

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011520\
 Data File : VY001219.D
 Acq On : 15 Jan 2020 15:39
 Operator : SY/MD
 Sample : L1125-05
 Misc : 7.37G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-33-(3.5-4)

Quant Time: Jan 16 05:45:51 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

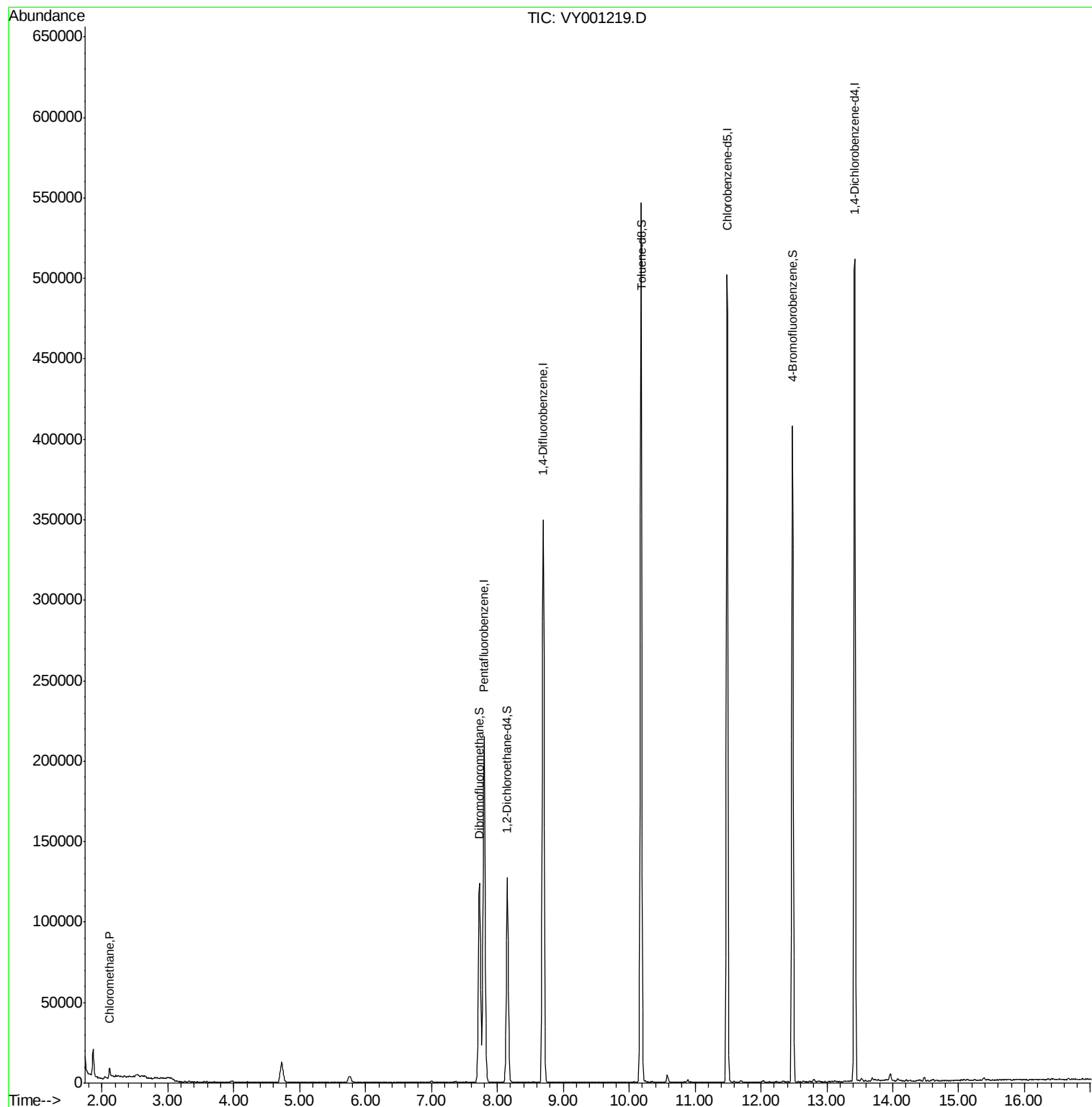
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	305097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	275492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	131457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	93778	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	7.73	113	89751	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.18	98	357909	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.48	95	134148	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
Target Compounds						
3) Chloromethane	2.12	50	5220	2.784	ug/l	Qvalue 95

