

Data File : VW010487.D
Acq On : 21 May 2019 15:07
Operator : SY/VA
Sample : K2966-06
Misc : 5.19G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-18(2.5-3.0)

Quant Time: May 22 06:43:22 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	113833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	214533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	175757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62998	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68293	58.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.24%	
35) Dibromofluoromethane	7.88	113	68201	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
50) Toluene-d8	10.32	98	257076	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	84413	42.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.24%	

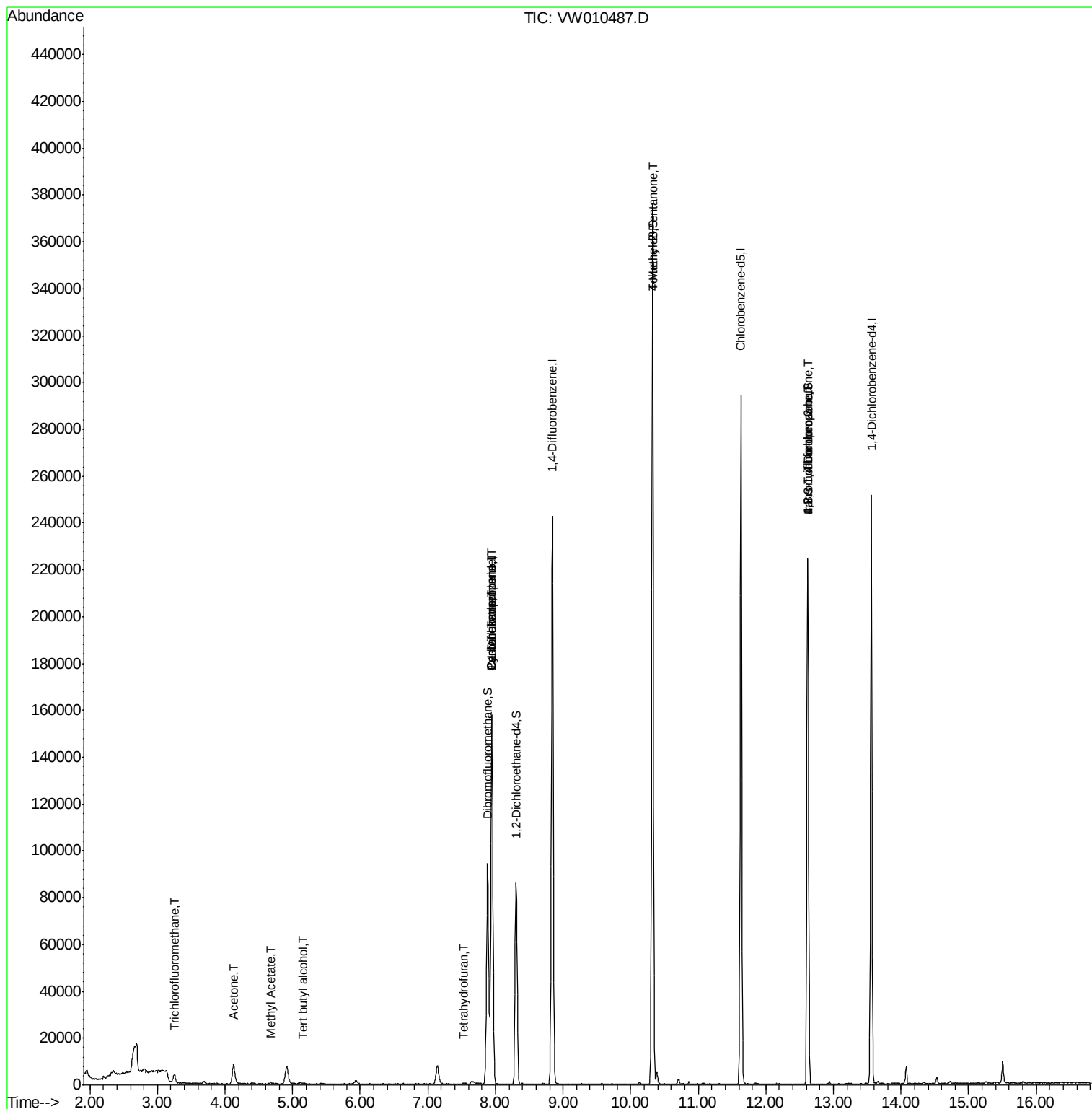
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.00	85	20	Below Cal	#	42
7) Trichlorofluoromethane	3.26	101	3510	1.716	ug/l	99
11) Tert butyl alcohol	5.15	59	384	3.633	ug/l	99
13) Acrolein	3.77	56	19	Below Cal	#	1
16) Acetone	4.12	43	14831	61.839	ug/l	95
18) Methyl Acetate	4.67	43	1412	2.407	ug/l #	69
20) Methylene Chloride	4.91	84	6276	Below Cal		94
29) Tetrahydrofuran	7.52	42	432	1.860	ug/l #	40
31) Cyclohexane	7.95	56	2350	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8975	4.491	ug/l #	49
38) Carbon Tetrachloride	7.95	117	12253	5.684	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1203	1.398	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	40659	63.582	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	40659	132.698	ug/l #	14

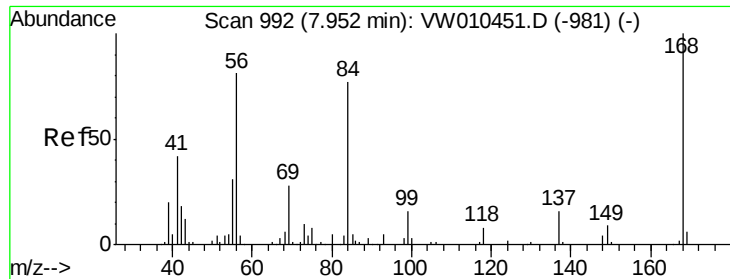
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW010487.D
Acq On : 21 May 2019 15:07
Operator : SY/VA
Sample : K2966-06
Misc : 5.19G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
FESB-18(2.5-3.0)

Quant Time: May 22 06:43:22 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010487.D

Acq: 21 May 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

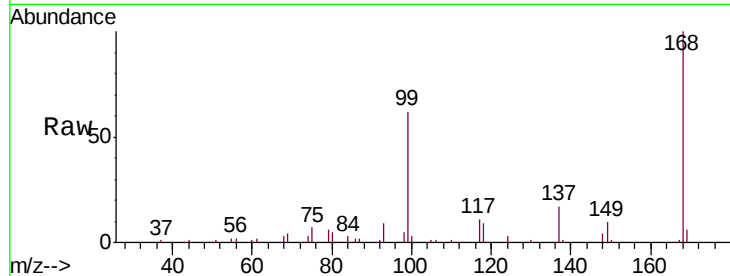
FESB-18(2.5-3.0)

