

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001216.D
 Acq On : 15 Jan 2020 14:32
 Operator : SY/MD
 Sample : L1125-02
 Misc : 7.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-25A-(6.5-7)

Quant Time: Jan 16 05:27:53 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

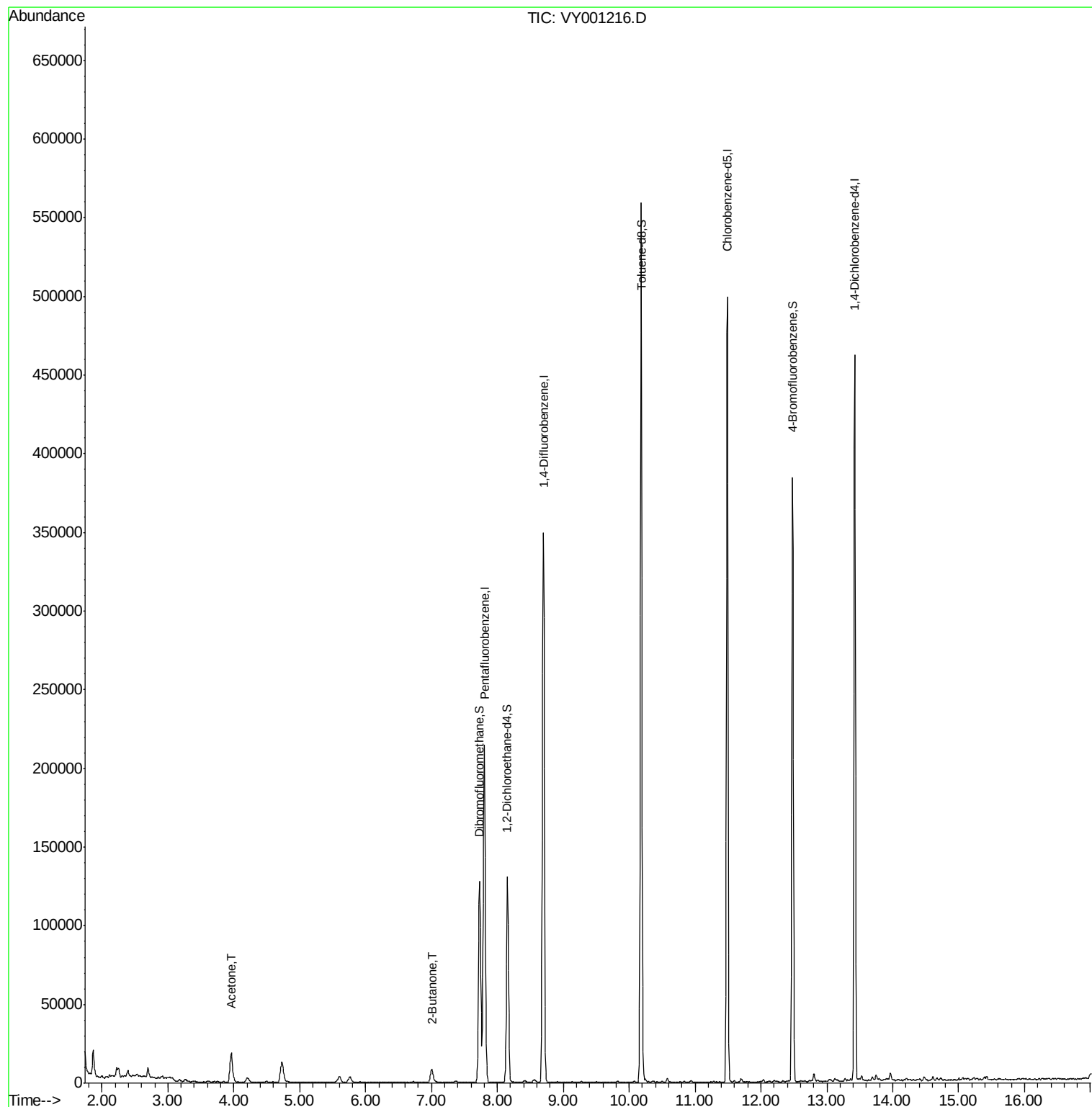
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	309105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	274714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	112551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	94759	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	7.73	113	91724	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.18	98	358601	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.48	95	125060	43.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.74%	
Target Compounds						
16) Acetone	3.96	43	31338	75.199	ug/l	99
25) 2-Butanone	7.01	43	13935	21.485	ug/l	98