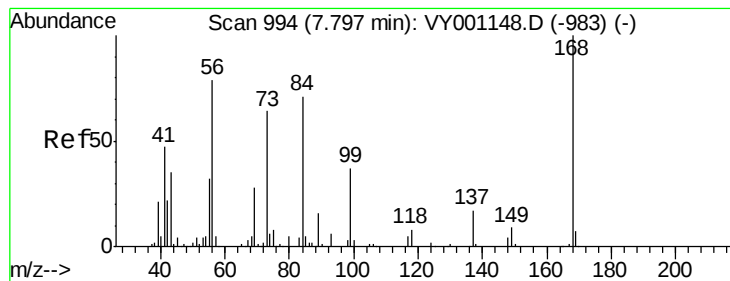
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001219.D

Acq: 15 Jan 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

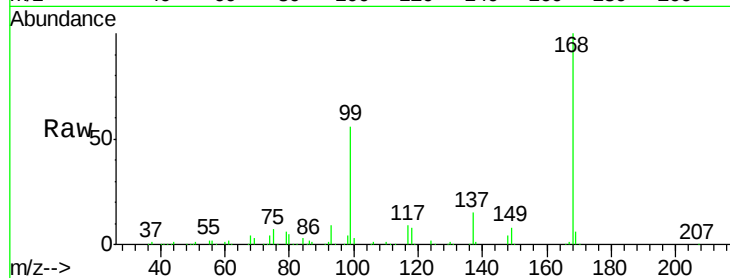
FESB-33-(3.5-4)

Tot Ion:168 Resp: 169360

Ion Ratio Lower Upper

168 100

99 55.7 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

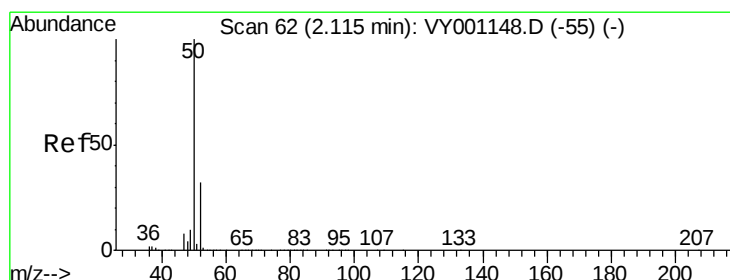
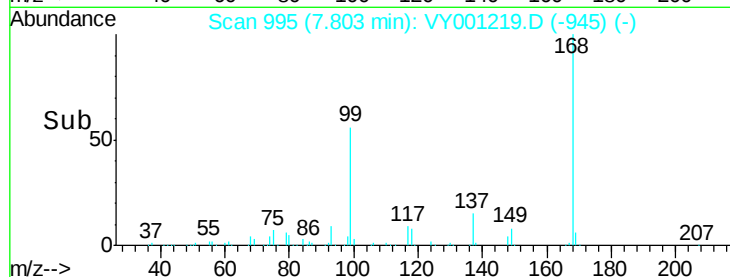
0

