

Data File : VW010634.D
Acq On : 31 May 2019 14:05
Operator : SY/VA
Sample : K3136-01
Misc : 6.04G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-24(6.5-7)

Quant Time: Jun 01 04:49:41 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	162778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	284019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	96870	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	86517	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
35) Dibromofluoromethane	7.88	113	83993	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.32	98	348013	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	122016	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.00	85	339	Below Cal		94
11) Tert butyl alcohol	5.16	59	402	2.660 ug/l #		71
13) Acrolein	3.89	56	73	Below Cal	#	13
15) Acrylonitrile	5.45	53	1944	5.007 ug/l #		34
16) Acetone	4.12	43	19858	57.903 ug/l		95
20) Methylene Chloride	4.92	84	6834	Below Cal		92
25) 2-Butanone	7.17	43	7495	15.271 ug/l #		86
29) Tetrahydrofuran	7.54	42	806	2.427 ug/l #		78
30) Chloroform	7.63	83	7456	2.270 ug/l #		17
31) Cyclohexane	7.95	56	67395	21.127 ug/l #		96
36) 1,1-Dichloropropene	7.95	75	12147	4.591 ug/l #		53
38) Carbon Tetrachloride	7.95	117	16428	5.756 ug/l #		15
39) Methylcyclohexane	9.34	83	105160	29.667 ug/l		98
40) Benzene	8.32	78	19285	2.622 ug/l		96
41) Methacrylonitrile	7.52	41	2193	3.280 ug/l #		46
43) Isopropyl Acetate	8.42	43	14451	6.429 ug/l #		49
47) Bromodichloromethane	9.62	83	11816	4.603 ug/l #		28
48) Methyl methacrylate	9.47	41	2640	2.567 ug/l #		28
51) 4-Methyl-2-Pentanone	10.32	43	7116	6.248 ug/l		94
52) Toluene	10.39	92	13816	2.798 ug/l		97
55) 1,1,2-Trichloroethane	10.76	97	39880	27.152 ug/l #		23
56) Ethyl methacrylate	10.66	69	10239	5.055 ug/l #		1
59) 2-Hexanone	10.93	43	29082	35.794 ug/l #		28
67) Ethyl Benzene	11.73	91	96134	10.462 ug/l		97
68) m/p-Xylenes	11.84	106	96414	26.750 ug/l		100
69) o-Xylene	12.16	106	69454	20.339 ug/l		100
70) Styrene	12.18	104	9802	1.692 ug/l #		1
73) Isopropylbenzene	12.46	105	52191	6.790 ug/l		100
74) N-amyl acetate	12.26	43	21907	12.437 ug/l #		52
75) 1,1,2,2-Tetrachloroethane	12.69	83	3220	2.303 ug/l #		96
76) 1,2,3-Trichloropropane	12.62	75	53402	54.309 ug/l #		1
78) n-propylbenzene	12.80	91	92493	10.325 ug/l		97
79) 2-Chlorotoluene	12.90	91	12797	2.463 ug/l #		52
80) 1,3,5-Trimethylbenzene	12.94	105	136559	20.975 ug/l		96

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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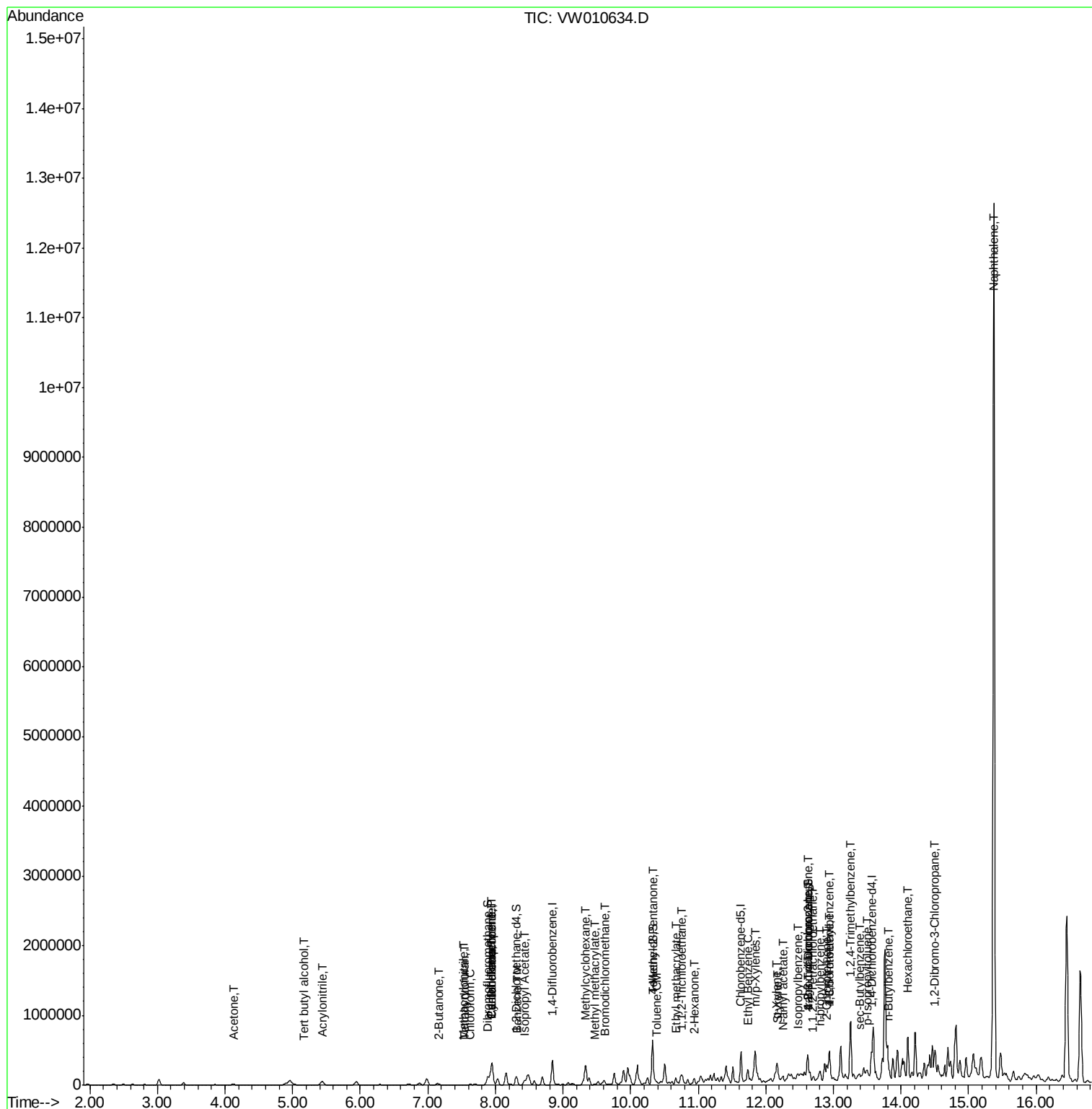
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.62	75	53402	113.345	ug/l #	14
82) 4-Chlorotoluene	12.94	91	14155	2.625	ug/l #	45
84) 1,2,4-Trimethylbenzene	13.26	105	485240	74.835	ug/l	99
85) sec-Butylbenzene	13.39	105	43218	5.430	ug/l #	55
86) p-Isopropyltoluene	13.50	119	49503	6.872	ug/l	96
89) n-Butylbenzene	13.82	91	54748	7.990	ug/l #	73
90) Hexachloroethane	14.10	117	29230	20.964	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3661	14.082	ug/l #	4
95) Naphthalene	15.37	128	10205988	2323.795	ug/l	98

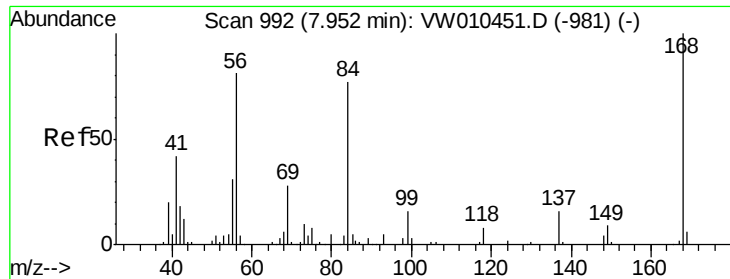
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

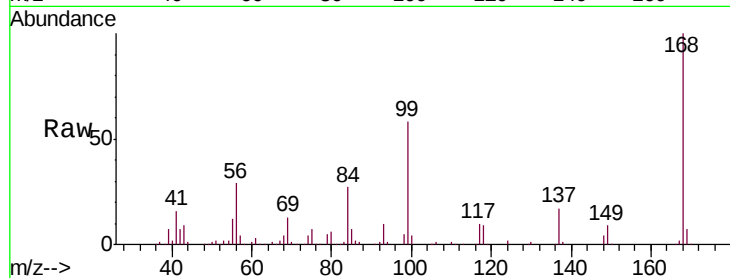
FESB-24(6.5-7)

Tgt Ion:168 Resp: 162778

Ion Ratio Lower Upper

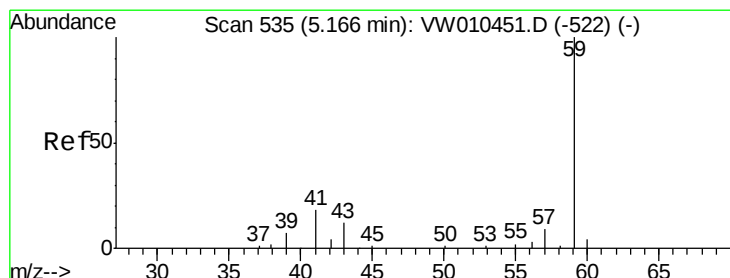
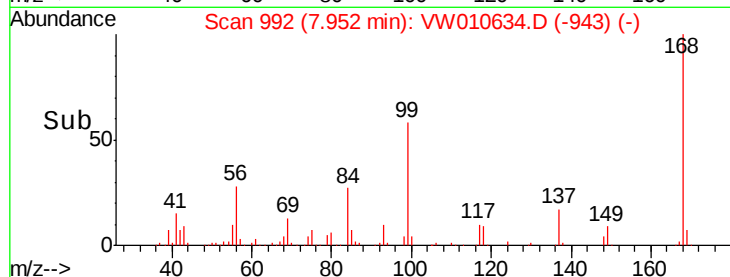
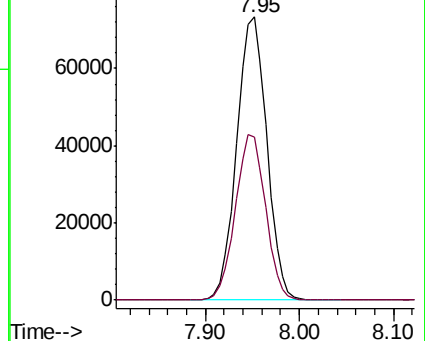
168 100

99 57.8 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.660 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW010634.D

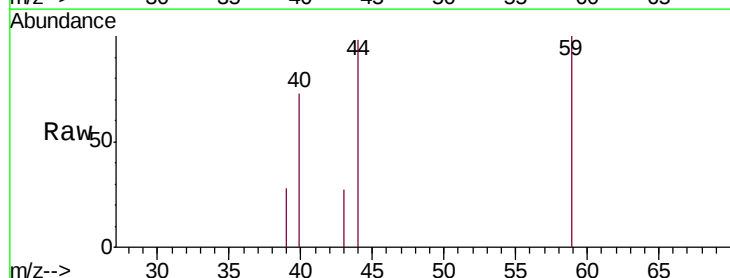
Acq: 31 May 2019 14:05

Tgt Ion: 59 Resp: 402

Ion Ratio Lower Upper

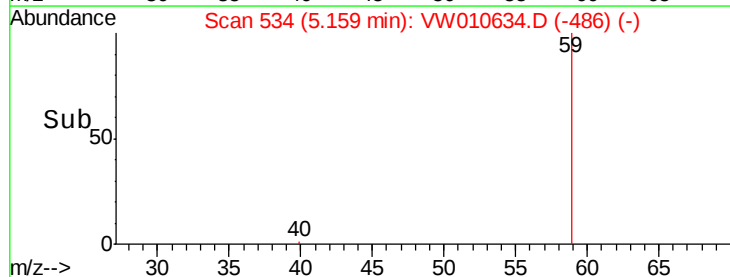
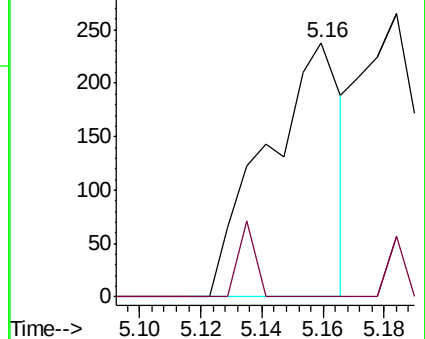
59 100

