

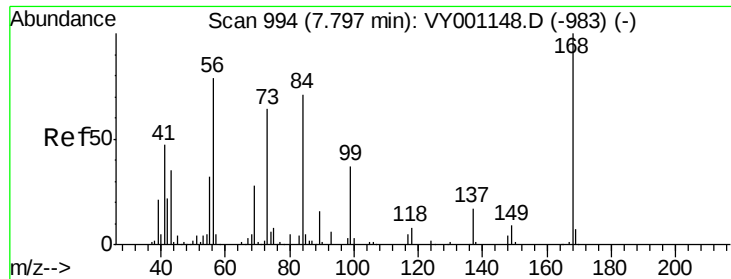
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001218.D
 Acq On : 15 Jan 2020 15:17
 Operator : SY/MD
 Sample : L1125-04
 Misc : 7.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-21A-(2.5-3)

Quant Time: Jan 16 04:50:41 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	167934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	297052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	266321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	119098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90859	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.73	113	87169	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	10.18	98	351019	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.48	95	126022	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
20) Methylene Chloride	4.74	84	8977	Below Cal	#	79
31) Cyclohexane	7.80	56	3651	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12683	4.684	ug/l #	48
38) Carbon Tetrachloride	7.80	117	16034	6.462	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	61240	48.033	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	61240	81.454	ug/l #	6

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY001218.D

Acq: 15 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

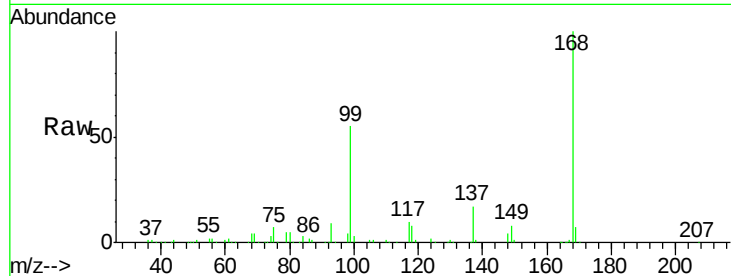
FESB-21A-(2.5-3)

Tgt Ion:168 Resp: 167934

Ion Ratio Lower Upper

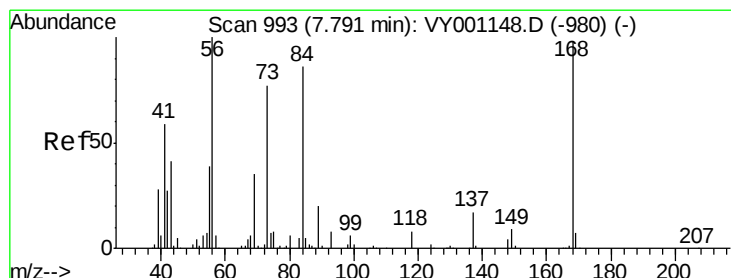
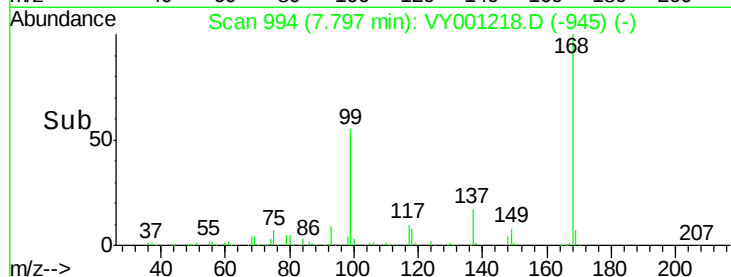
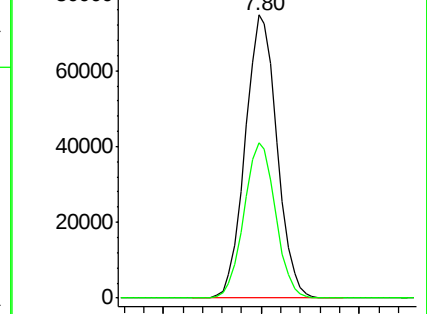
168 100

