

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003406.D
 Acq On : 03 Aug 2020 10:41
 Operator : SY/MD
 Sample : VY0803SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0803SBL01

Quant Time: Aug 04 08:28:41 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	453146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	711067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	659124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	327465	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	221036	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
35) Dibromofluoromethane	7.72	113	222511	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
50) Toluene-d8	10.18	98	857626	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.48	95	280399	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	

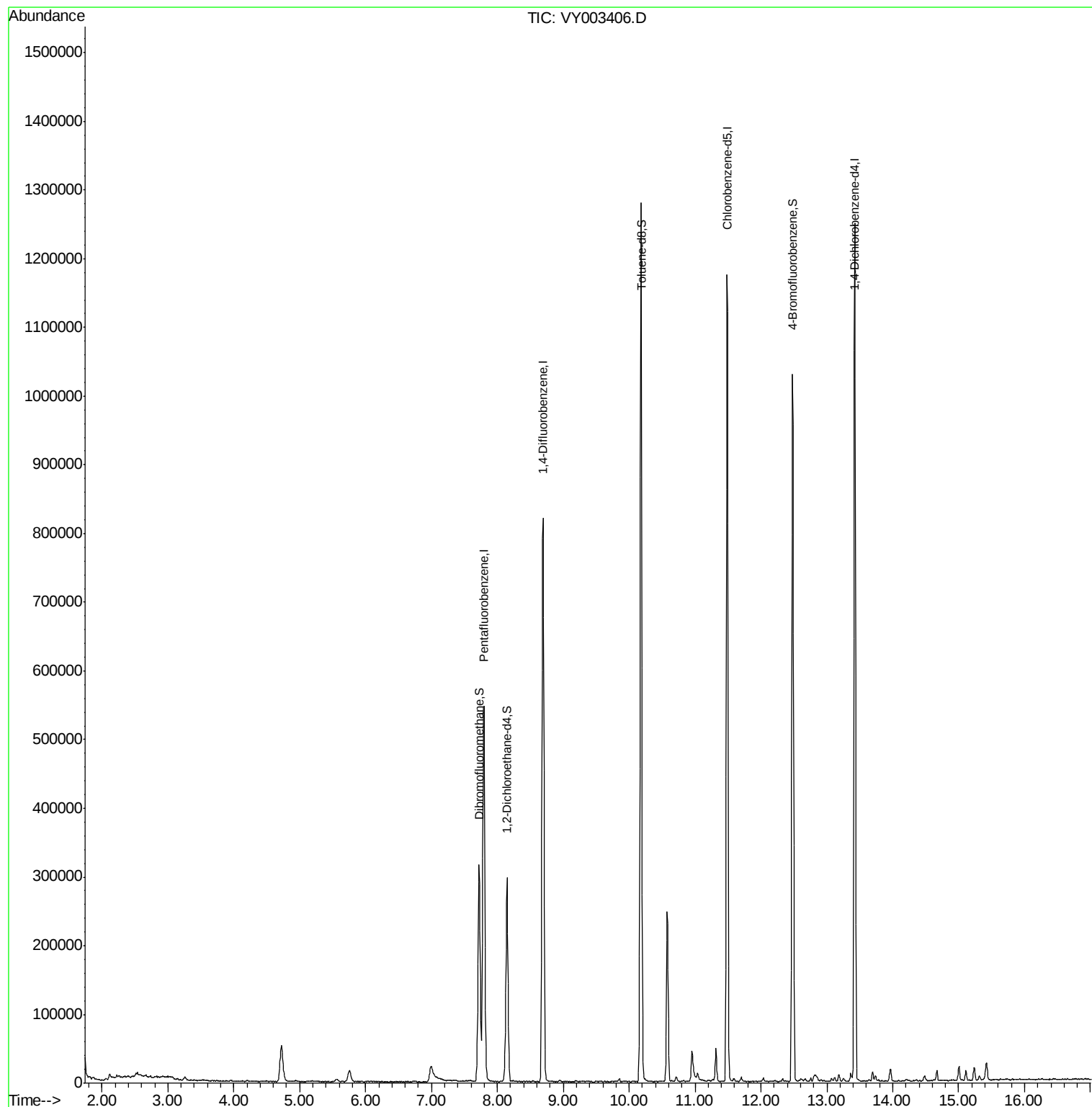
Target Compounds	Qvalue
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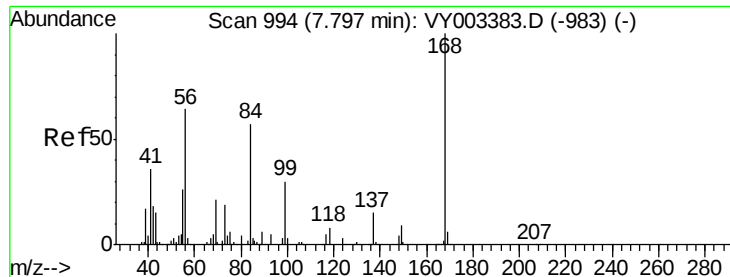
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampleId :

