

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001215.D
 Acq On : 15 Jan 2020 14:10
 Operator : SY/MD
 Sample : L1125-01
 Misc : 5.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-28-(1.5-2)

Quant Time: Jan 16 04:50:16 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	167570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	300717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	263161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	107862	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	93957	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
35) Dibromofluoromethane	7.73	113	88521	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	10.18	98	351403	51.80	ug/l	0.00
Spiked Amount			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.48	95	120439	43.42	ug/l	0.00
Spiked Amount			Recovery	=	86.84%	

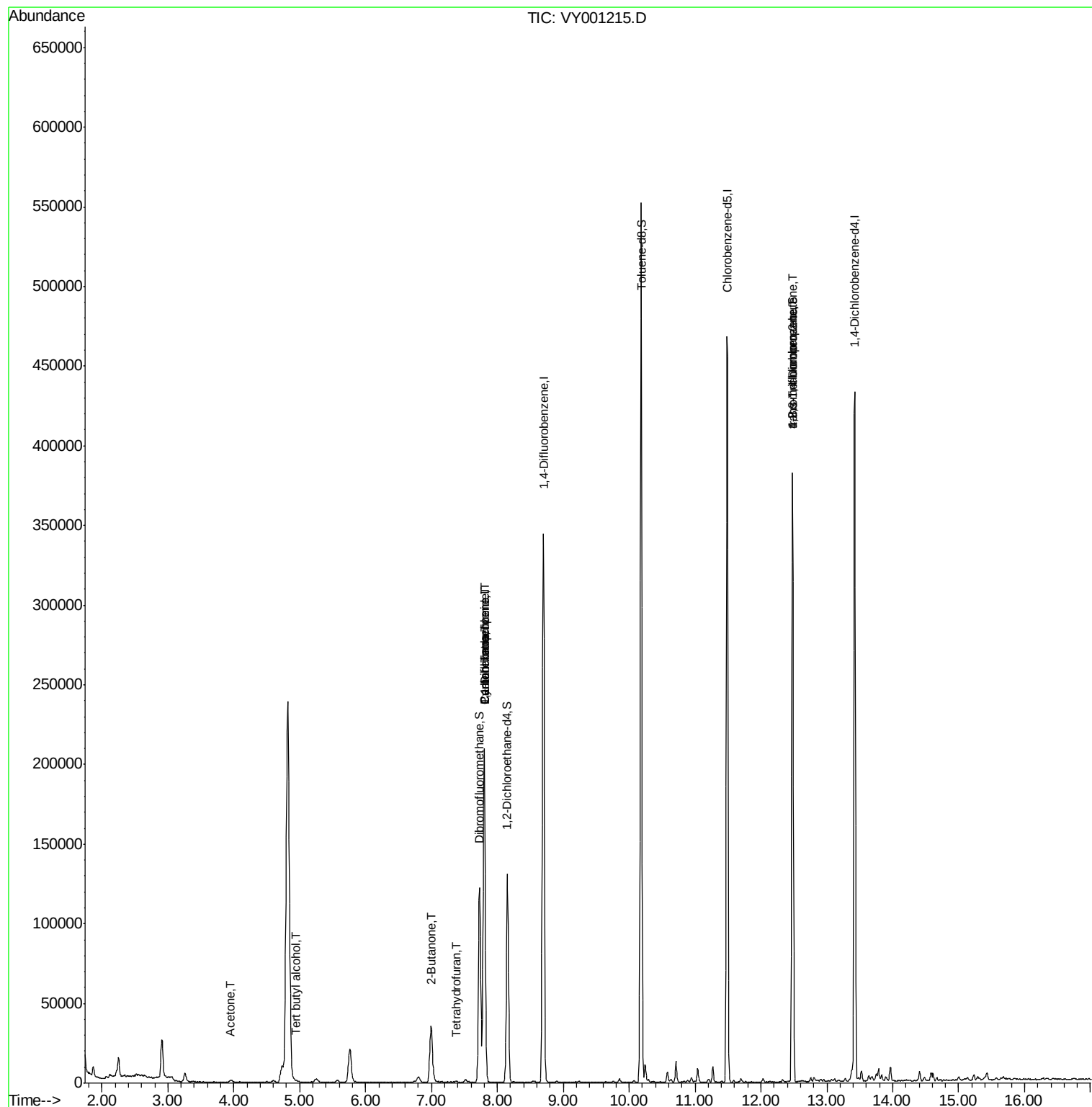
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.94	59	595	3.341	ug/l #	73
16) Acetone	3.96	43	1807	4.396	ug/l	89
20) Methylene Chloride	4.73	84	6775	Below Cal		96
25) 2-Butanone	7.00	43	2071	3.237	ug/l	91
29) Tetrahydrofuran	7.37	42	492	1.122	ug/l #	70
31) Cyclohexane	7.80	56	3946	1.153	ug/l #	2
36) 1,1-Dichloropropene	7.80	75	12872	4.696	ug/l #	48
38) Carbon Tetrachloride	7.80	117	15573	6.200	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	58029	50.256	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	58029	85.223	ug/l #	6

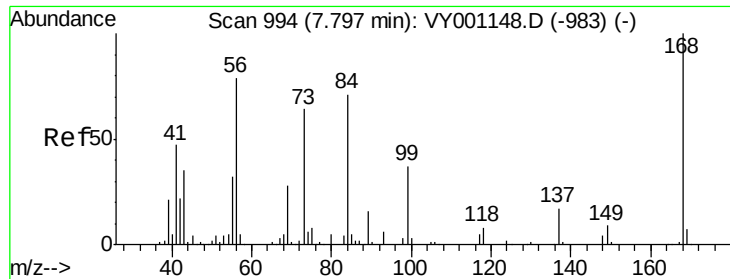
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001215.D

Acq: 15 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

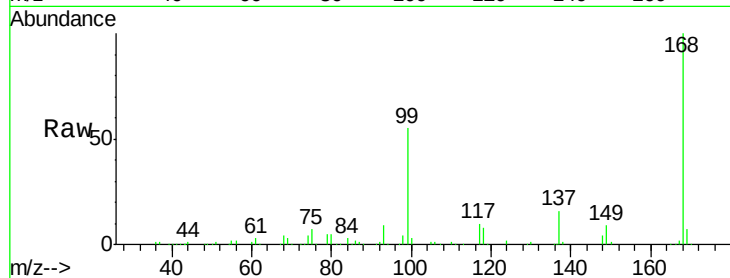
FESB-28-(1.5-2)