99 54.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001218.D

Acq: 15 Jan 2020 15:17

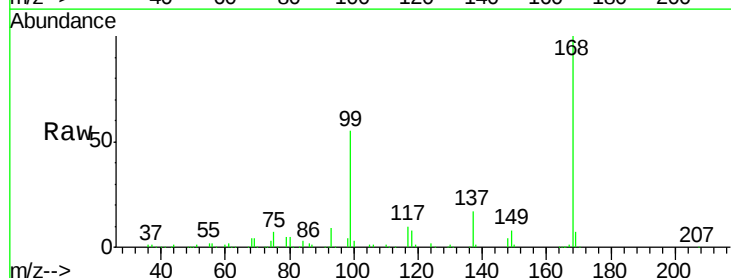
Tgt Ion: 56 Resp: 3651

Ion Ratio Lower Upper

56 100

69 167.6 27.8 41.8#

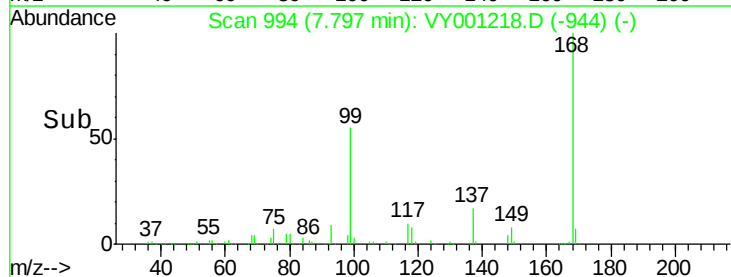
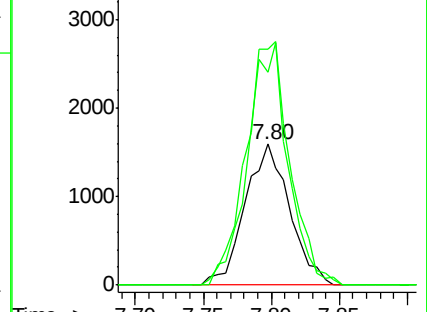
84 150.5 68.9 103.3#

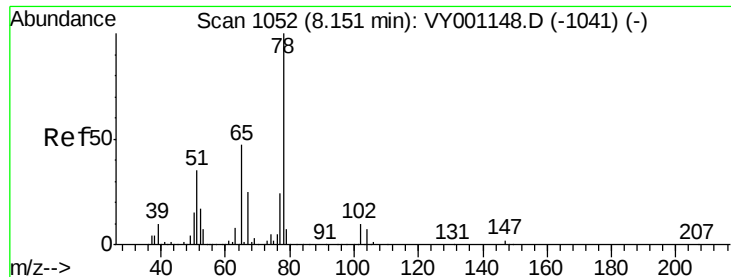


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 51.226 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001218.D

Acq: 15 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

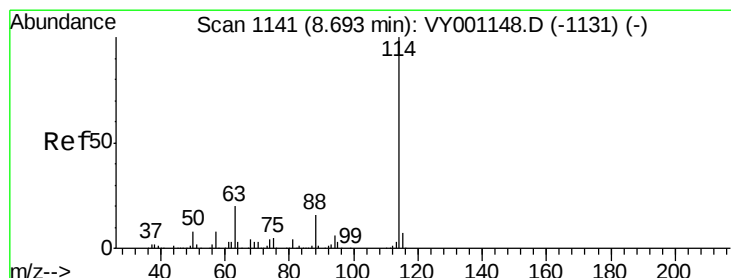
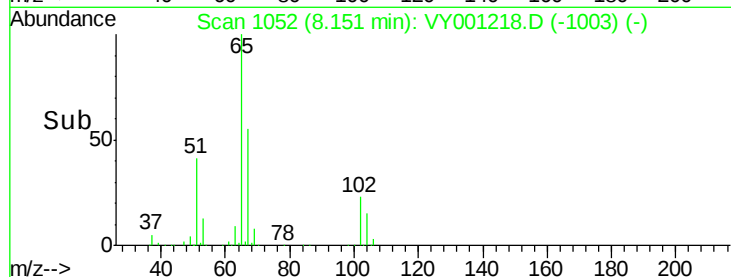
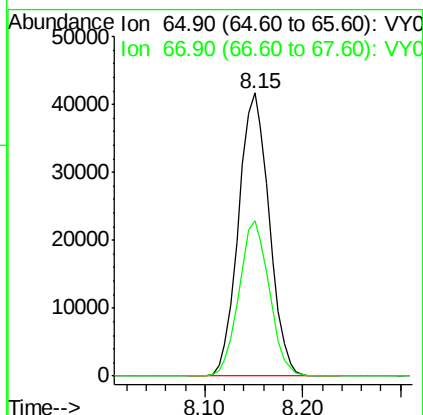
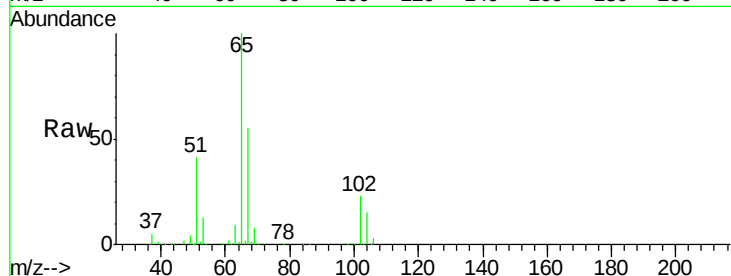
FESB-21A-(2.5-3)