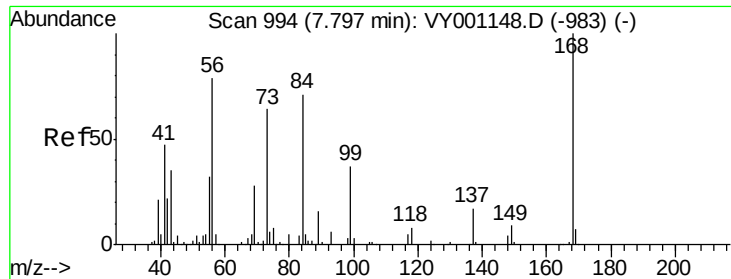
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

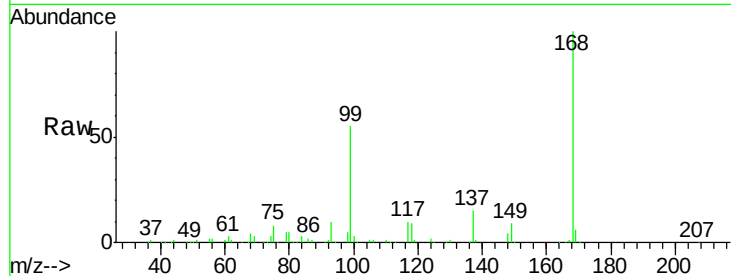
FESB-25A-(6.5-7)

Tot Ion:168 Resp: 169895

Ion Ratio Lower Upper

168 100

99 55.5 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

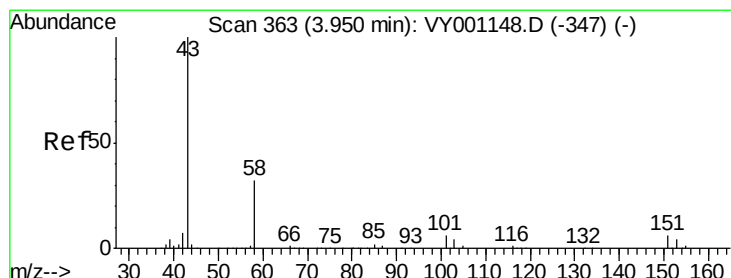
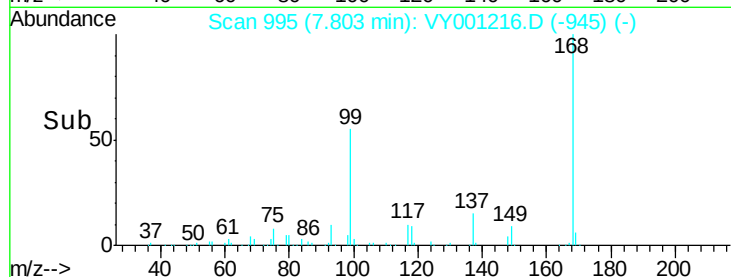
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 75.199 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001216.D