7.70

7.80

7.90

Time-->



#3

Chloromethane

Concen: 2.784 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY001219.D

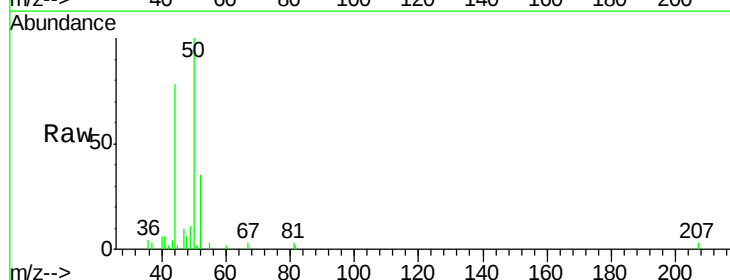
Acq: 15 Jan 2020 15:39

Tgt Ion: 50 Resp: 5220

Ion Ratio Lower Upper

50 100

52 35.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001148.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY001148.D (-55) (-)

2.12

3000

2000

1000

0

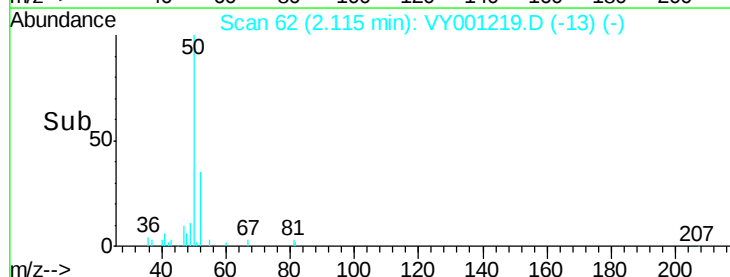
2.05

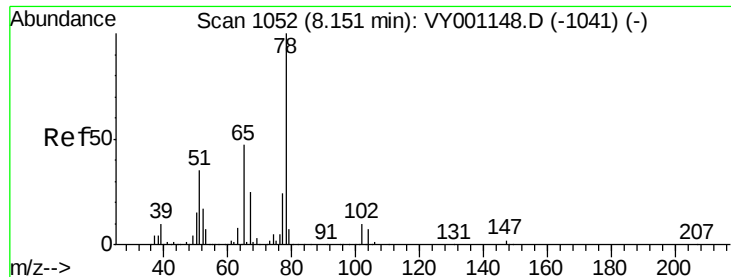
2.10

2.15

2.20

Time-->

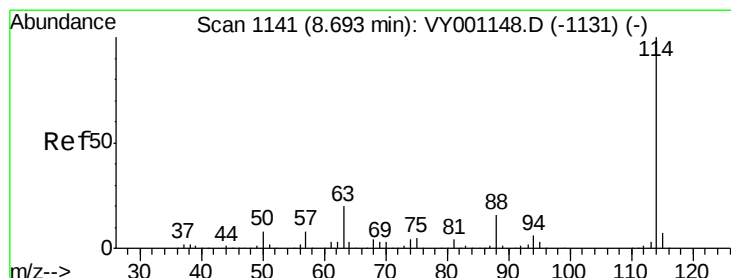
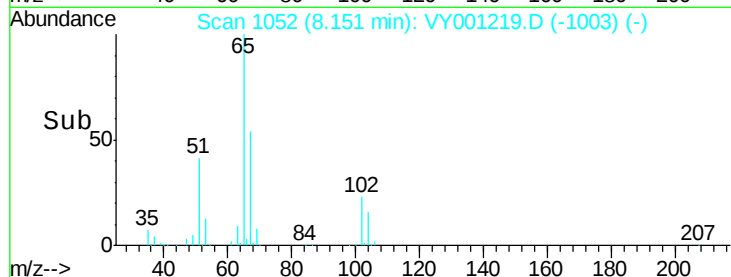
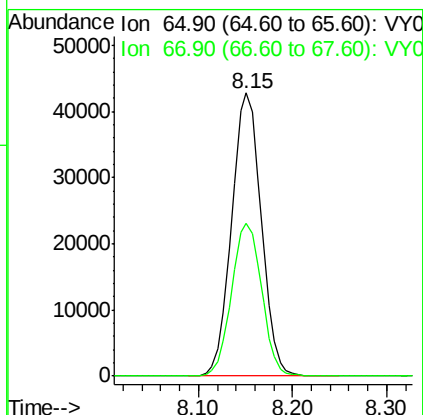
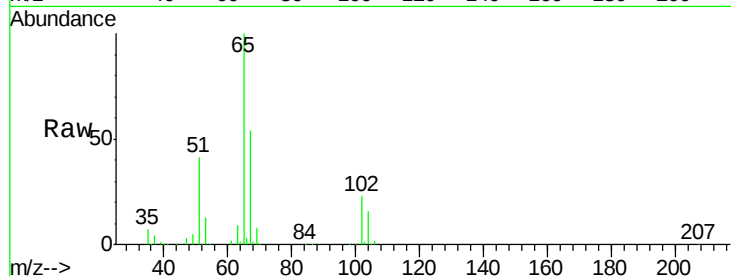




