

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003417.D
 Acq On : 03 Aug 2020 15:15
 Operator : SY/MD
 Sample : L3521-07
 Misc : 7.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-CD

Quant Time: Aug 04 08:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	460111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	717043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	662252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	330307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	229909	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	7.72	113	221448	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	10.18	98	874851	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.48	95	288111	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

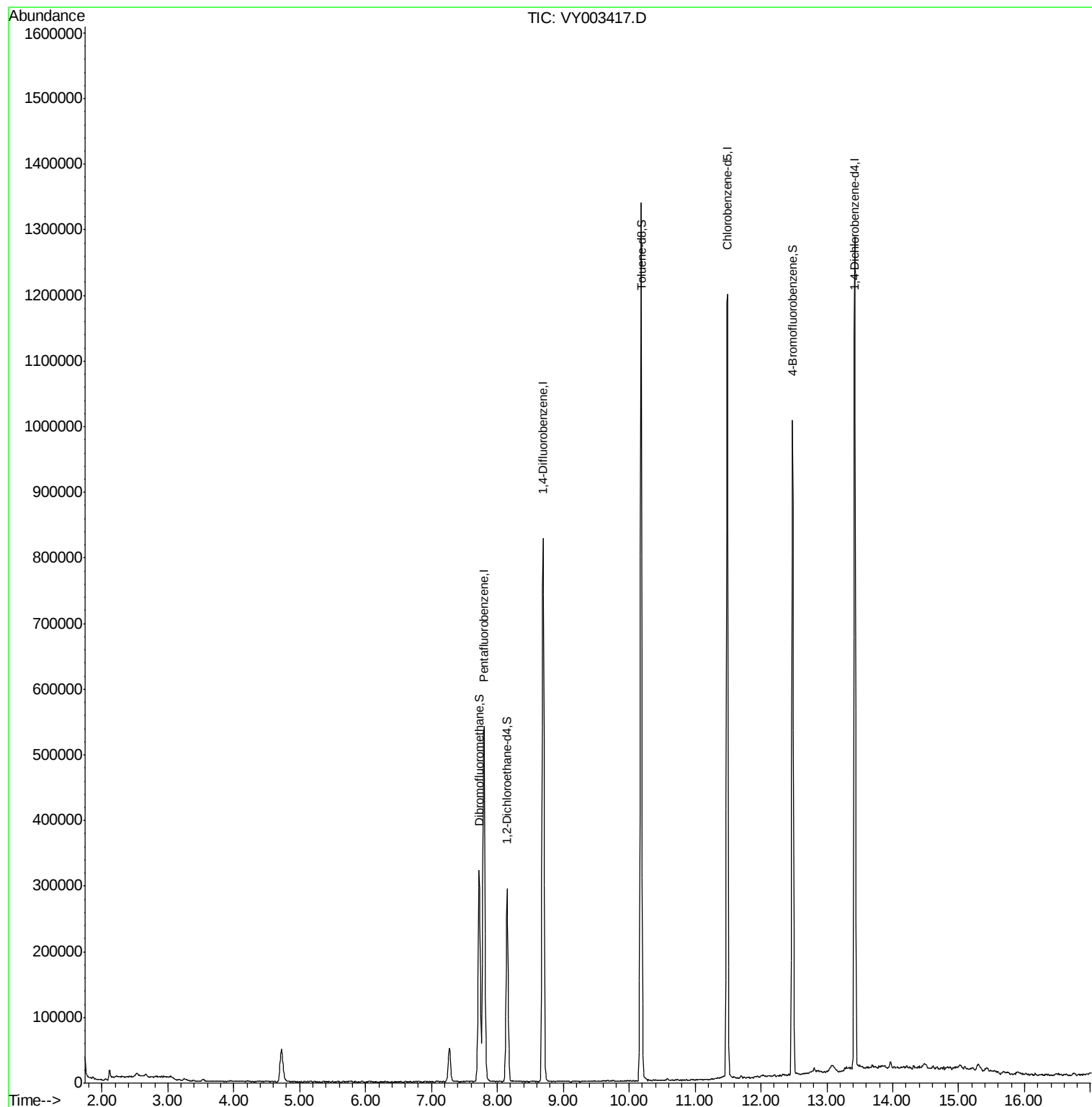
Target Compounds	Qvalue