Tgt Ion: 168 Resp: 167570

Ion Ratio Lower Upper

168 100

99 55.1 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

60000

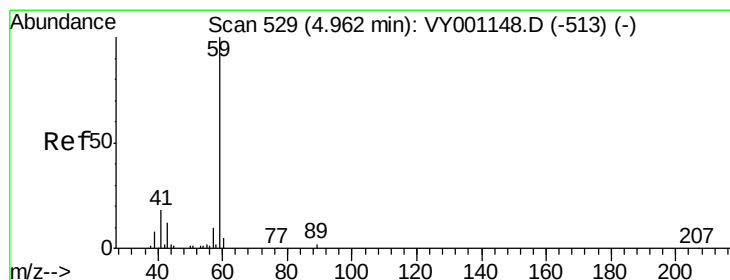
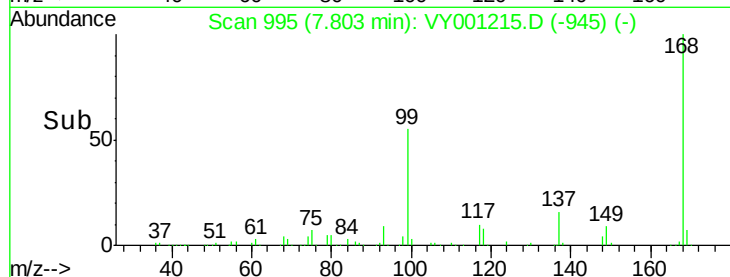
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 3.341 ug/l

RT: 4.94 min Scan# 525

Delta R.T. -0.02 min

Lab File: VY001215.D

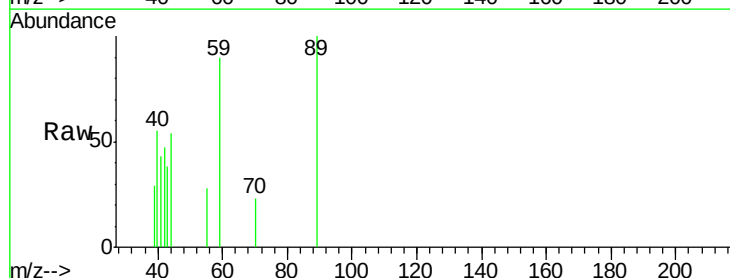
Acq: 15 Jan 2020 14:10

Tgt Ion: 59 Resp: 595

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)

4.94

300

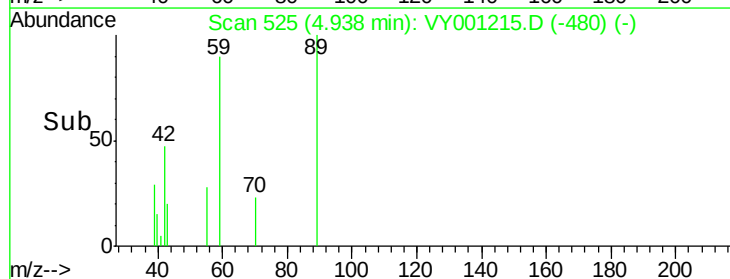
200

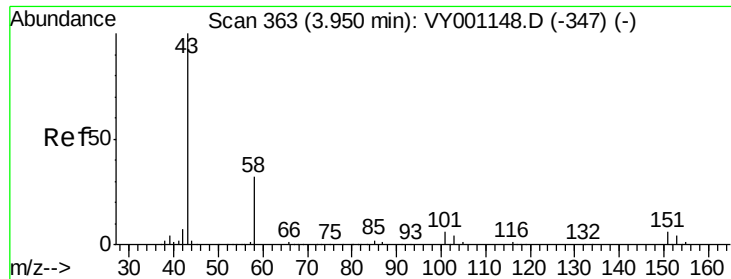
100

0

4.90 4.95

Time-->





#16

Acetone

Concen: 4.396 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

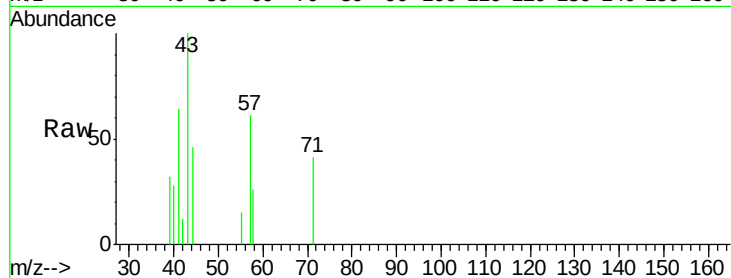
FESB-28-(1.5-2)

Tgt Ion: 43 Resp: 1807

Ion Ratio Lower Upper

43 100

58 26.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

3.96

400

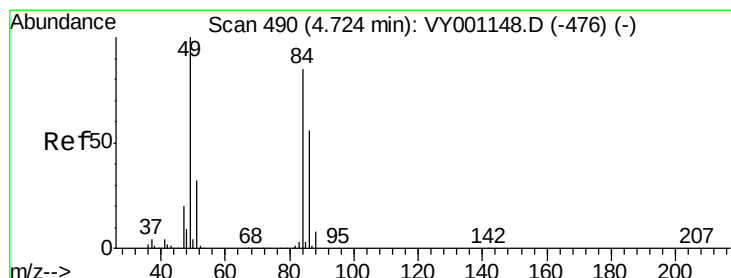
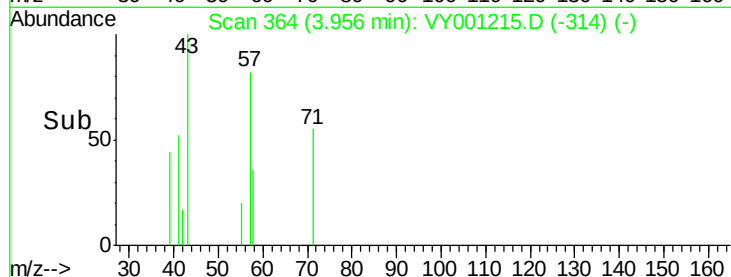
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