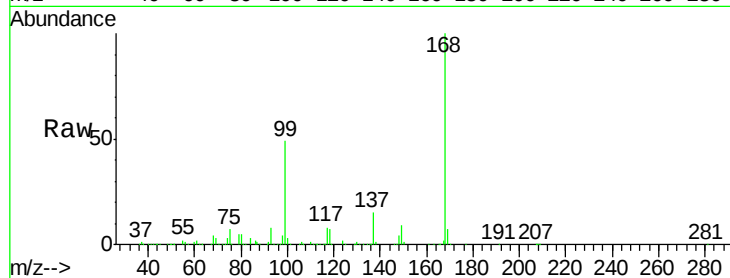
VY0803SBL01

Tot Ion:168 Resp: 453146

Ion Ratio Lower Upper

168 100

99 48.5 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

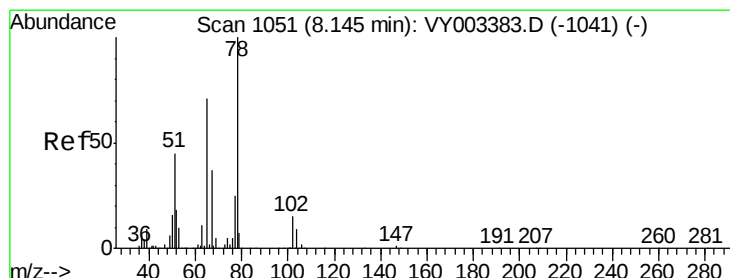
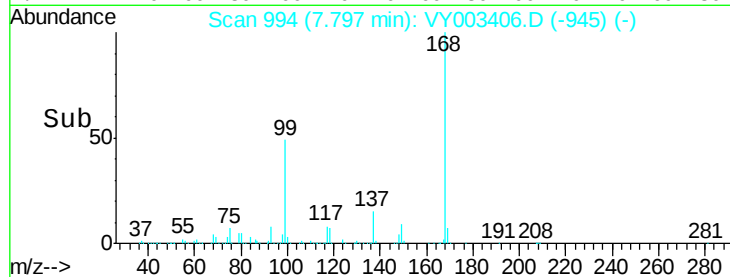
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.301 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003406.D