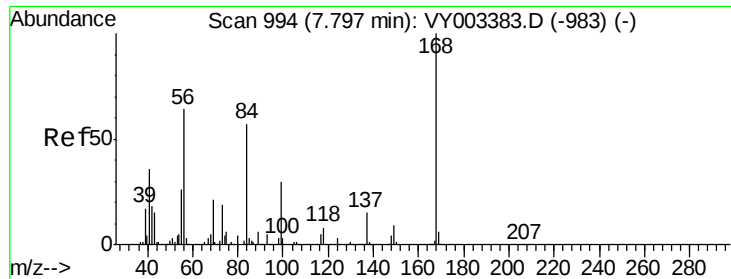
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003417.D

Acq: 03 Aug 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

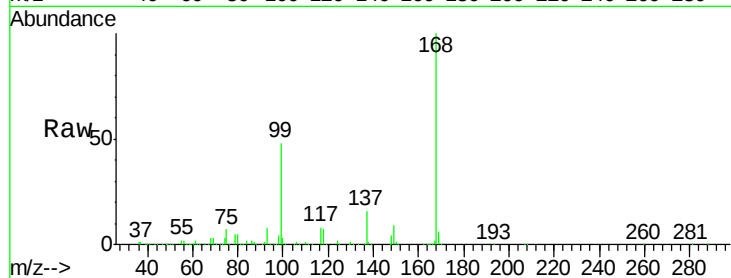
COMP-CD

Tot Ion:168 Resp: 460111

Ion Ratio Lower Upper

168 100

99 47.9 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003383.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003383.D (-983) (-)

7.80

200000

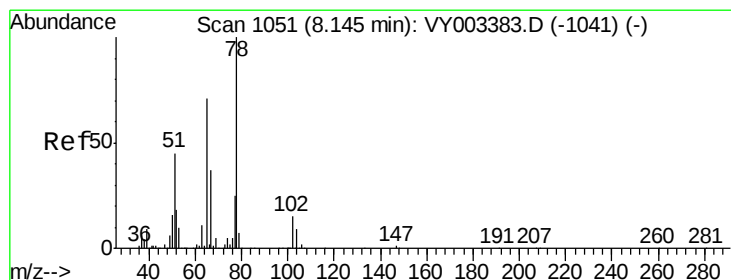
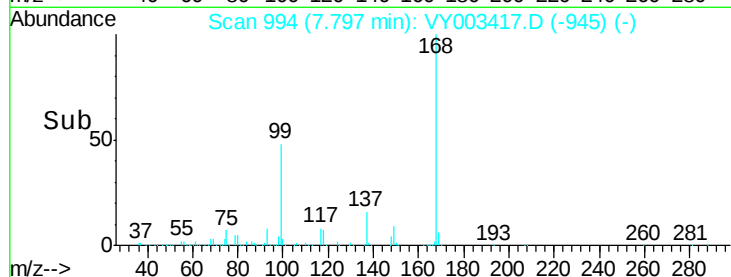
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.553 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003417.D

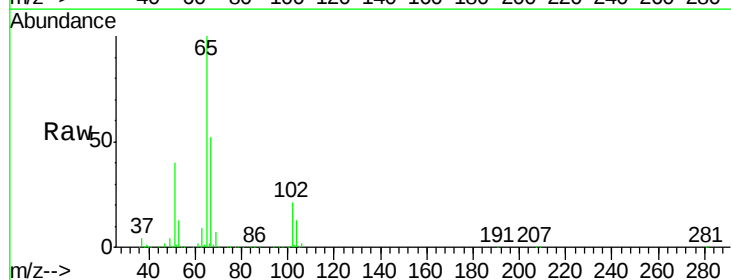
Acq: 03 Aug 2020 15:15

Tgt Ion: 65 Resp: 229909

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VY003383.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003383.D (-1041) (-)

