

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001308.D
 Acq On : 20 Jan 2020 19:58
 Operator : SY/MD
 Sample : L1210-05
 Misc : 7.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Q012-SB5

Quant Time: Jan 21 07:54:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

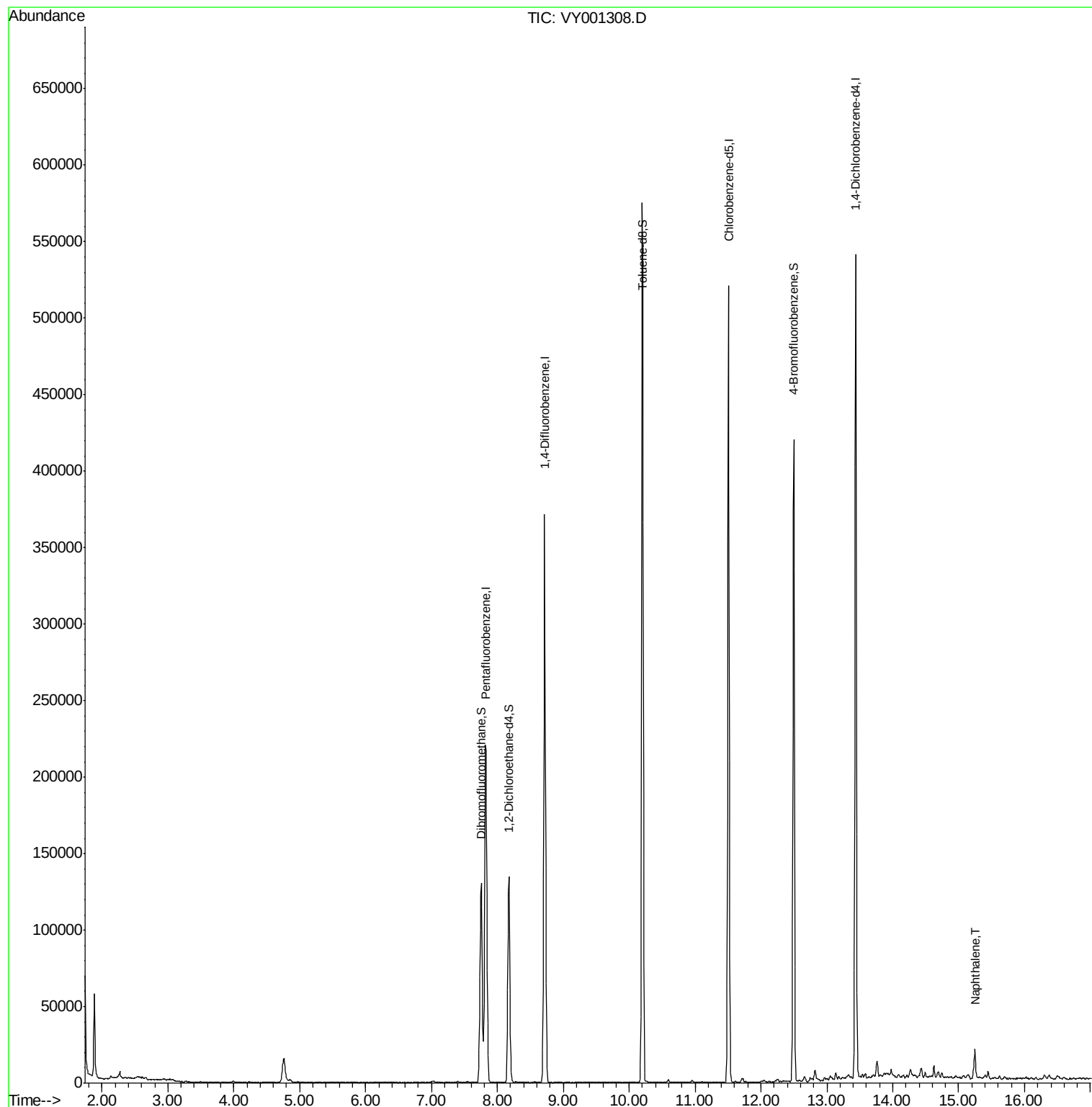
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	175978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	317974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	289606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	135500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	101085	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	7.75	113	92581	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
50) Toluene-d8	10.20	98	377628	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.50	95	136887	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
95) Naphthalene	15.25	128	14830	2.444	ug/l	Qvalue 97

