

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001632.D
 Acq On : 13 Feb 2020 17:36
 Operator : SY/MD
 Sample : L1525-01
 Misc : 7.72G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1A-(7.5-9.5)

Quant Time: Feb 14 07:03:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	161116	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	290676	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	258200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115919	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	91832	56.61	ug/l	0.00
Spiked Amount			Recovery	=	113.22%	
35) Dibromofluoromethane	7.75	113	83357	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
50) Toluene-d8	10.20	98	345982	54.56	ug/l	0.01
Spiked Amount			Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	117793	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	

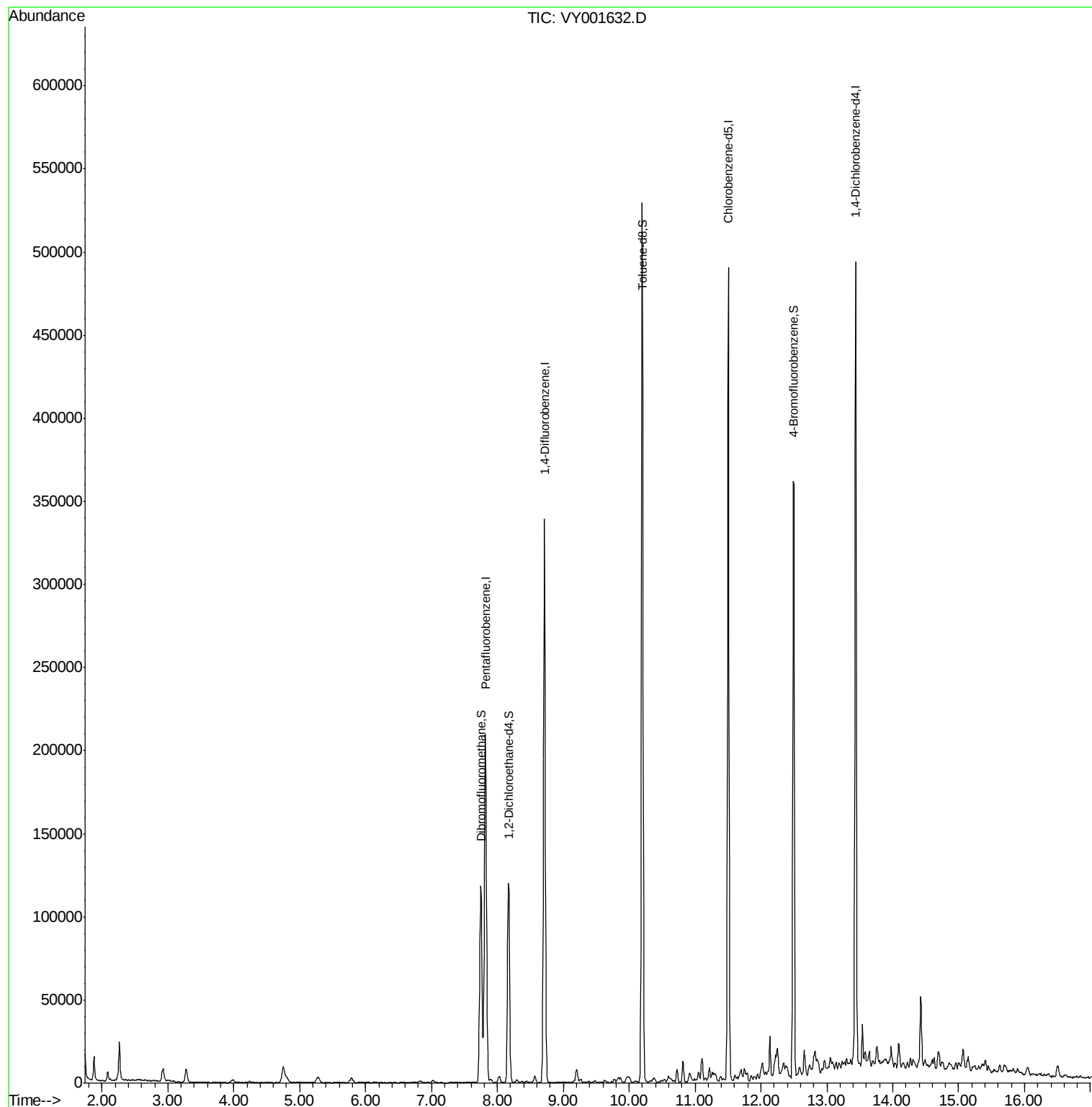
Target Compounds	Qvalue
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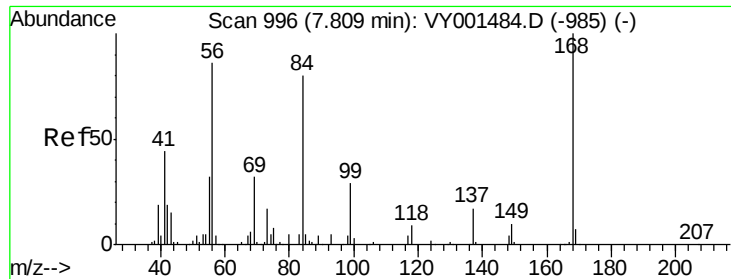
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Instrument :