Tgt Ion:168 Resp: 113833

Ion Ratio Lower Upper

168 100

99 61.5 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

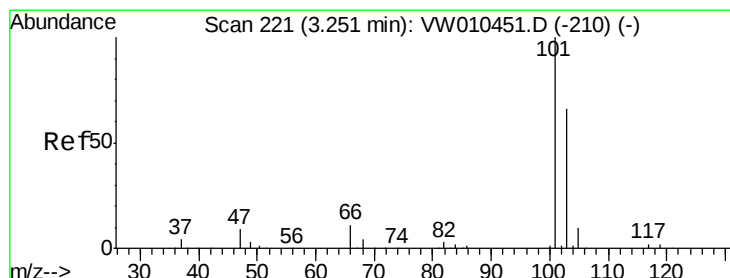
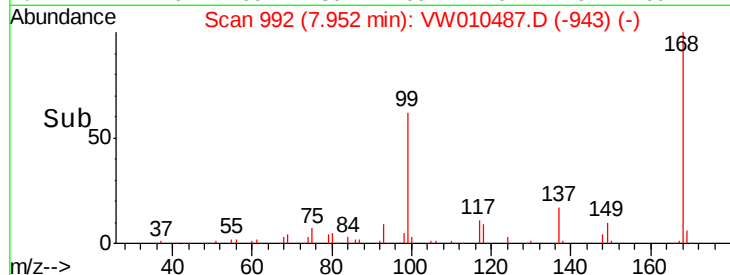
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#7

Trichlorofluoromethane

Concen: 1.716 ug/l

RT: 3.26 min Scan# 222

Delta R.T. 0.01 min

Lab File: VW010487.D

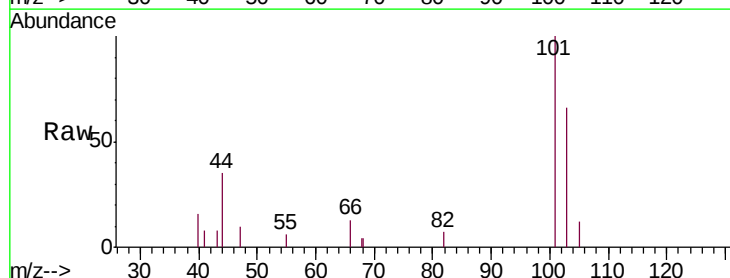
Acq: 21 May 2019 15:07

Tgt Ion:101 Resp: 3510

Ion Ratio Lower Upper

101 100

103 65.7 53.0 79.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.26

1500

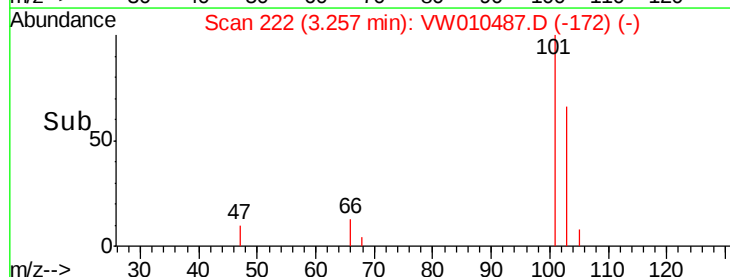
1000

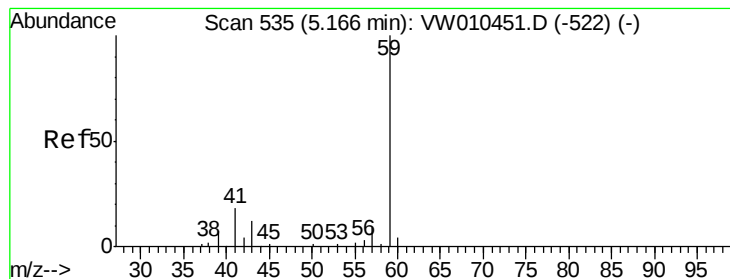
500

0

Time-->

3.20 3.25 3.30



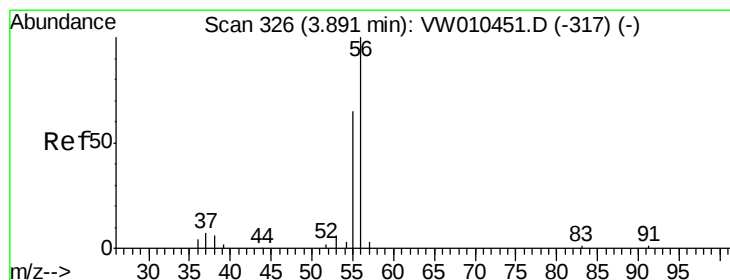
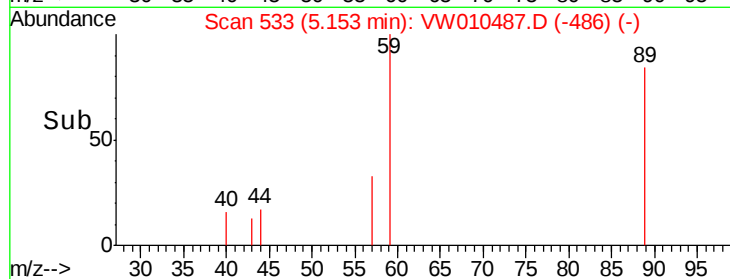
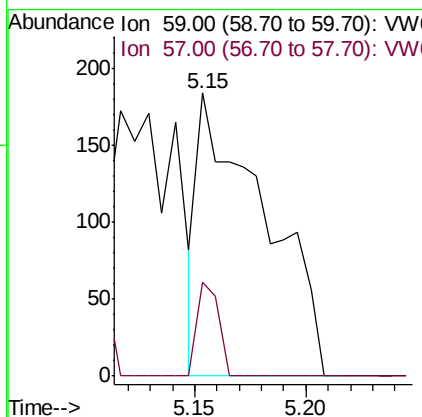
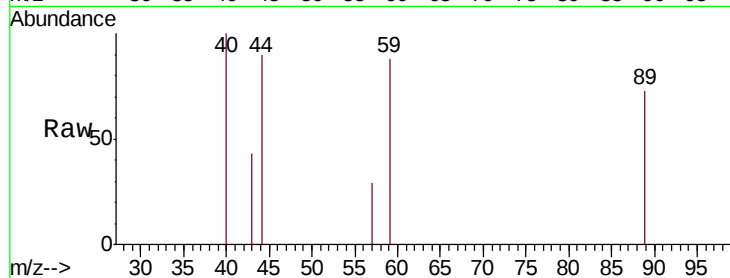


#11

Tert butyl alcohol
 Concen: 3.633 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW010487.D
 Acq: 21 May 2019 15:07

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-18(2.5-3.0)

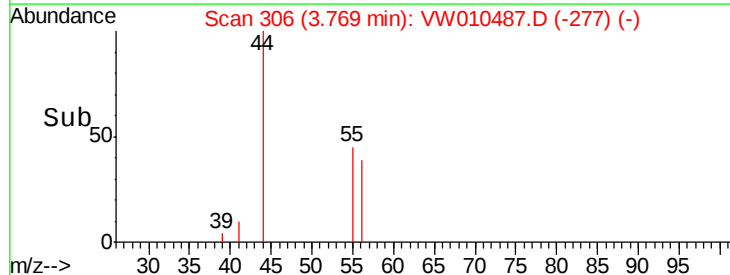
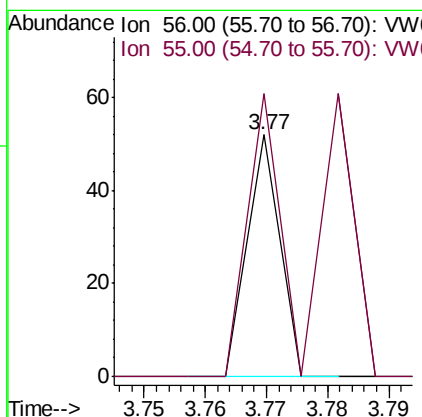
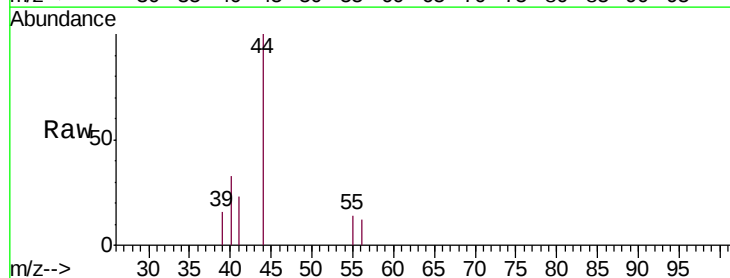
Tgt Ion: 59 Resp: 384
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.8 13.2