Tgt Ion: 84 Resp: 6775

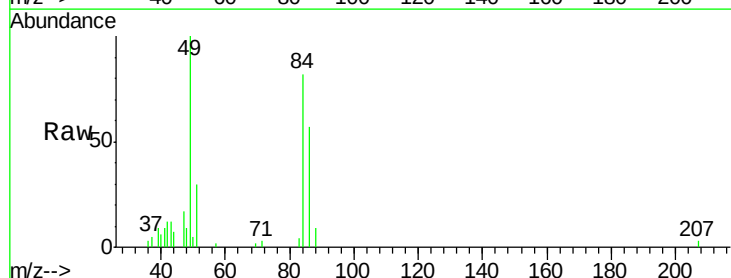
Ion Ratio Lower Upper

84 100

49 122.7 93.8 140.6

51 36.8 29.9 44.9

86 70.0 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4000

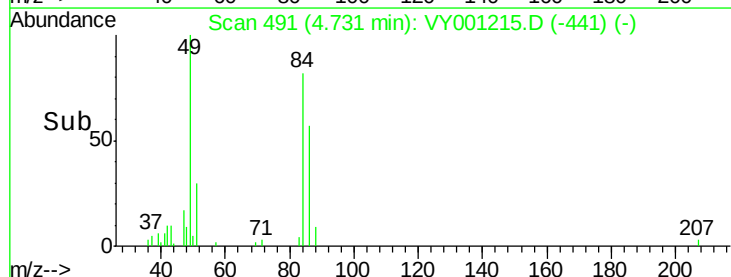
3000

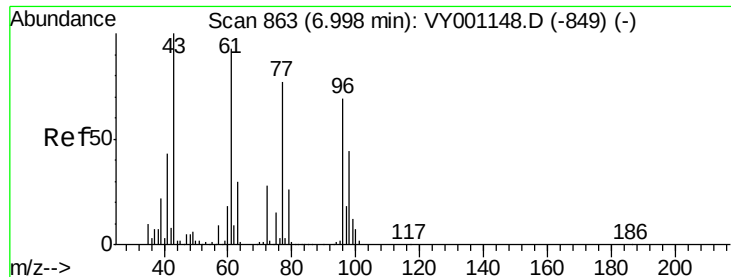
2000

1000

0

Time-->





#25

2-Butanone

Concen: 3.237 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

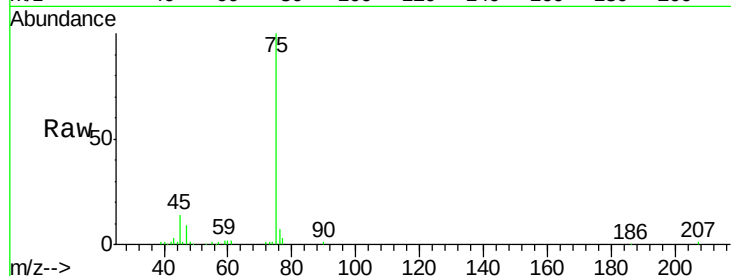
Instrument :
MSVOA_Y
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion: 43 Resp: 2071

Ion Ratio Lower Upper

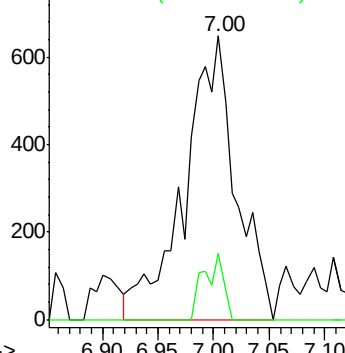
43 100

72 23.1 22.2 33.2

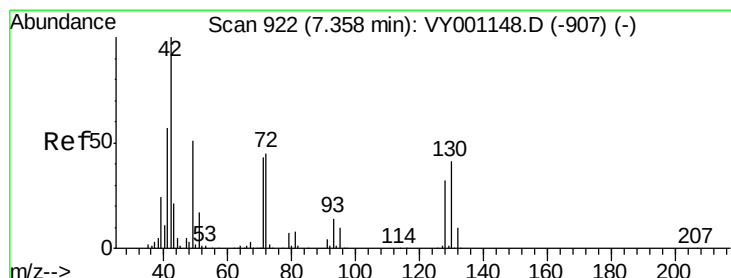
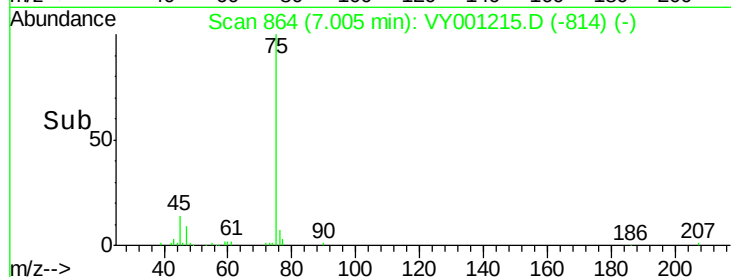


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



Time-->



#29

Tetrahydrofuran

Concen: 1.122 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

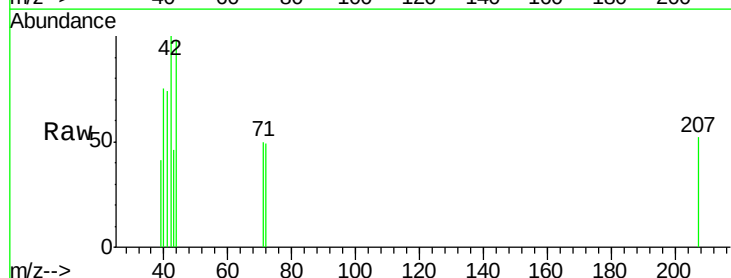
Tgt Ion: 42 Resp: 492

Ion Ratio Lower Upper

42 100

72 20.9 36.9 55.3#

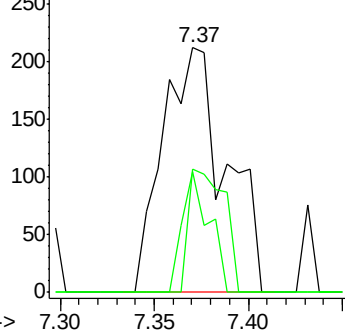
71 28.7 34.0 51.0#



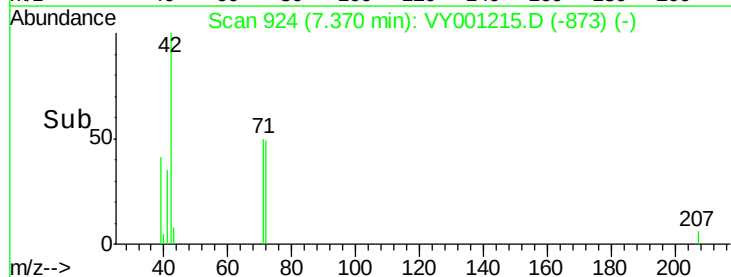
Abundance Ion 42.00 (41.70 to 42.70): VY0