MSVOA_Y

ClientSampleId :

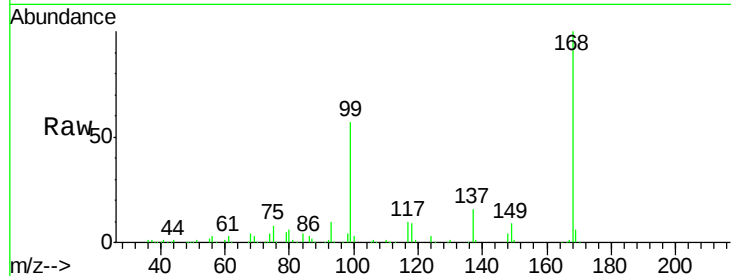
SB-1A-(7.5-9.5)

Tot Ion:168 Resp: 161116

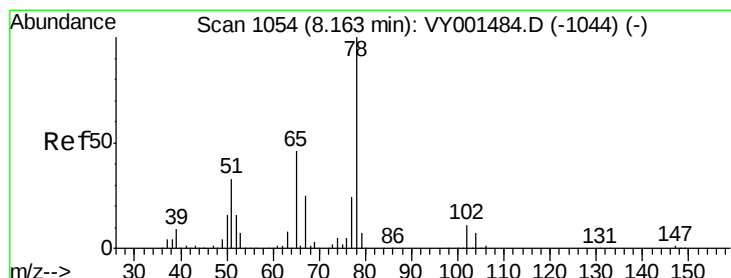
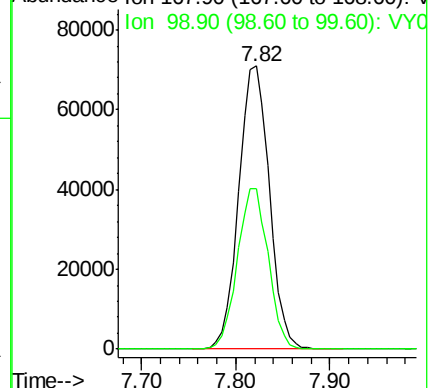
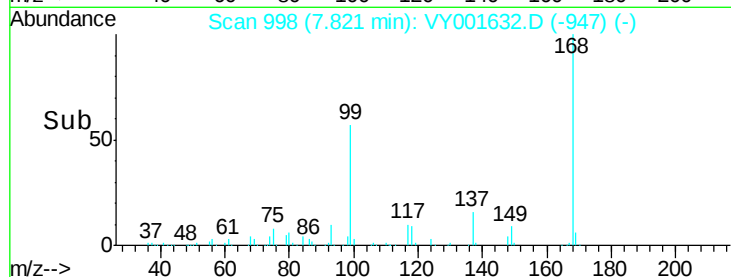
Ion Ratio Lower Upper

