

Data File : VW010486.D
Acq On : 21 May 2019 14:40
Operator : SY/VA
Sample : K2966-05
Misc : 5.69G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-17(1.9-2.4)

Quant Time: May 22 06:43:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	120021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	229811	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	203096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	73278	59.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.30%	
35) Dibromofluoromethane	7.88	113	72077	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	10.32	98	282312	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.62	95	104063	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

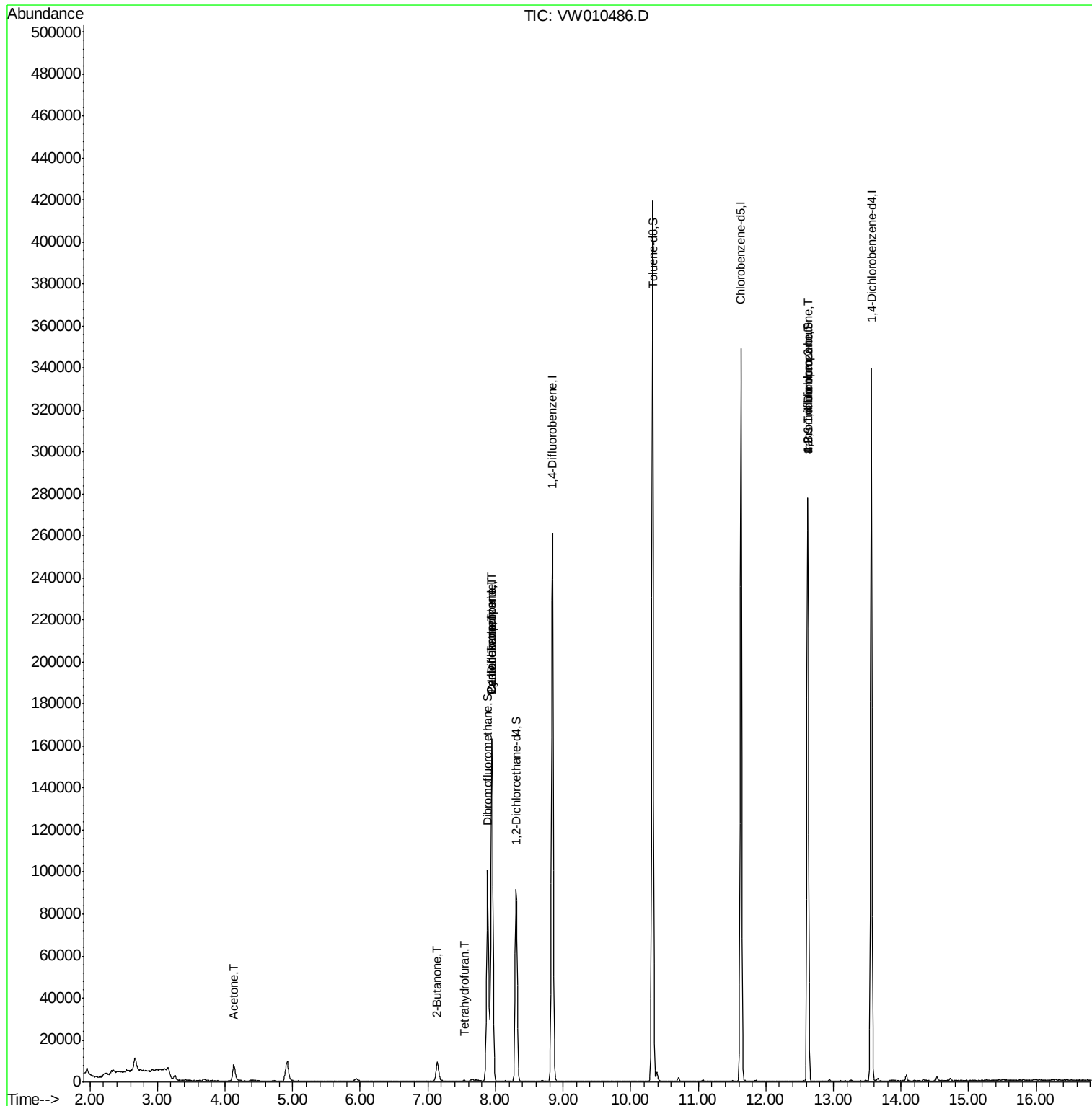
						Qvalue
2) Dichlorodifluoromethane	2.01	85	43	Below Cal	#	42
16) Acetone	4.13	43	14327	56.657	ug/l	94
25) 2-Butanone	7.14	43	396	1.094	ug/l #	45
29) Tetrahydrofuran	7.55	42	370	1.511	ug/l #	34
31) Cyclohexane	7.95	56	2600	1.105	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	9606	4.487	ug/l #	48
38) Carbon Tetrachloride	7.95	117	12787	5.537	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	49391	55.355	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	49391	115.527	ug/l #	14

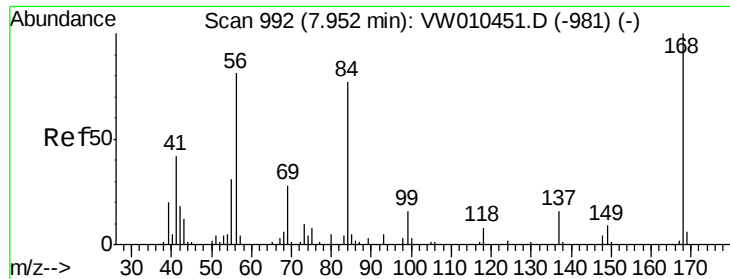
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010486.D

Acq: 21 May 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

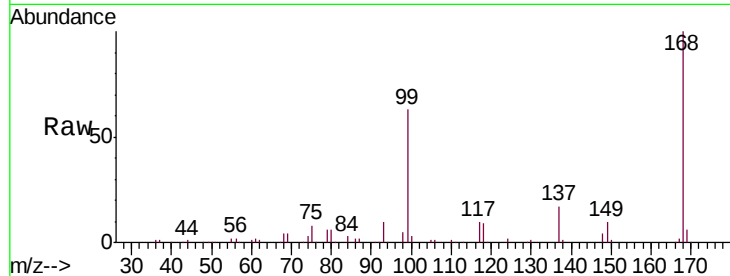
FESB-17(1.9-2.4)