Tgt Ion: 65 Resp: 90859

Ion Ratio Lower Upper

65 100

67 54.2 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: VY001218.D

Acq: 15 Jan 2020 15:17

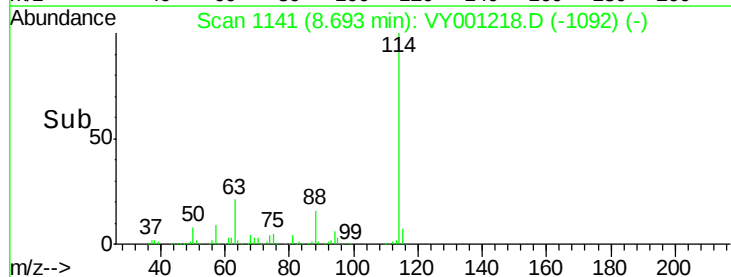
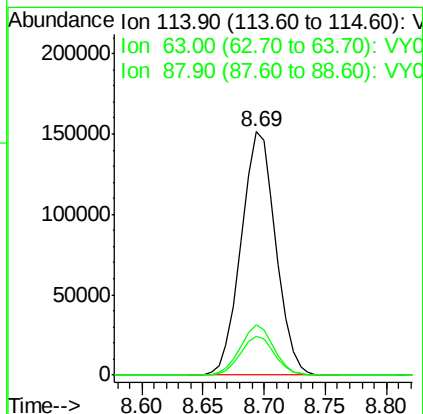
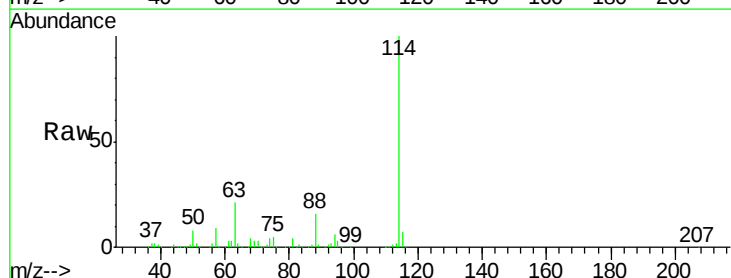
Tgt Ion: 114 Resp: 297052

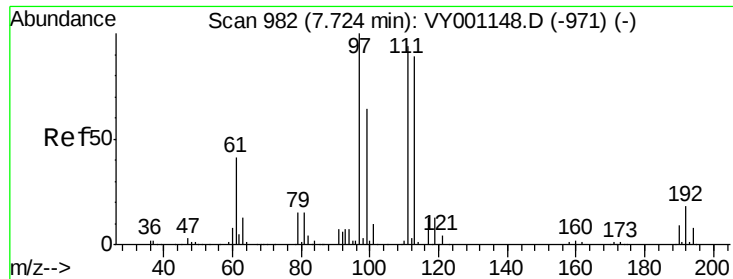
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