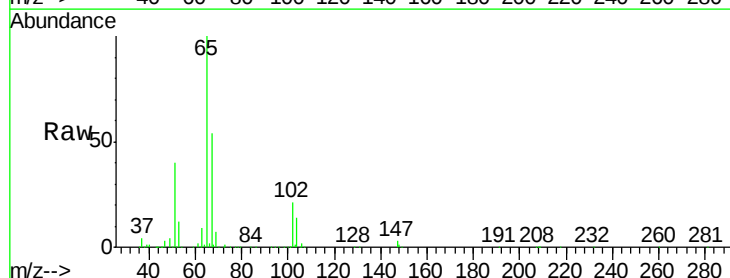
Acq: 03 Aug 2020 10:41

Tgt Ion: 65 Resp: 221036

Ion Ratio Lower Upper

65 100

67 54.2 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

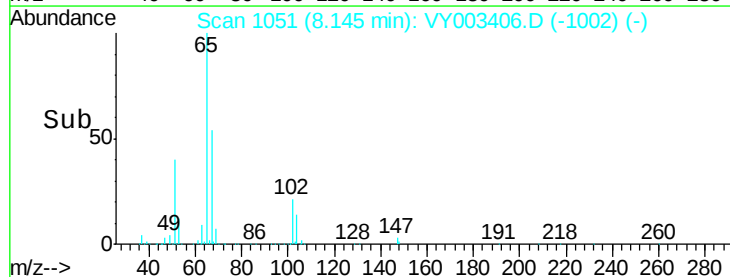
60000

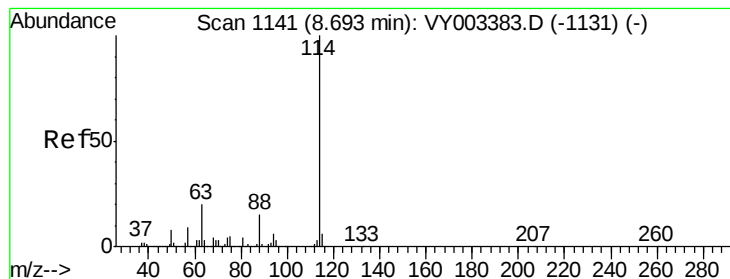
40000

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: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0803SBL01

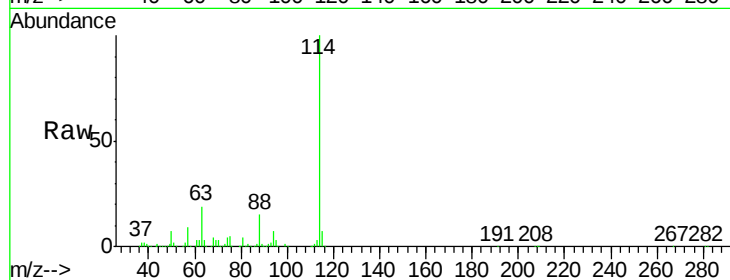
Tot Ion:114 Resp: 711067

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

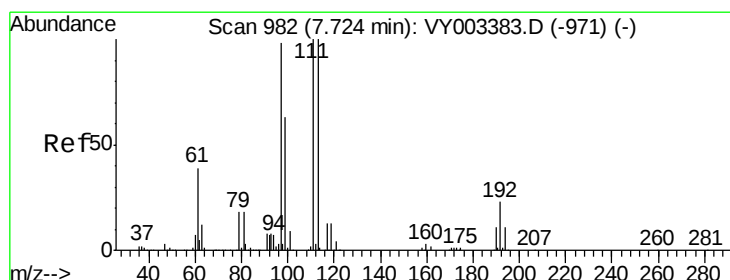
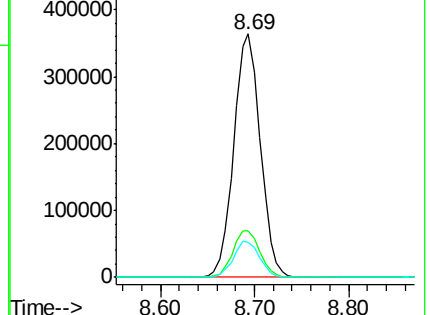
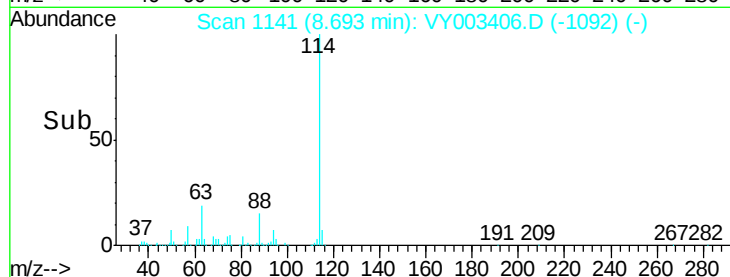
88 14.6 0.0 29.2