Tgt Ion:168 Resp: 120021

Ion Ratio Lower Upper

168 100

99 63.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

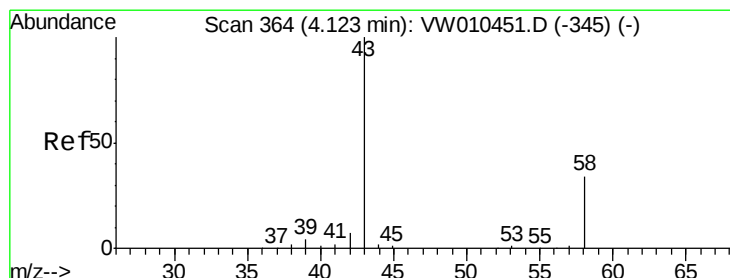
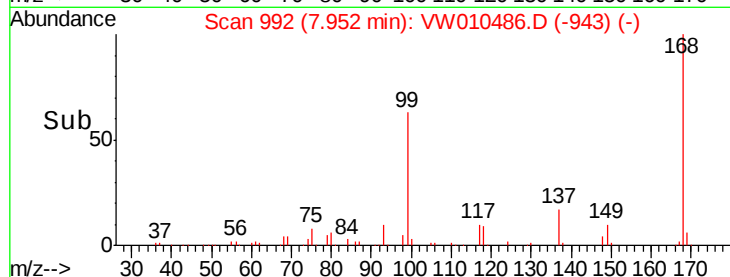
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 56.657 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010486.D

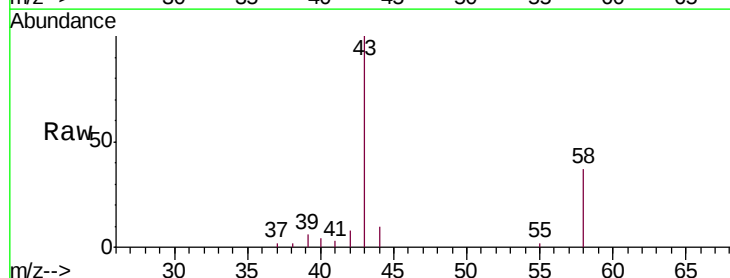
Acq: 21 May 2019 14:40

Tgt Ion: 43 Resp: 14327

Ion Ratio Lower Upper

43 100

58 37.4 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

5000

4000

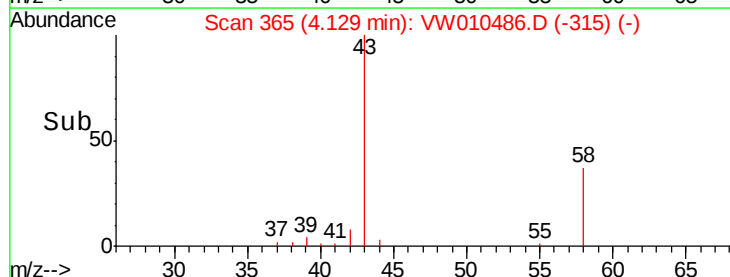
3000

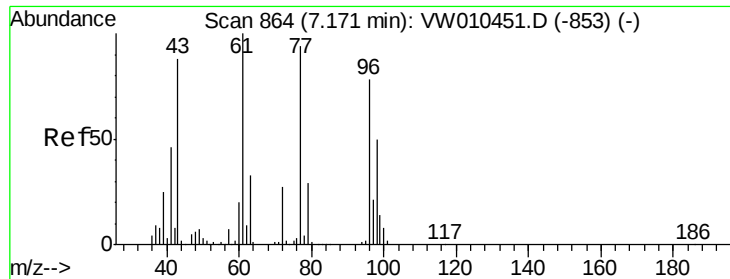
2000

1000

0

Time-->





#25

2-Butanone

Concen: 1.094 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010486.D

Acq: 21 May 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

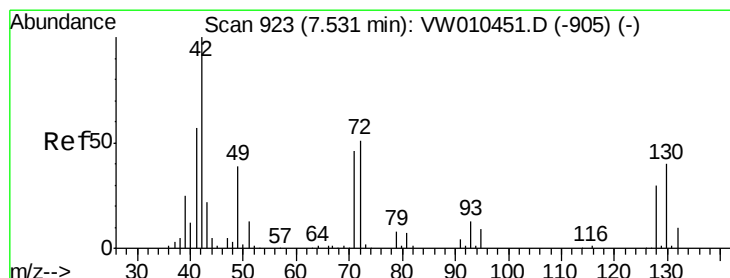
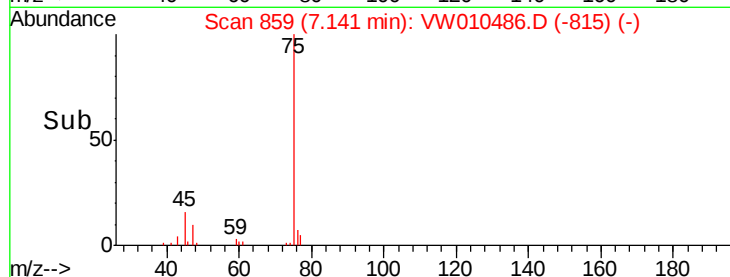
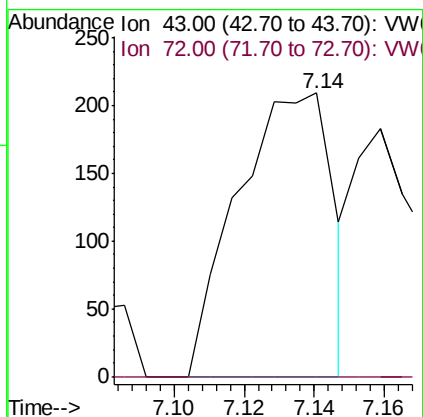
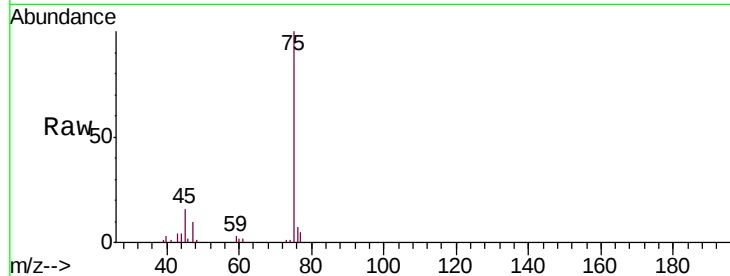
FESB-17(1.9-2.4)