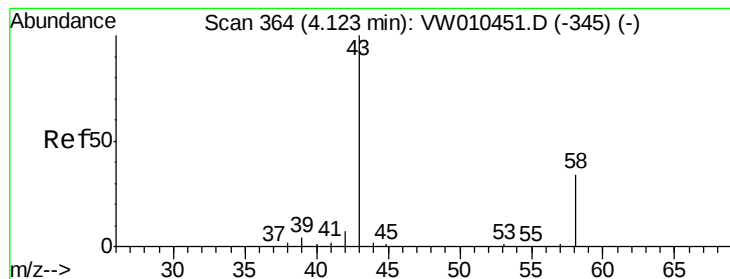


#13

Acrolein
 Concen: Below Cal
 RT: 3.77 min Scan# 306
 Delta R.T. -0.12 min
 Lab File: VW010487.D
 Acq: 21 May 2019 15:07

Tgt Ion: 56 Resp: 19
 Ion Ratio Lower Upper
 56 100
 55 236.8 57.9 86.9#





#16

Acetone

Concen: 61.839 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010487.D

Acq: 21 May 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

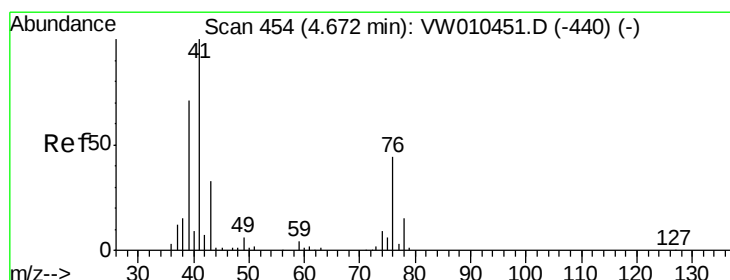
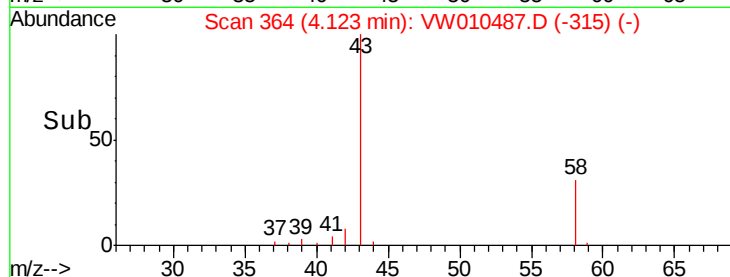
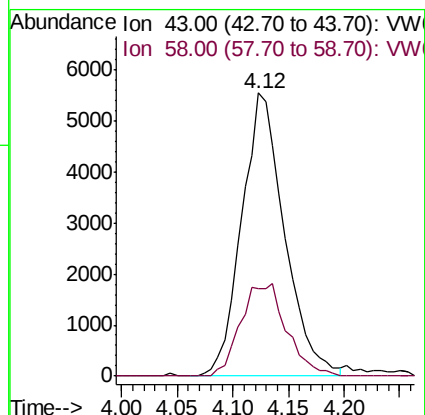
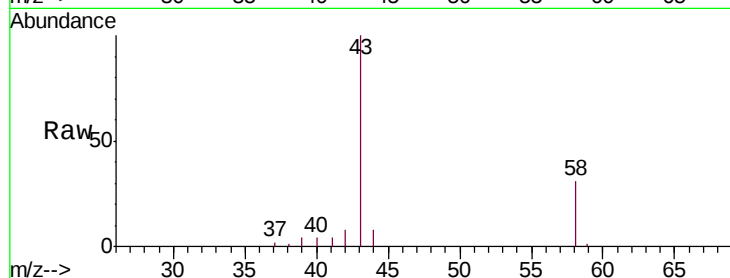
FESB-18(2.5-3.0)

Tgt Ion: 43 Resp: 14831

Ion Ratio Lower Upper

43 100

58 31.1 27.0 40.4



#18

Methyl Acetate

Concen: 2.407 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010487.D

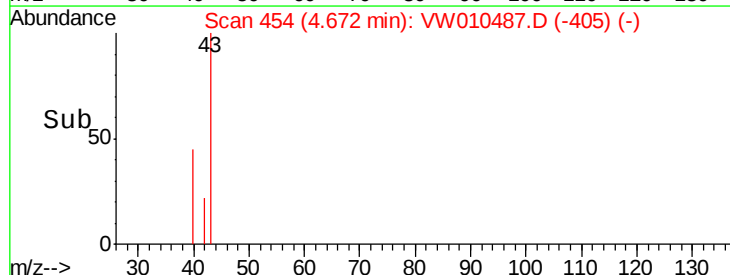
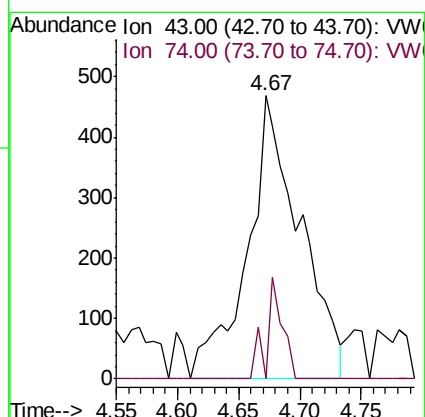
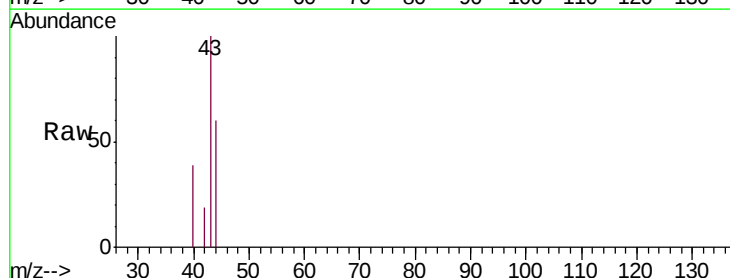
Acq: 21 May 2019 15:07

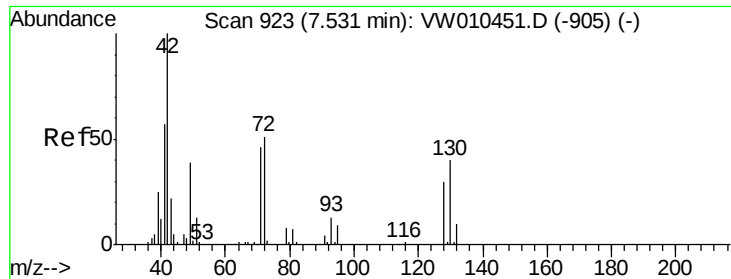
Tgt Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