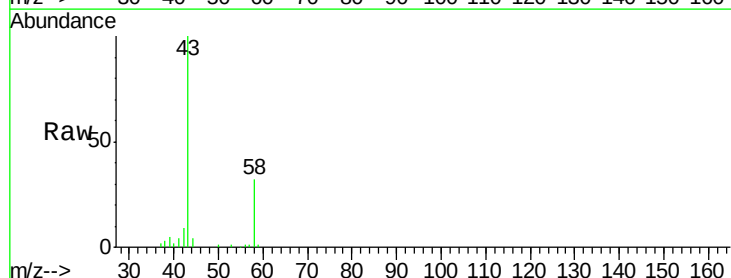
Acq: 15 Jan 2020 14:32

Tgt Ion: 43 Resp: 31338

Ion Ratio Lower Upper

43 100

58 32.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.96

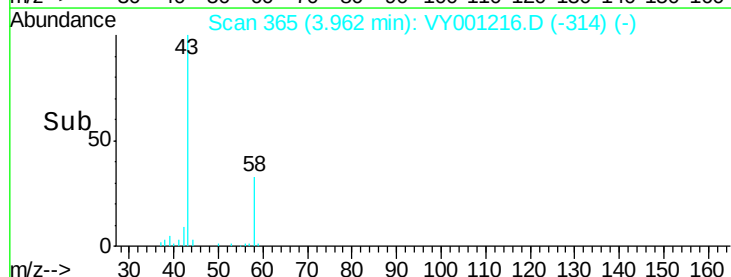
10000

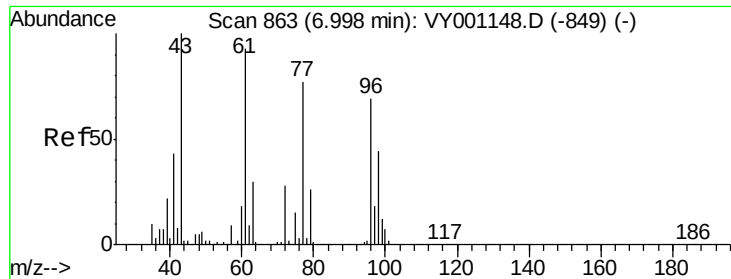
5000

0

3.80 3.90 4.00 4.10

Time-->





#25

2-Butanone

Concen: 21.485 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

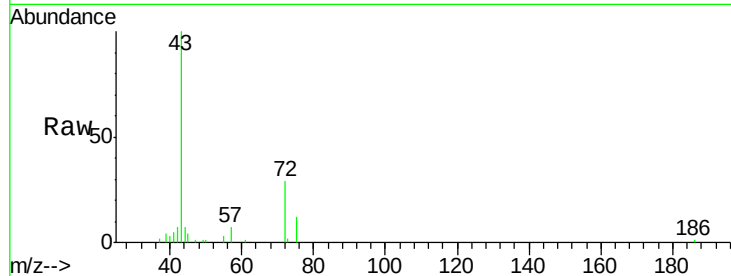
FESB-25A-(6.5-7)

Tot Ion: 43 Resp: 13935

Ion Ratio Lower Upper

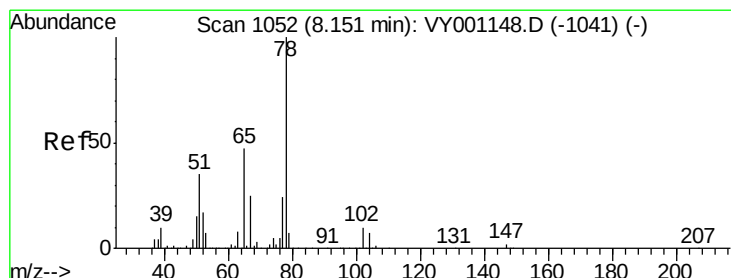
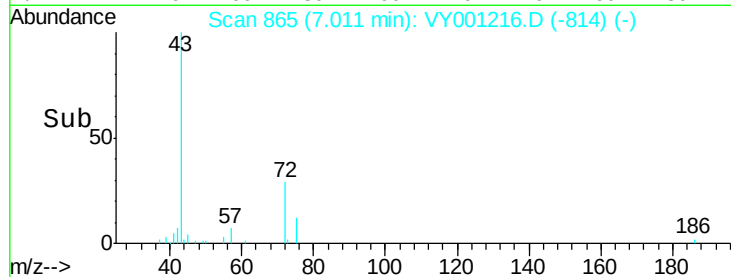
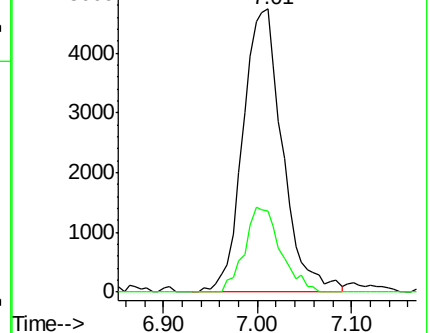
43 100