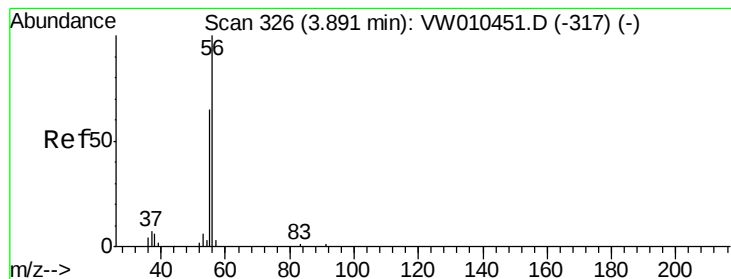
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: Below Cal

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

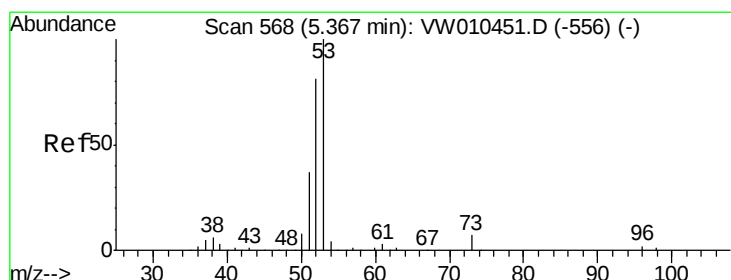
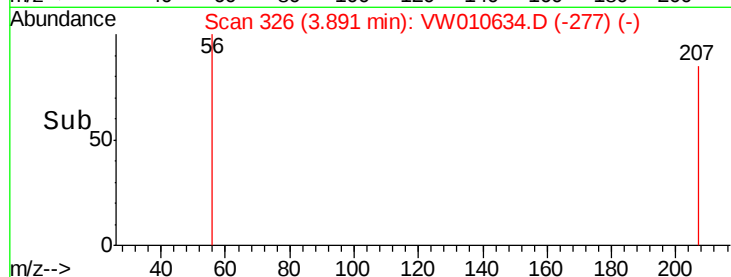
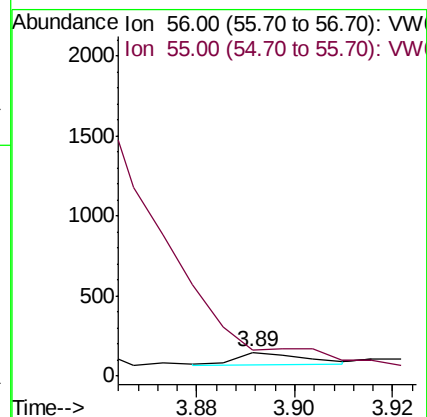
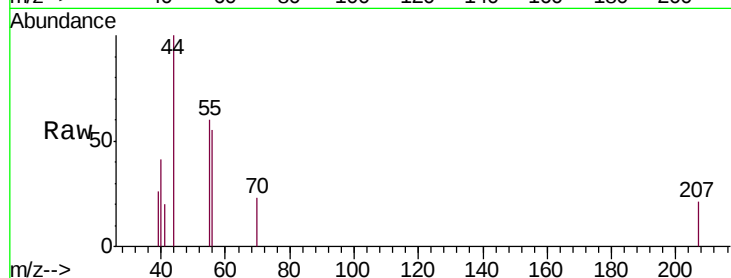
FESB-24(6.5-7)

Tgt Ion: 56 Resp: 73

Ion Ratio Lower Upper

56 100

55 0.0 57.9 86.9#



#15

Acrylonitrile

Concen: 5.007 ug/l

RT: 5.45 min Scan# 581

Delta R.T. 0.08 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

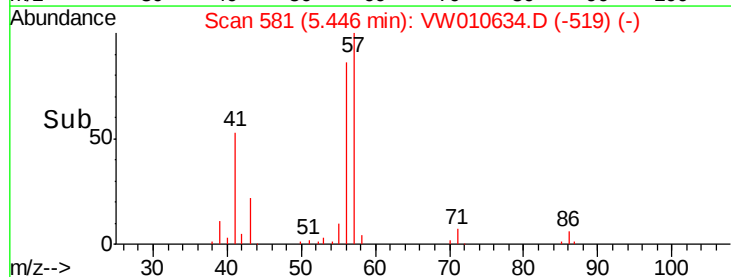
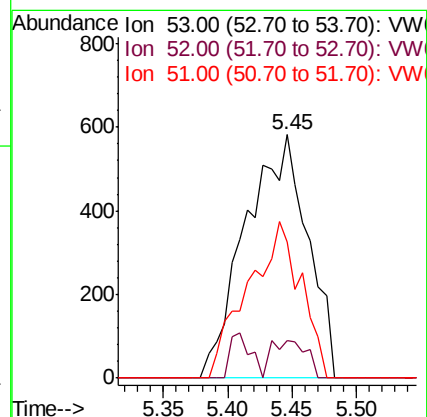
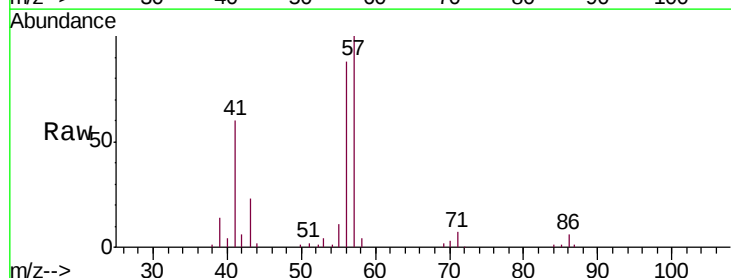
Tgt Ion: 53 Resp: 1944

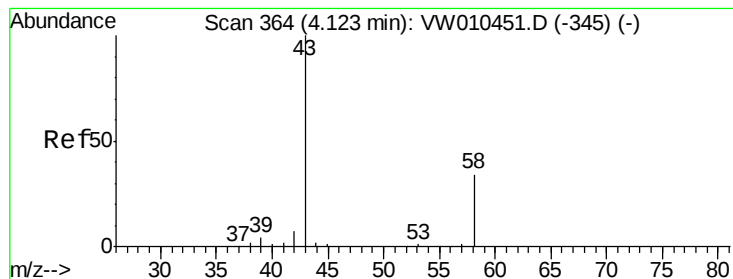
Ion Ratio Lower Upper

53 100

52 8.8 65.6 98.4#

51 55.3 29.5 44.3#





#16

Acetone

Concen: 57.903 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

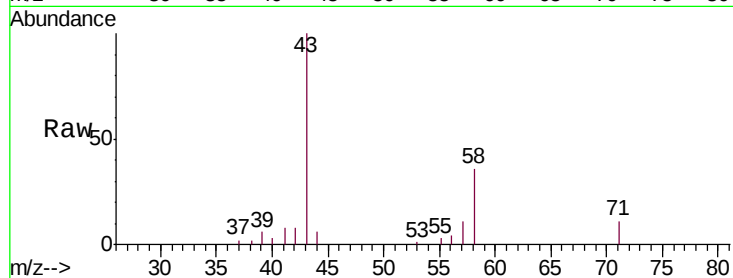
FESB-24(6.5-7)

Tgt Ion: 43 Resp: 19858

Ion Ratio Lower Upper

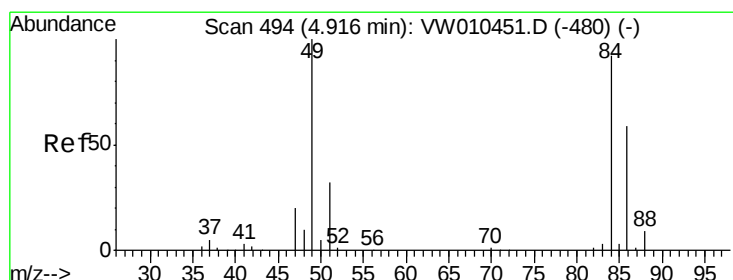
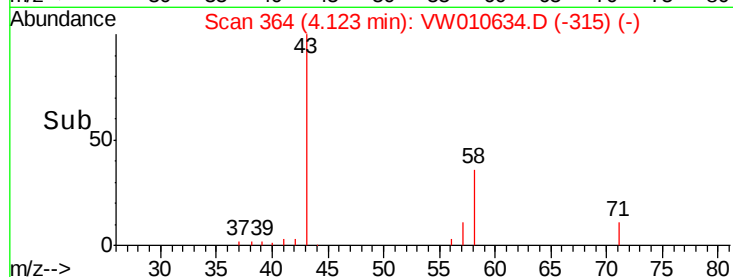
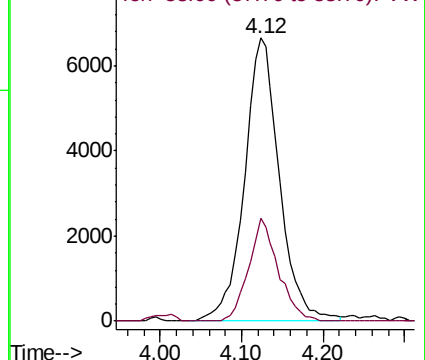
43 100

58 36.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Tgt Ion: 84 Resp: 6834

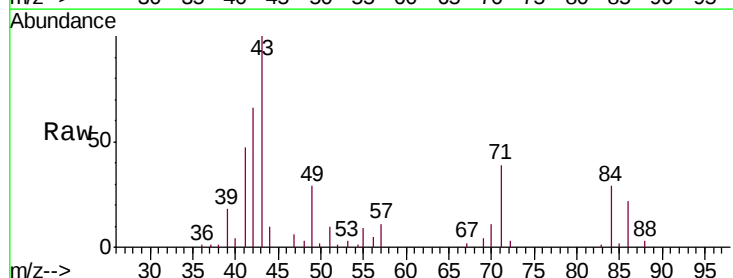
Ion Ratio Lower Upper

84 100

49 99.4 87.2 130.8

51 35.6 27.7 41.5

86 71.3 51.4 77.0

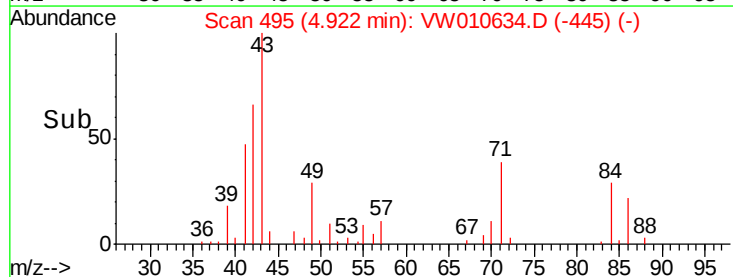
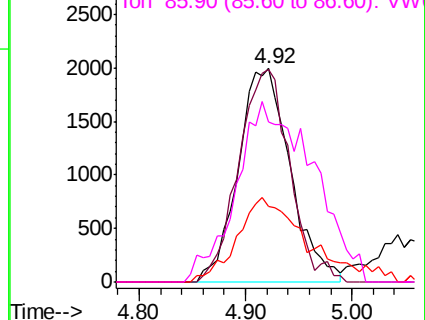


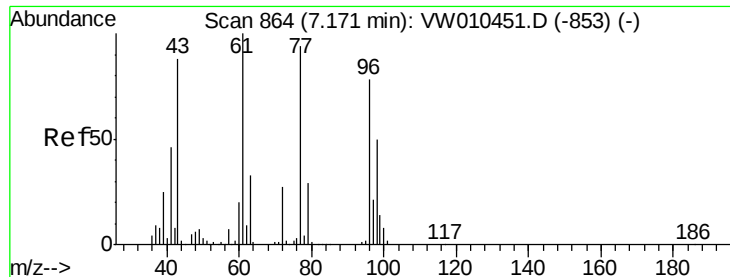
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 15.271 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