74 10.8 21.6 32.4#

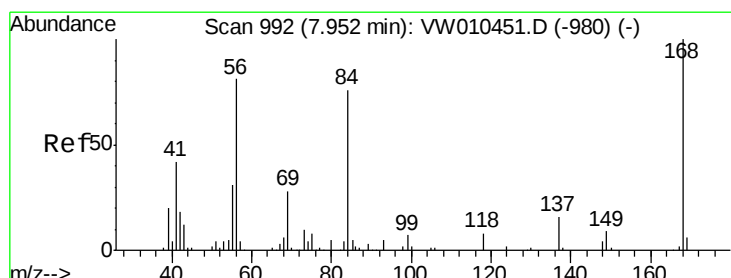
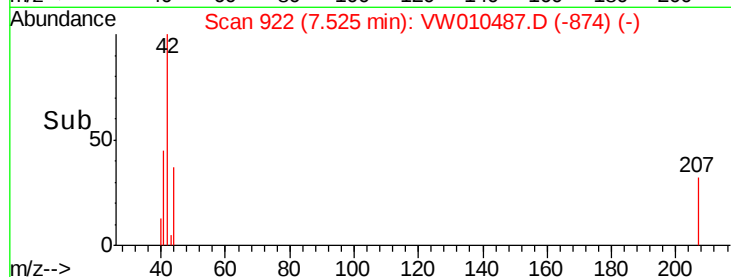
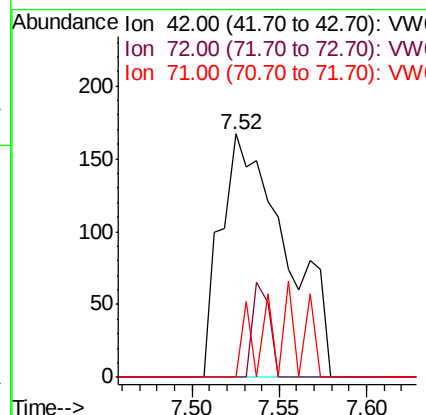
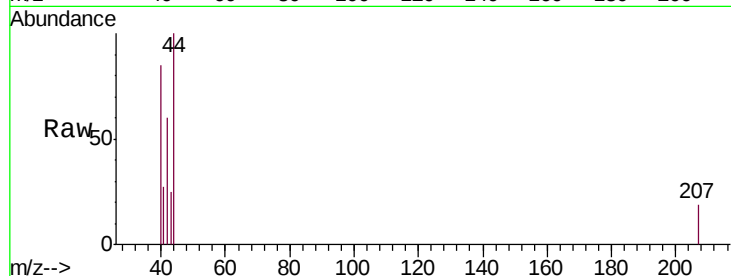




#29
Tetrahydrofuran
Concen: 1.860 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW010487.D
Acq: 21 May 2019 15:07

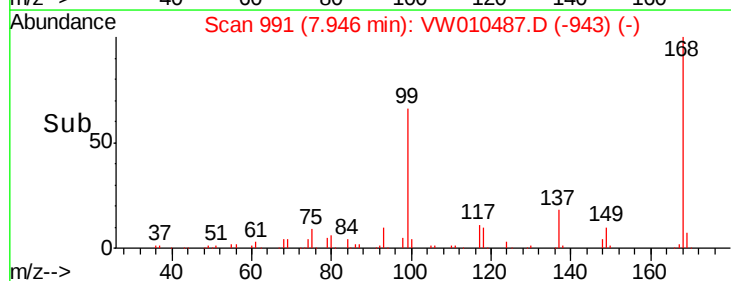
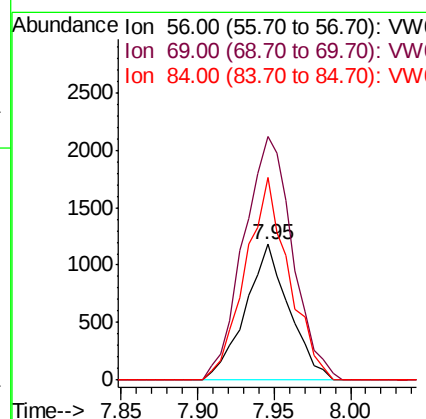
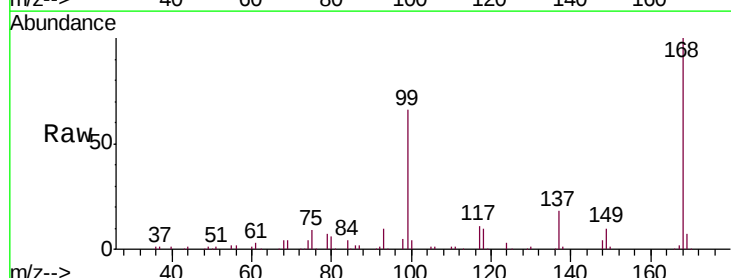
Instrument :
MSVOA_W
ClientSampleId :
FESB-18(2.5-3.0)

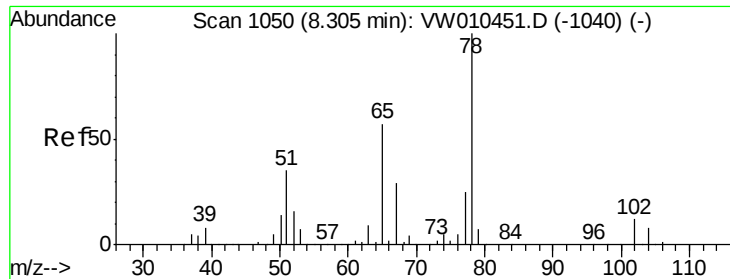
Tgt Ion: 42 Resp: 432
Ion Ratio Lower Upper
42 100
72 9.7 38.5 57.7#
71 4.4 36.5 54.7#



#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010487.D
Acq: 21 May 2019 15:07

Tgt Ion: 56 Resp: 2350
Ion Ratio Lower Upper
56 100
69 179.6 28.2 42.2#
84 157.2 75.8 113.8#

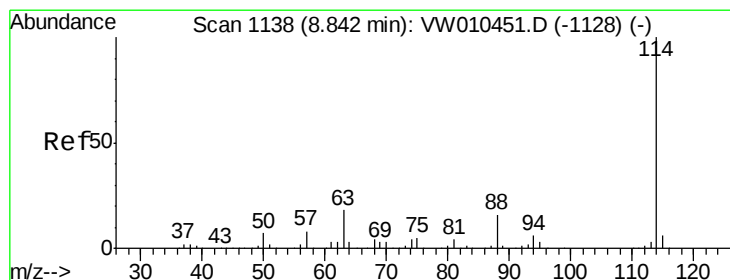
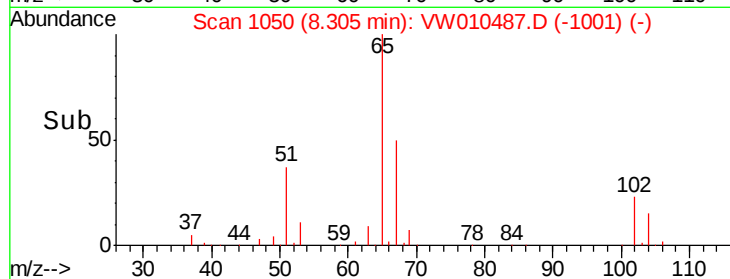
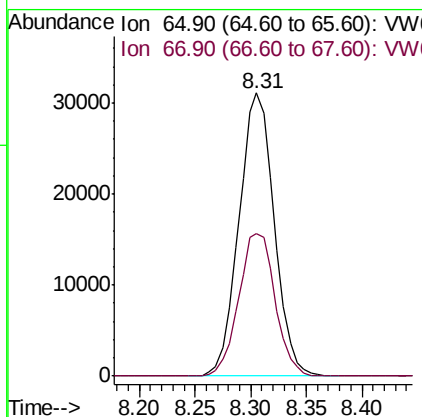
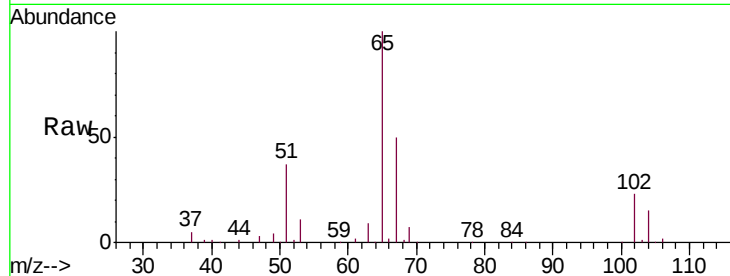