168 100

99 56.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001632.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.609 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001632.D

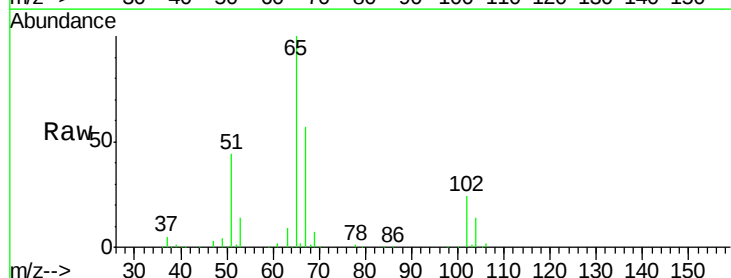
Acq: 13 Feb 2020 17:36

Tgt Ion: 65 Resp: 91832

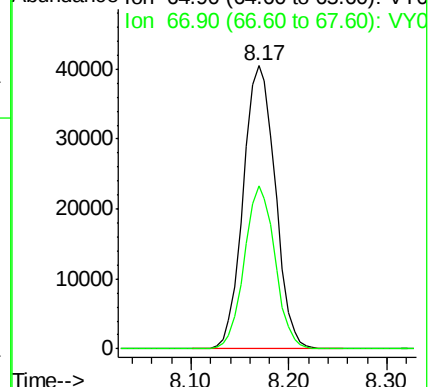
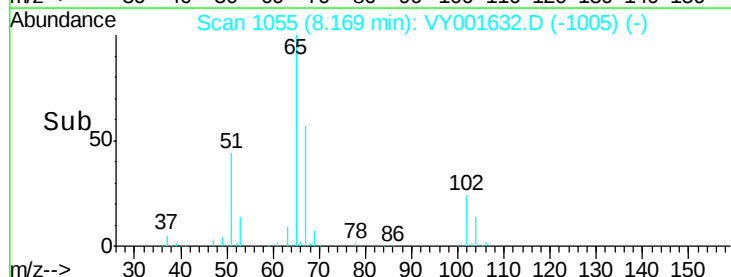
Ion Ratio Lower Upper

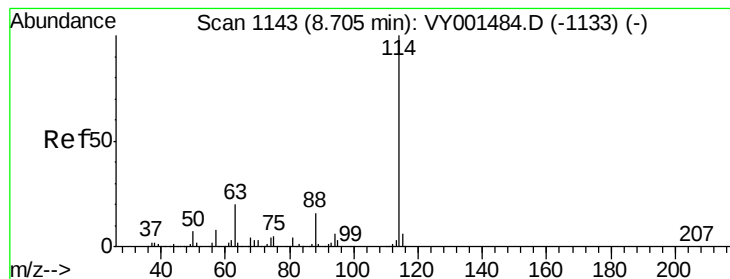
65 100

67 55.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001632.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-1A-(7.5-9.5)