72 28.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 52.809 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001216.D

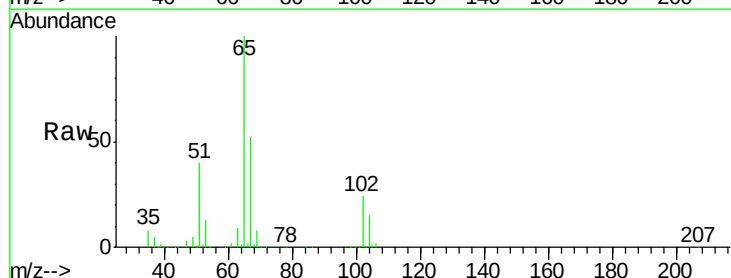
Acq: 15 Jan 2020 14:32

Tgt Ion: 65 Resp: 94759

Ion Ratio Lower Upper

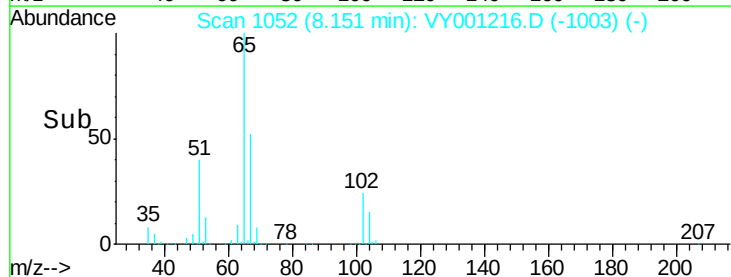
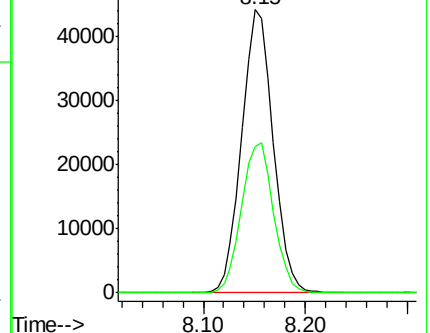
65 100

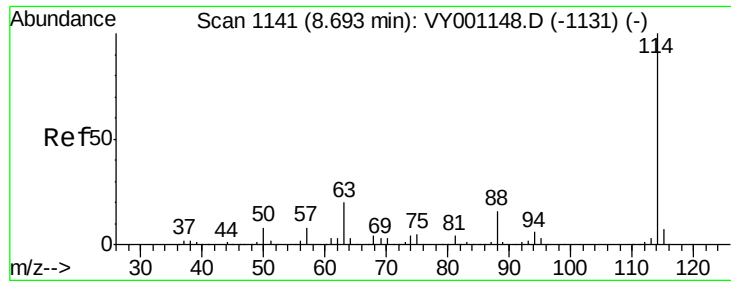
67 54.1 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