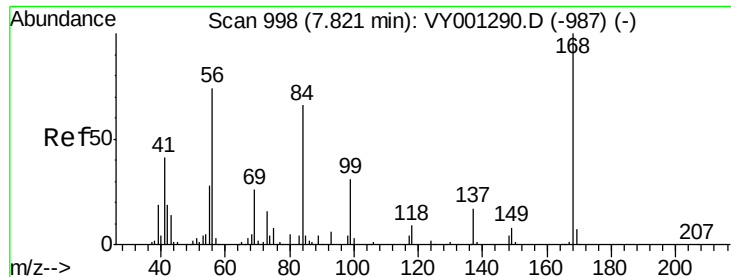
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001308.D

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Instrument :

MSVOA_Y

ClientSampleId :

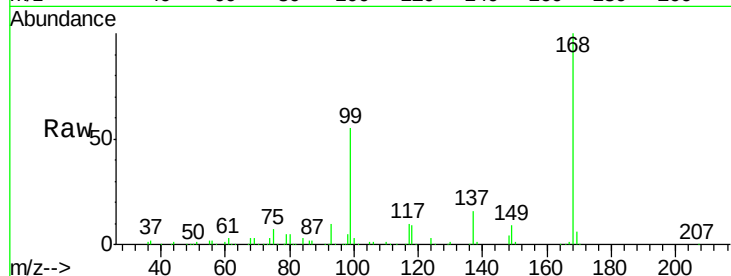
Q012-SB5

Tot Ion:168 Resp: 175978

Ion Ratio Lower Upper

168 100

99 54.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001308.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001308.D (-949) (-)

7.83

80000

60000

40000

20000

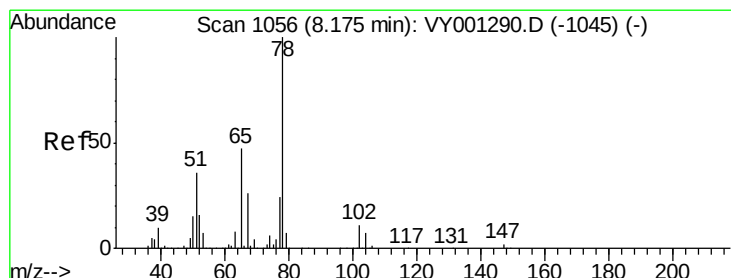
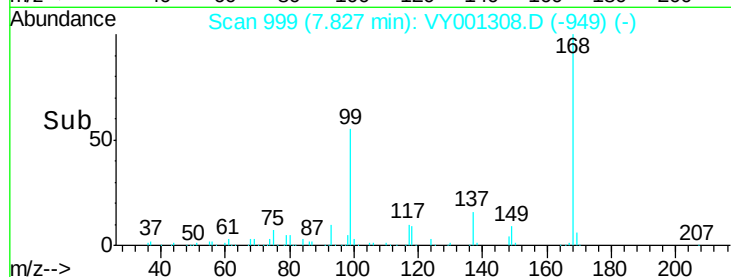
0

Time-->

7.70

7.80

7.90



#33

1,2-Dichloroethane-d4

Concen: 54.387 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VY001308.D

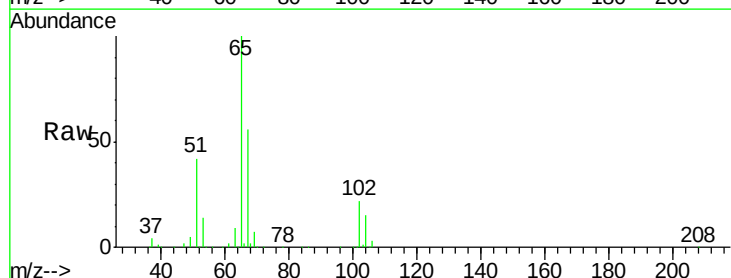
Acq: 20 Jan 2020 19:58

Tgt Ion: 65 Resp: 101085

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001308.D (-1007) (-)

Ion 66.90 (66.60 to 67.60): VY001308.D (-1007) (-)