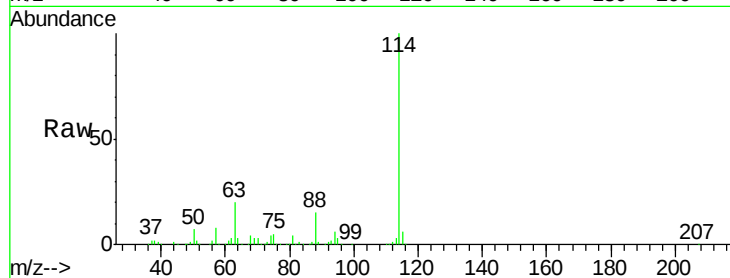
Tot Ion:114 Resp: 290676

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

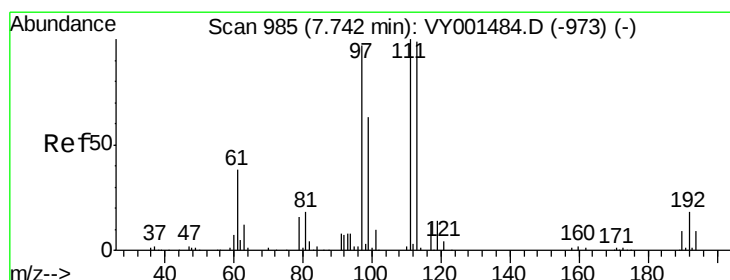
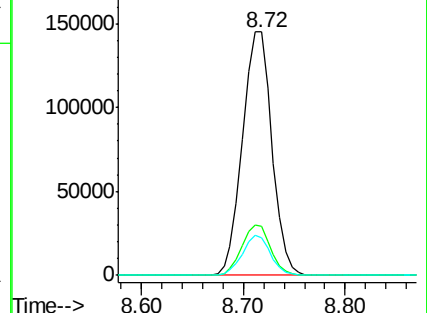
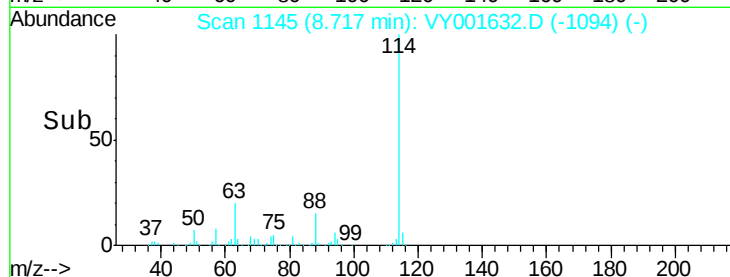
88 15.3 0.0 32.6



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: 49.730 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

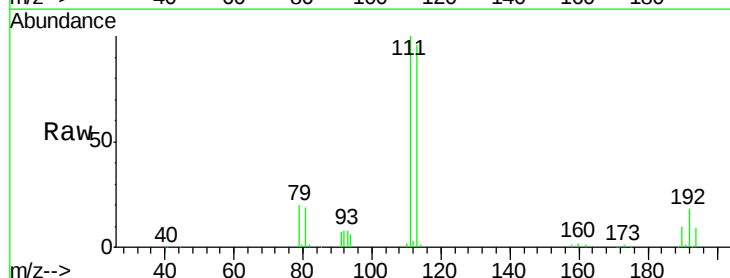
Tgt Ion:113 Resp: 83357

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

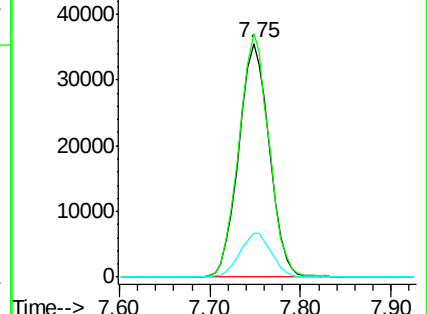
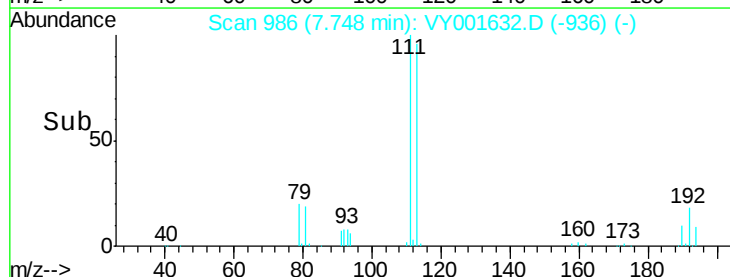
192 19.3 14.6 22.0

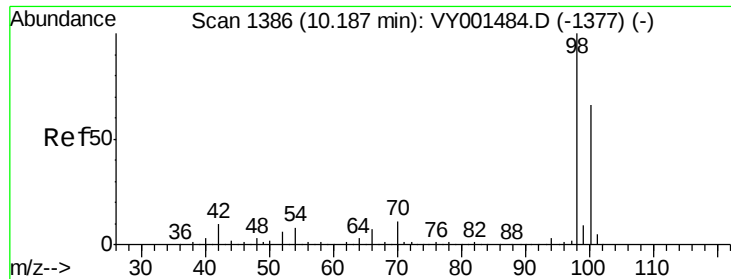


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.557 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