#33
 1,2-Dichloroethane-d4
 Concen: 58.124 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010487.D
 Acq: 21 May 2019 15:07

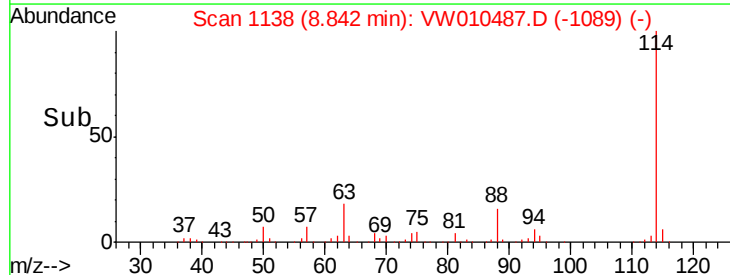
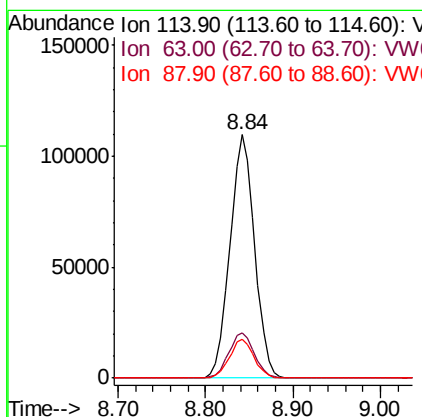
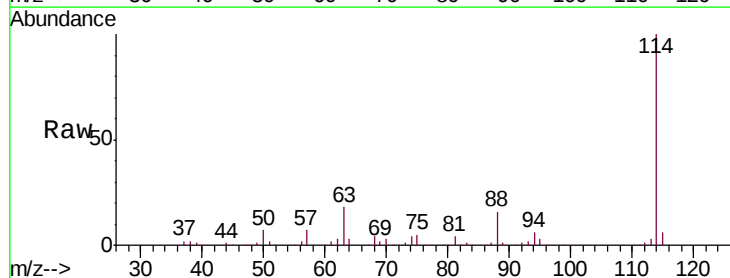
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-18(2.5-3.0)

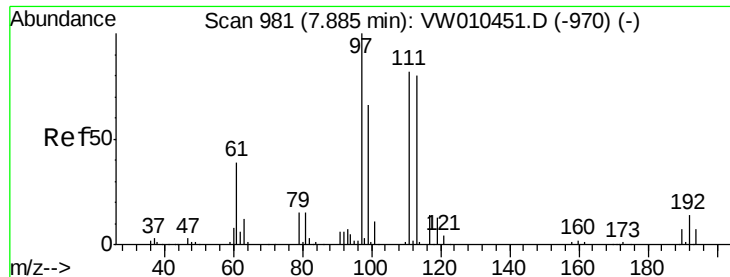
Tgt Ion: 65 Resp: 68293
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010487.D
 Acq: 21 May 2019 15:07

Tgt Ion: 114 Resp: 214533
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.0
 88 15.7 0.0 32.0

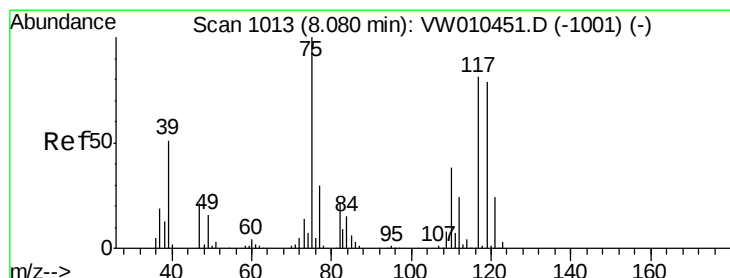
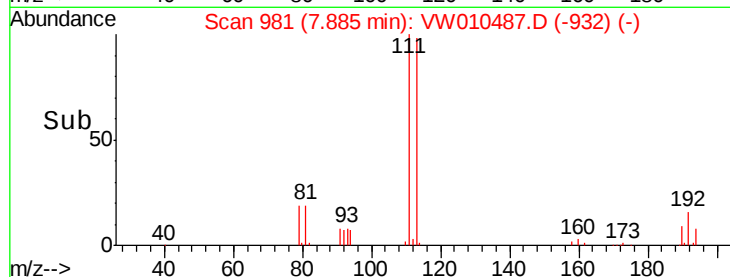
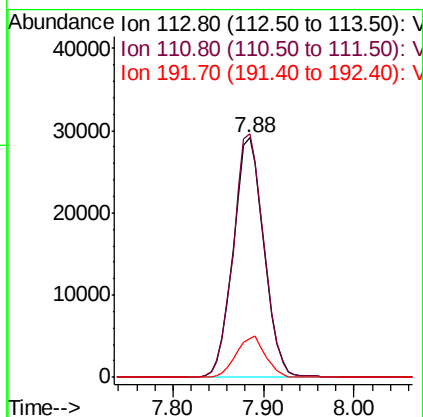
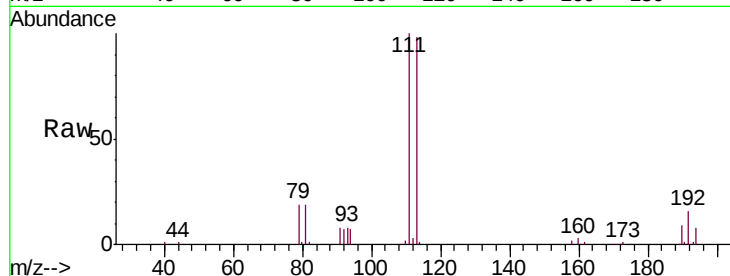




#35
 Dibromofluoromethane
 Concen: 52.392 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010487.D
 Acq: 21 May 2019 15:07