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: 53.123 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

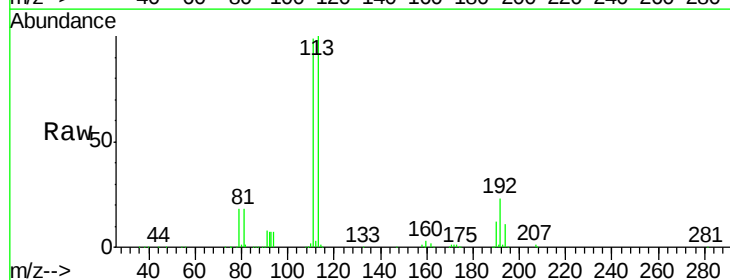
Tgt Ion:113 Resp: 222511

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.4

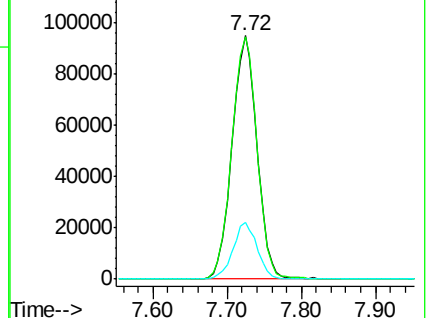
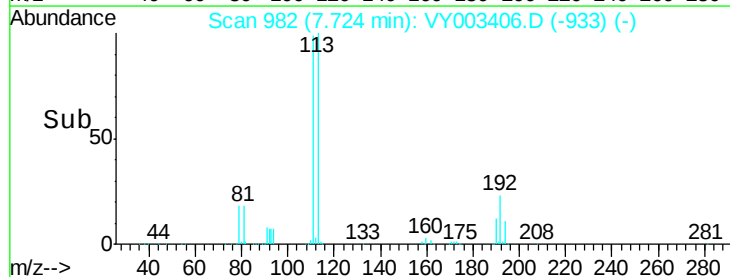
192 22.6 18.8 28.2

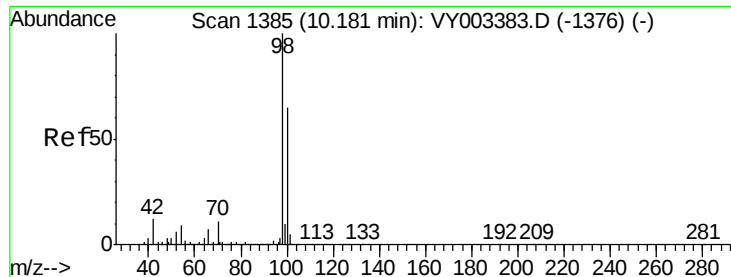


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.288 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

Instrument :

MSVOA_Y

ClientSampled :

