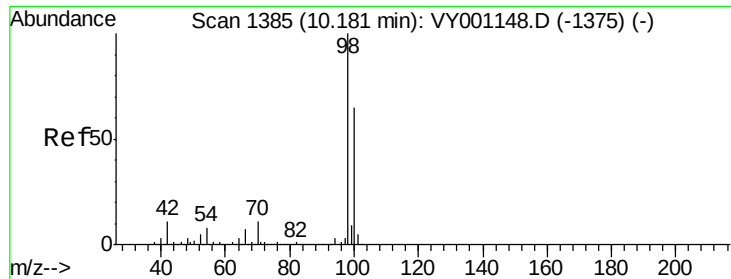
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#50

Toluene-d8

Concen: 51.845 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

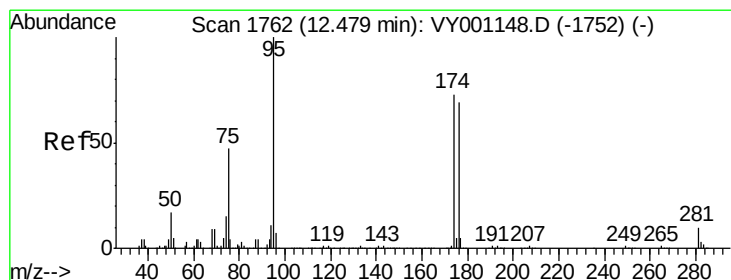
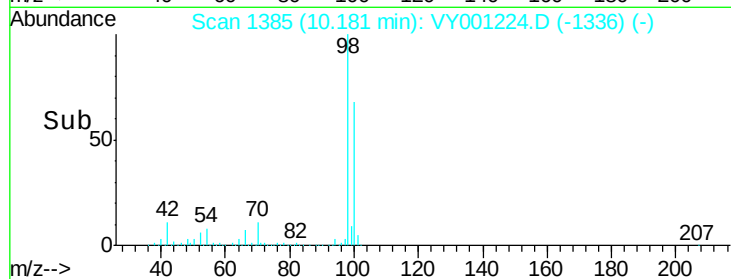
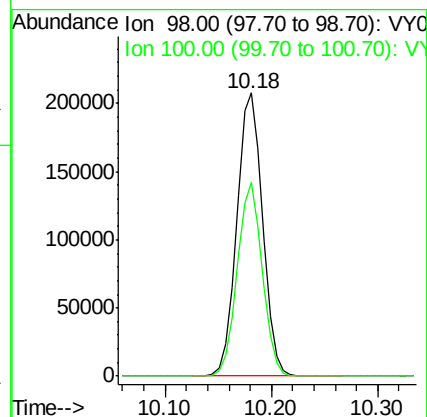
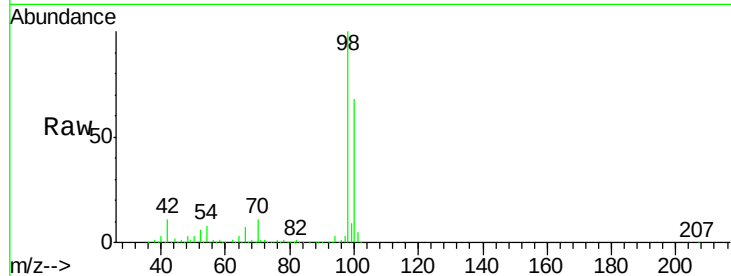
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Tot Ion: 98 Resp: 352386

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.786 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

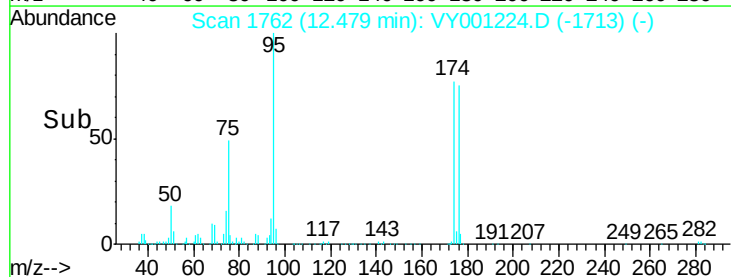
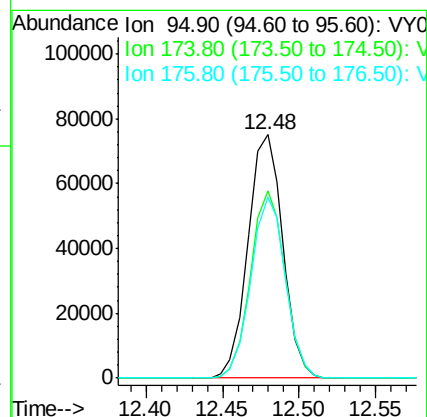
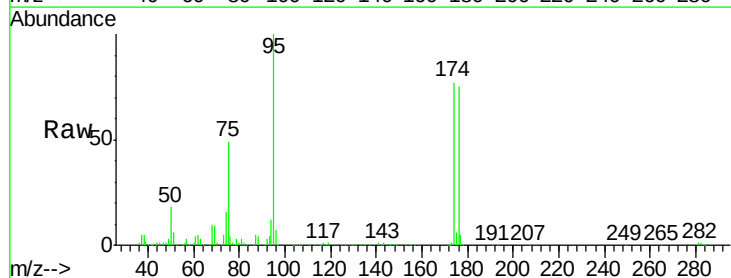
Tgt Ion: 95 Resp: 118893