#33
 1,2-Dichloroethane-d4
 Concen: 52.427 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001219.D
 Acq: 15 Jan 2020 15:39

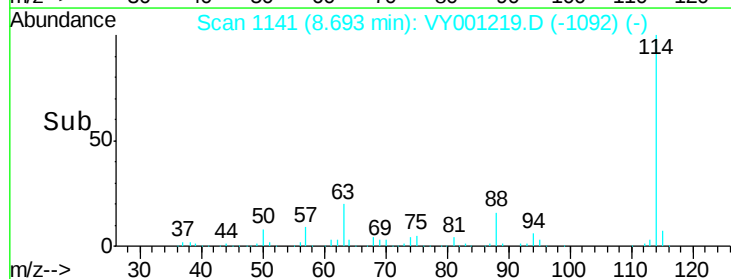
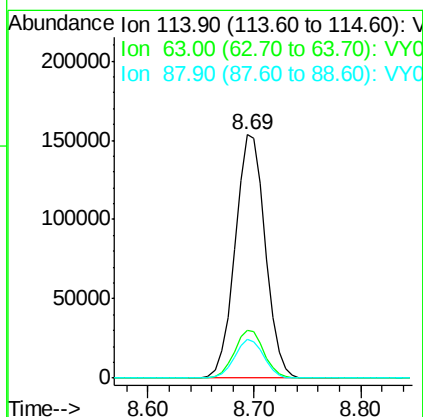
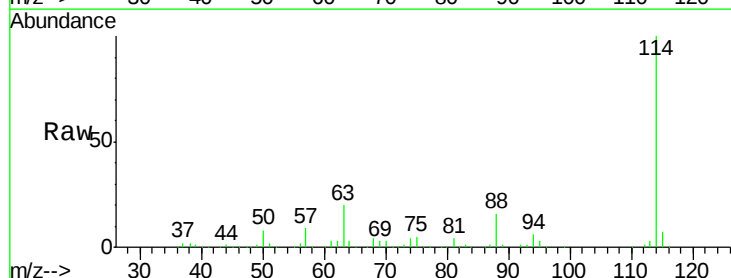
Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-33-(3.5-4)

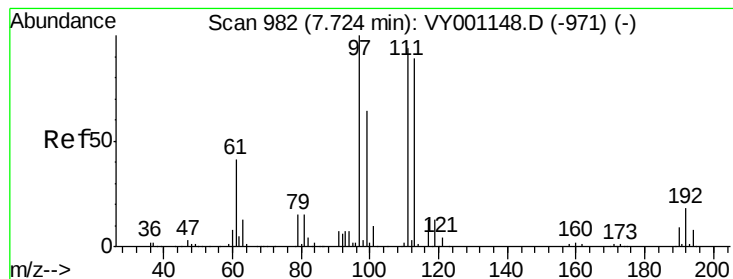
Tot Ion: 65 Resp: 93778
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001219.D
 Acq: 15 Jan 2020 15:39