Tgt Ion: 43 Resp: 396

Ion Ratio Lower Upper

43 100

72 0.0 24.1 36.1#



#29

Tetrahydrofuran

Concen: 1.511 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW010486.D

Acq: 21 May 2019 14:40

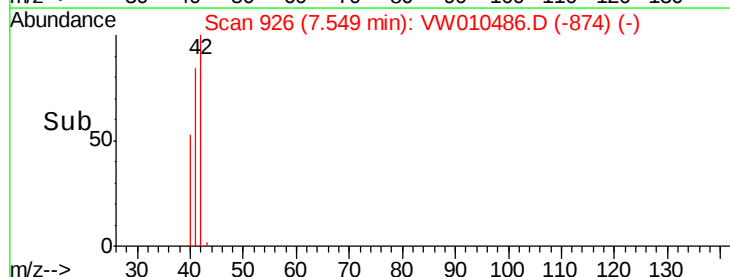
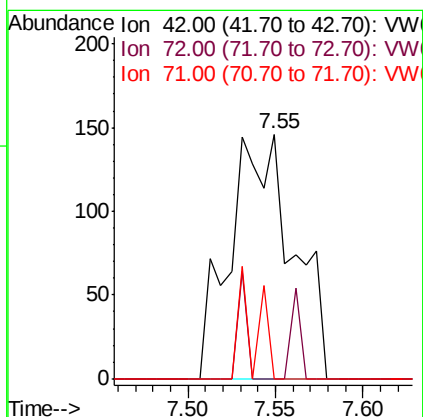
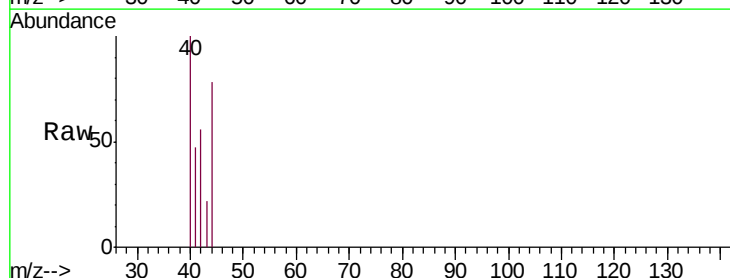
Tgt Ion: 42 Resp: 370

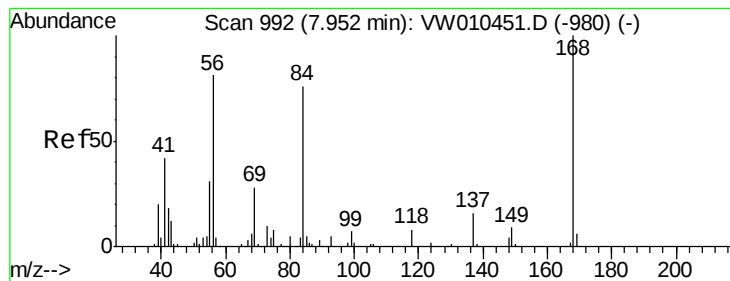
Ion Ratio Lower Upper

42 100

72 5.4 38.5 57.7#

71 0.0 36.5 54.7#





#31

Cyclohexane

Concen: 1.105 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010486.D

Acq: 21 May 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

FESB-17(1.9-2.4)

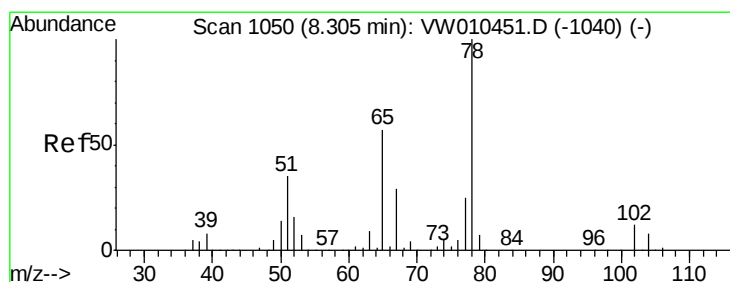
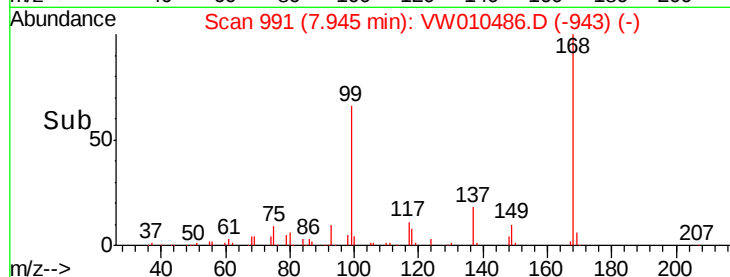
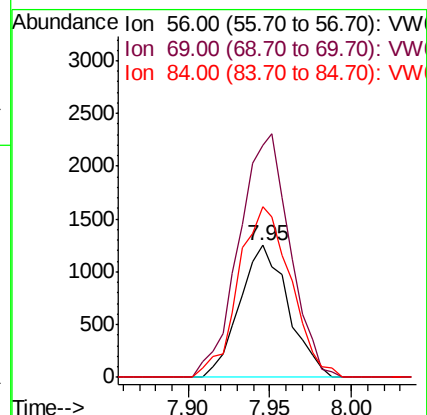
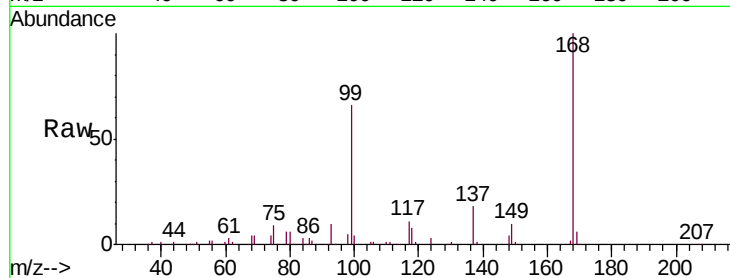
Tgt Ion: 56 Resp: 2600