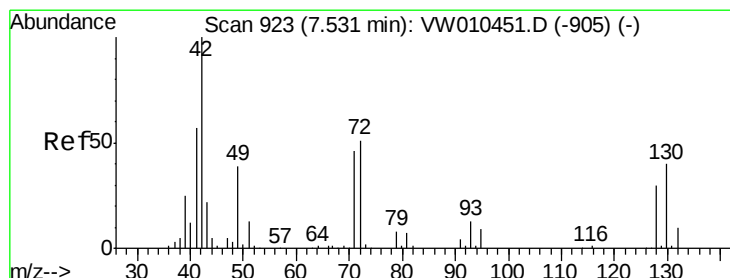
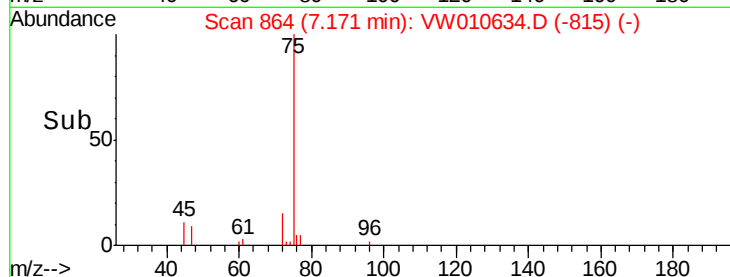
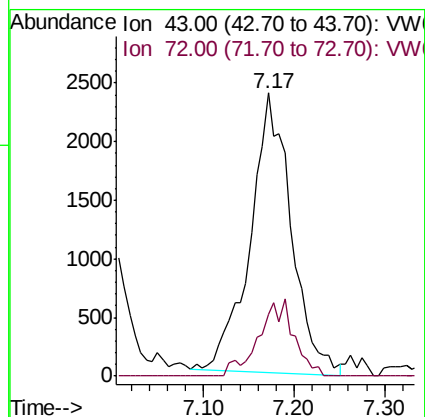
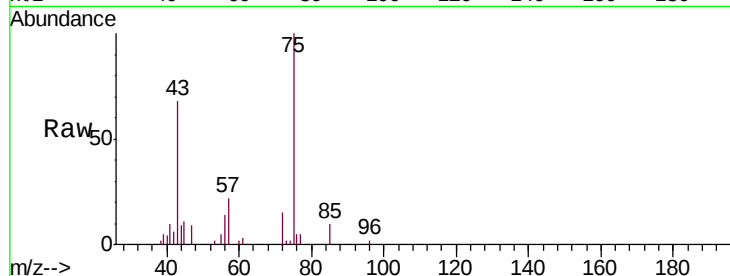
FESB-24(6.5-7)

Tgt Ion: 43 Resp: 7495

Ion Ratio Lower Upper

43 100

72 22.6 24.1 36.1#



#29

Tetrahydrofuran

Concen: 2.427 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

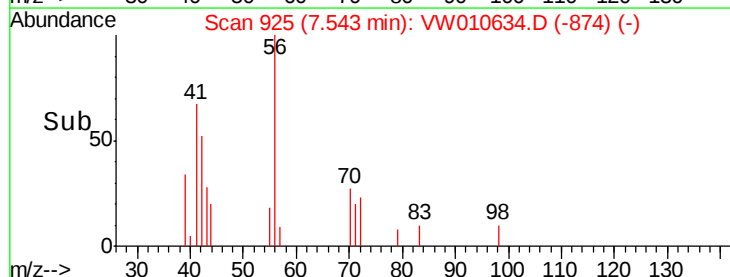
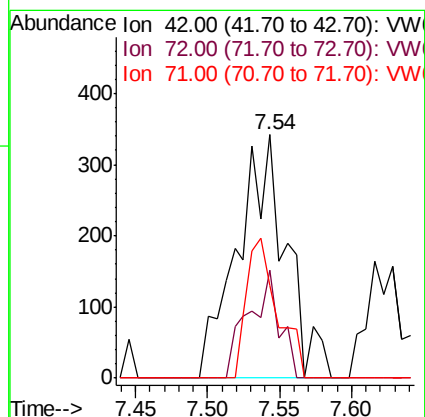
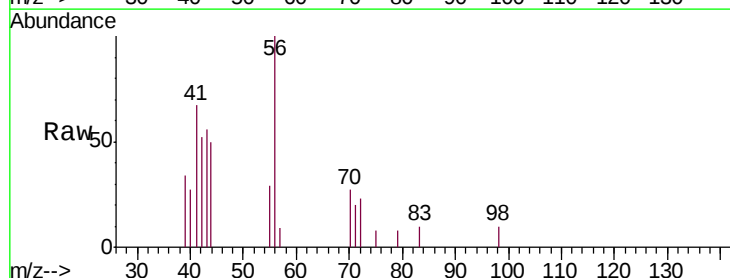
Tgt Ion: 42 Resp: 806

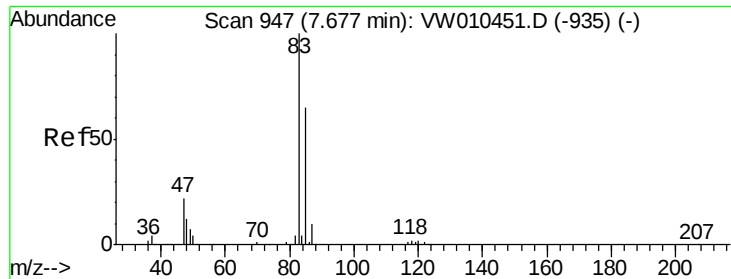
Ion Ratio Lower Upper

42 100

72 28.2 38.5 57.7#

71 36.5 36.5 54.7#

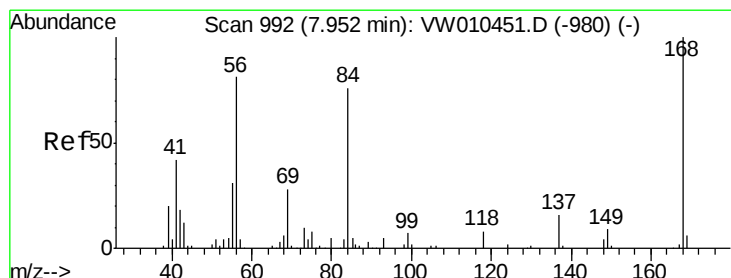
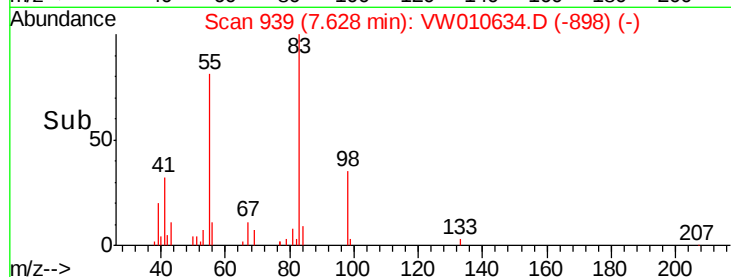
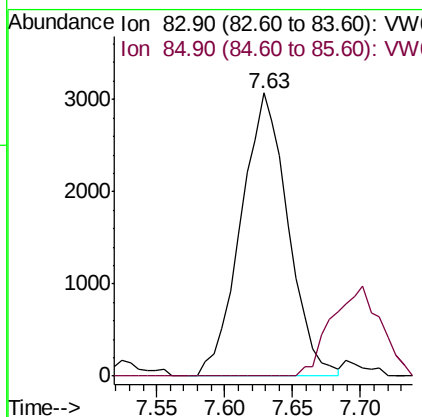
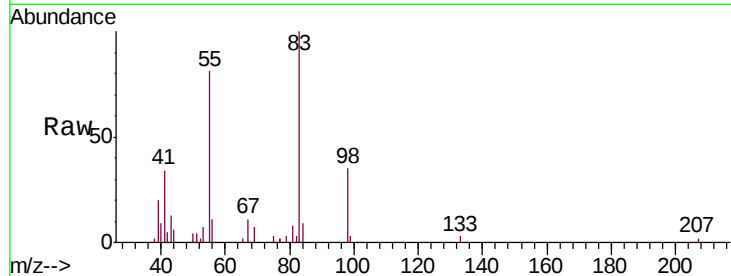




#30
Chloroform
Concen: 2.270 ug/l
RT: 7.63 min Scan# 939
Delta R.T. -0.05 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

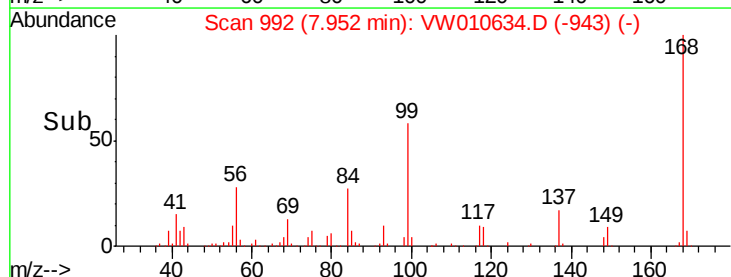
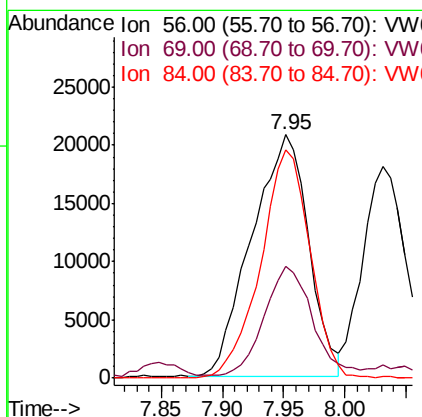
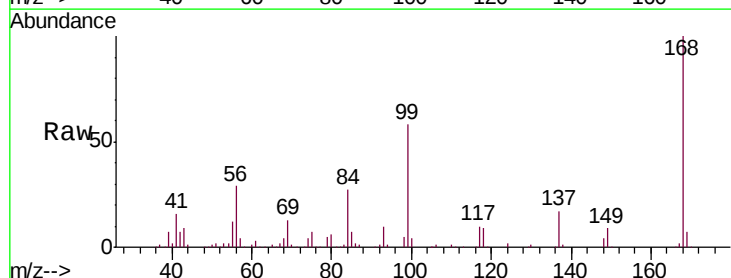
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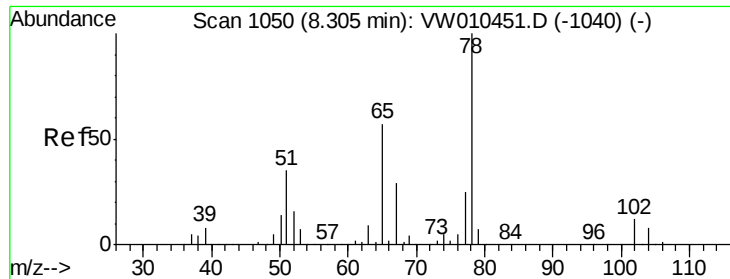
Tgt Ion: 83 Resp: 7456
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: 21.127 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Tgt Ion: 56 Resp: 67395
Ion Ratio Lower Upper
56 100
69 43.7 28.2 42.2#
84 94.4 75.8 113.8

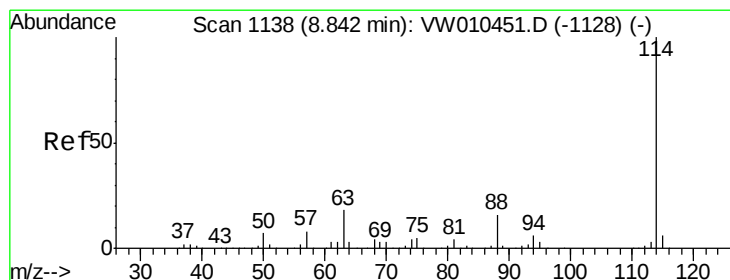
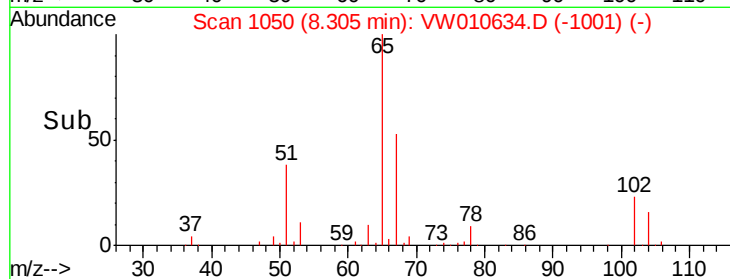
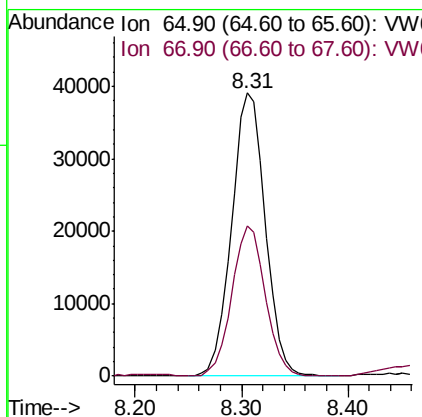
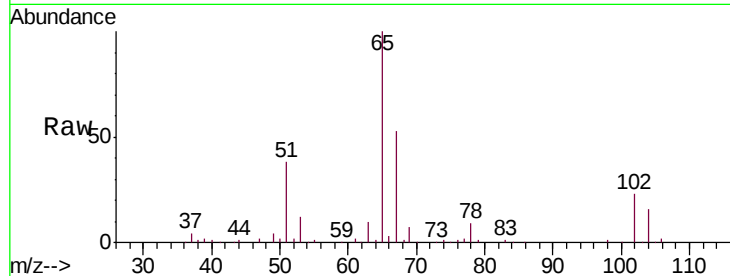