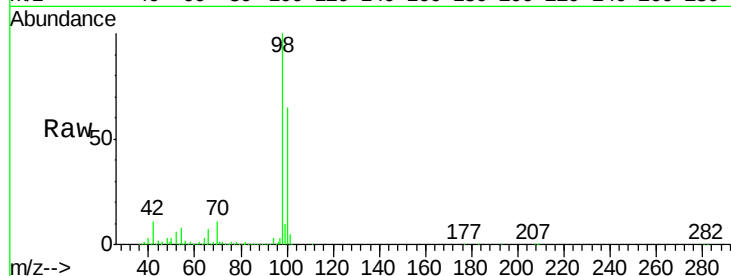
VY0803SBL01

Tot Ion: 98 Resp: 857626

Ion Ratio Lower Upper

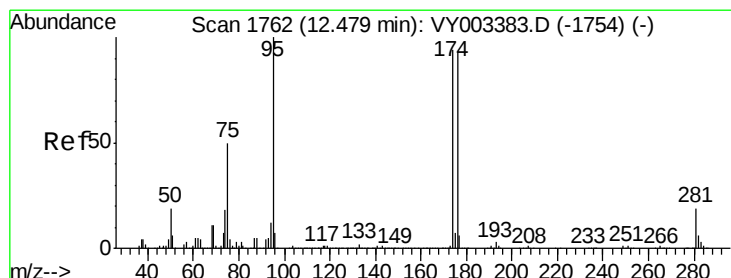
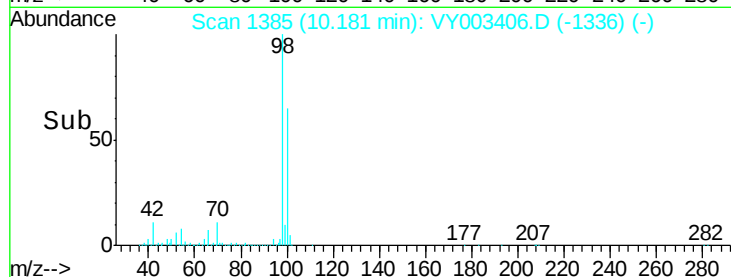
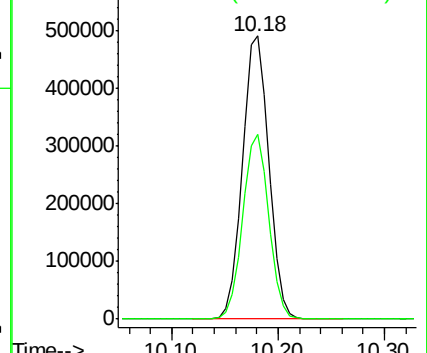
98 100

100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.034 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003406.D

Acq: 03 Aug 2020 10:41

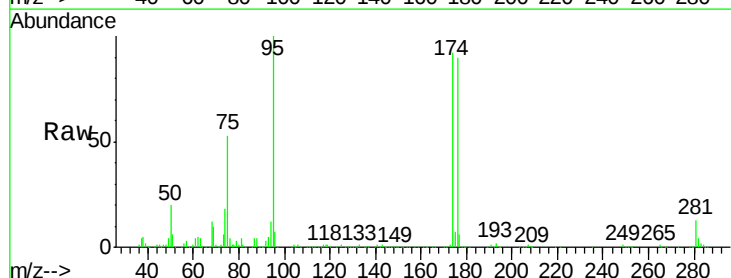
Tgt Ion: 95 Resp: 280399

Ion Ratio Lower Upper

95 100

174 94.9 0.0 190.0

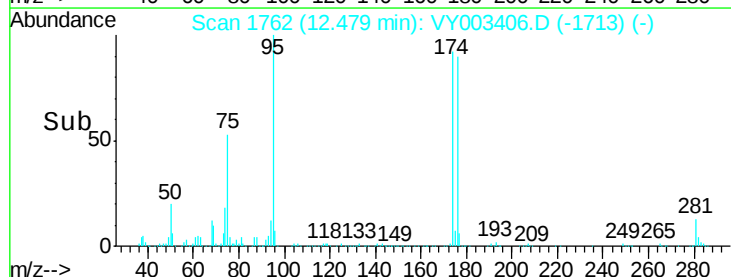
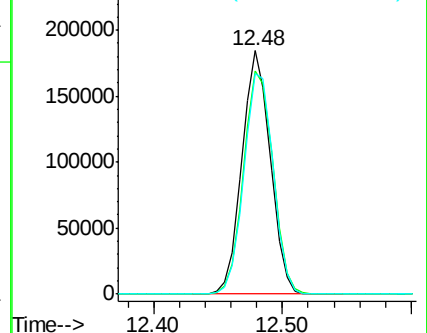
176 93.5 0.0 184.4