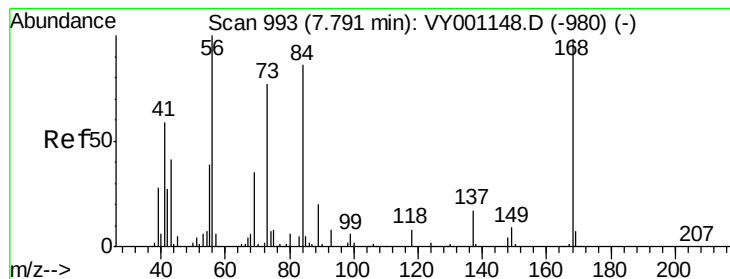
Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



Time-->





#31

Cyclohexane

Concen: 1.153 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

FESB-28-(1.5-2)

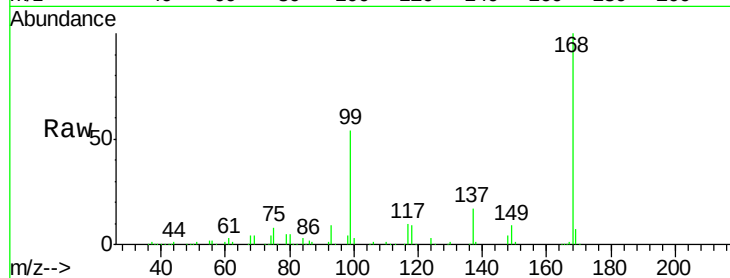
Tgt Ion: 56 Resp: 3946

Ion Ratio Lower Upper

56 100

69 154.8 27.8 41.8#

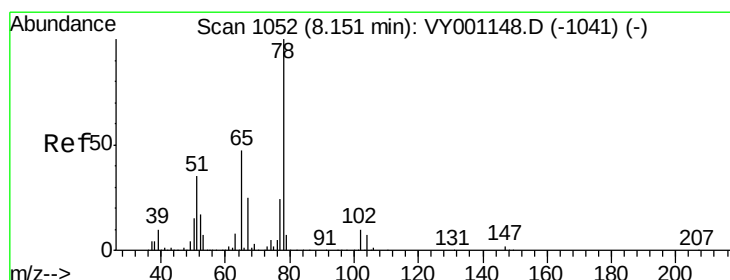
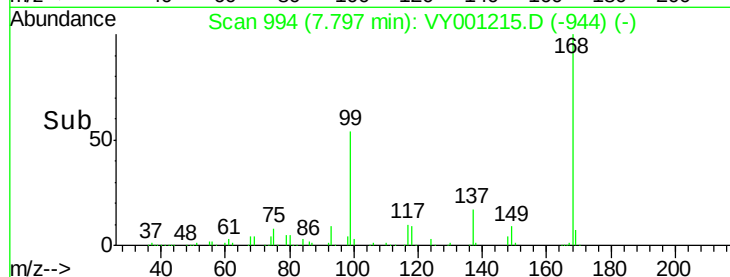
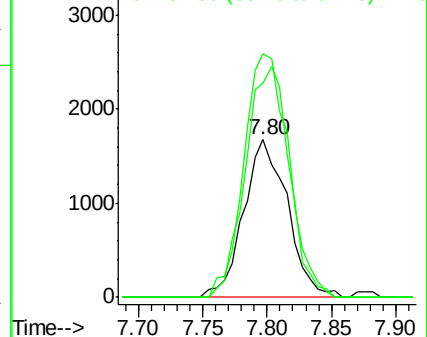
84 136.2 68.9 103.3#



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: 53.088 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY001215.D

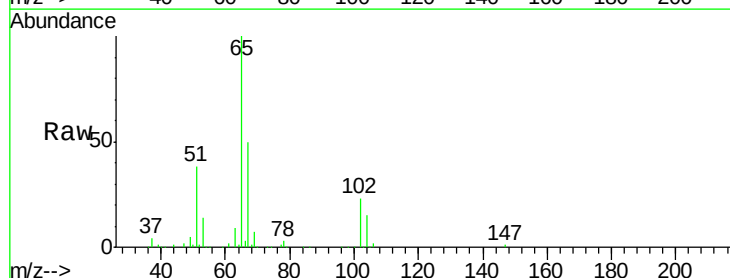
Acq: 15 Jan 2020 14:10

Tgt Ion: 65 Resp: 93957

Ion Ratio Lower Upper

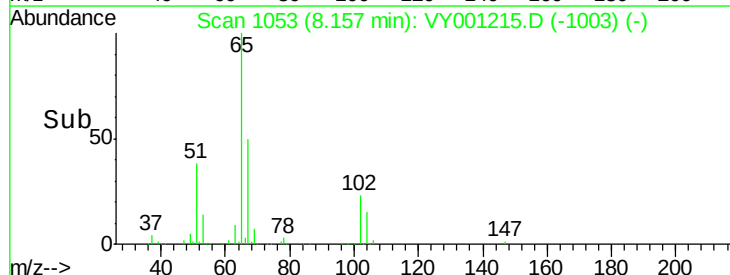
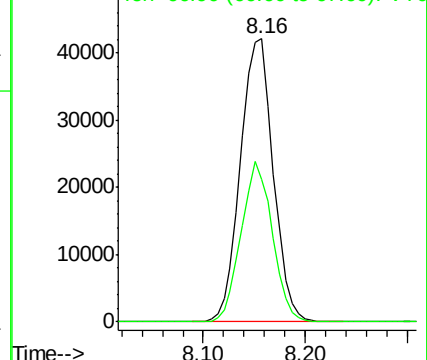
65 100

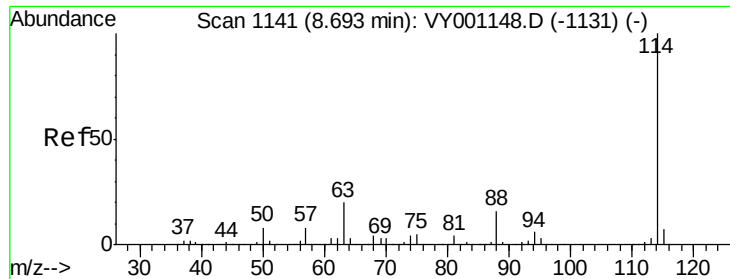
67 54.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