8.17

50000

40000

30000

20000

10000

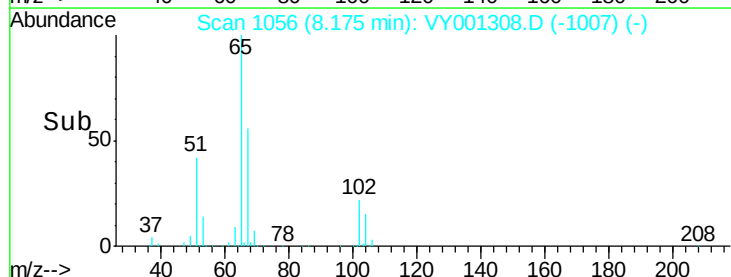
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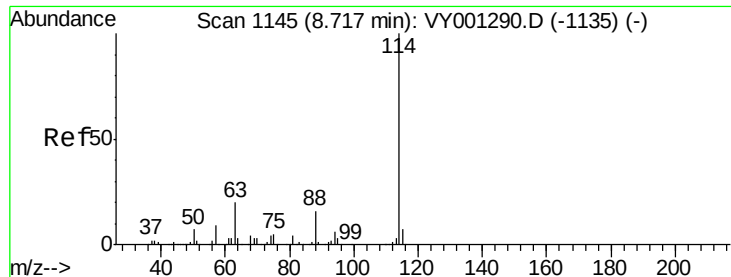
Time-->

8.10

8.20

8.30

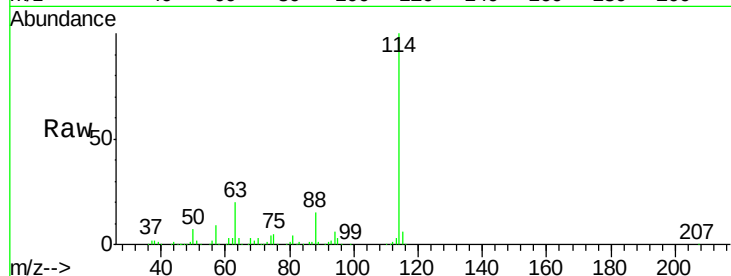




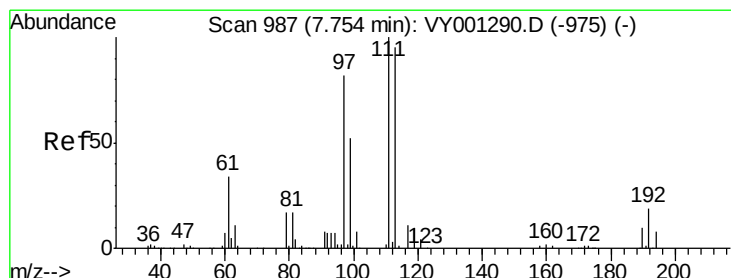
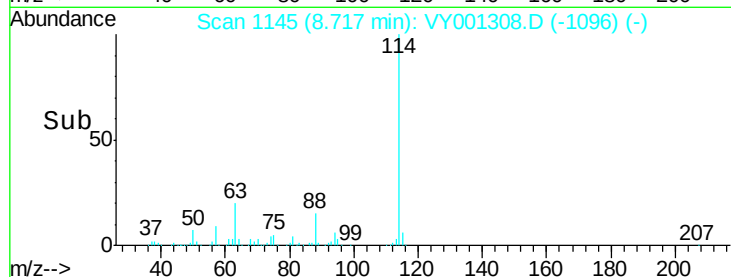
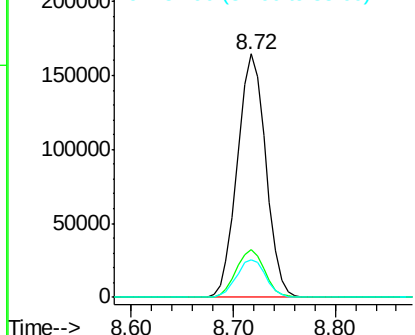
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VY001308.D
 Acq: 20 Jan 2020 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 Q012-SB5

Tot Ion:114 Resp: 317974
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.4 0.0 32.4