Ion Ratio Lower Upper

56 100

69 175.8 28.2 42.2#

84 135.0 75.8 113.8#



#33

1,2-Dichloroethane-d4

Concen: 59.151 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010486.D

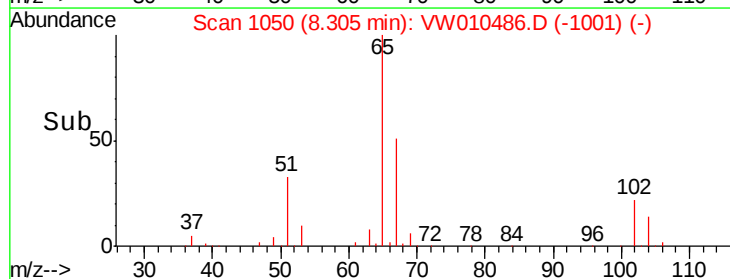
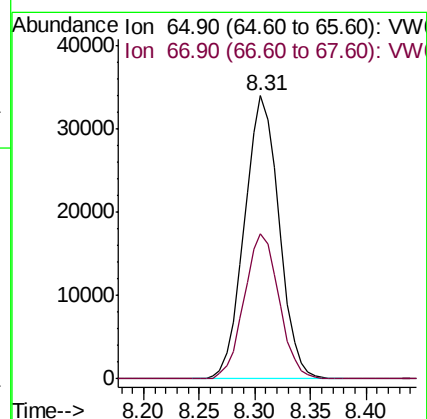
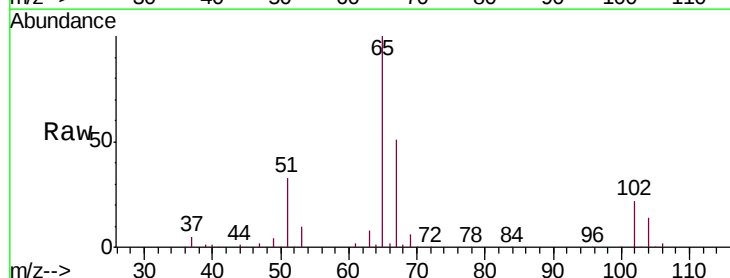
Acq: 21 May 2019 14:40

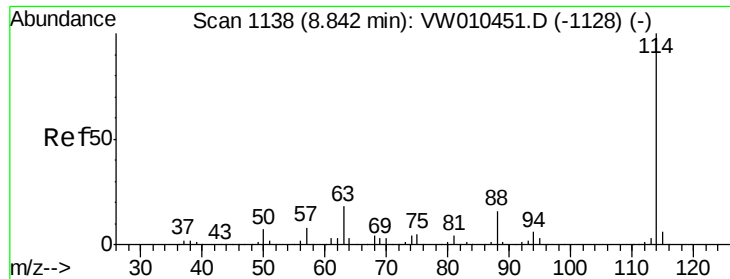
Tgt Ion: 65 Resp: 73278

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.6

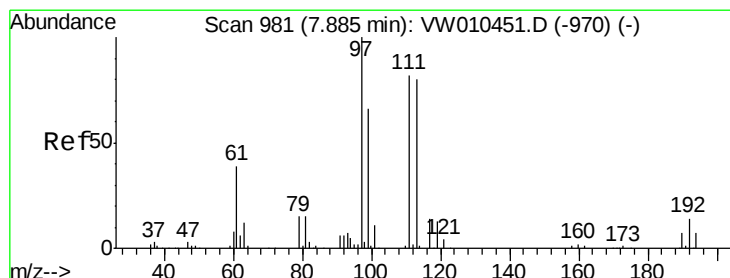
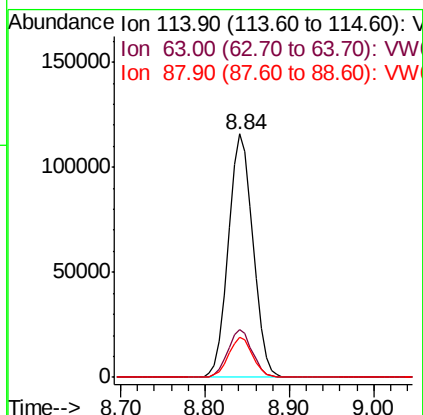
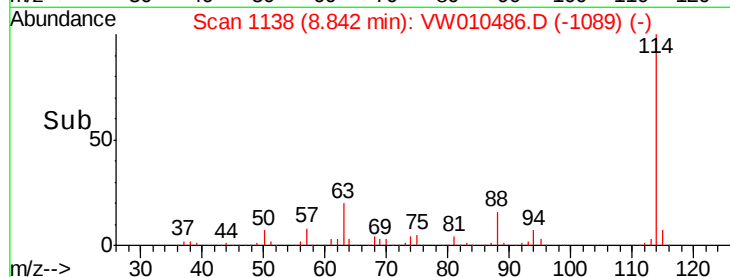
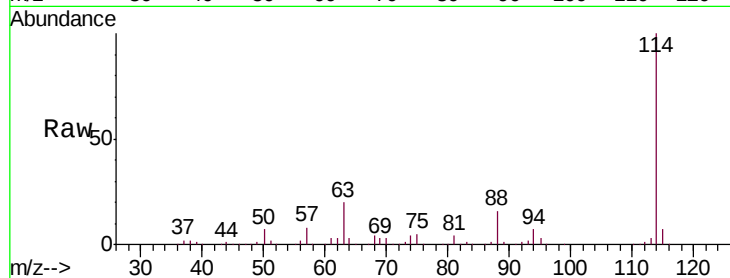