#33
 1,2-Dichloroethane-d4
 Concen: 51.494 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

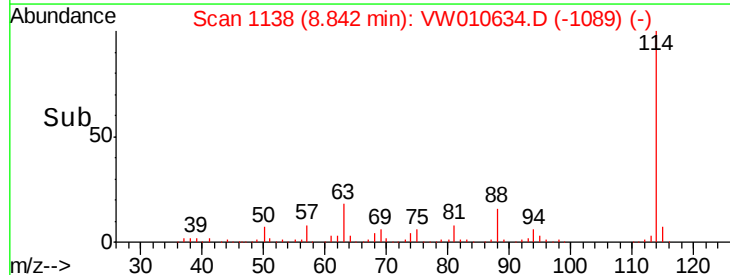
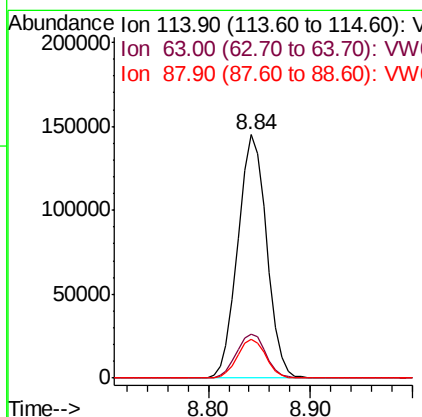
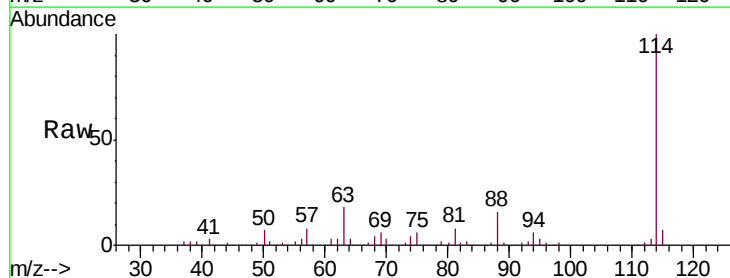
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 FESB-24(6.5-7)

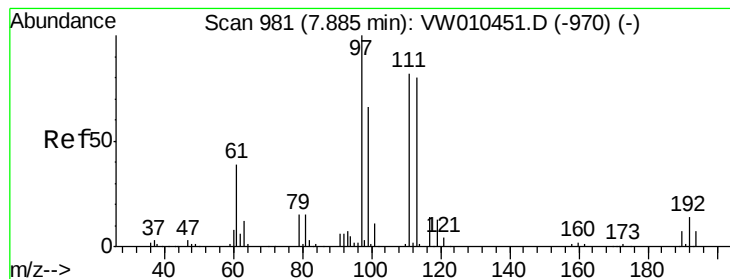
Tgt Ion: 65 Resp: 86517
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

Tgt Ion: 114 Resp: 284019
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.0
 88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.738 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

FESB-24(6.5-7)

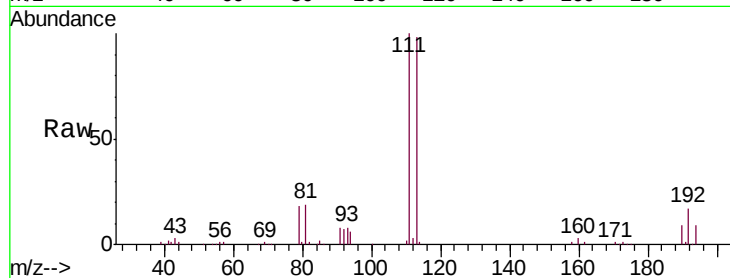
Tgt Ion:113 Resp: 83993

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

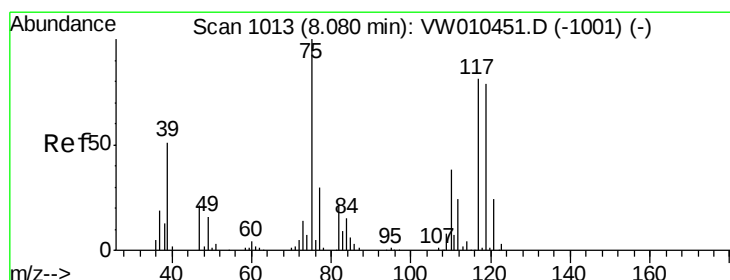
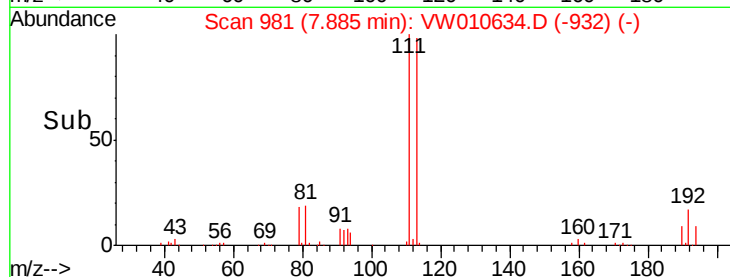
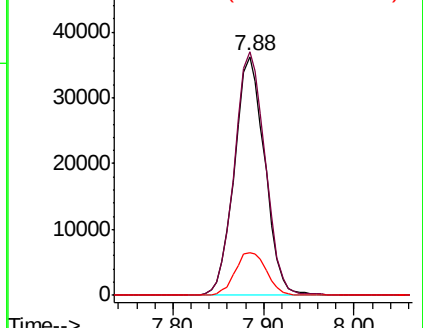
192 18.5 14.3 21.5



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



#36

1,1-Dichloropropene

Concen: 4.591 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

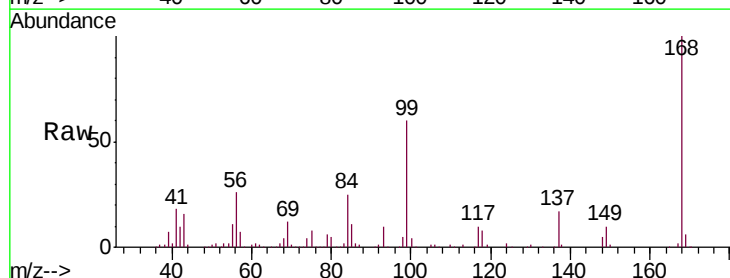
Tgt Ion: 75 Resp: 12147

Ion Ratio Lower Upper

75 100

110 10.6 19.2 57.6#

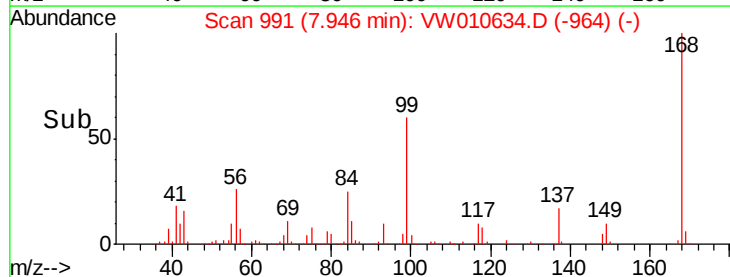
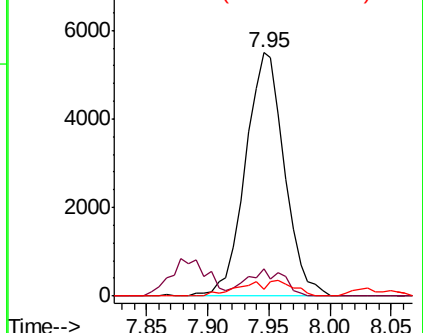
77 4.2 25.2 37.8#

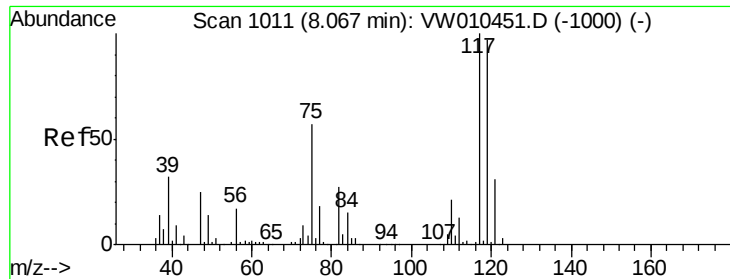


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.756 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

FESB-24(6.5-7)

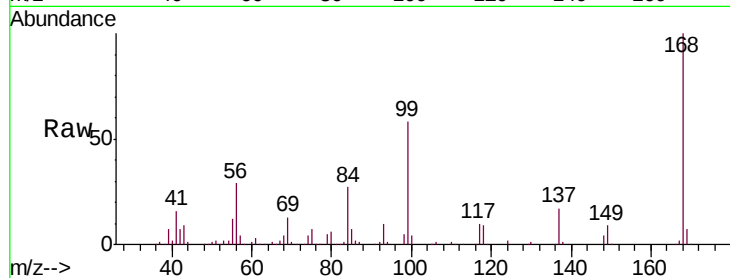
Tgt Ion: 117 Resp: 16428

Ion Ratio Lower Upper

117 100

119 4.6 77.4 116.0#

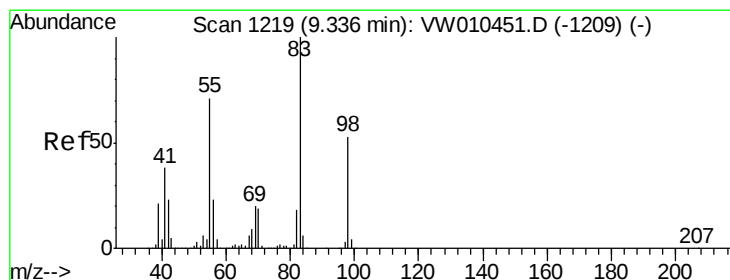
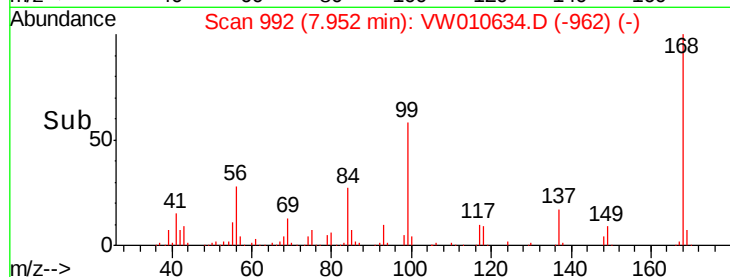
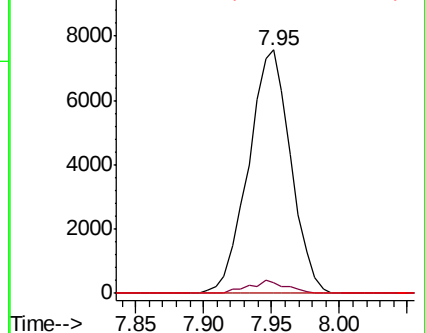
121 0.0 25.0 37.6#



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



#39

Methylcyclohexane

Concen: 29.667 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

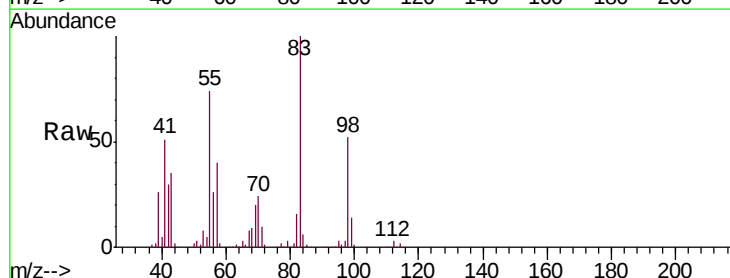
Tgt Ion: 83 Resp: 105160

Ion Ratio Lower Upper

83 100

55 73.8 57.0 85.6

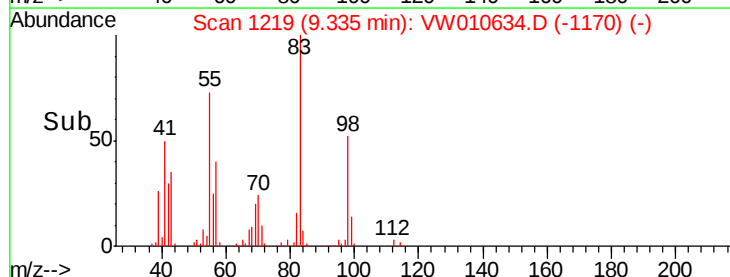
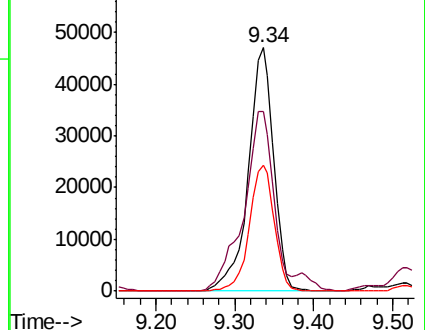
98 51.9 42.0 63.0