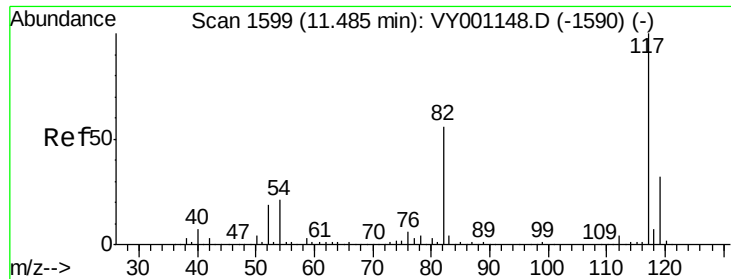
Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.2

176 73.7 0.0 136.0

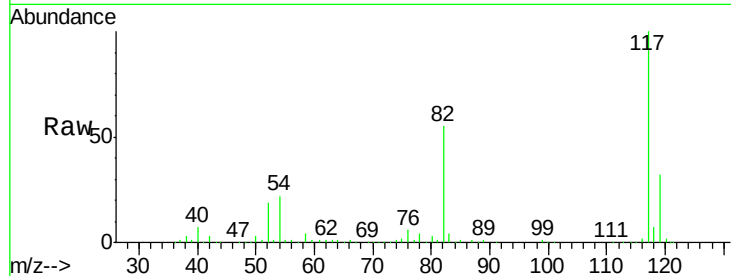




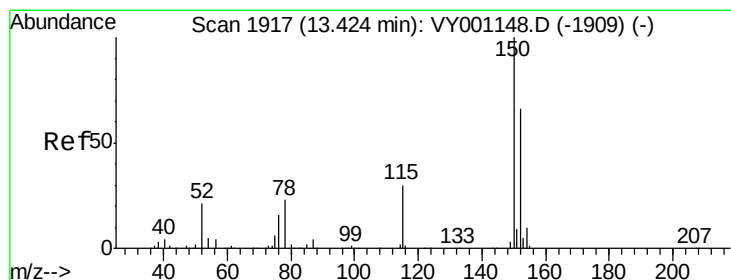
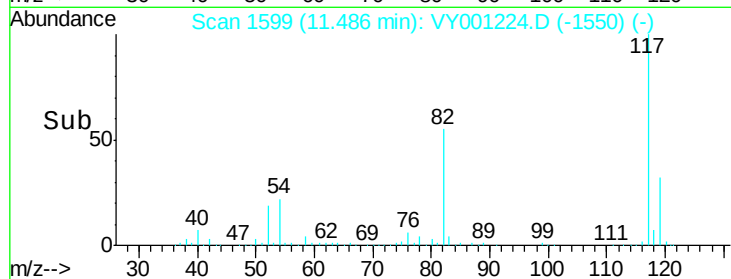
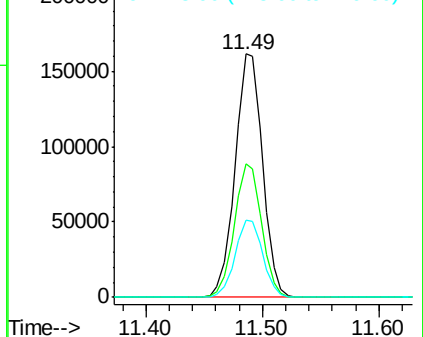
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001224.D
Acq: 15 Jan 2020 17:30

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-07-1.5-2

Tot Ion:117 Resp: 264763
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.8 25.7 38.5

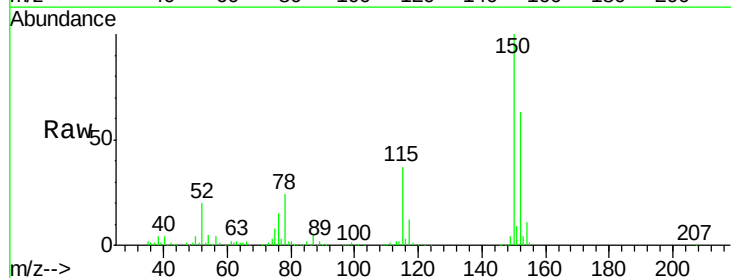


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001224.D
Acq: 15 Jan 2020 17:30

Tgt Ion:152 Resp: 105936
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.5
150 157.5 0.0 346.8



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