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010486.D
 Acq: 21 May 2019 14:40

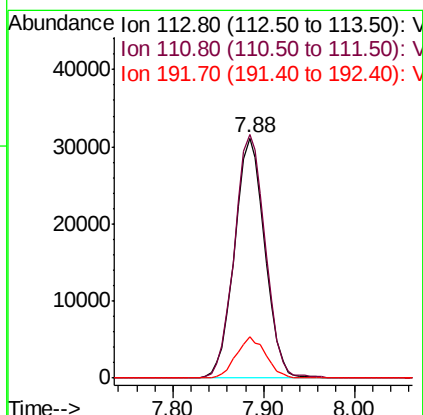
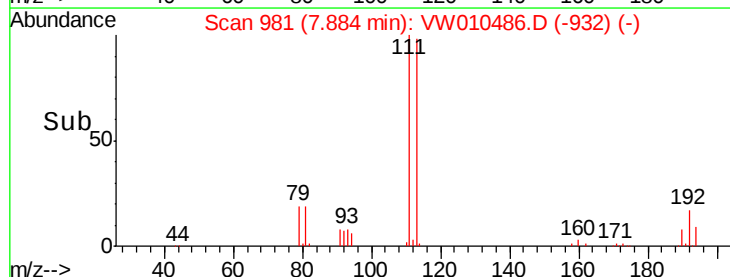
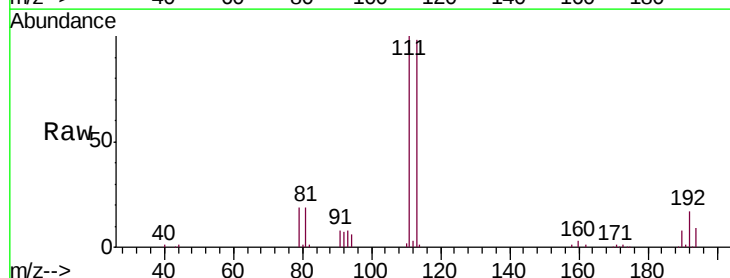
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-17(1.9-2.4)

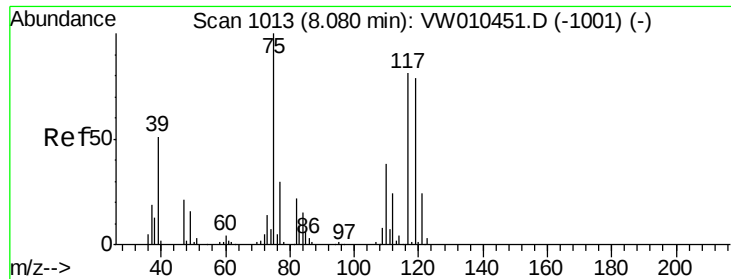
Tgt Ion:114 Resp: 229811
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 36.0
 88 16.2 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 51.689 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010486.D
 Acq: 21 May 2019 14:40

Tgt Ion:113 Resp: 72077
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 16.8 14.3 21.5

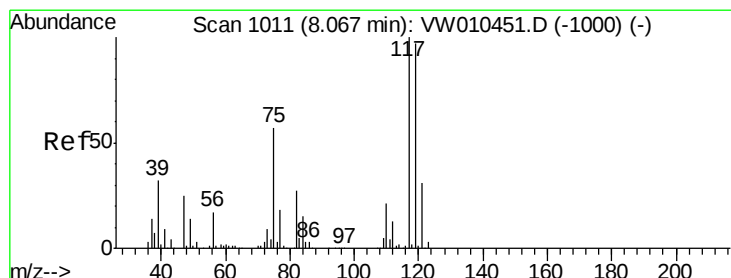
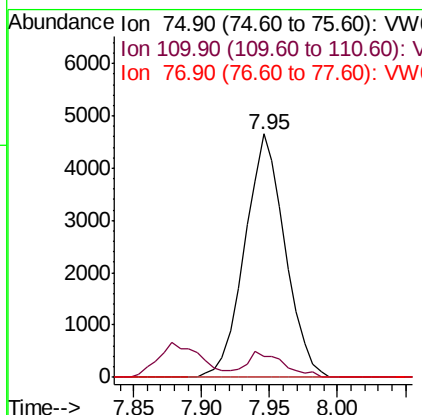
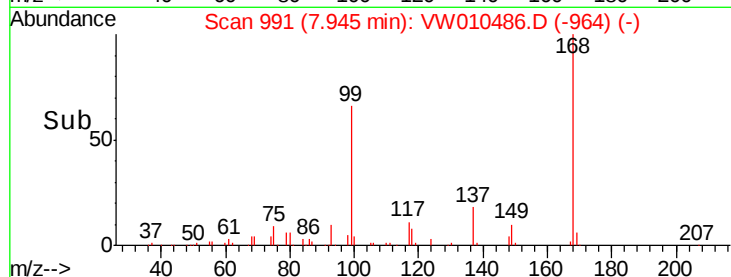
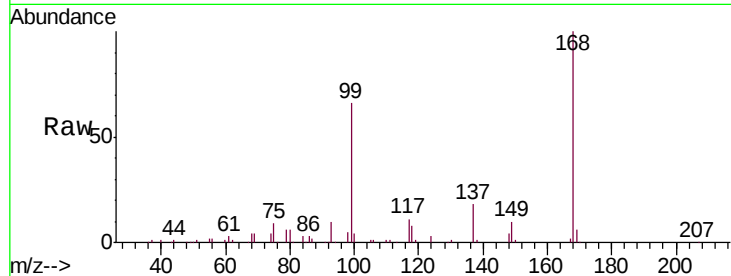