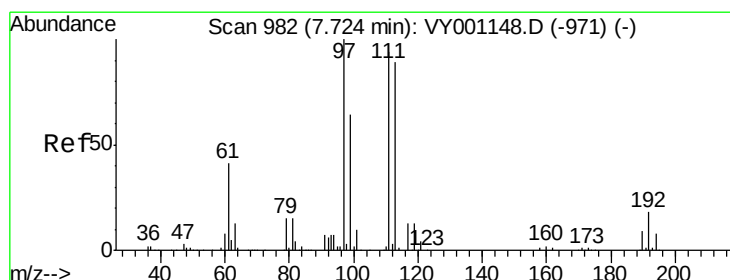
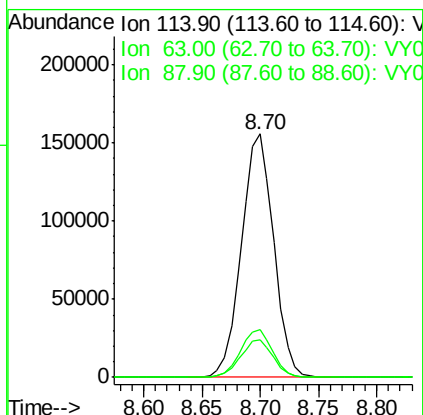
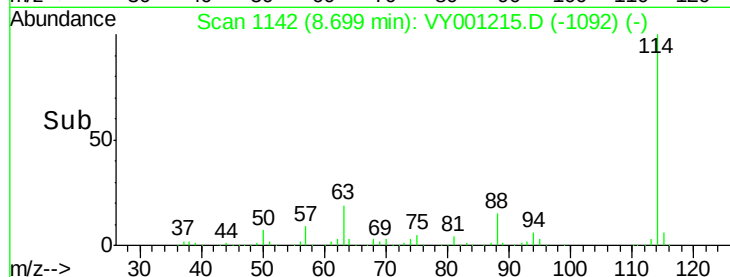
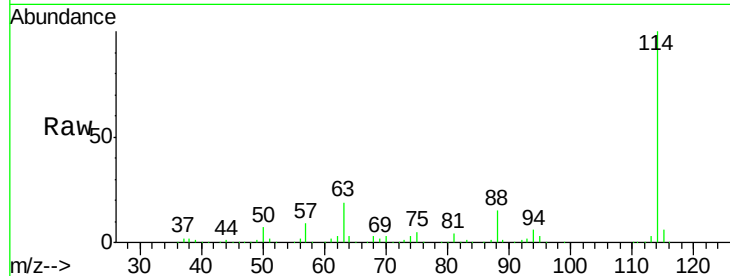




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001215.D
 Acq: 15 Jan 2020 14:10

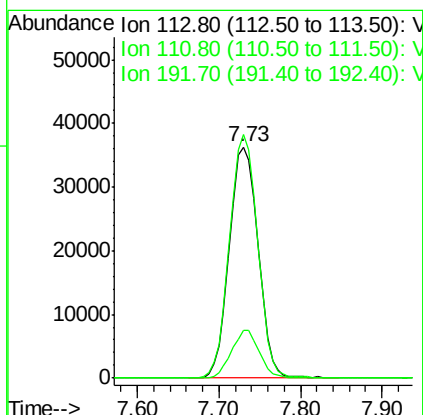
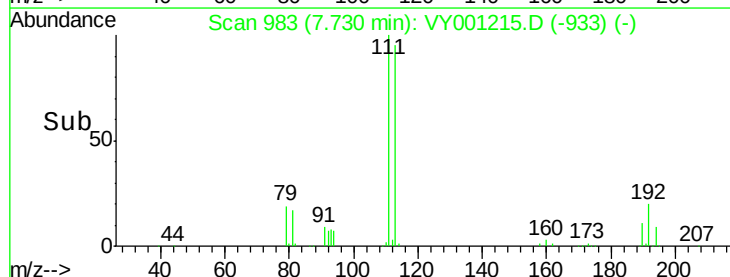
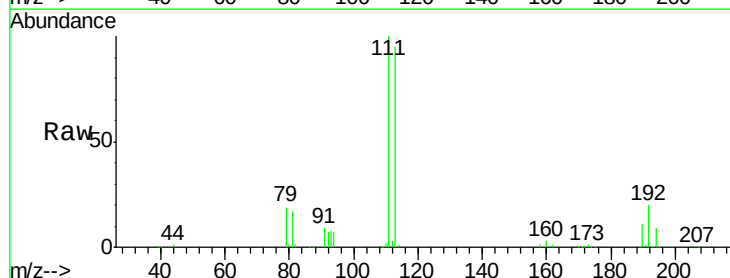
Instrument :
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 FESB-28-(1.5-2)

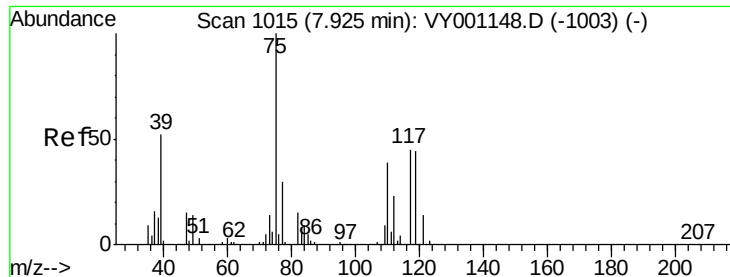
Tgt Ion:114 Resp: 300717
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 15.3 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 50.276 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001215.D
 Acq: 15 Jan 2020 14:10

Tgt Ion:113 Resp: 88521
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 19.7 15.4 23.2