Tgt Ion: 114 Resp: 305097
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.243 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001219.D

Acq: 15 Jan 2020 15:39

Instrument :

MSVOA_Y

ClientSampleId :

FESB-33-(3.5-4)

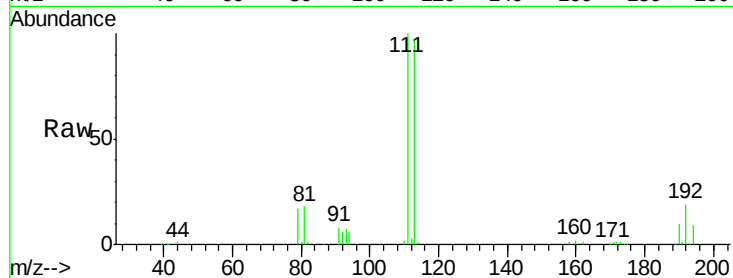
Tot Ion:113 Resp: 89751

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

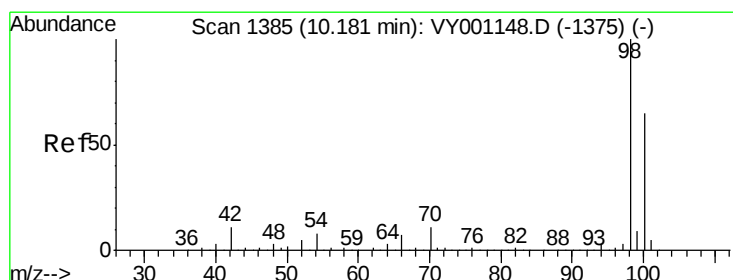
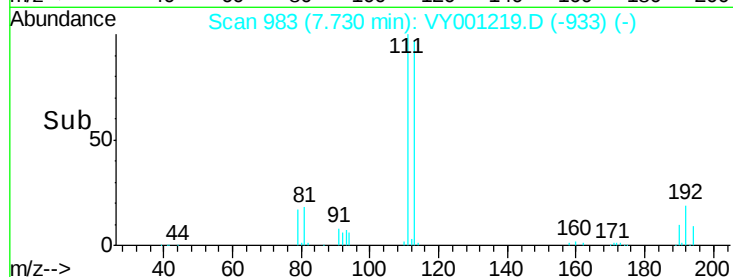
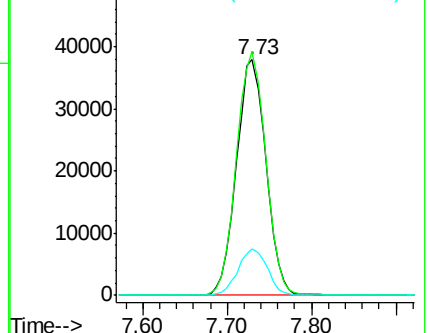
192 19.6 15.4 23.2



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: 51.999 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001219.D