#36
 1,1-Dichloropropene
 Concen: 4.487 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010486.D
 Acq: 21 May 2019 14:40

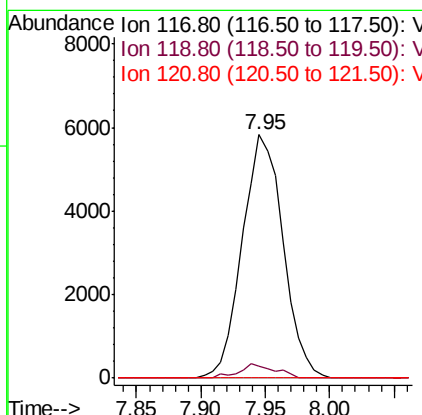
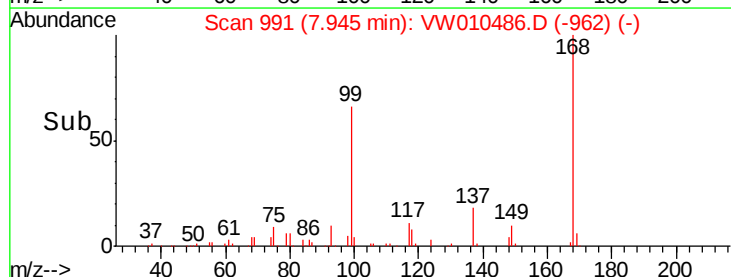
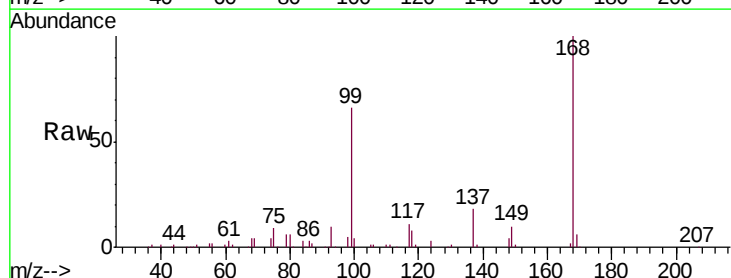
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-17(1.9-2.4)

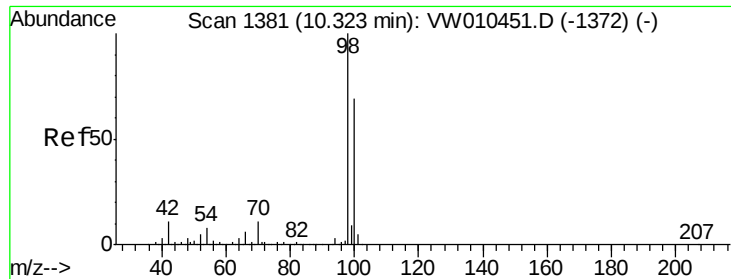
Tgt Ion: 75 Resp: 9606
 Ion Ratio Lower Upper
 75 100
 110 9.6 19.2 57.6#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.537 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010486.D
 Acq: 21 May 2019 14:40

Tgt Ion: 117 Resp: 12787
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.4 116.0#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 52.995 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010486.D

Acq: 21 May 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

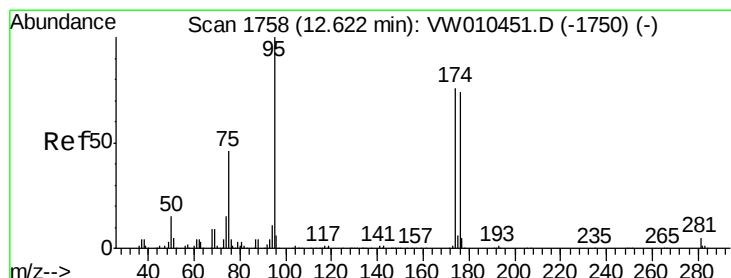
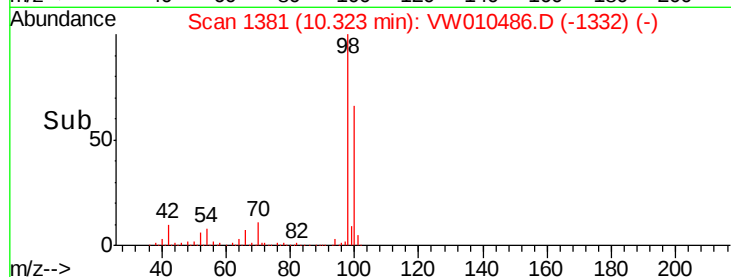
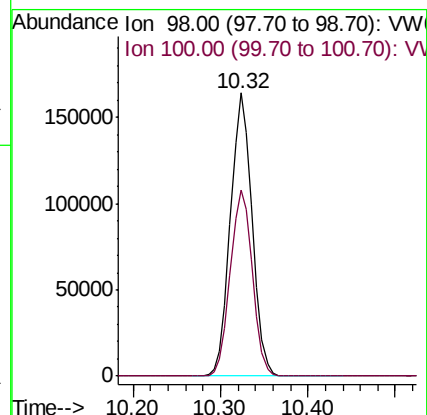
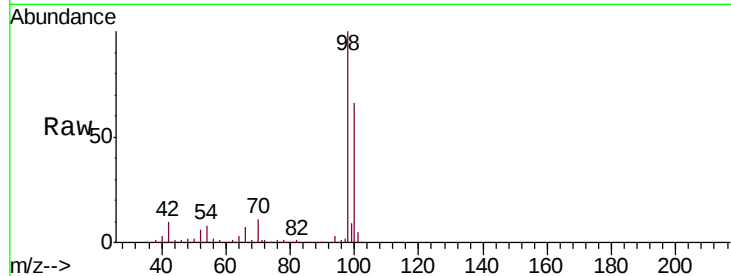
FESB-17(1.9-2.4)