88 16.2 0.0 32.4

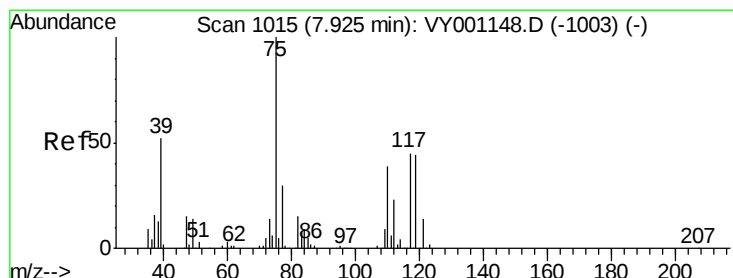
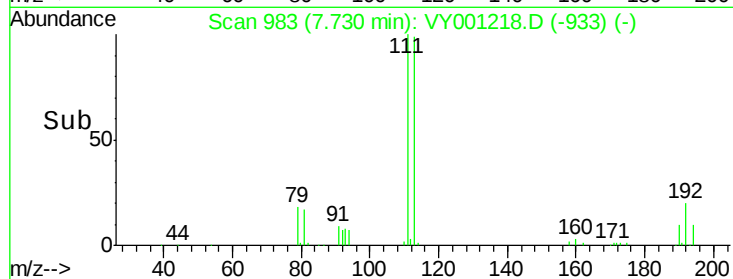
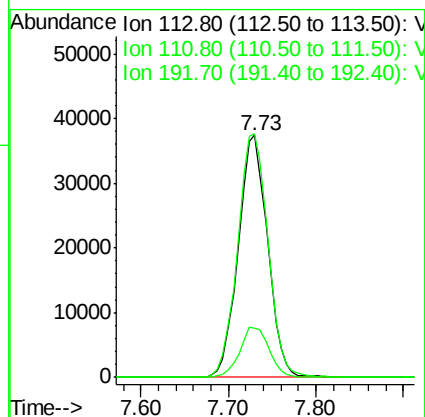
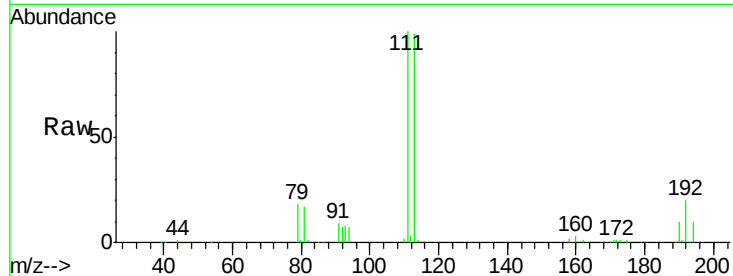




#35
Dibromofluoromethane
Concen: 50.119 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001218.D
Acq: 15 Jan 2020 15:17

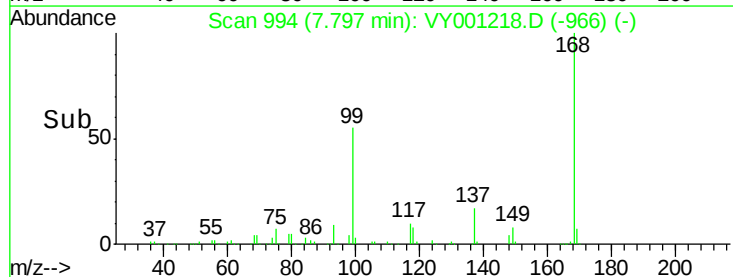
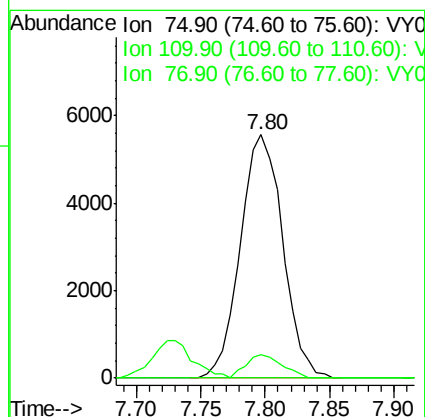
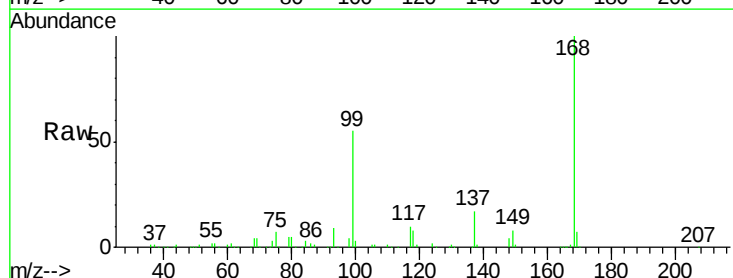
Instrument :
MSVOA_Y
ClientSampleId :
FESB-21A-(2.5-3)

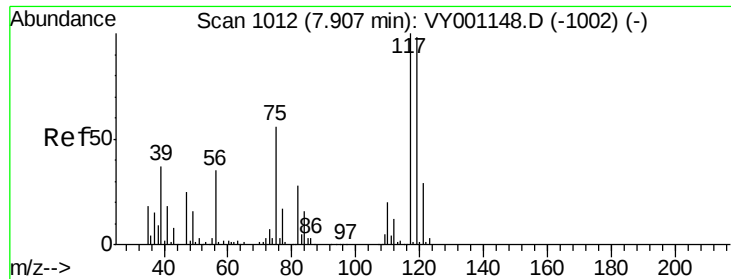
Tgt Ion:113 Resp: 87169
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 20.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.13 min
Lab File: VY001218.D
Acq: 15 Jan 2020 15:17