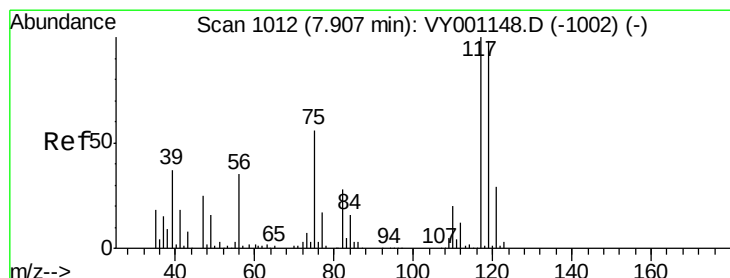
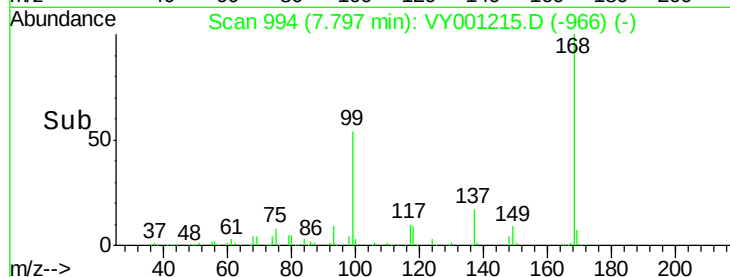
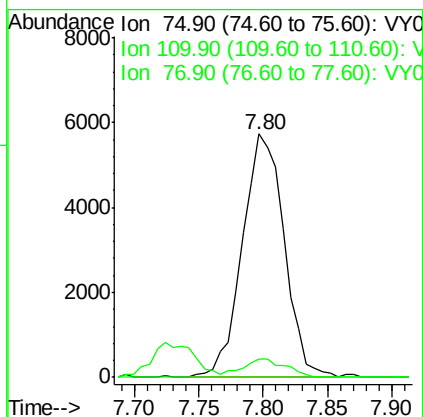
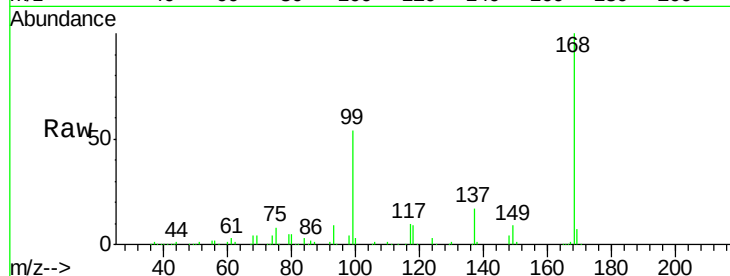




#36
 1,1-Dichloropropene
 Concen: 4.696 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001215.D
 Acq: 15 Jan 2020 14:10

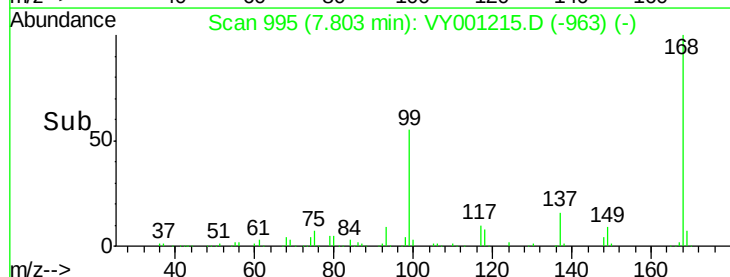
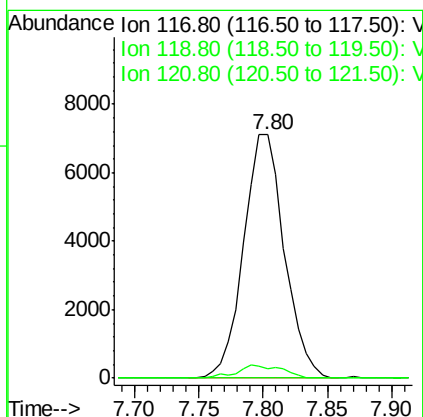
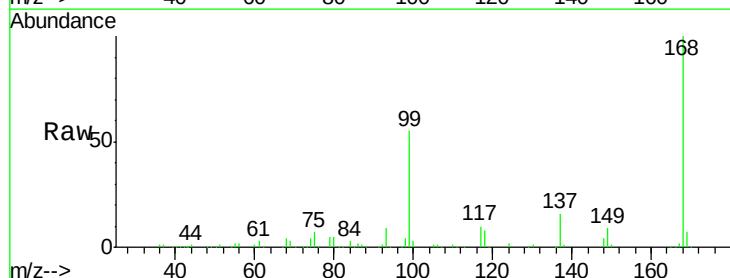
Instrument :
 MSVOA_Y
 ClientSampleId :
 FESB-28-(1.5-2)

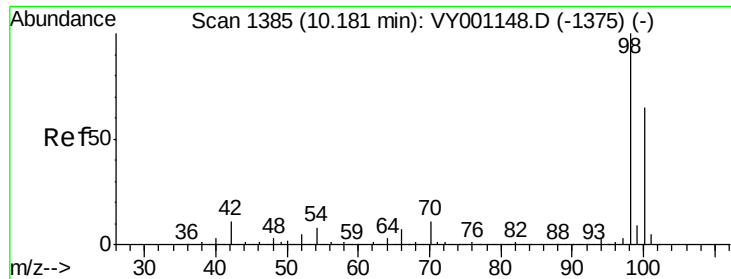
Tgt Ion: 75 Resp: 12872
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.200 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY001215.D
 Acq: 15 Jan 2020 14:10

Tgt Ion: 117 Resp: 15573
 Ion Ratio Lower Upper
 117 100
 119 3.7 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.797 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

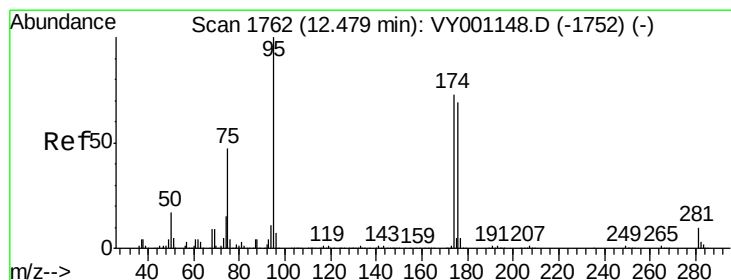
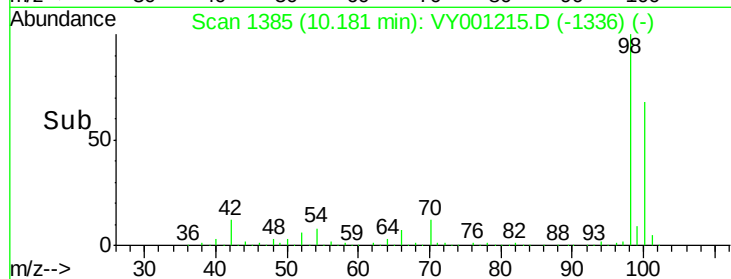
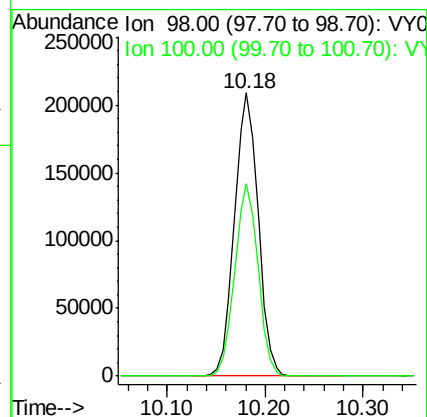
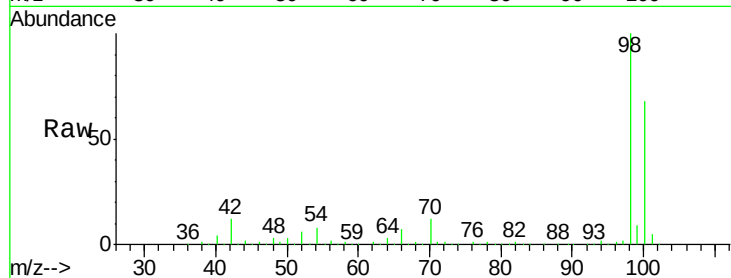
FESB-28-(1.5-2)