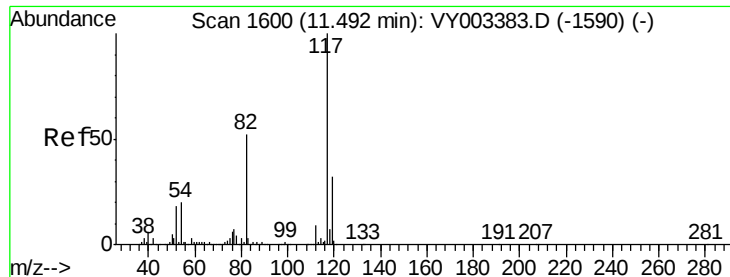


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

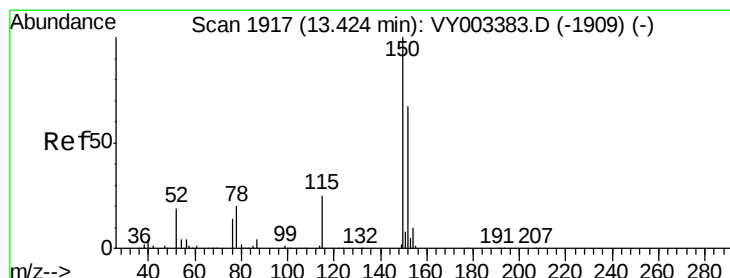
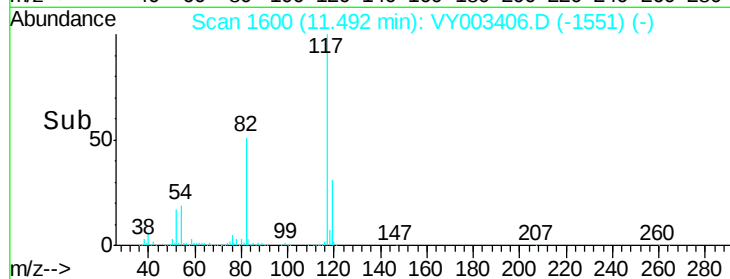
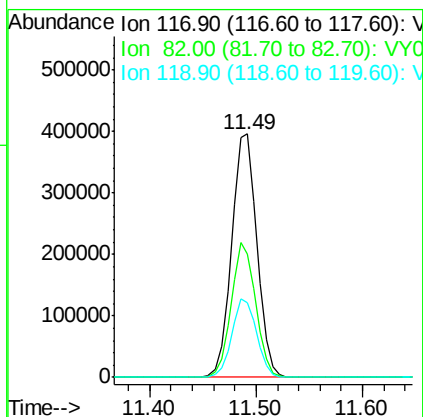
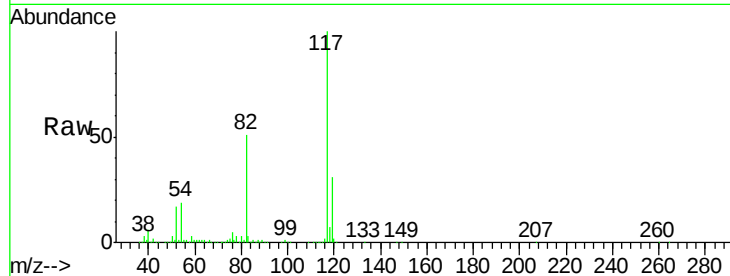




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003406.D
Acq: 03 Aug 2020 10:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0803SBL01

Tot Ion:117 Resp: 659124
Ion Ratio Lower Upper
117 100
82 50.8 41.9 62.9
119 30.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003406.D
Acq: 03 Aug 2020 10:41

Tgt Ion:152 Resp: 327465
Ion Ratio Lower Upper
152 100
115 53.6 27.2 81.5
150 157.6 0.0 346.8