Tgt Ion: 75 Resp: 12683
Ion Ratio Lower Upper
75 100
110 8.2 18.3 54.8#
77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.462 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.11 min

Lab File: VY001218.D

Acq: 15 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

FESB-21A-(2.5-3)

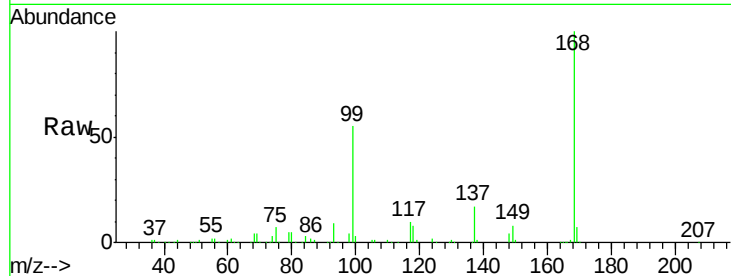
Tgt Ion:117 Resp: 16034

Ion Ratio Lower Upper

117 100

119 5.4 78.3 117.5#

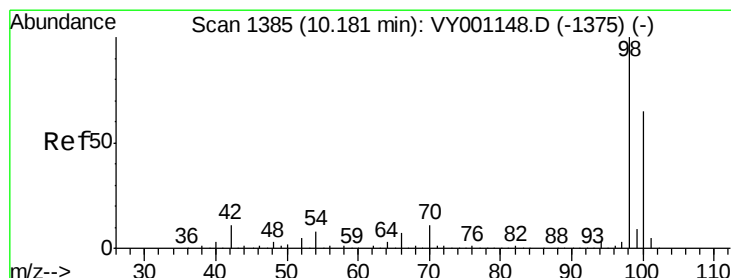
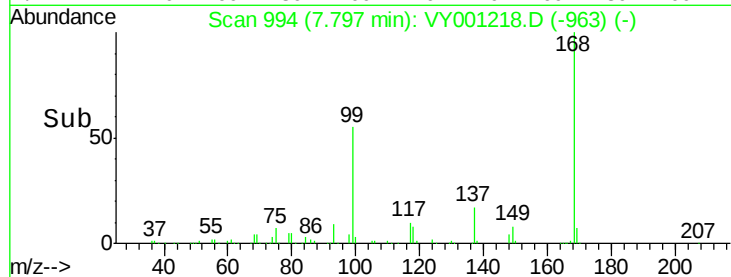
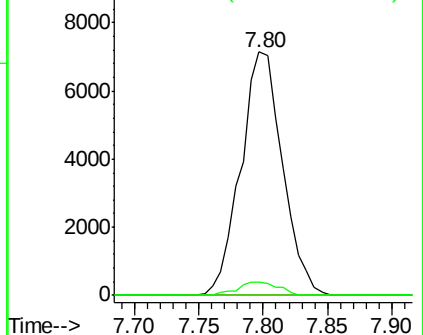
121 0.0 23.5 35.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.379 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001218.D

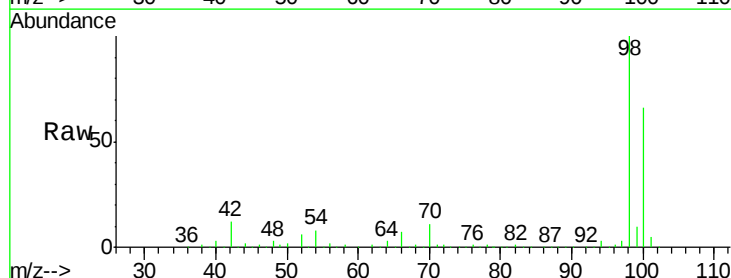
Acq: 15 Jan 2020 15:17

Tgt Ion: 98 Resp: 351019

Ion Ratio Lower Upper

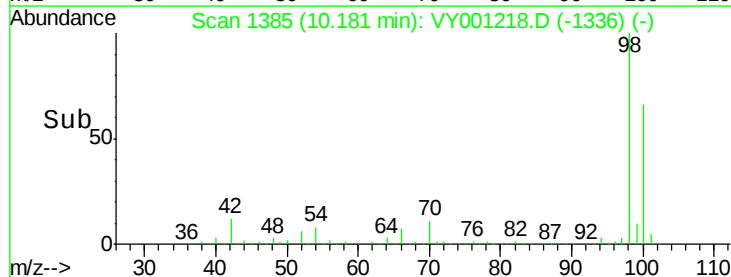
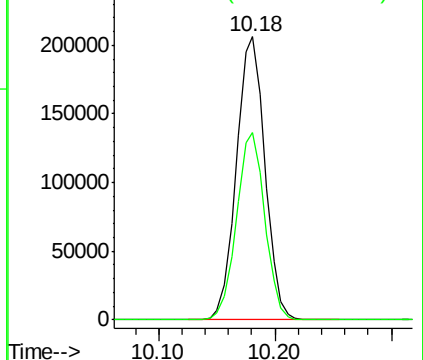
98 100