8.14

120000

100000

80000

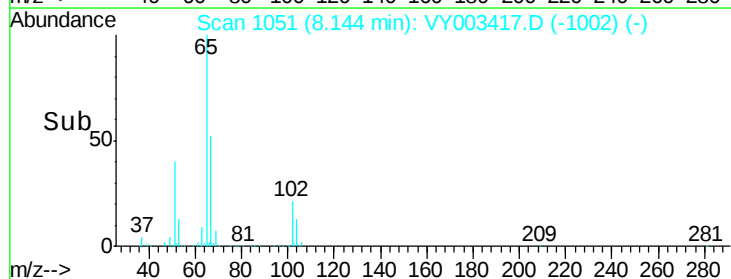
60000

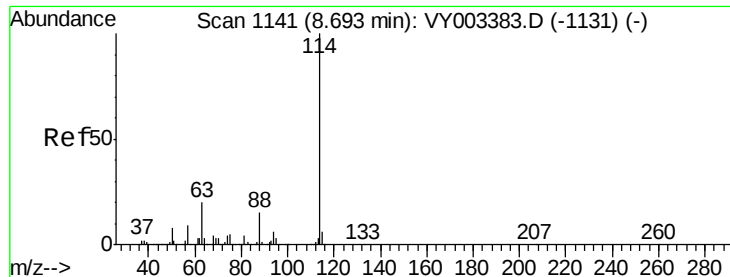
40000

20000

0

Time-->

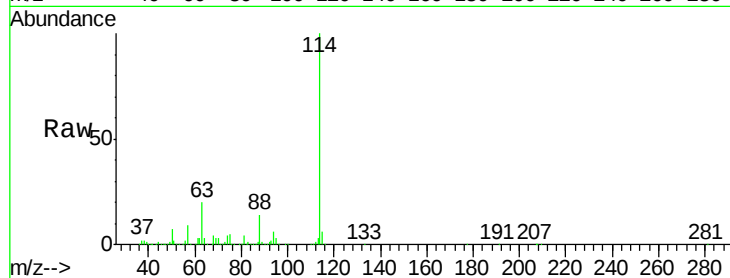




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003417.D
 Acq: 03 Aug 2020 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-CD

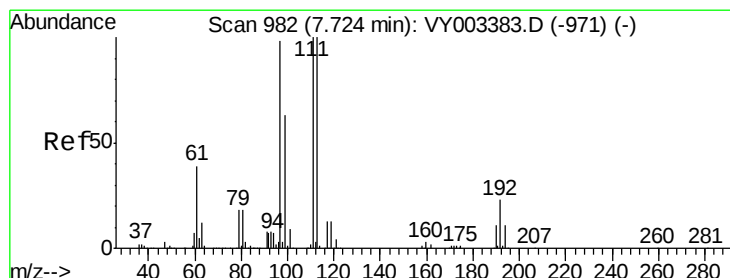
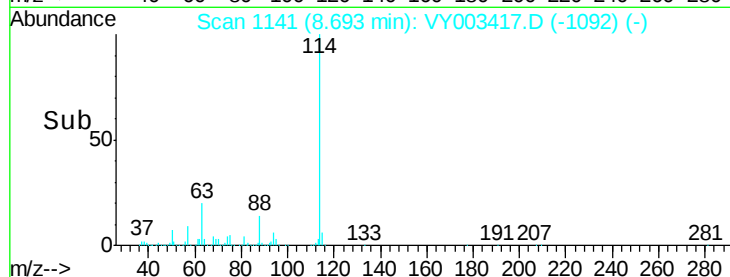
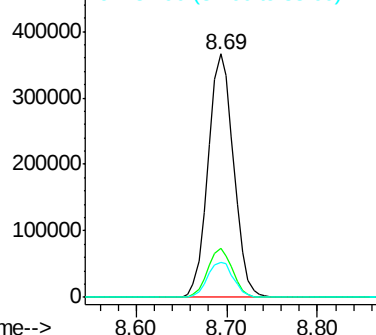
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.6
88	14.5	0.0	29.2