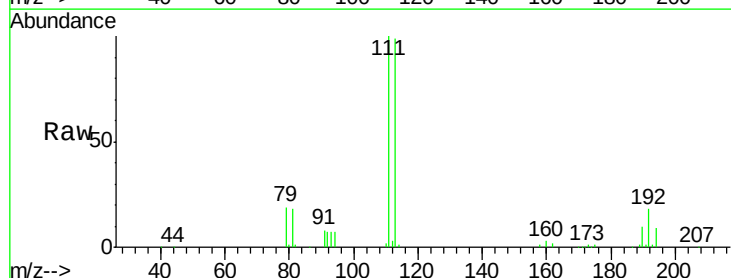


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

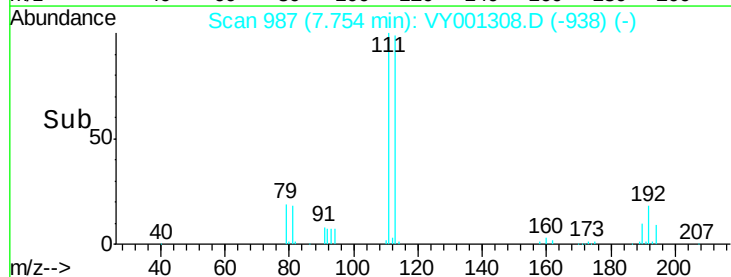
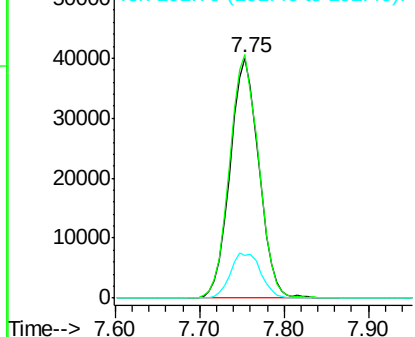


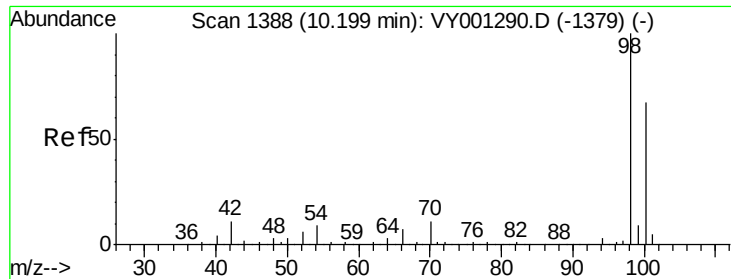
#35
 Dibromofluoromethane
 Concen: 49.728 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: VY001308.D
 Acq: 20 Jan 2020 19:58

Tgt Ion:113 Resp: 92581
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.9 124.3
 192 19.7 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





#50

Toluene-d8

Concen: 52.642 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VY001308.D

Acq: 20 Jan 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

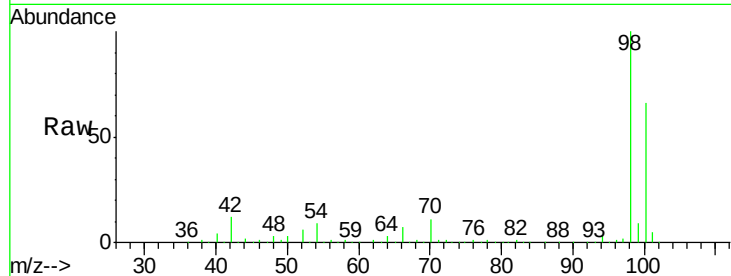
Q012-SB5

Tot Ion: 98 Resp: 377628

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.20

200000

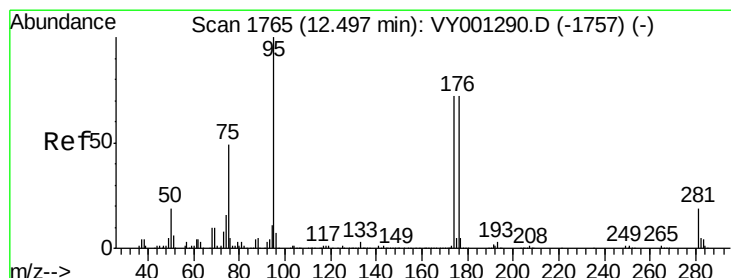
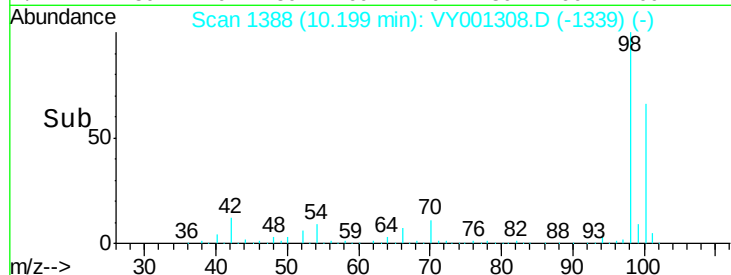
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.675 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.00 min