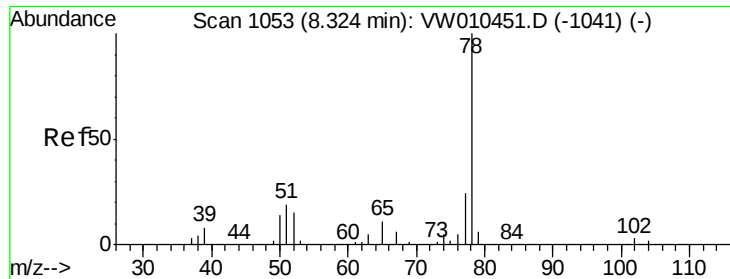


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 2.622 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

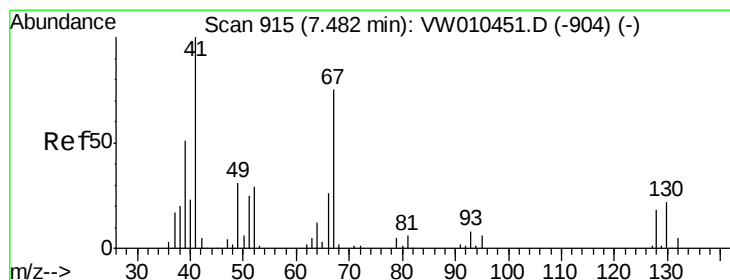
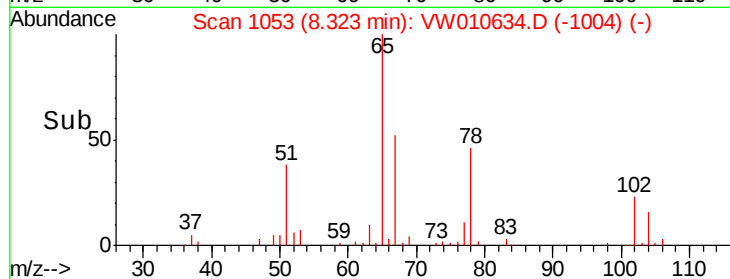
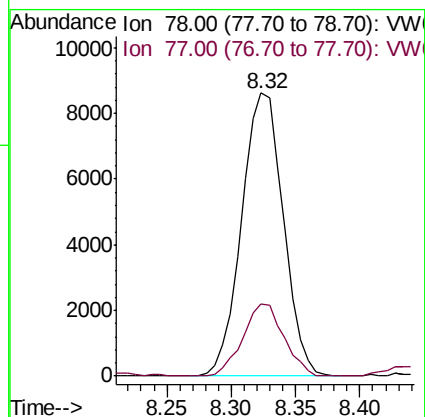
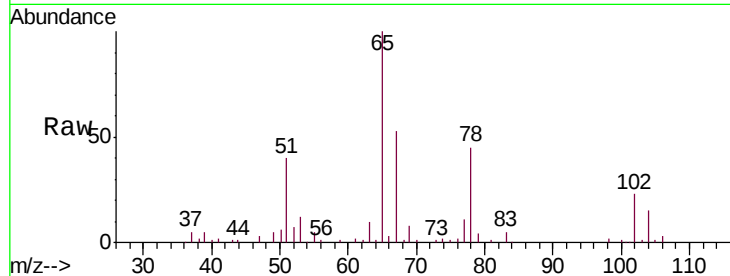
FESB-24(6.5-7)

Tgt Ion: 78 Resp: 19285

Ion Ratio Lower Upper

78 100

77 25.4 18.9 28.3



#41

Methacrylonitrile

Concen: 3.280 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.04 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Tgt Ion: 41 Resp: 2193

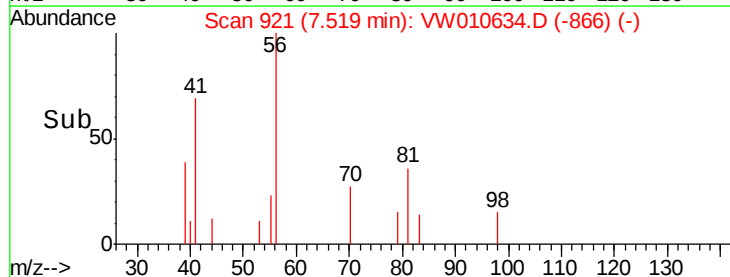
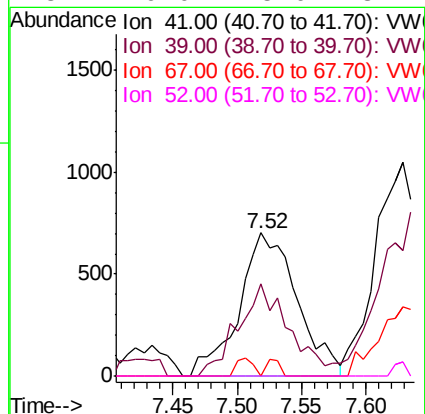
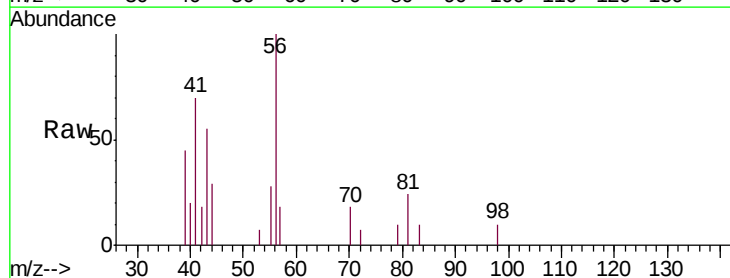
Ion Ratio Lower Upper

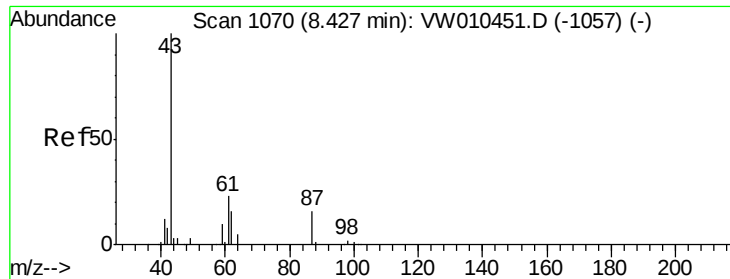
41 100

39 58.2 47.4 71.2

67 0.0 65.5 98.3#

52 0.0 25.0 37.4#





#43

Isopropyl Acetate

Concen: 6.429 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampled :

FESB-24(6.5-7)

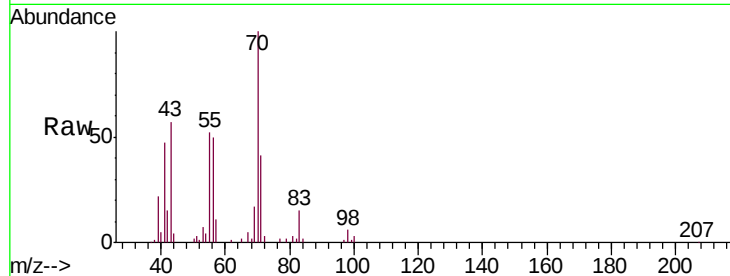
Tgt Ion: 43 Resp: 14451

Ion Ratio Lower Upper

43 100

61 0.0 25.4 38.2#

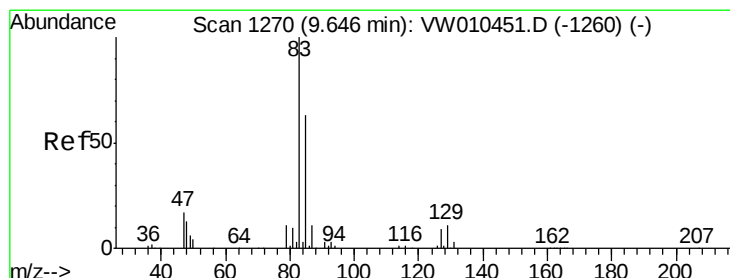
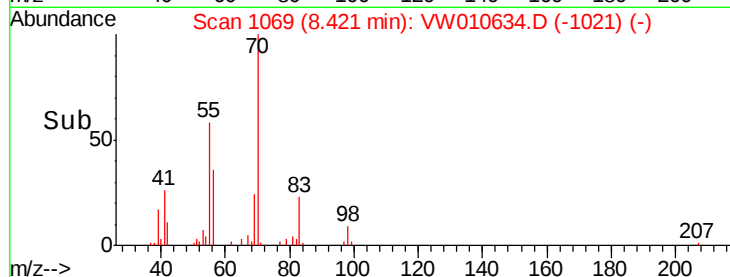
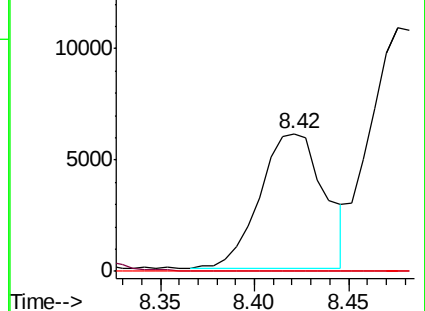
87 0.0 12.7 19.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#47

Bromodichloromethane

Concen: 4.603 ug/l

RT: 9.62 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

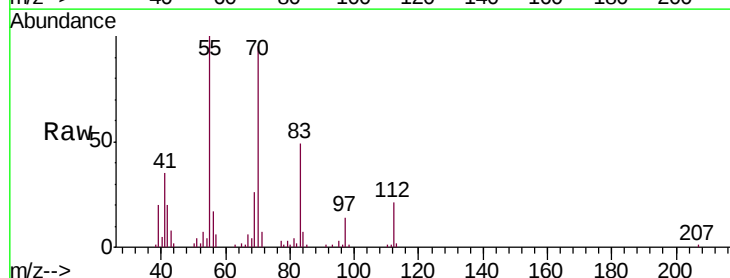
Tgt Ion: 83 Resp: 11816

Ion Ratio Lower Upper

83 100

85 2.1 50.4 75.6#

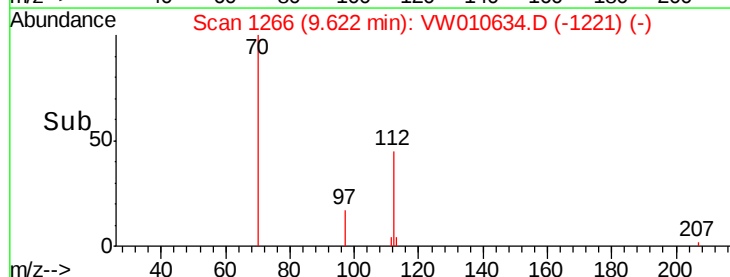
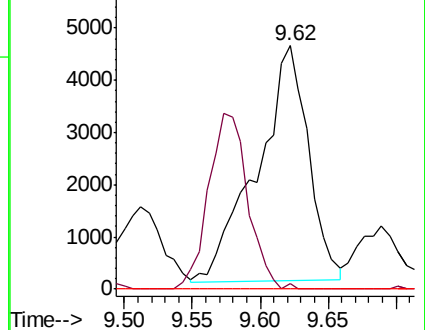
127 0.0 7.4 11.0#