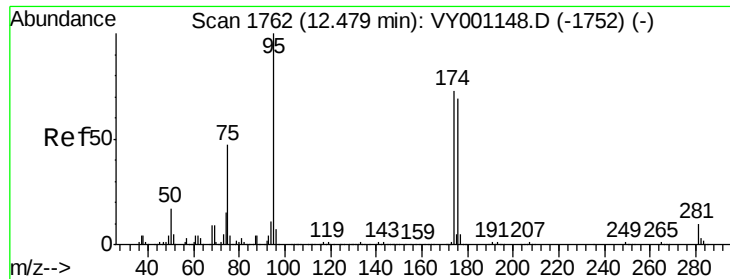
100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

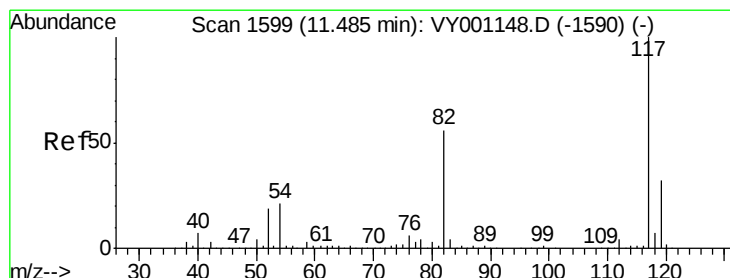
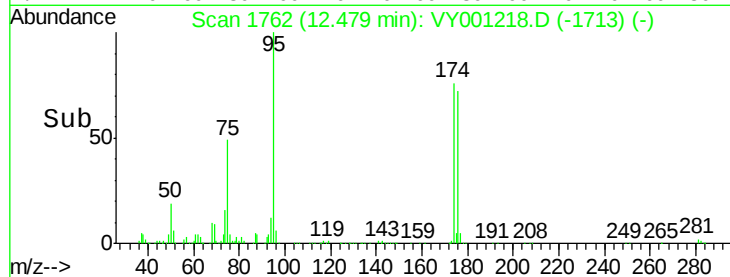
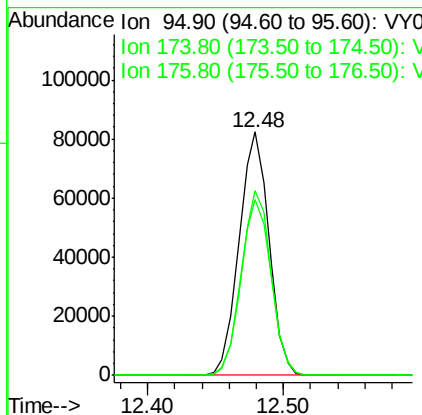
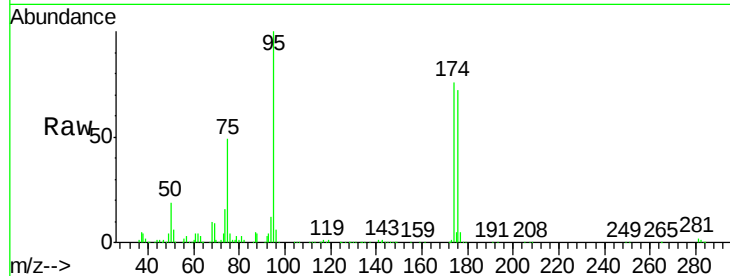




#62
4-Bromofluorobenzene
Concen: 45.997 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001218.D
Acq: 15 Jan 2020 15:17