Abundance Ion 113.90 (113.60 to 114.60): V

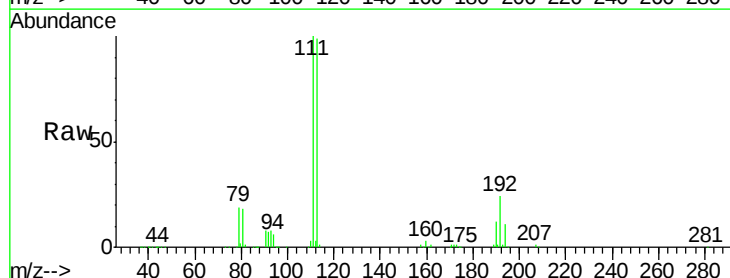
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 52.428 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003417.D
 Acq: 03 Aug 2020 15:15

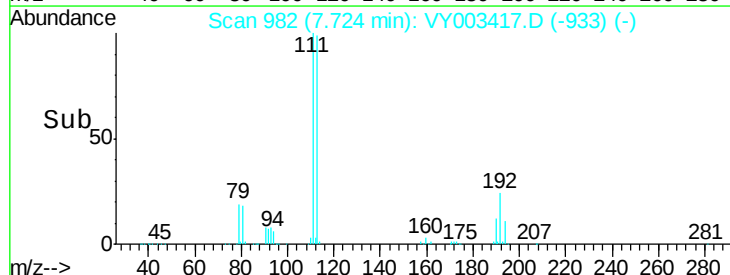
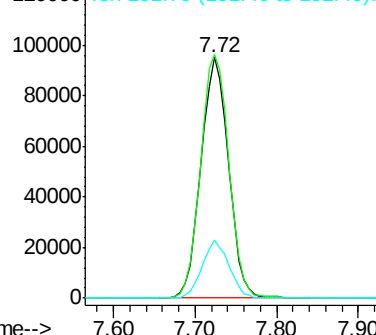
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.4
192	23.3	18.8	28.2

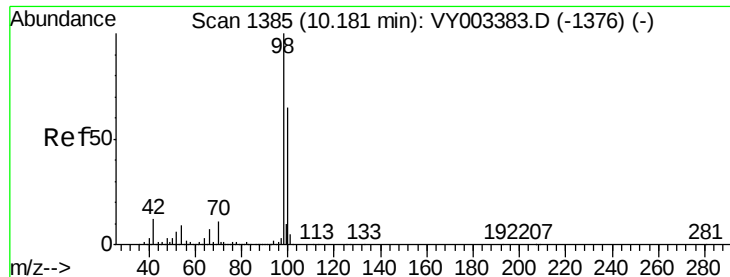


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.894 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003417.D

Acq: 03 Aug 2020 15:15

Instrument :

MSVOA_Y

ClientSampleId :