Tgt Ion: 98 Resp: 282312

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 49.043 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010486.D

Acq: 21 May 2019 14:40

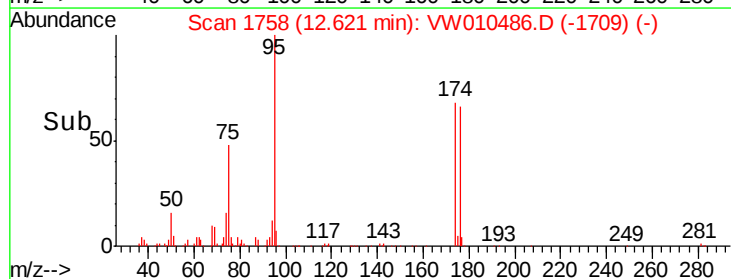
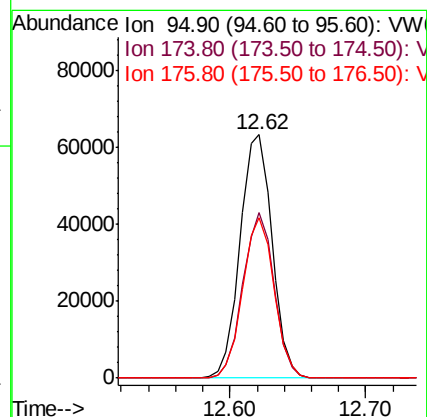
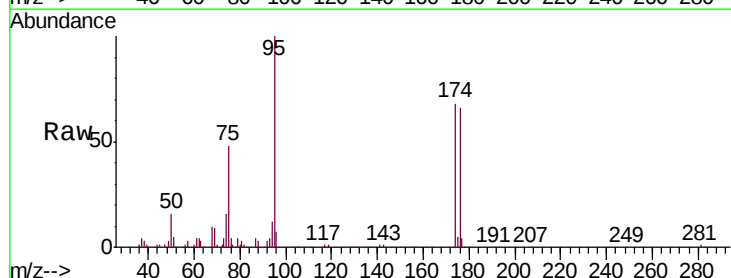
Tgt Ion: 95 Resp: 104063

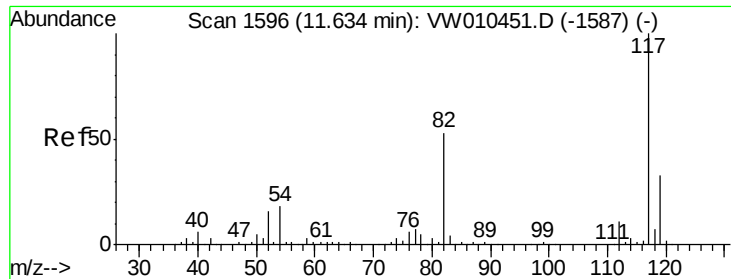
Ion Ratio Lower Upper

95 100

174 66.4 0.0 148.6

176 64.7 0.0 144.2

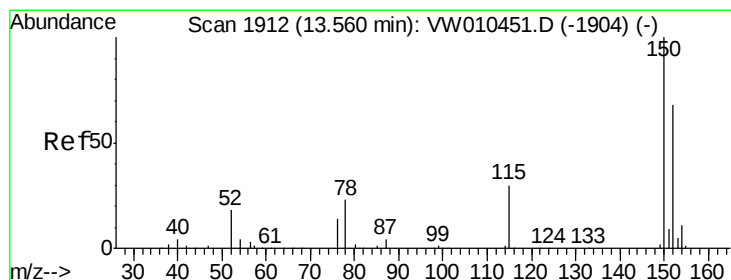
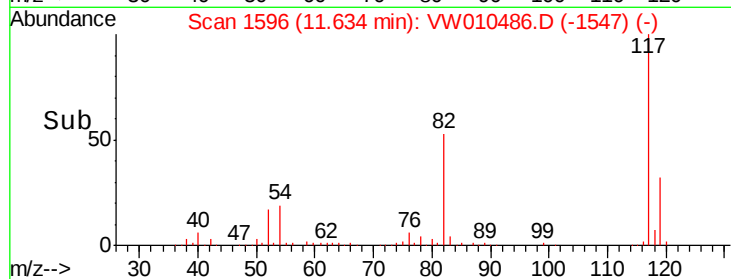
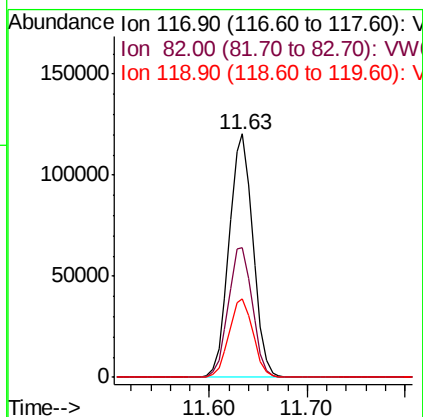
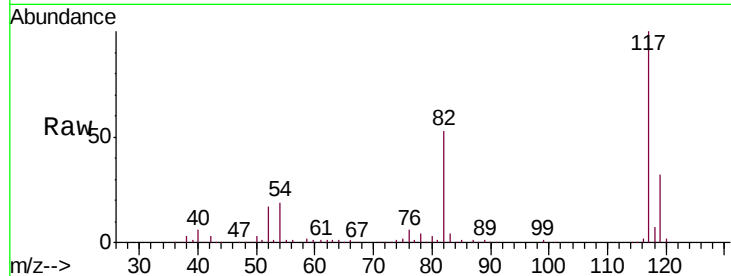




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010486.D
Acq: 21 May 2019 14:40