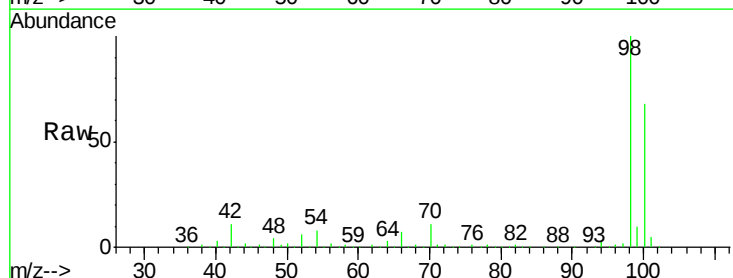
Acq: 15 Jan 2020 15:39

Tgt Ion: 98 Resp: 357909

Ion Ratio Lower Upper

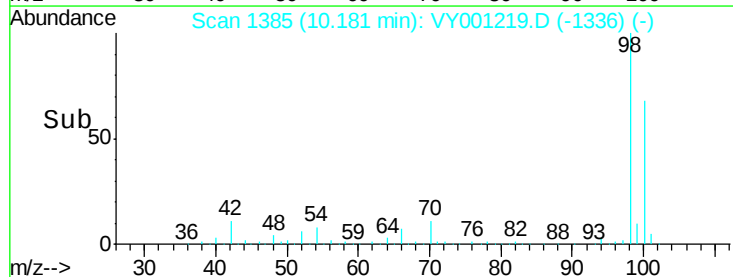
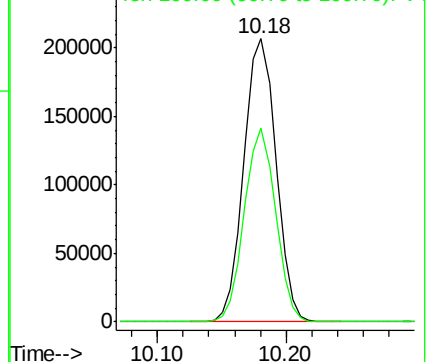
98 100

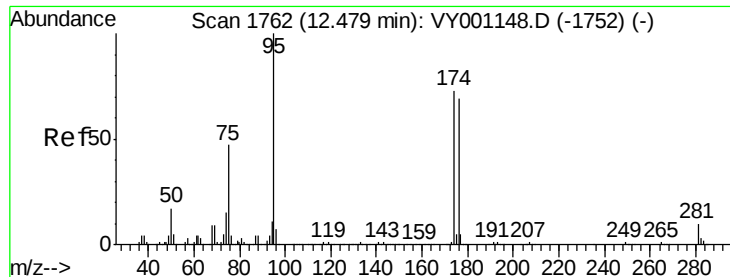
100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

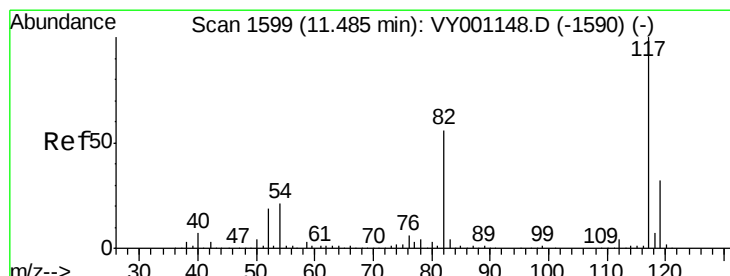
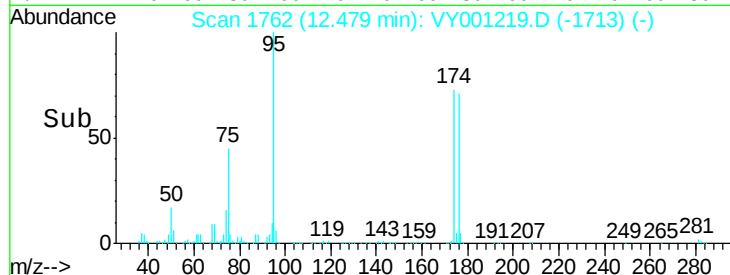
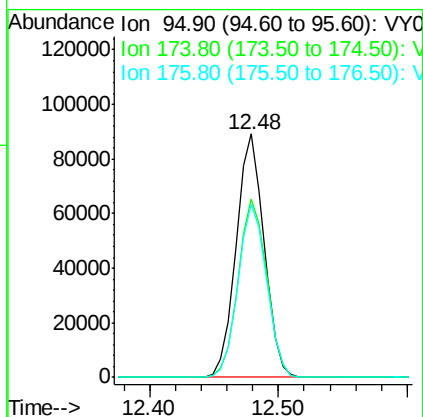
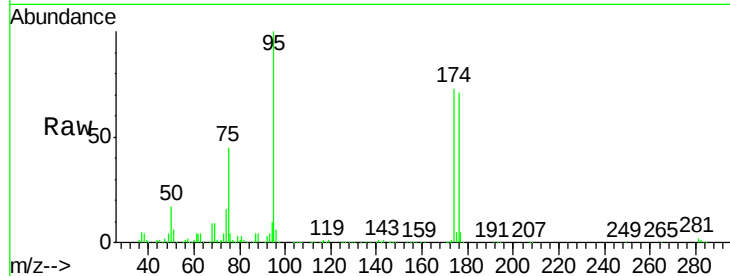