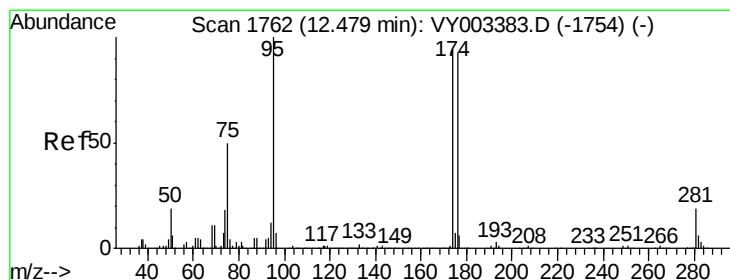
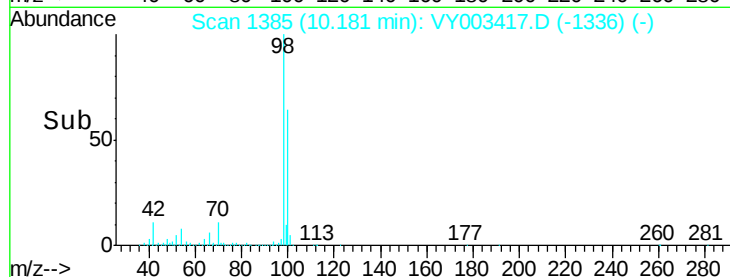
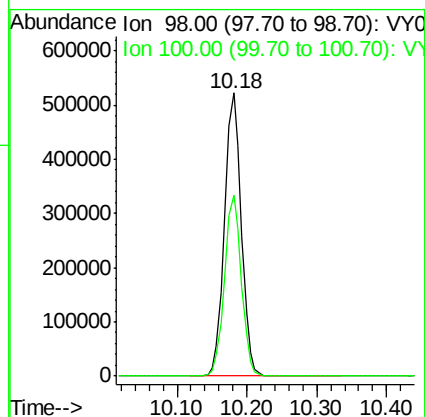
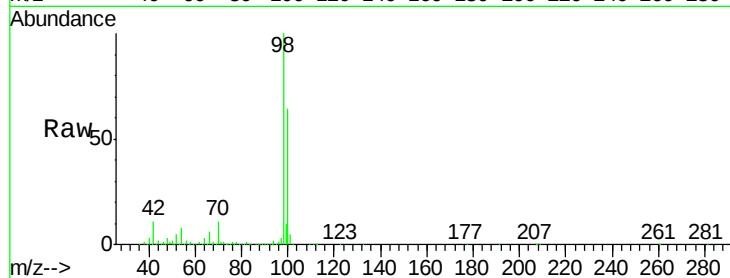
COMP-CD

Tot Ion: 98 Resp: 874851

Ion Ratio Lower Upper

98 100

100 63.7 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 50.982 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003417.D

Acq: 03 Aug 2020 15:15

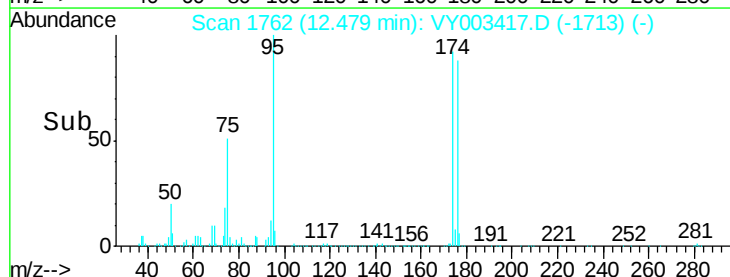
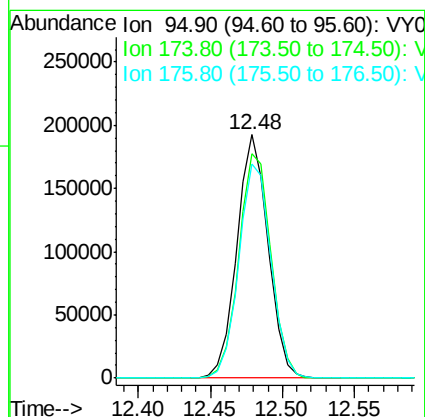
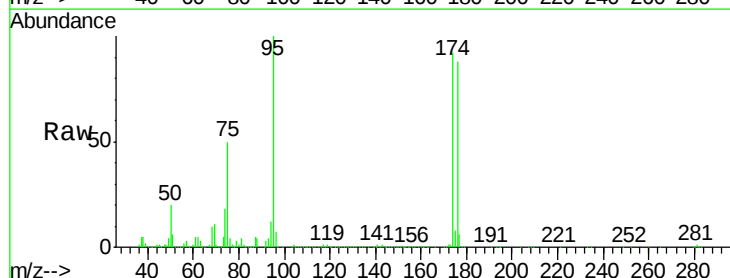
Tgt Ion: 95 Resp: 288111