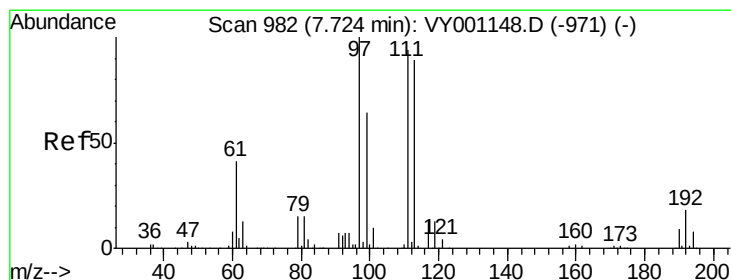
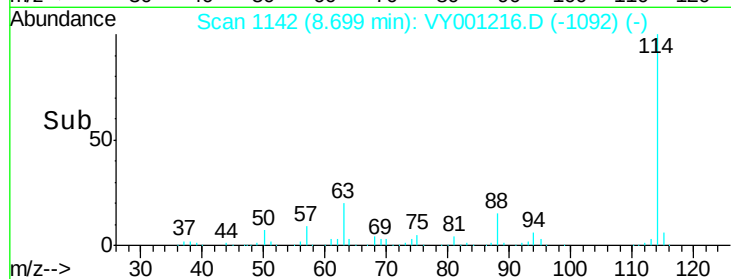
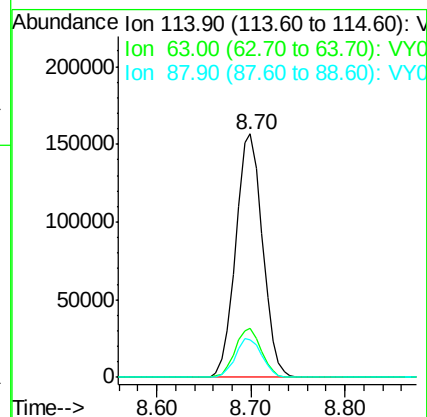
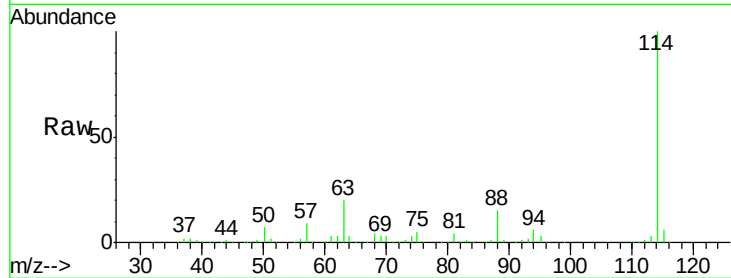




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. 0.01 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

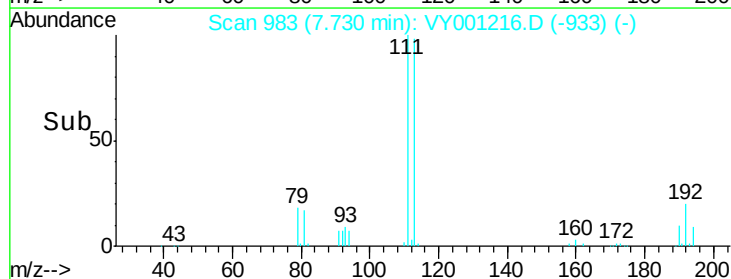
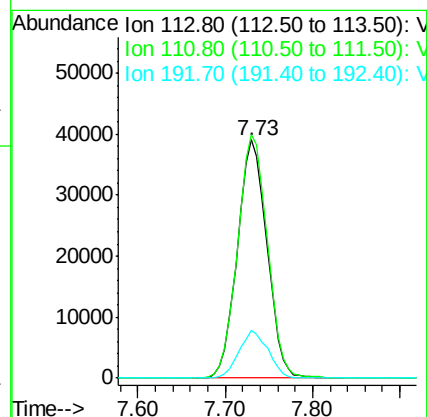
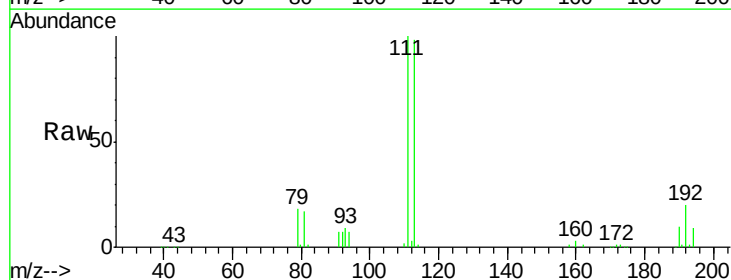
Instrument :
MSVOA_Y
ClientSampleId :
FESB-25A-(6.5-7)

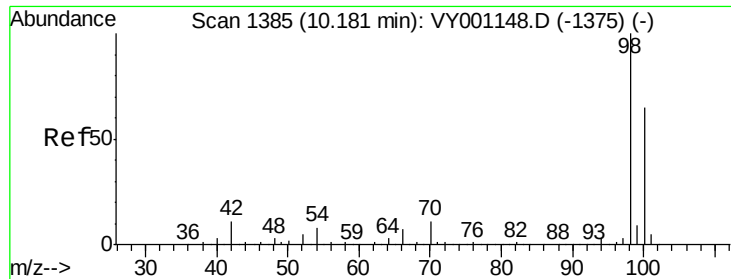
Tot Ion:114 Resp: 309105
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.682 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Tgt Ion:113 Resp: 91724
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 19.6 15.4 23.2