Lab File: VY001308.D

Acq: 20 Jan 2020 19:58

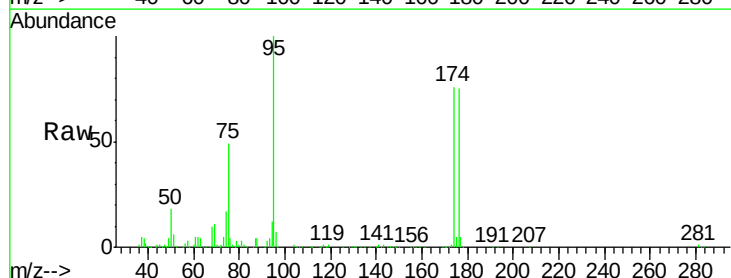
Tgt Ion: 95 Resp: 136887

Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.2

176 73.7 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

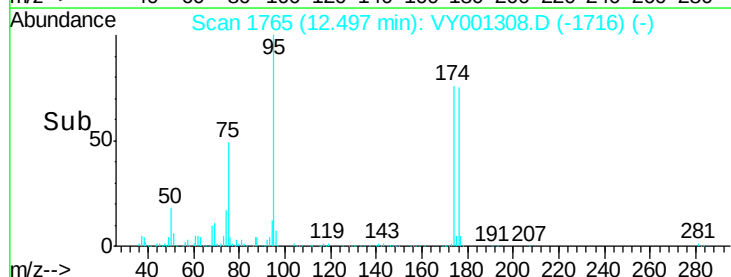
60000

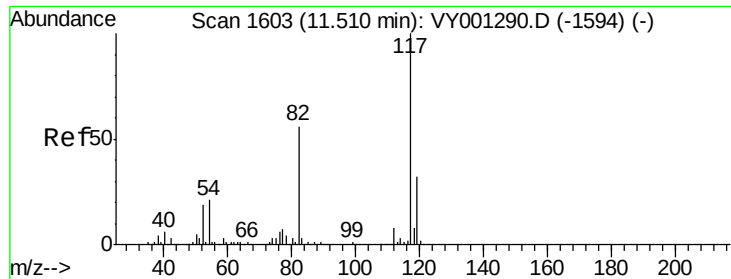
40000

20000

0

Time-->

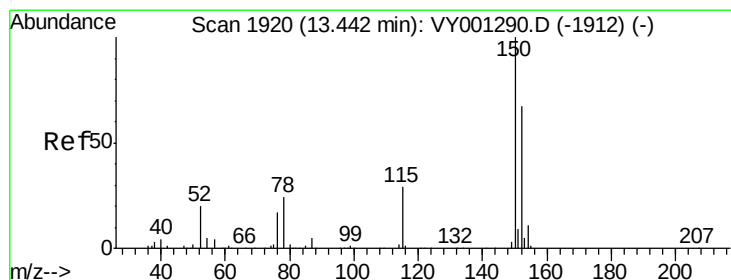
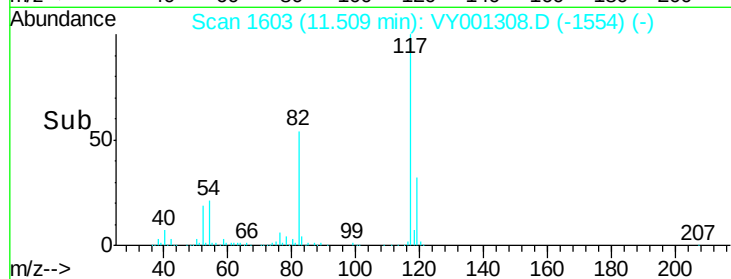
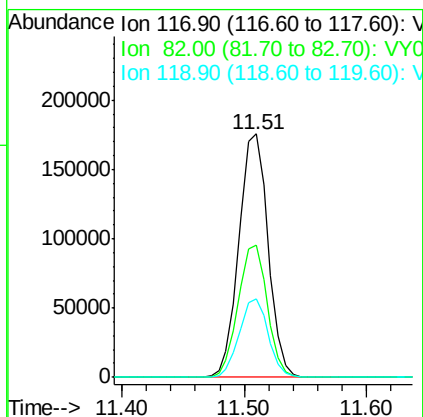
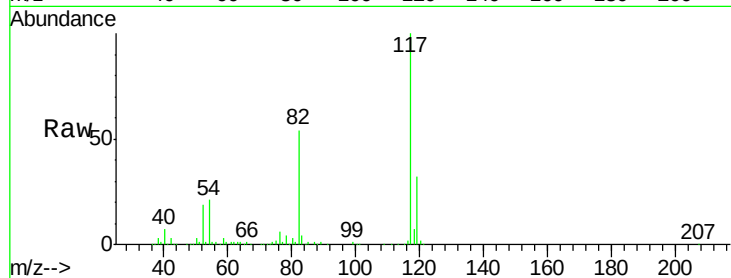