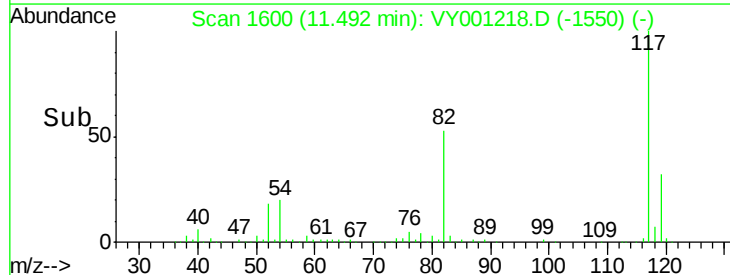
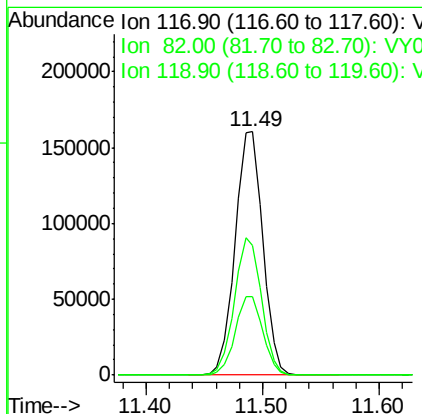
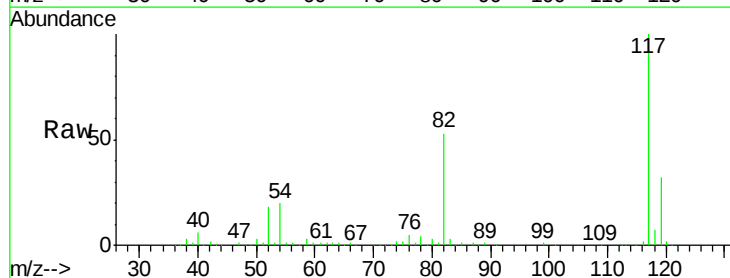
Instrument :
MSVOA_Y
ClientSampleId :
FESB-21A-(2.5-3)

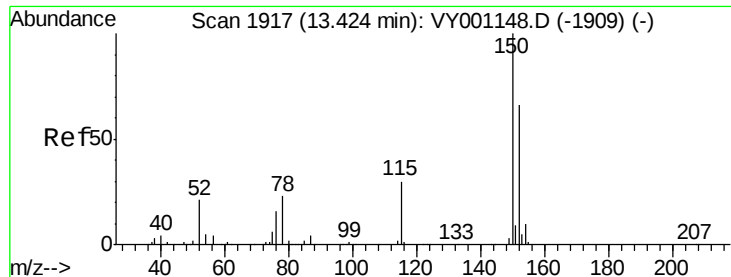
Tgt Ion: 95 Resp: 126022
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.2
176 73.0 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001218.D
Acq: 15 Jan 2020 15:17

Tgt Ion: 117 Resp: 266321
Ion Ratio Lower Upper
117 100
82 53.3 44.9 67.3
119 32.0 25.7 38.5



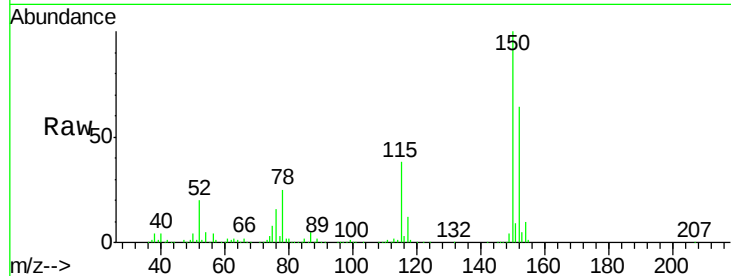


#72

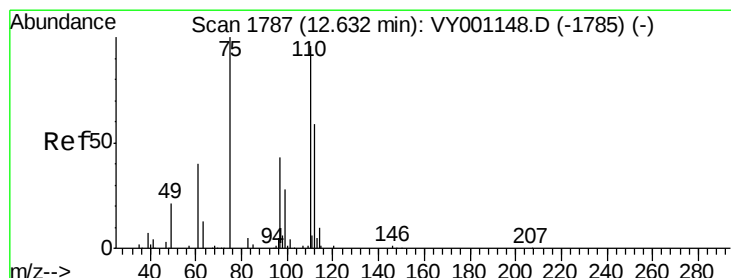
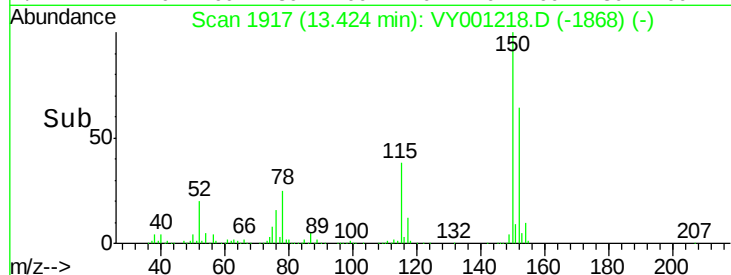
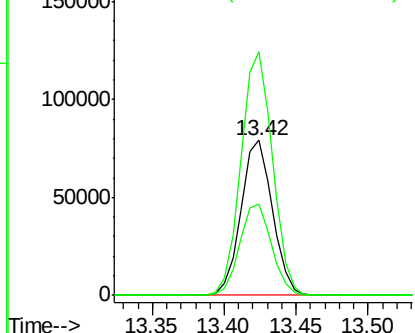
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001218.D
Acq: 15 Jan 2020 15:17