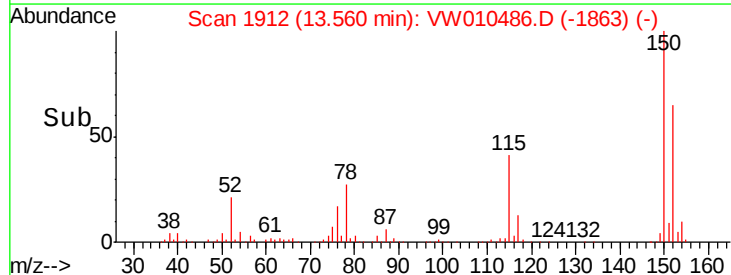
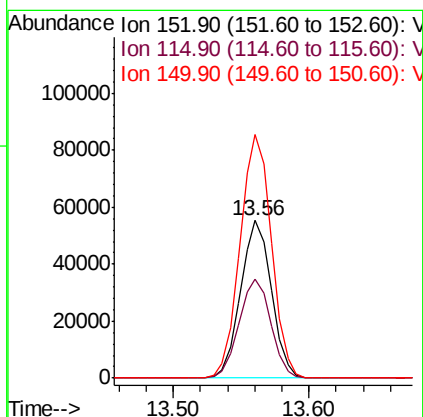
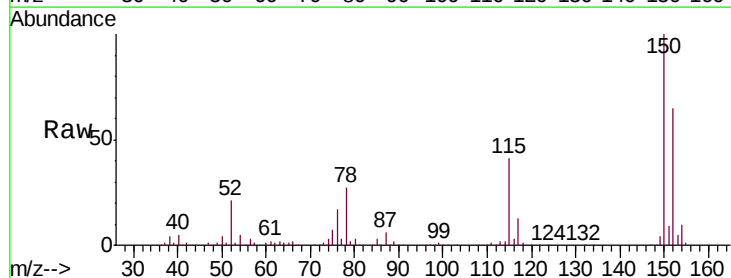
Instrument :
MSVOA_W
ClientSampleId :
FESB-17(1.9-2.4)

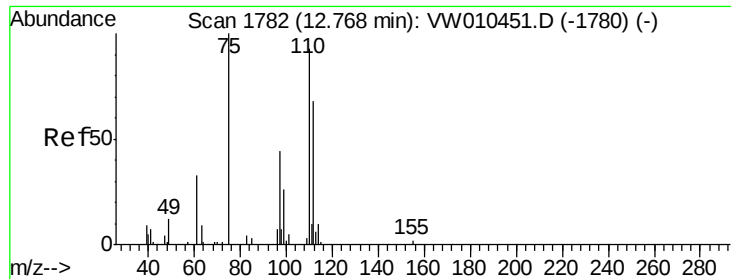
Tgt Ion:117 Resp: 203096
Ion Ratio Lower Upper
117 100
82 53.5 42.8 64.2
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010486.D
Acq: 21 May 2019 14:40

Tgt Ion:152 Resp: 87902
Ion Ratio Lower Upper
152 100
115 64.4 30.3 91.0
150 156.3 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 55.355 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010486.D

Acq: 21 May 2019 14:40

Instrument :

MSVOA_W

ClientSampleId :

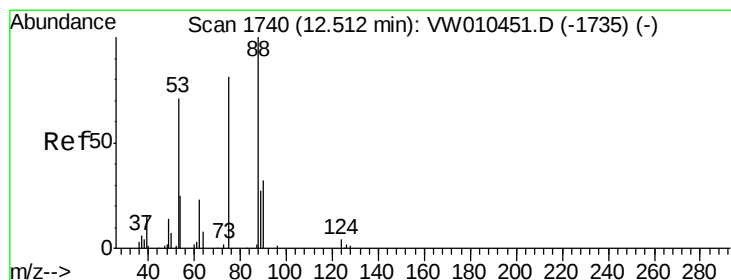
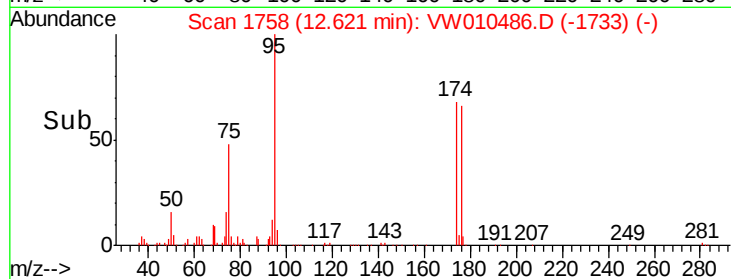
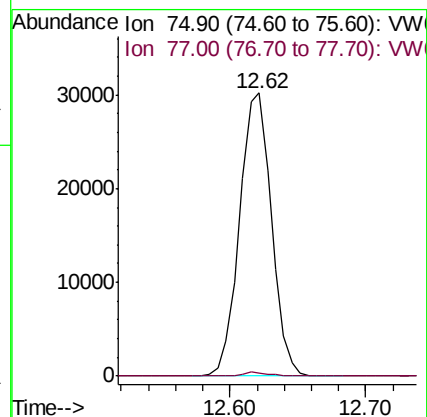
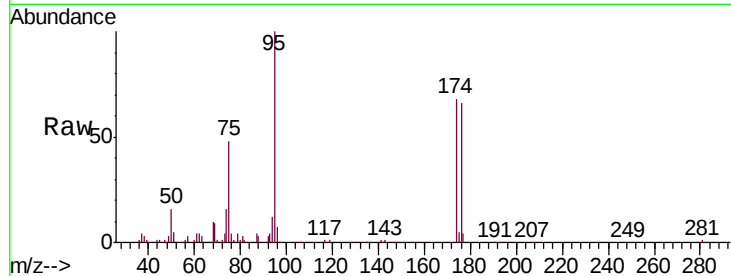
FESB-17(1.9-2.4)

Tgt Ion: 75 Resp: 49391

Ion Ratio Lower Upper

75 100

77 1.1 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 115.527 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010486.D

Acq: 21 May 2019 14:40

Tgt Ion: 75 Resp: 49391

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.1 39.5 59.3#