#50

Toluene-d8

Concen: 51.424 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

Instrument :

MSVOA_Y

ClientSampleId :

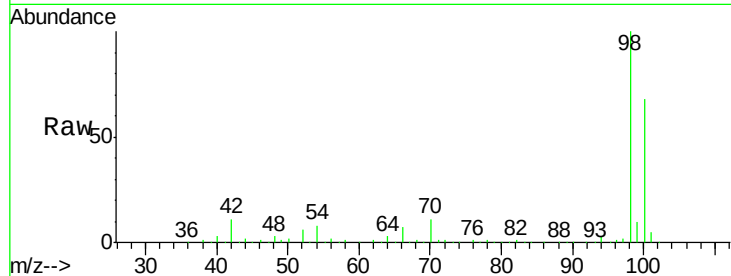
FESB-25A-(6.5-7)

Tot Ion: 98 Resp: 358601

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001216.D (-1336) (-)

10.18

250000

200000

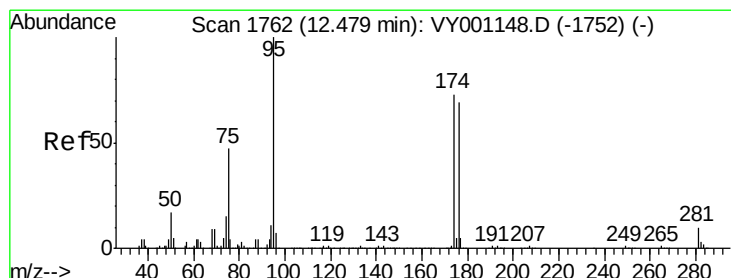
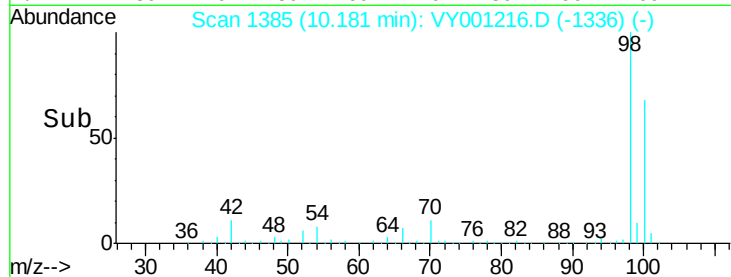
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.866 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001216.D

Acq: 15 Jan 2020 14:32

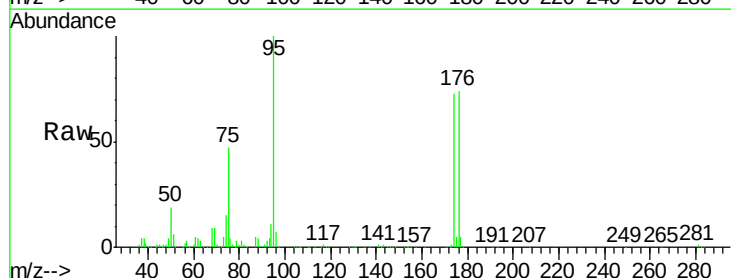
Tgt Ion: 95 Resp: 125060

Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.2

176 73.3 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001216.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY001216.D (-1713) (-)