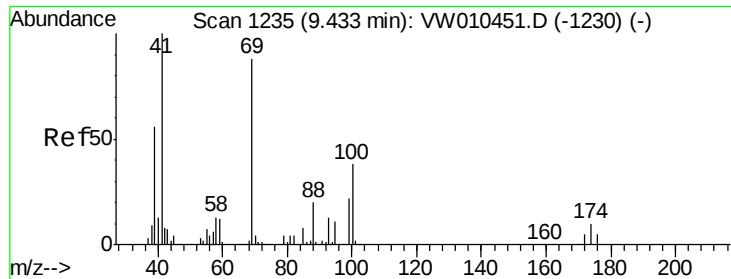


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V

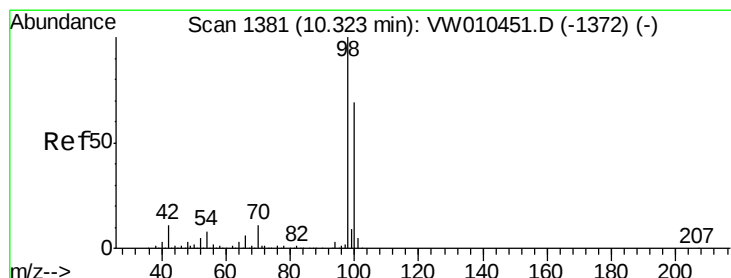
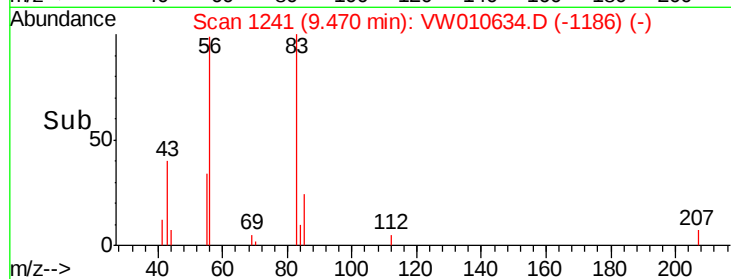
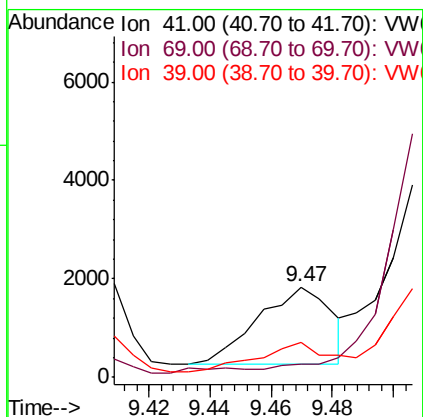
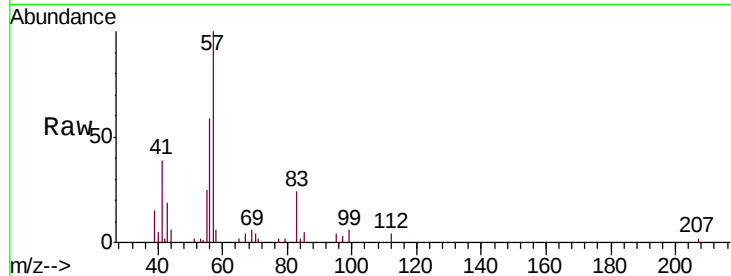




#48
Methyl methacrylate
Concen: 2.567 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.04 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

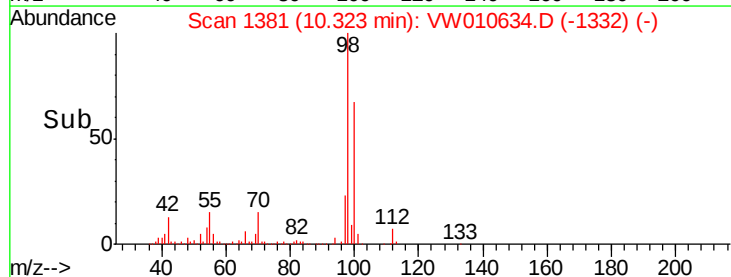
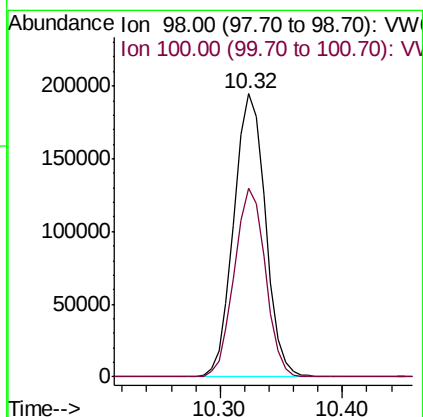
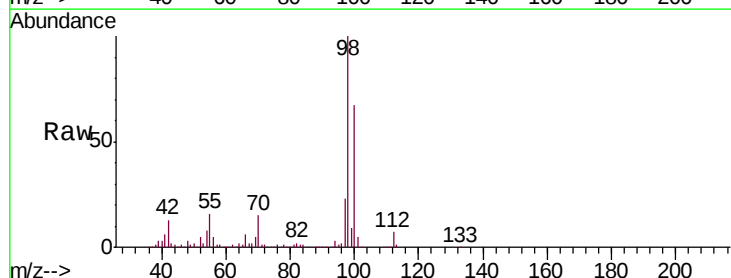
Instrument :
MSVOA_W
ClientSampleId :
FESB-24(6.5-7)

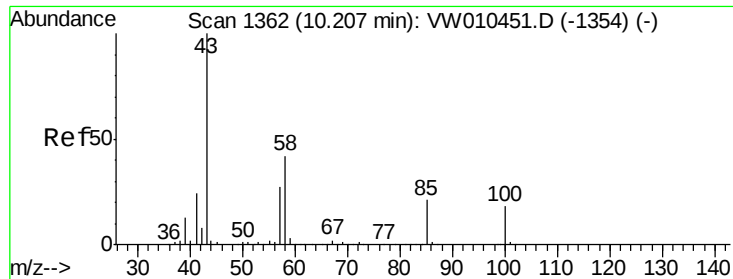
Tgt Ion: 41 Resp: 2640
Ion Ratio Lower Upper
41 100
69 0.0 77.6 116.4#
39 39.2 49.8 74.8#



#50
Toluene-d8
Concen: 52.860 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Tgt Ion: 98 Resp: 348013
Ion Ratio Lower Upper
98 100
100 65.7 53.7 80.5

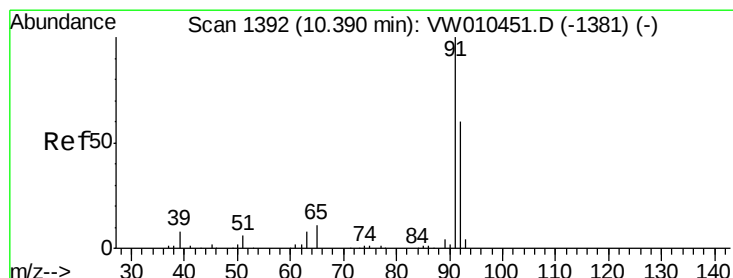
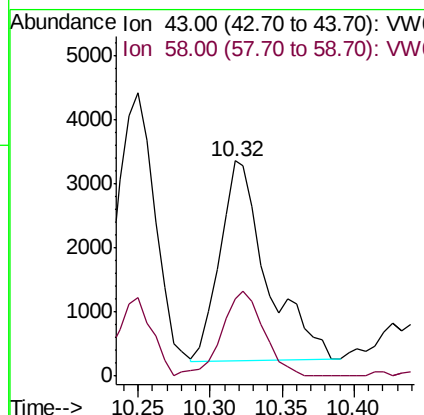
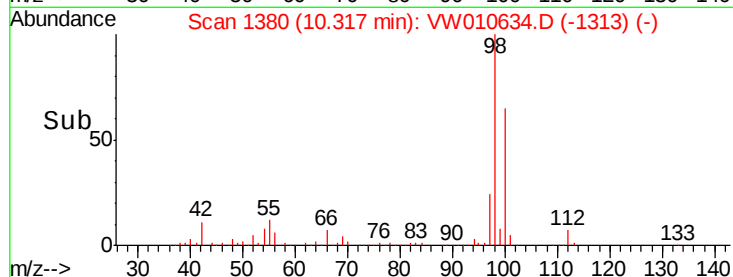
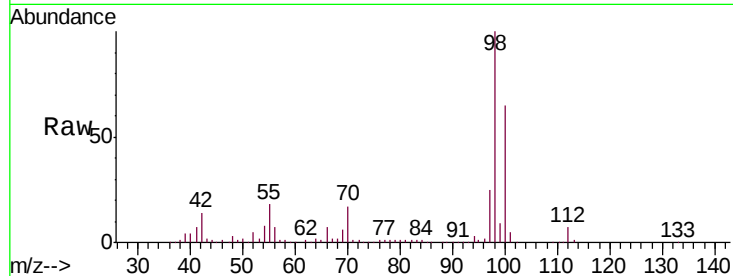




#51
 4-Methyl-2-Pentanone
 Concen: 6.248 ug/l
 RT: 10.32 min Scan# 1380
 Delta R.T. 0.11 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

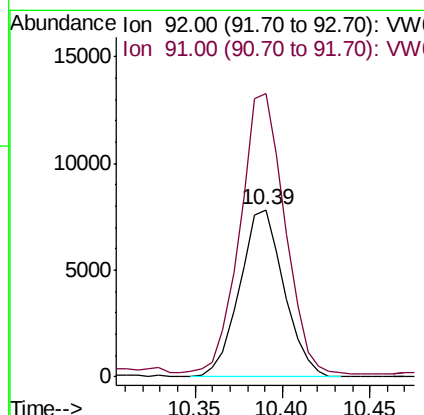
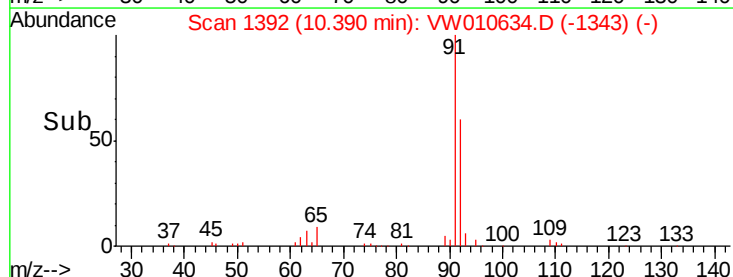
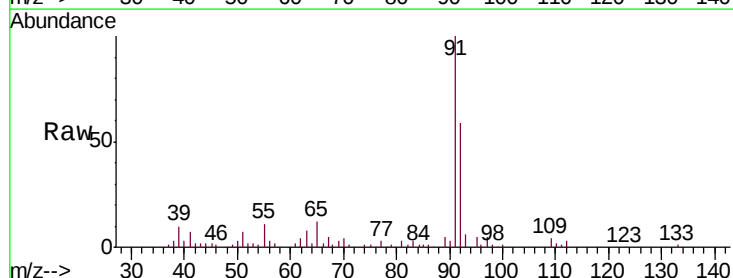
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-24(6.5-7)

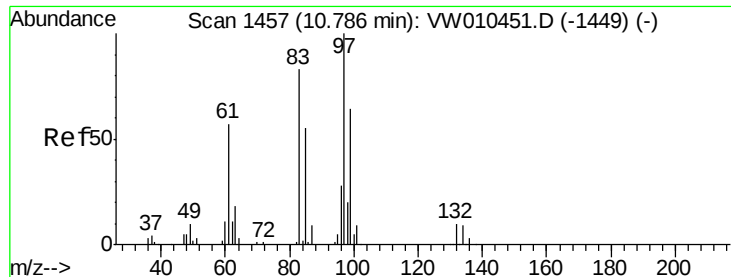
Tgt Ion: 43 Resp: 7116
 Ion Ratio Lower Upper
 43 100
 58 37.6 33.2 49.8



#52
 Toluene
 Concen: 2.798 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

Tgt Ion: 92 Resp: 13816
 Ion Ratio Lower Upper
 92 100
 91 172.8 135.4 203.0

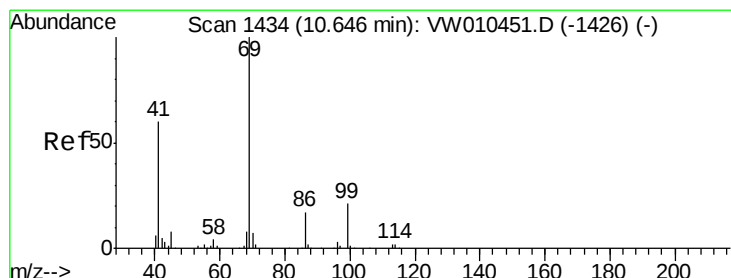
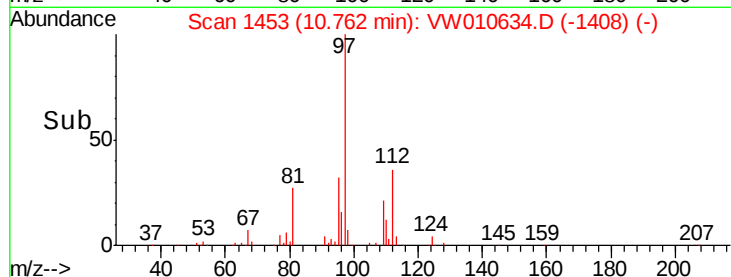
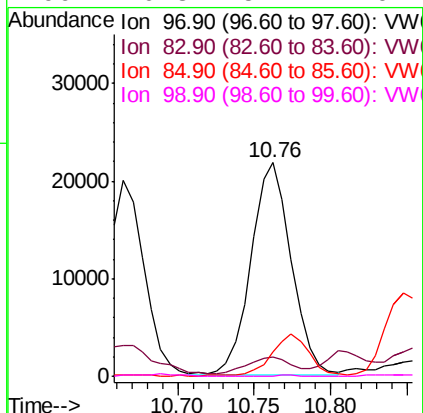
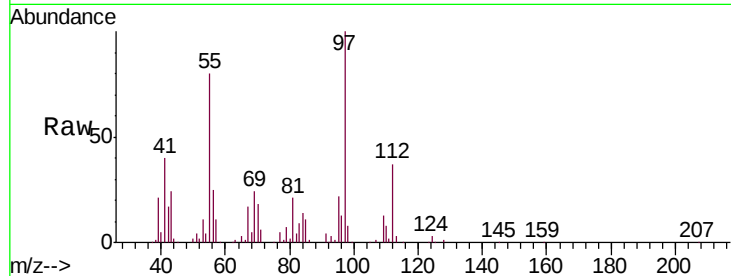