Instrument :

MSVOA_Y

ClientSampleId :

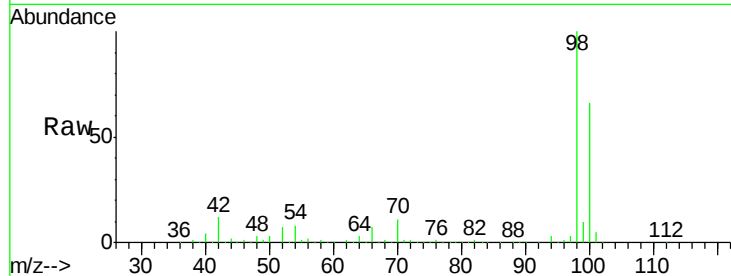
SB-1A-(7.5-9.5)

Tot Ion: 98 Resp: 345982

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001484.D (-1377) (-)

200000

150000

100000

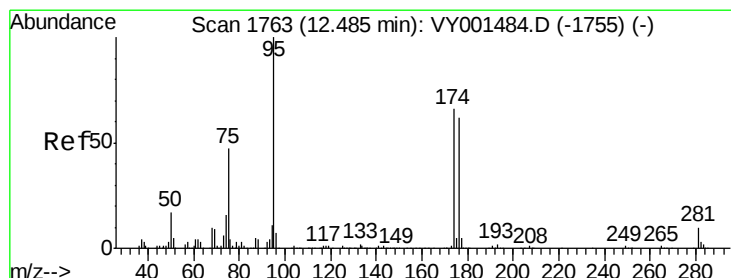
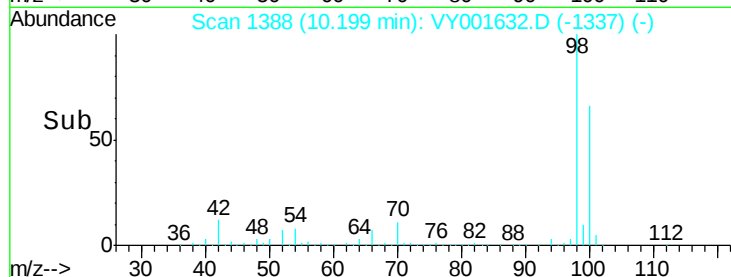
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 47.149 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001632.D

Acq: 13 Feb 2020 17:36

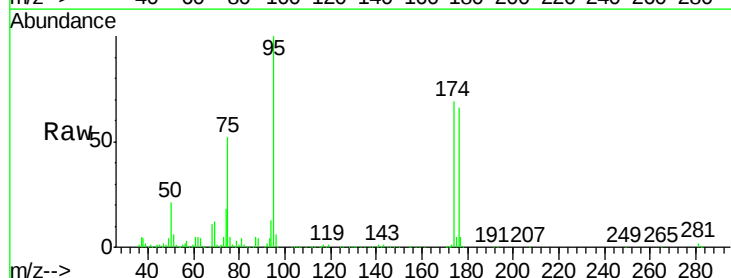
Tgt Ion: 95 Resp: 117793

Ion Ratio Lower Upper

95 100

174 73.5 0.0 141.4

176 72.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001484.D (-1755) (-)