#62
4-Bromofluorobenzene
Concen: 47.672 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001219.D
Acq: 15 Jan 2020 15:39

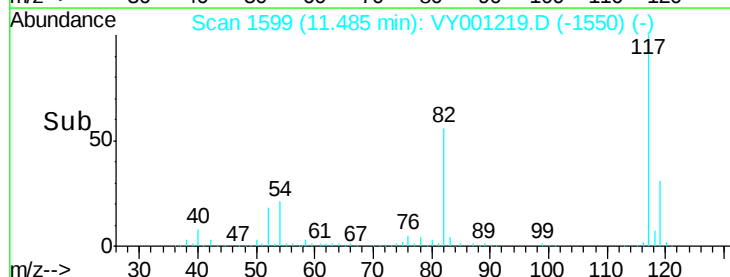
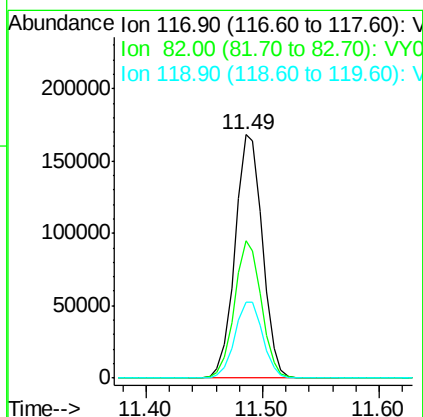
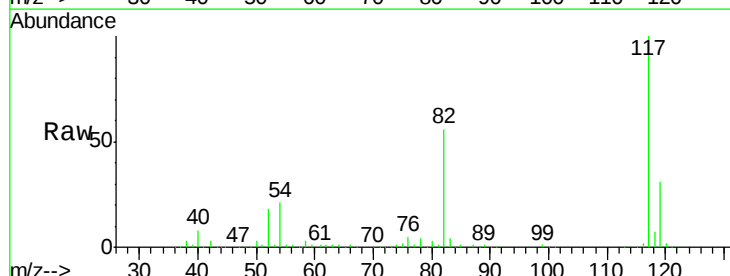
Instrument :
MSVOA_Y
ClientSampleId :
FESB-33-(3.5-4)

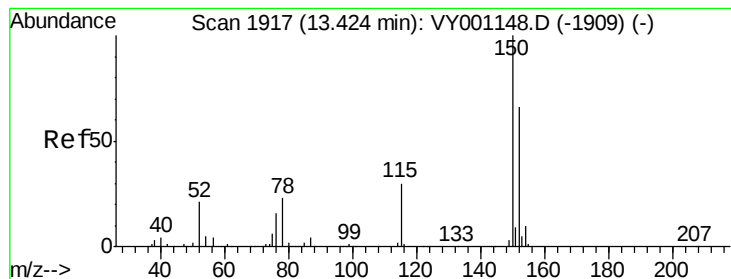
Tot Ion	95	Resp	134148
Ion Ratio	100		
Lower			
Upper			
174	74.4	0.0	143.2
176	72.3	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001219.D
Acq: 15 Jan 2020 15:39

Tgt Ion	117	Resp	275492
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	56.3	44.9	67.3
119	31.4	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: VY001219.D
Acq: 15 Jan 2020 15:39

Instrument :
MSVOA_Y
ClientSampleId :
FESB-33-(3.5-4)

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.9	92.5
150	157.1	0.0	346.8