Tgt Ion: 98 Resp: 351403

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.423 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

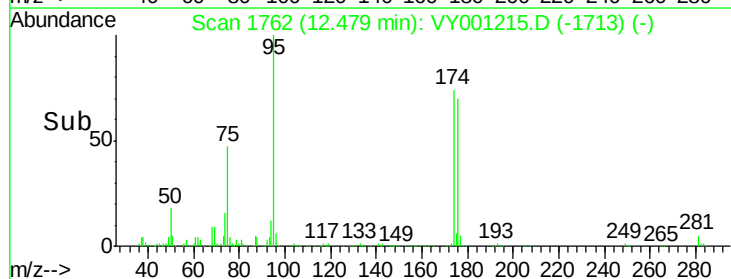
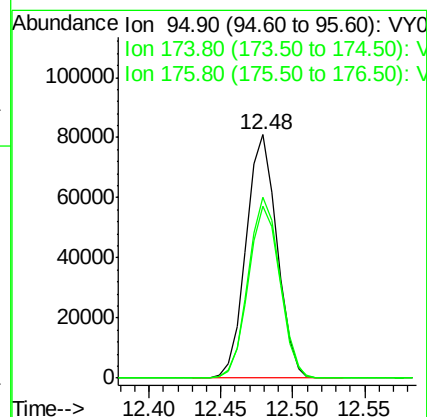
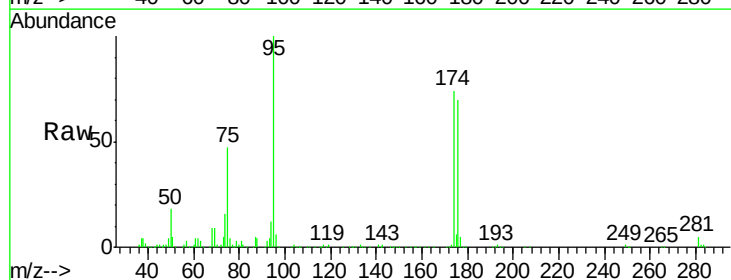
Tgt Ion: 95 Resp: 120439

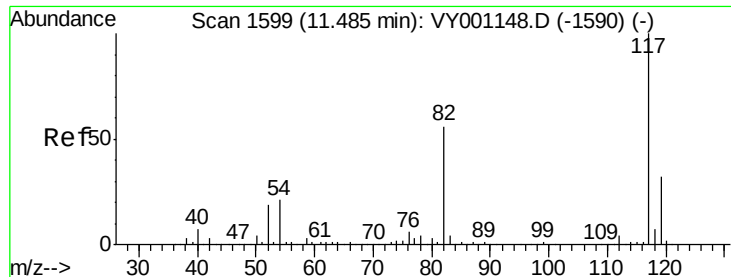
Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.2

176 72.3 0.0 136.0

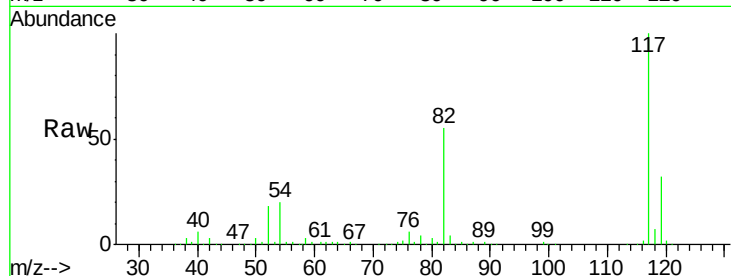




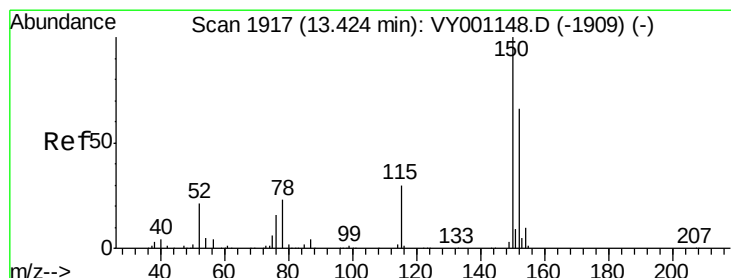
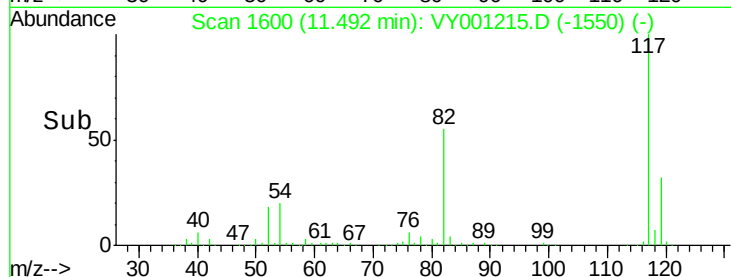
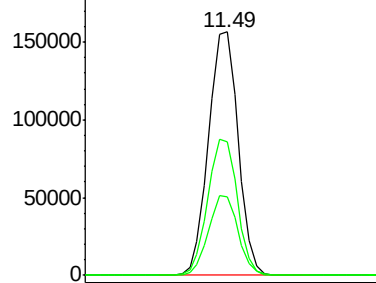
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001215.D
Acq: 15 Jan 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
FESB-28-(1.5-2)