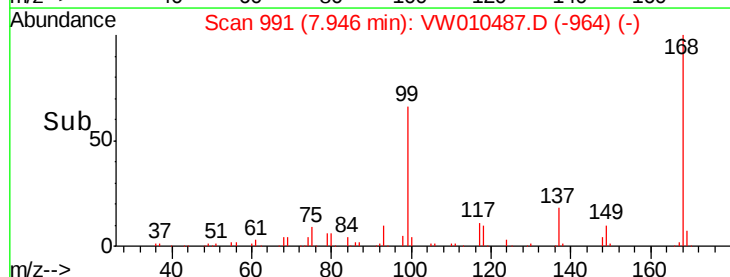
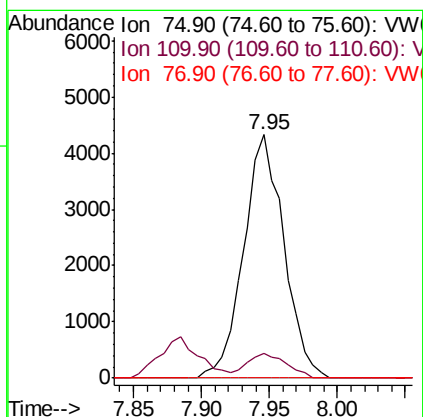
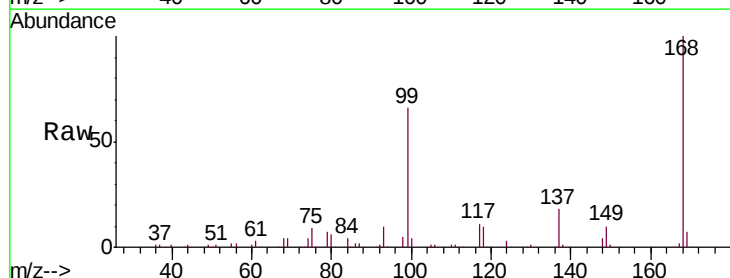
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-18(2.5-3.0)

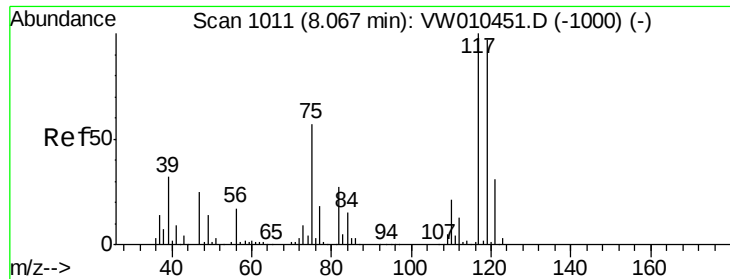
Tgt Ion:113 Resp: 68201
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 16.5 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.491 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010487.D
 Acq: 21 May 2019 15:07

Tgt Ion: 75 Resp: 8975
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.2 57.6#
 77 0.0 25.2 37.8#

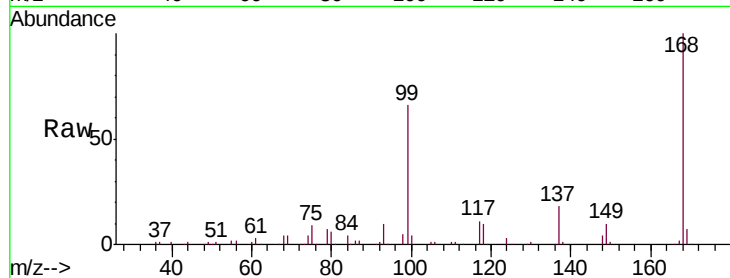




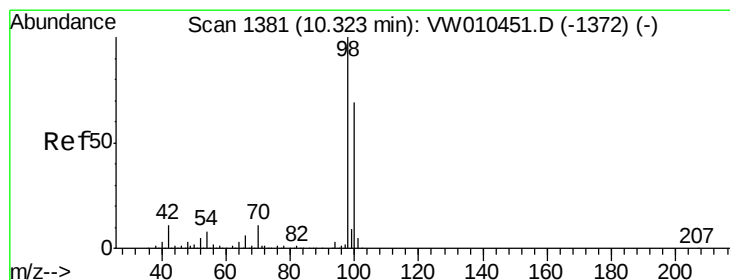
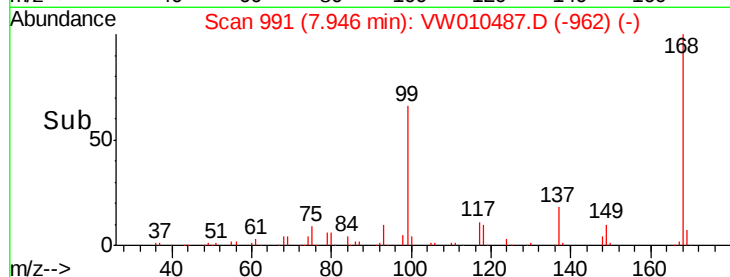
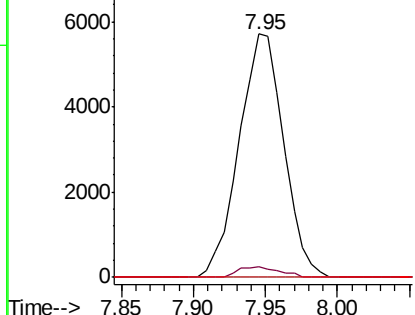
#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010487.D
Acq: 21 May 2019 15:07

Instrument :
MSVOA_W
ClientSampleId :
FESB-18(2.5-3.0)

Tgt Ion: 117 Resp: 12253
Ion Ratio Lower Upper
117 100
119 4.3 77.4 116.0#
121 0.0 25.0 37.6#

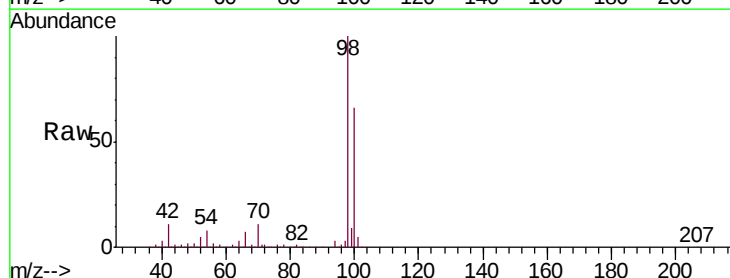


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

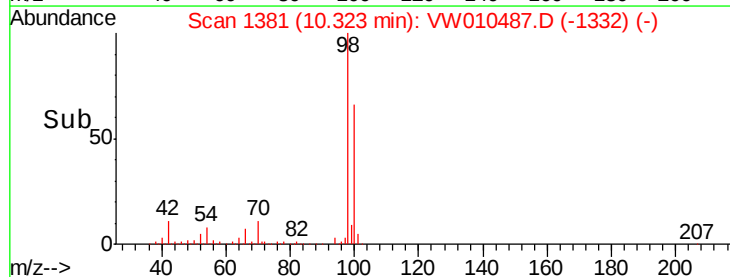
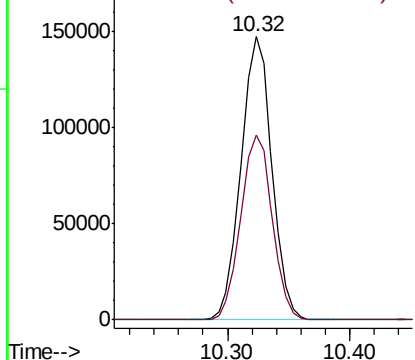