#55
 1,1,2-Trichloroethane
 Concen: 27.152 ug/l
 RT: 10.76 min Scan# 1453
 Delta R.T. -0.02 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

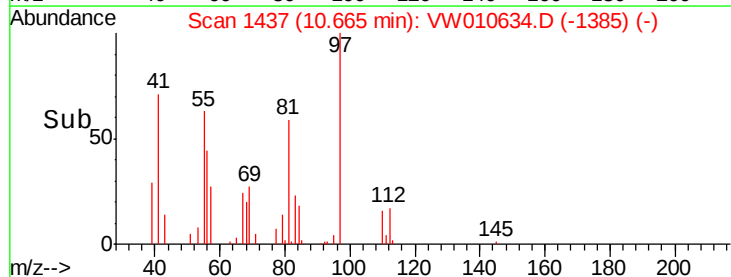
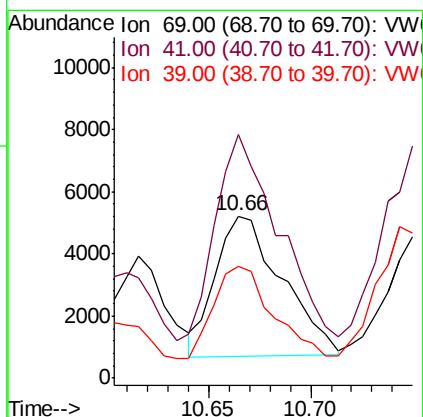
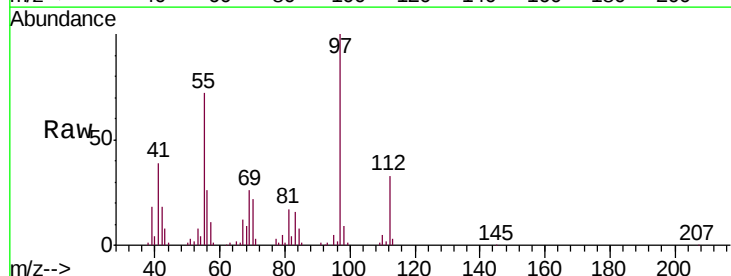
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-24(6.5-7)

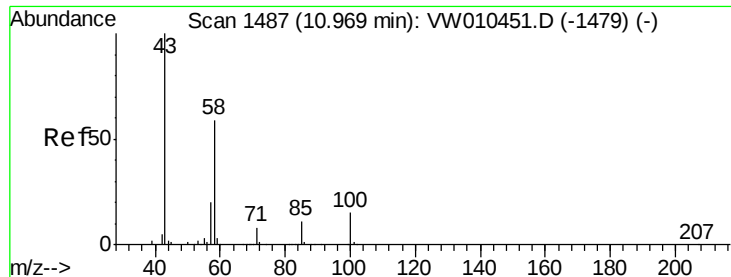
Tgt Ion: 97 Resp: 39880
 Ion Ratio Lower Upper
 97 100
 83 7.0 66.1 99.1#
 85 11.0 44.2 66.4#
 99 0.3 51.1 76.7#



#56
 Ethyl methacrylate
 Concen: 5.055 ug/l
 RT: 10.66 min Scan# 1437
 Delta R.T. 0.02 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

Tgt Ion: 69 Resp: 10239
 Ion Ratio Lower Upper
 69 100
 41 162.8 47.7 71.5#
 39 62.4 25.3 37.9#

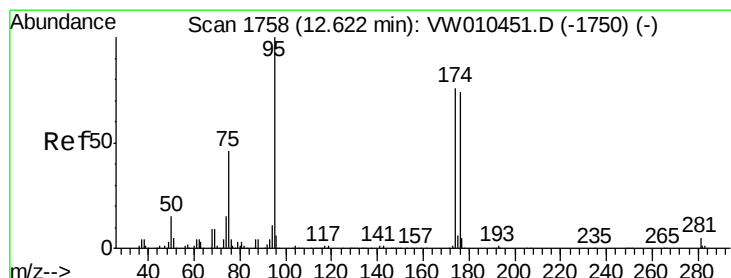
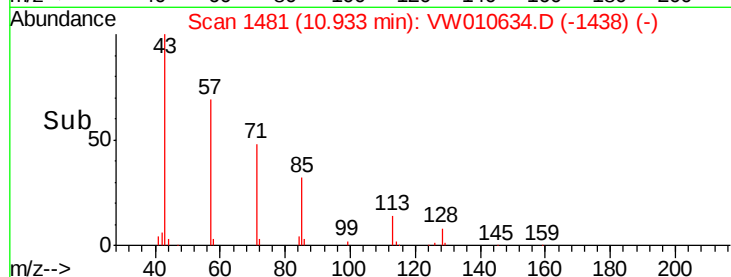
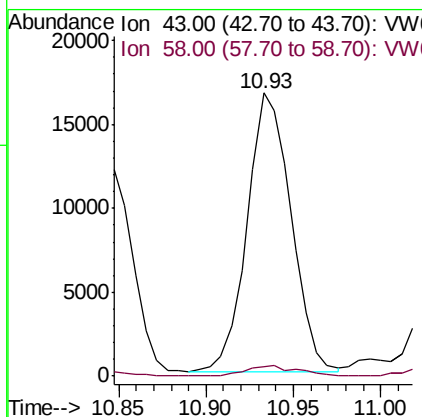
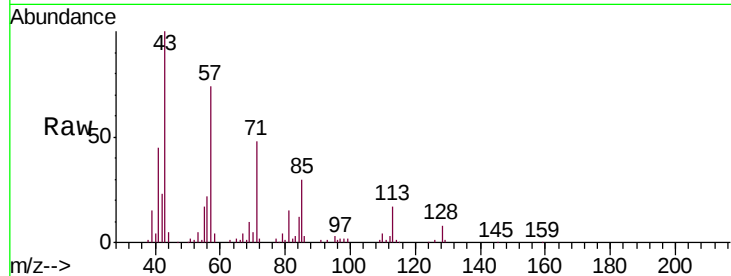




#59
2-Hexanone
Concen: 35.794 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

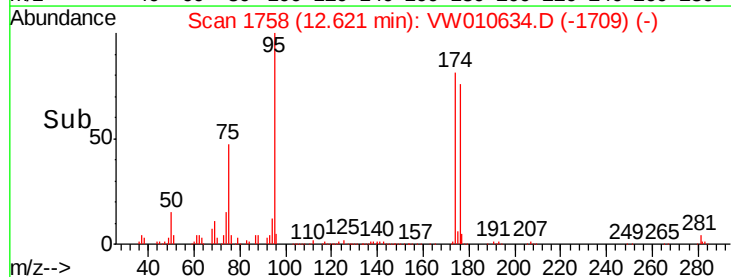
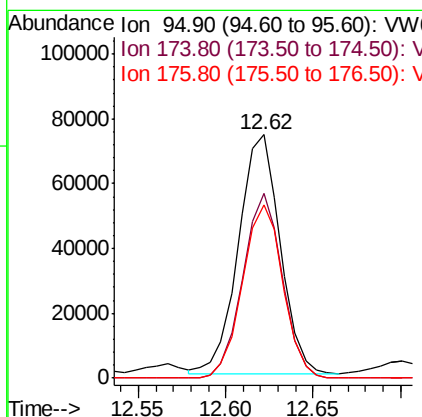
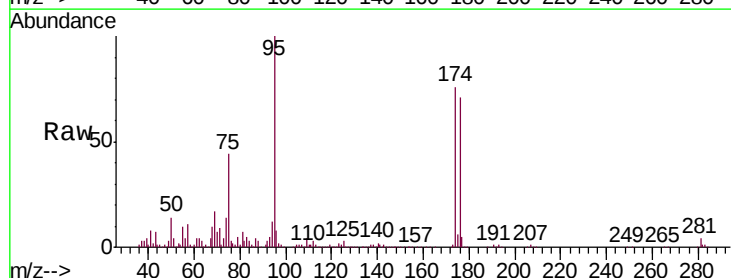
Instrument :
MSVOA_W
ClientSampleId :
FESB-24(6.5-7)

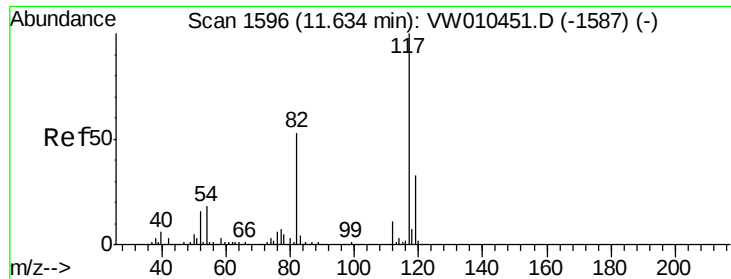
Tgt Ion: 43 Resp: 29082
Ion Ratio Lower Upper
43 100
58 4.7 28.9 86.8#



#62
4-Bromofluorobenzene
Concen: 46.529 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Tgt Ion: 95 Resp: 122016
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.6
176 70.7 0.0 144.2

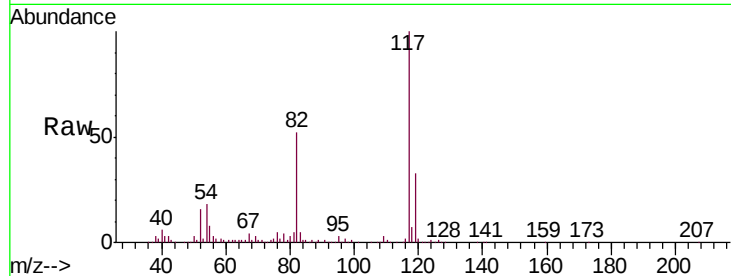




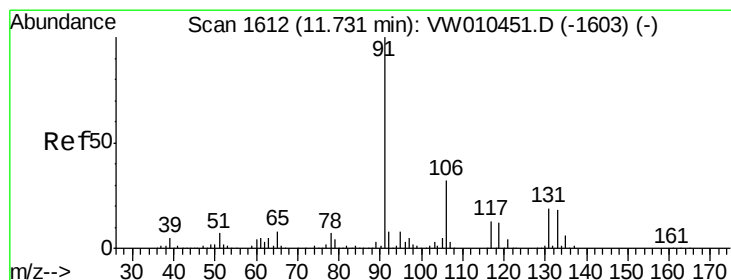
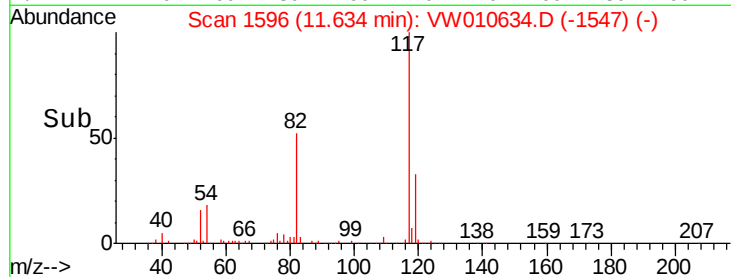
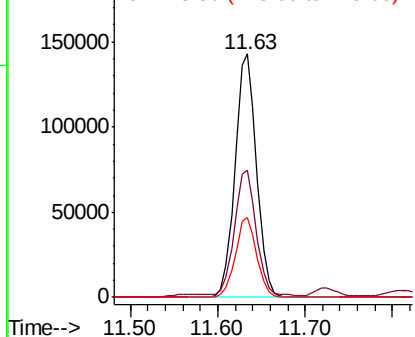
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Instrument :
MSVOA_W
ClientSampleId :
FESB-24(6.5-7)

Tgt Ion:117 Resp: 244210
Ion Ratio Lower Upper
117 100
82 51.1 42.8 64.2
119 32.5 26.3 39.5