12.48

100000

80000

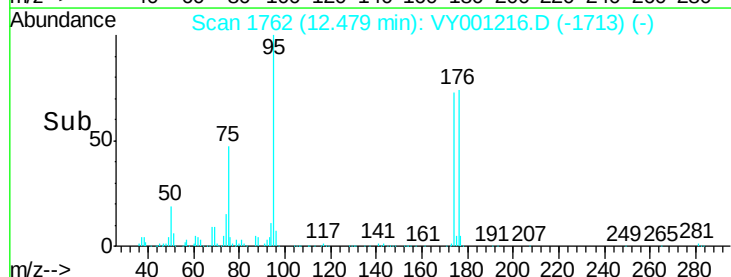
60000

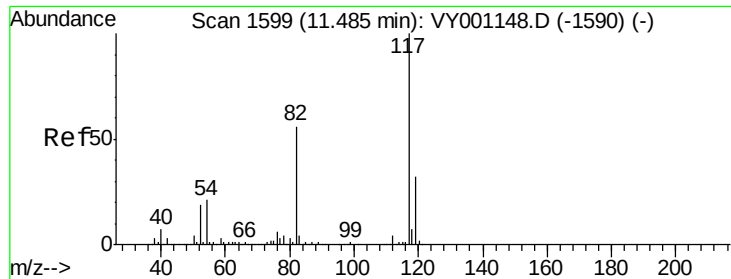
40000

20000

0

Time-->

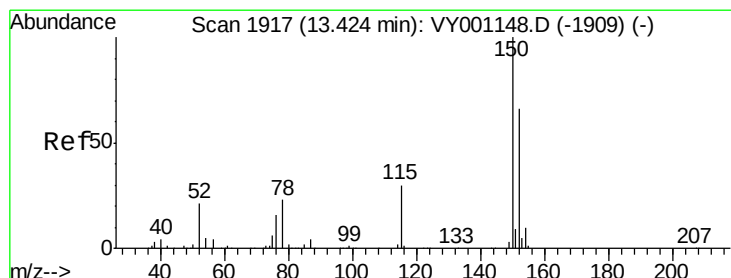
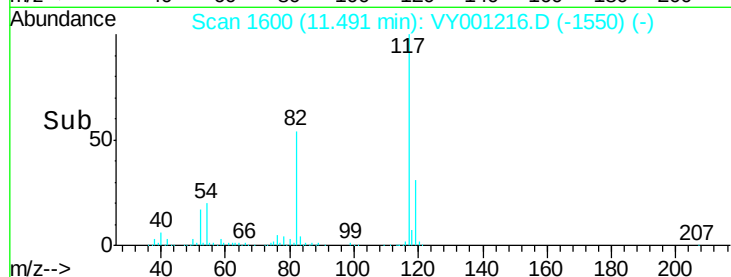
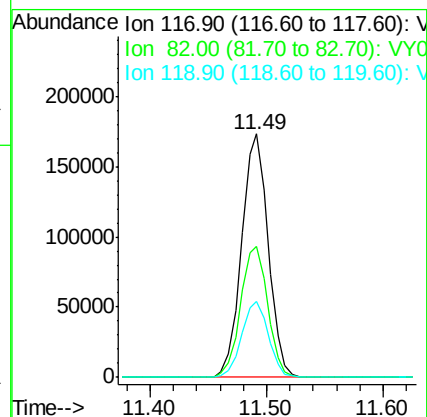
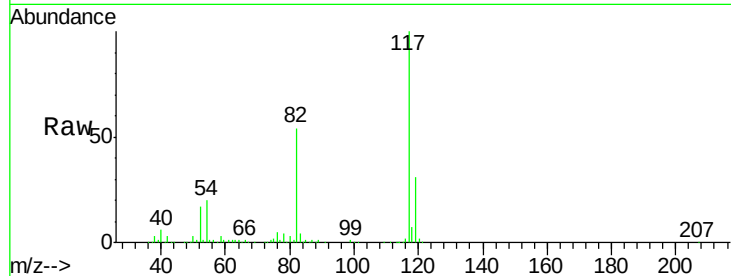




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Instrument :
MSVOA_Y
ClientSampleId :
FESB-25A-(6.5-7)

Tot Ion:117 Resp: 274714
Ion Ratio Lower Upper
117 100
82 53.6 44.9 67.3
119 30.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001216.D
Acq: 15 Jan 2020 14:32

Tgt Ion:152 Resp: 112551
Ion Ratio Lower Upper
152 100
115 58.6 30.9 92.5
150 157.7 0.0 346.8