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VY001308.D
Acq: 20 Jan 2020 19:58

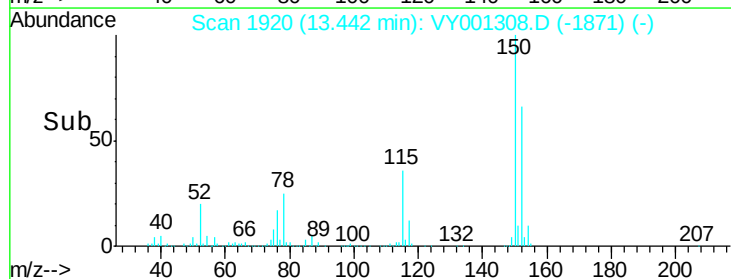
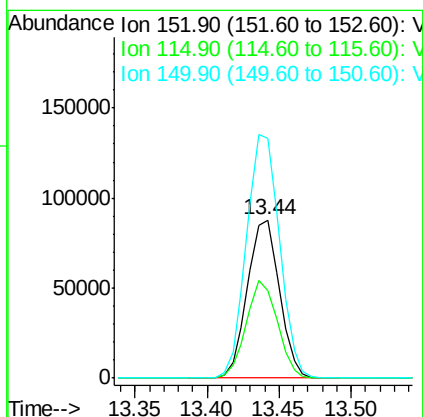
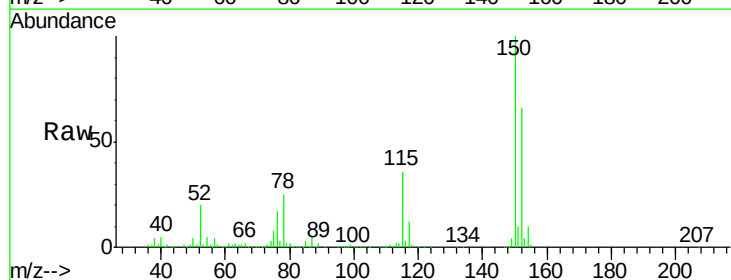
Instrument :
MSVOA_Y
ClientSampleId :
Q012-SB5

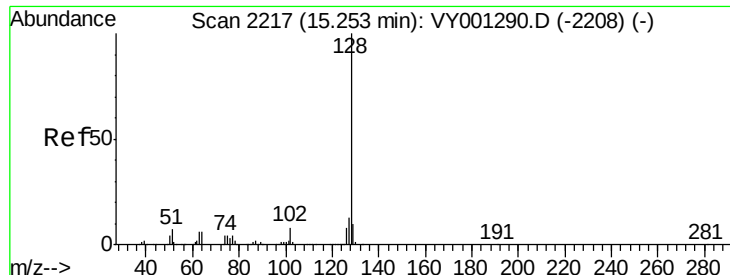
Tot Ion:117 Resp: 289606
Ion Ratio Lower Upper
117 100
82 54.3 44.9 67.3
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VY001308.D
Acq: 20 Jan 2020 19:58

Tgt Ion:152 Resp: 135500
Ion Ratio Lower Upper
152 100
115 60.5 30.9 92.5
150 158.5 0.0 346.8





#95

Naphthalene

Concen: 2.444 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.01 min

Lab File: VY001308.D

Acq: 20 Jan 2020 19:58

Instrument :

MSVOA_Y

ClientSampleId :

Q012-SB5

Tot Ion:128 Resp: 14830

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 12.3 8.5 12.7