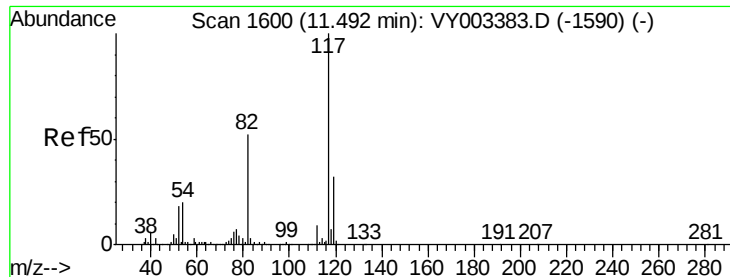
Ion Ratio Lower Upper

95 100

174 95.1 0.0 190.0

176 90.9 0.0 184.4

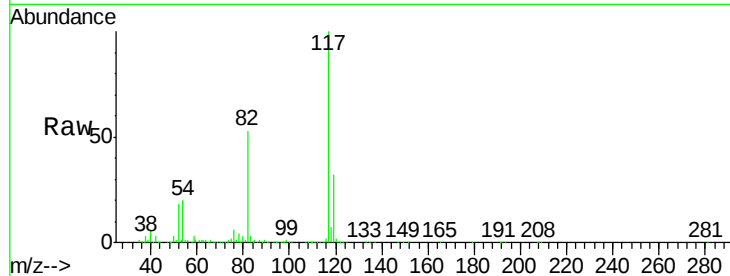




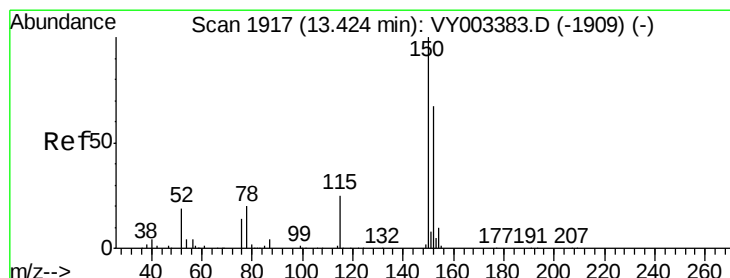
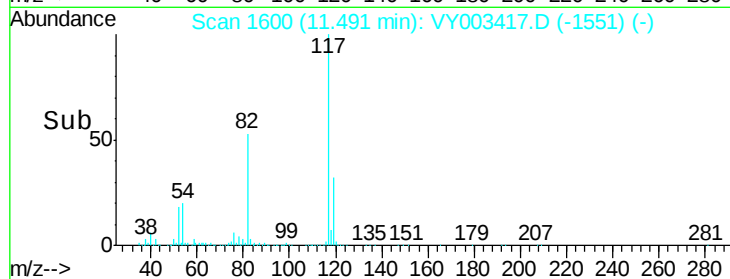
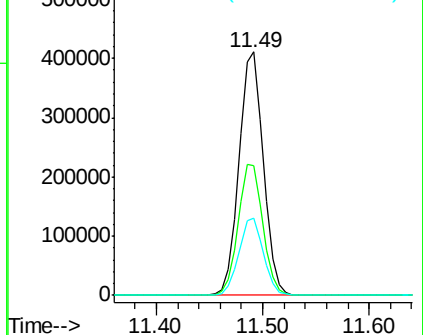
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Instrument :
MSVOA_Y
ClientSampleId :
COMP-CD

Tot Ion:117 Resp: 662252
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 31.8 25.4 38.0

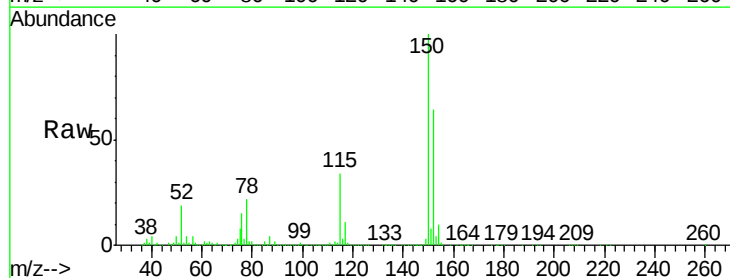


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003417.D
Acq: 03 Aug 2020 15:15

Tgt Ion:152 Resp: 330307
Ion Ratio Lower Upper
152 100
115 54.2 27.2 81.5
150 157.0 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