100000

80000

60000

40000

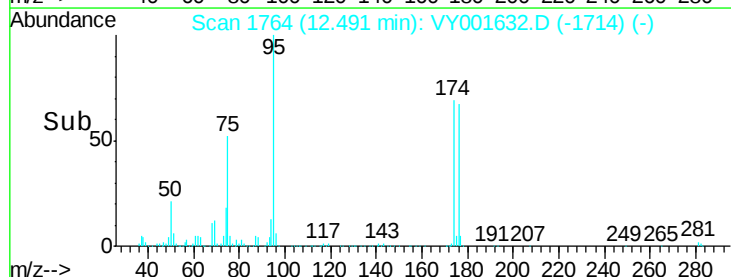
20000

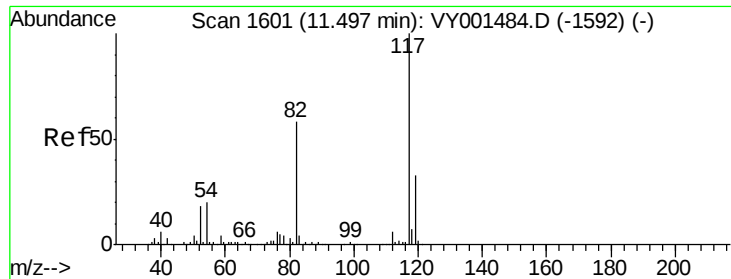
0

12.40

12.50

Time-->

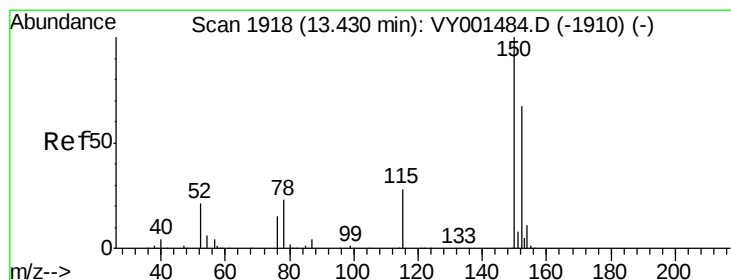
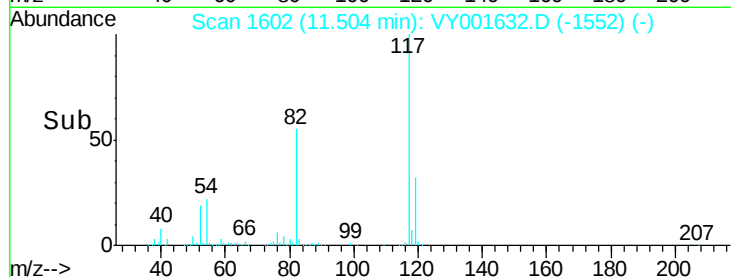
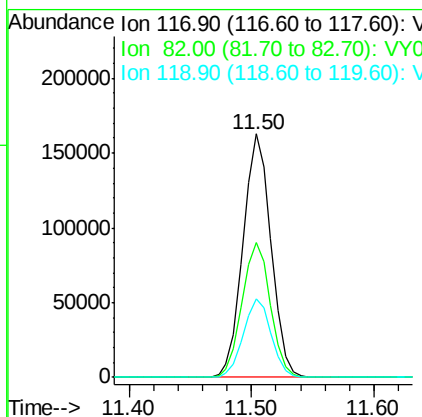
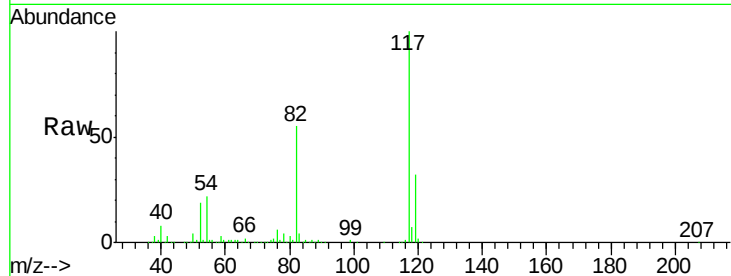




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001632.D
Acq: 13 Feb 2020 17:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-1A-(7.5-9.5)

Tot Ion:117 Resp: 258200
Ion Ratio Lower Upper
117 100
82 55.3 46.1 69.1
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001632.D
Acq: 13 Feb 2020 17:36

Tgt Ion:152 Resp: 115919
Ion Ratio Lower Upper
152 100
115 60.1 31.4 94.3
150 158.4 0.0 346.8