Instrument :
MSVOA_Y
ClientSampleId :
FESB-21A-(2.5-3)

Tgt Ion:152 Resp: 119098
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.5
150 158.0 0.0 346.8



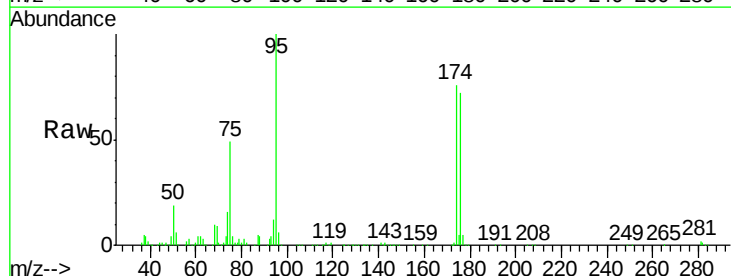
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



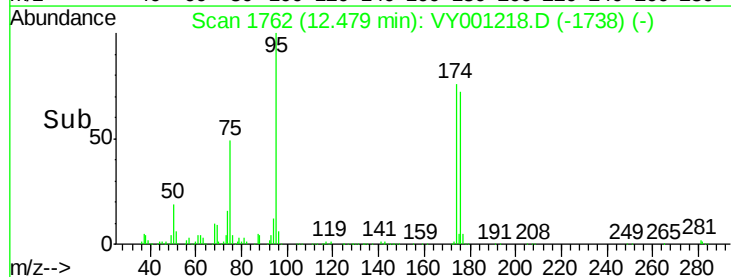
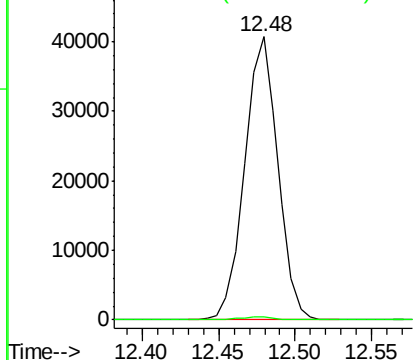
#76

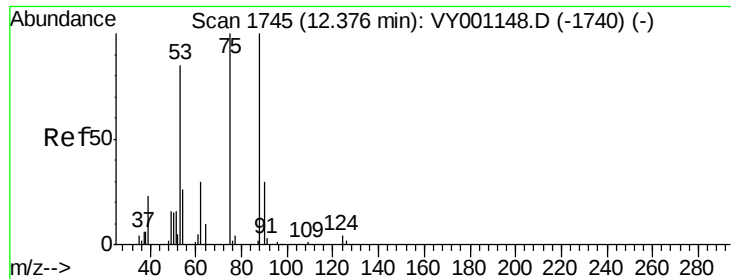
1,2,3-Trichloropropane
Concen: 48.033 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001218.D
Acq: 15 Jan 2020 15:17

Tgt Ion: 75 Resp: 61240
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 81.454 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001218.D

Acq: 15 Jan 2020 15:17

Instrument :

MSVOA_Y

ClientSampleId :

FESB-21A-(2.5-3)

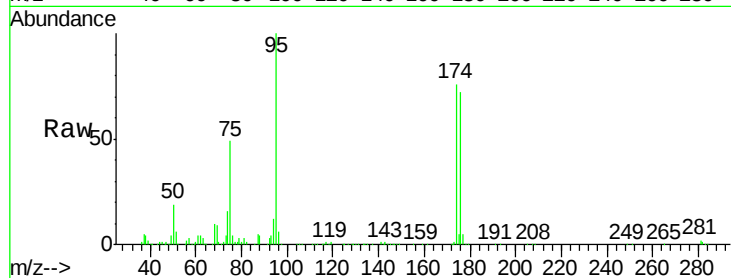
Tgt Ion: 75 Resp: 61240

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