Tgt Ion:117 Resp: 263161
Ion Ratio Lower Upper
117 100
82 54.9 44.9 67.3
119 32.4 25.7 38.5

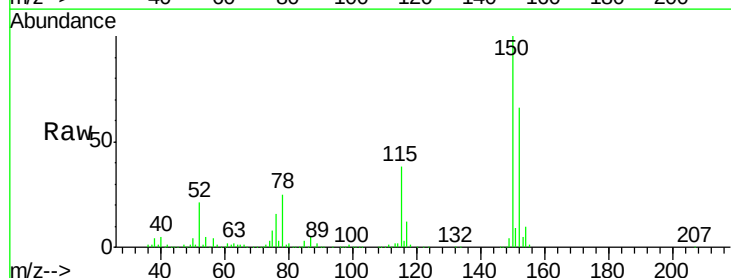


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

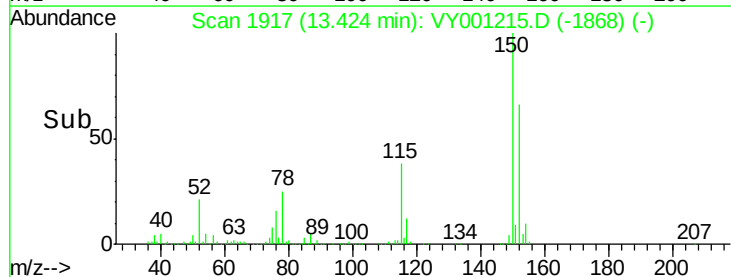
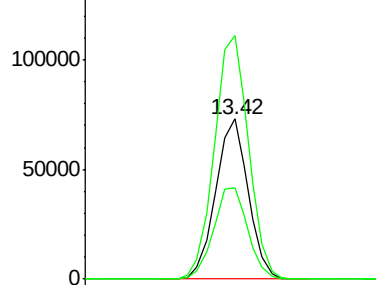


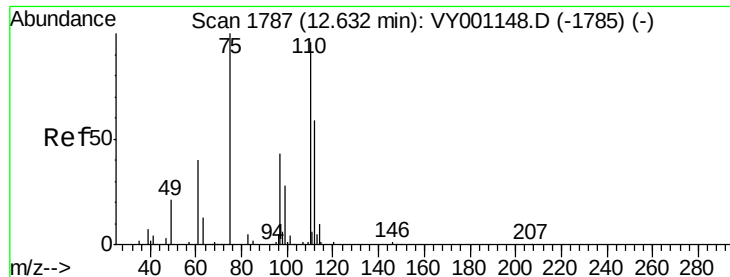
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001215.D
Acq: 15 Jan 2020 14:10

Tgt Ion:152 Resp: 107862
Ion Ratio Lower Upper
152 100
115 59.8 30.9 92.5
150 158.5 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: 50.256 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

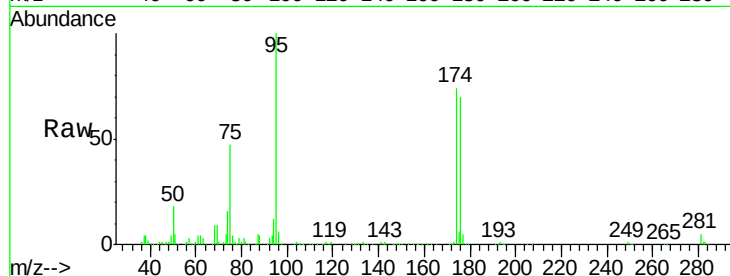
FESB-28-(1.5-2)

Tgt Ion: 75 Resp: 58029

Ion Ratio Lower Upper

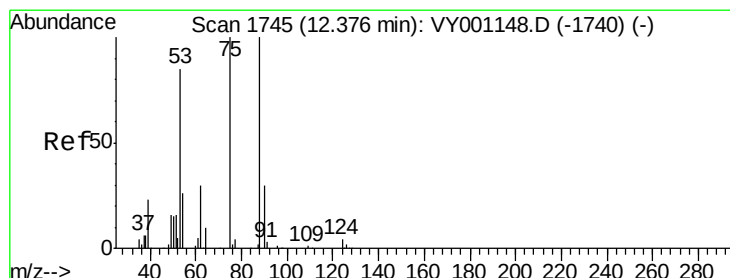
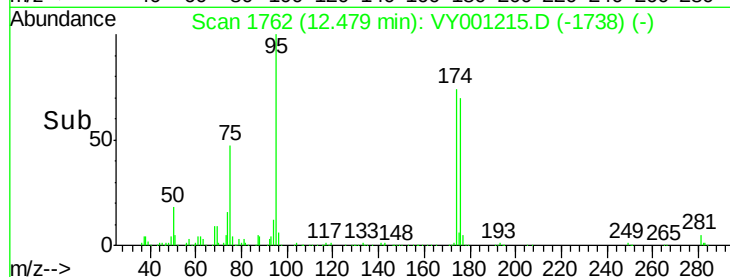
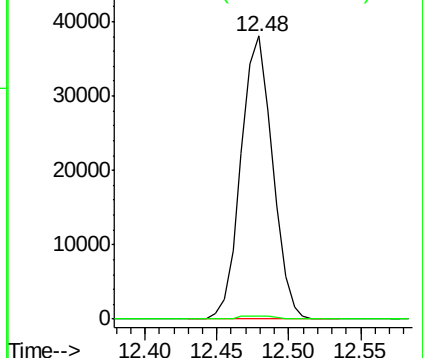
75 100

77 1.4 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: 85.223 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001215.D

Acq: 15 Jan 2020 14:10

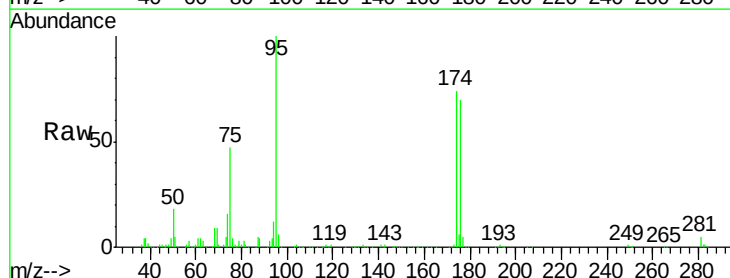
Tgt Ion: 75 Resp: 58029

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