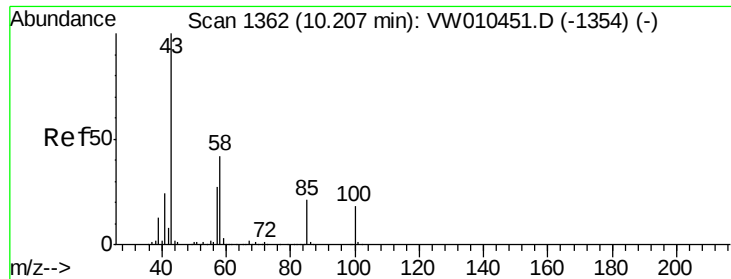
#50
Toluene-d8
Concen: 51.695 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010487.D
Acq: 21 May 2019 15:07

Tgt Ion: 98 Resp: 257076
Ion Ratio Lower Upper
98 100
100 66.9 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.398 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW010487.D

Acq: 21 May 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

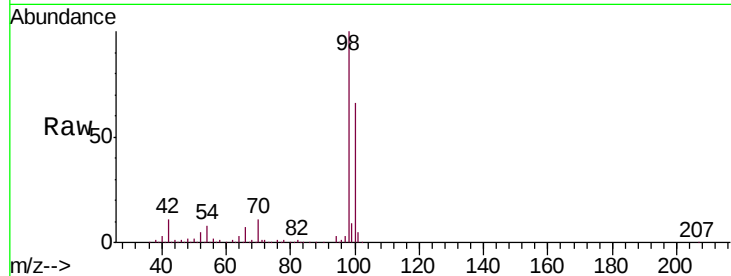
FESB-18(2.5-3.0)

Tgt Ion: 43 Resp: 1203

Ion Ratio Lower Upper

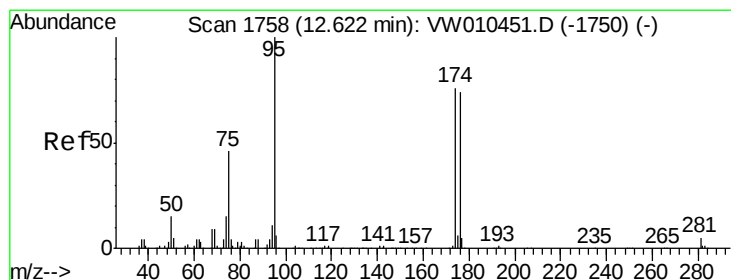
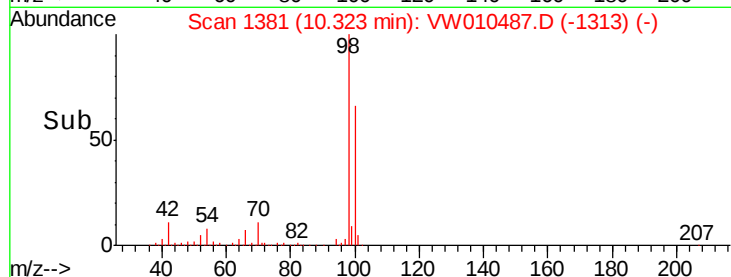
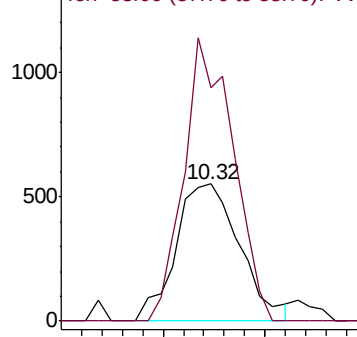
43 100

58 158.9 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 42.615 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010487.D

Acq: 21 May 2019 15:07

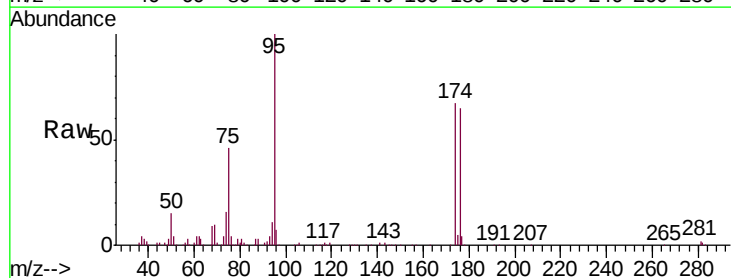
Tgt Ion: 95 Resp: 84413

Ion Ratio Lower Upper

95 100

174 67.3 0.0 148.6

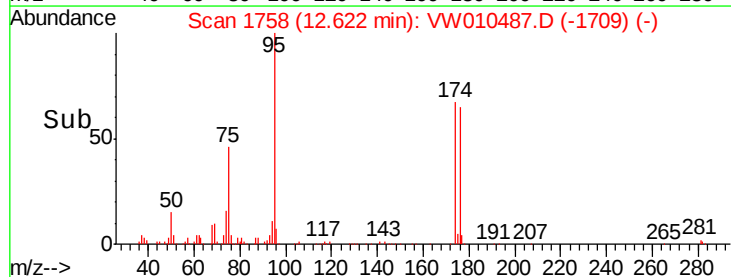
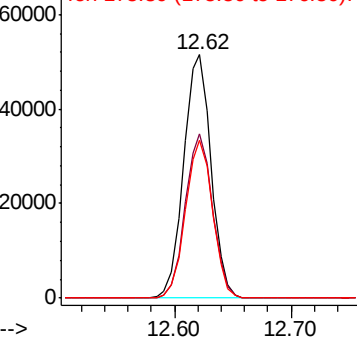
176 64.4 0.0 144.2

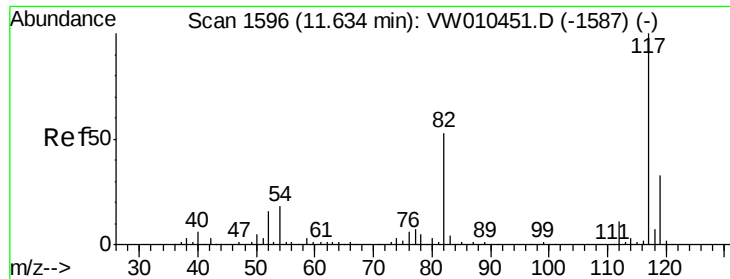


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

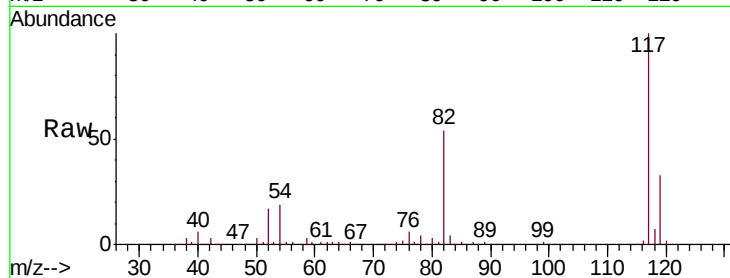




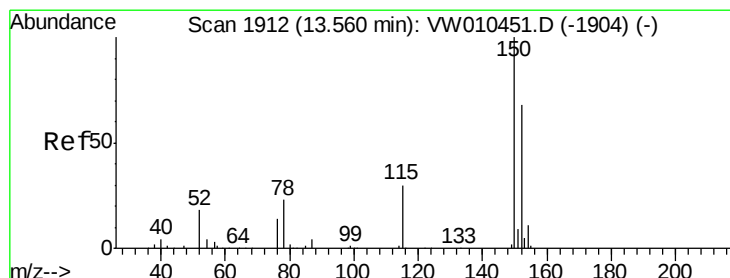
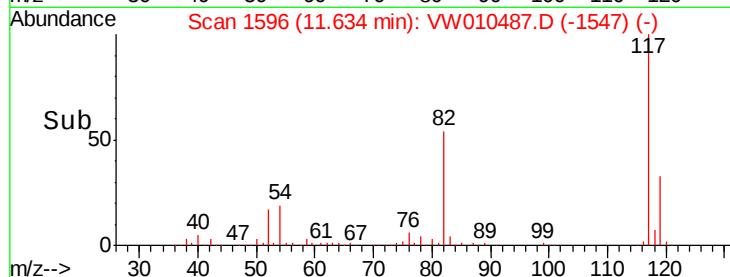
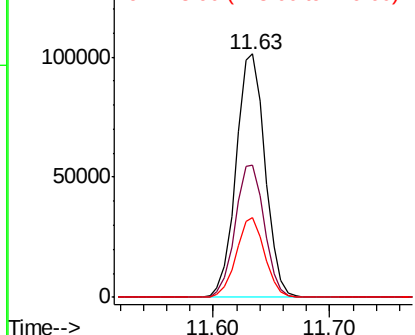
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010487.D
Acq: 21 May 2019 15:07

Instrument :
MSVOA_W
ClientSampleId :
FESB-18(2.5-3.0)

Tgt Ion:117 Resp: 175757
Ion Ratio Lower Upper
117 100
82 54.5 42.8 64.2
119 32.9 26.3 39.5

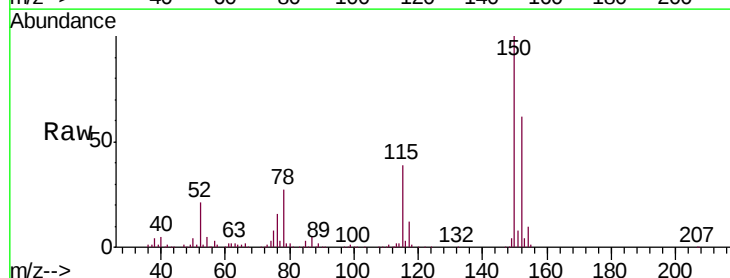


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VV
Ion 118.90 (118.60 to 119.60): V

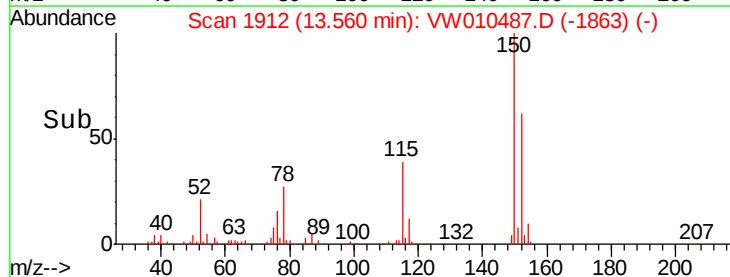
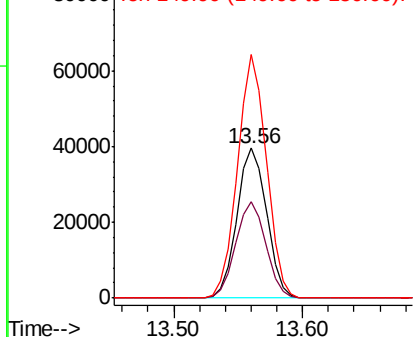


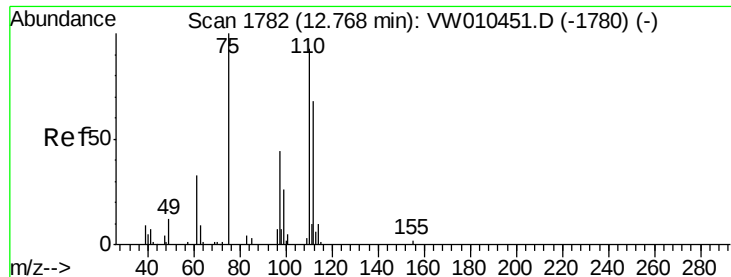
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010487.D
Acq: 21 May 2019 15:07

Tgt Ion:152 Resp: 62998
Ion Ratio Lower Upper
152 100
115 65.1 30.3 91.0
150 158.6 0.0 349.8



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: 63.582 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW010487.D

Acq: 21 May 2019 15:07

Instrument :

MSVOA_W

ClientSampleId :

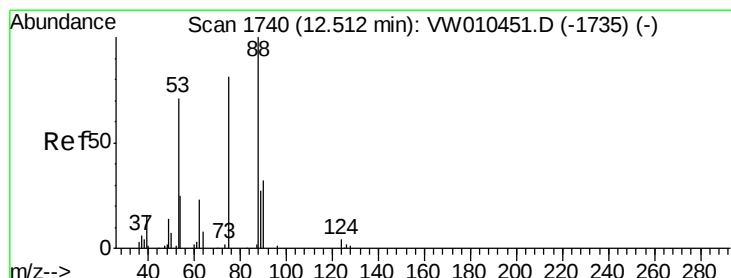
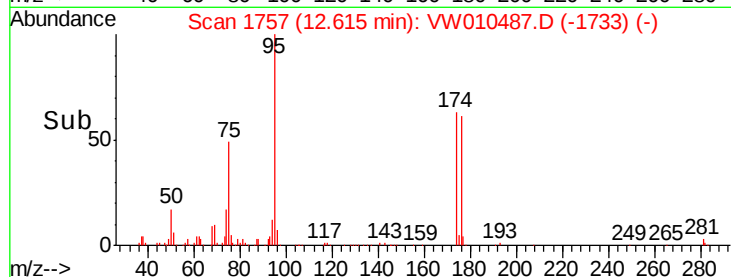
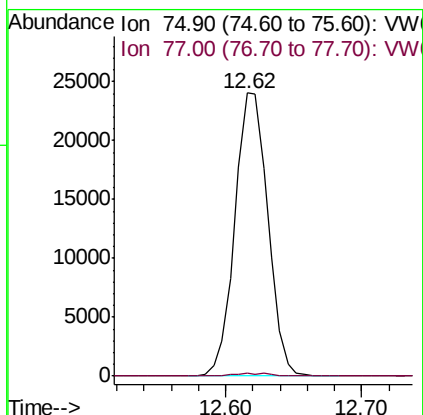
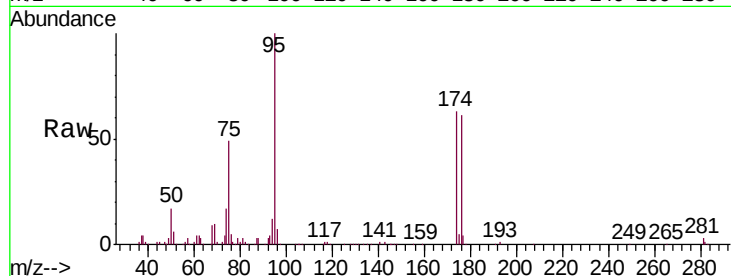
FESB-18(2.5-3.0)

Tgt Ion: 75 Resp: 40659

Ion Ratio Lower Upper

75 100

77 1.1 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.698 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW010487.D

Acq: 21 May 2019 15:07

Tgt Ion: 75 Resp: 40659

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