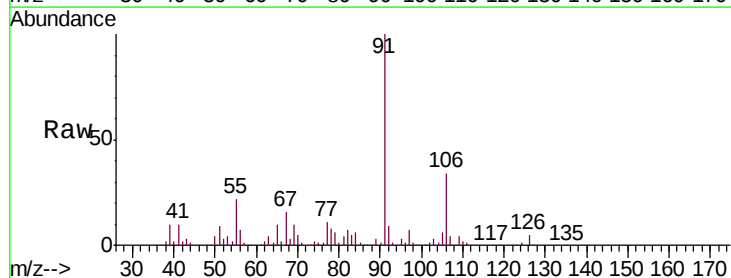


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

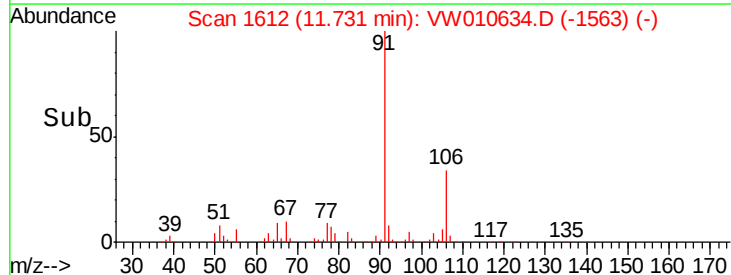
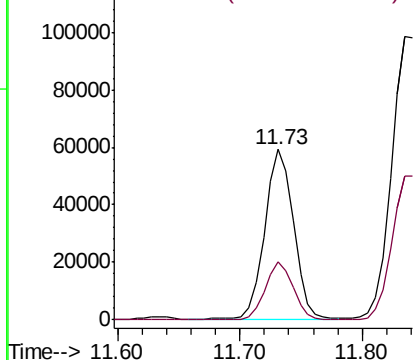


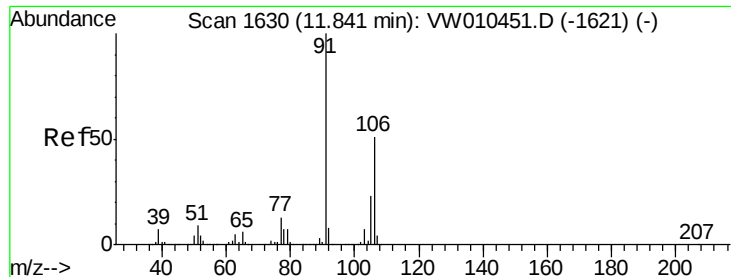
#67
Ethyl Benzene
Concen: 10.462 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Tgt Ion: 91 Resp: 96134
Ion Ratio Lower Upper
91 100
106 34.1 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 106.00 (105.70 to 106.70): V

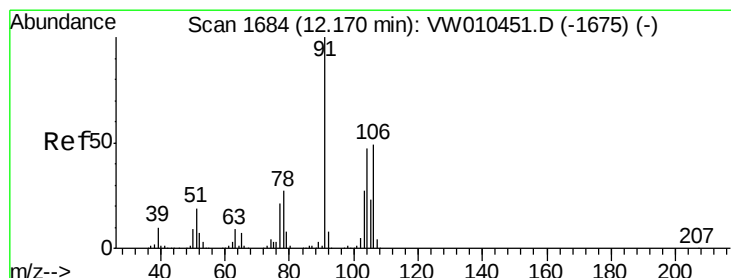
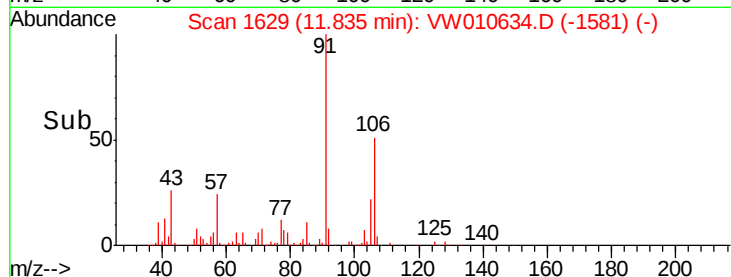
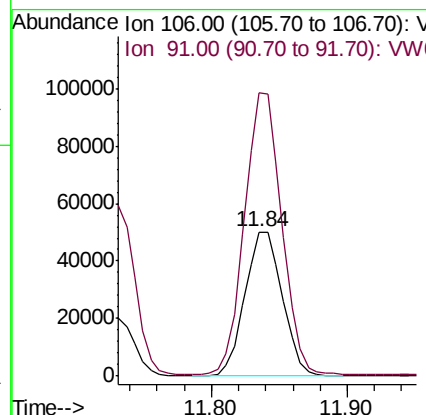
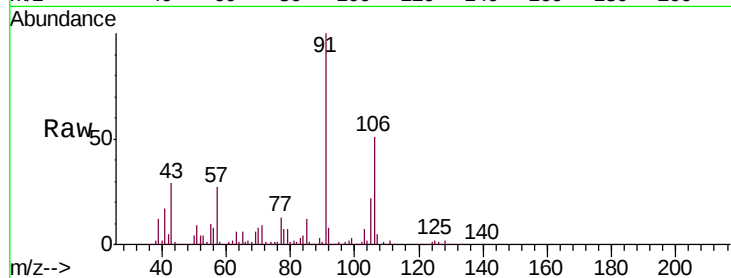




#68
m/p-Xylenes
Concen: 26.750 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

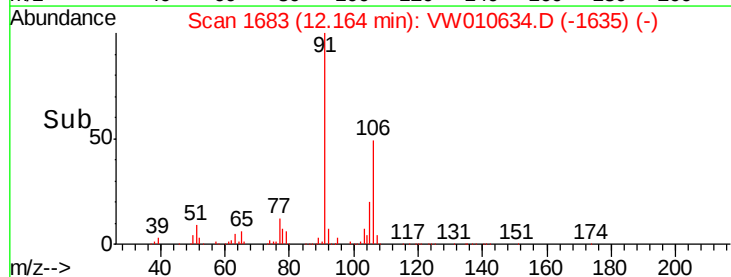
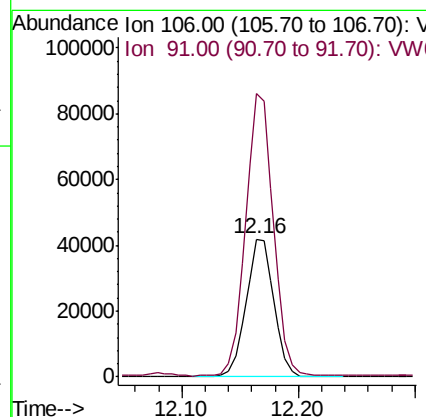
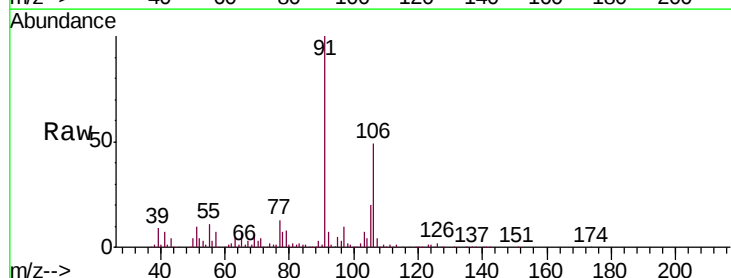
Instrument :
MSVOA_W
ClientSampled :
FESB-24(6.5-7)

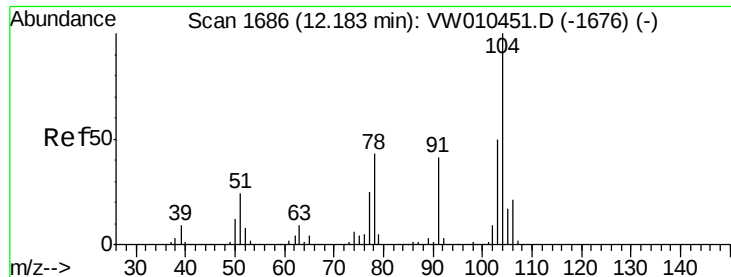
Tgt Ion:106 Resp: 96414
Ion Ratio Lower Upper
106 100
91 194.6 156.0 234.0



#69
o-Xylene
Concen: 20.339 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Tgt Ion:106 Resp: 69454
Ion Ratio Lower Upper
106 100
91 205.8 103.2 309.4





#70

Styrene

Concen: 1.692 ug/l

RT: 12.18 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

FESB-24(6.5-7)

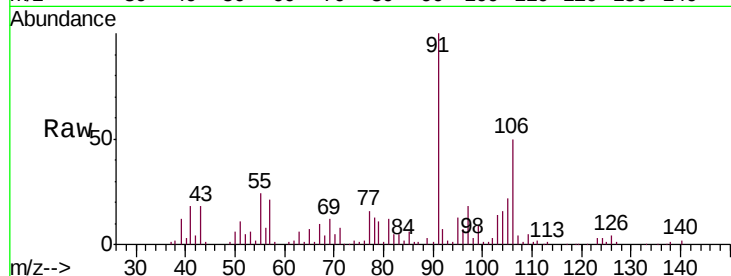
Tgt Ion:104 Resp: 9802

Ion Ratio Lower Upper

104 100

78 127.8 39.0 58.4#

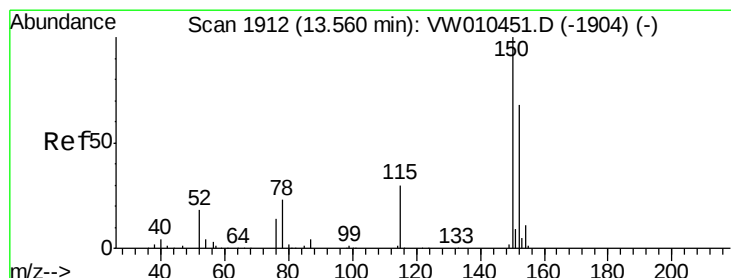
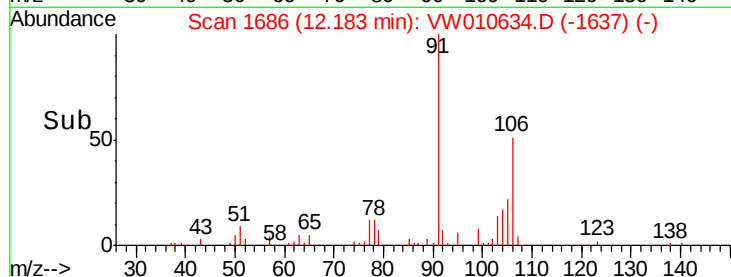
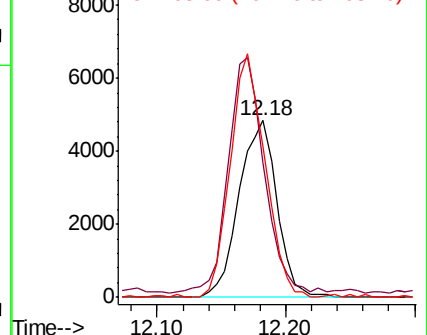
103 128.2 43.0 64.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VW010634.D

Acq: 31 May 2019 14:05

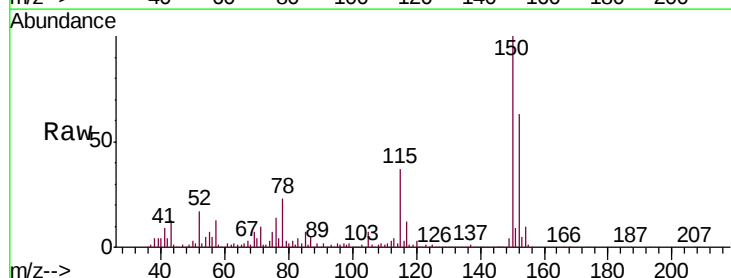
Tgt Ion:152 Resp: 96870

Ion Ratio Lower Upper

152 100

115 74.5 30.3 91.0

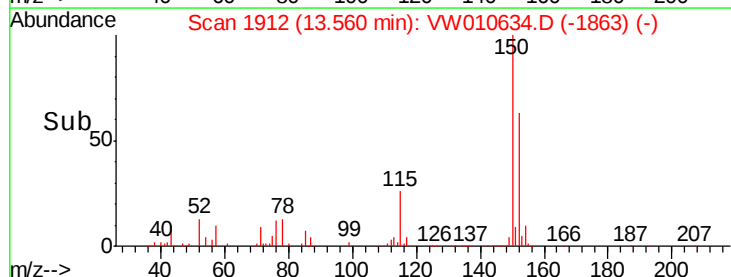
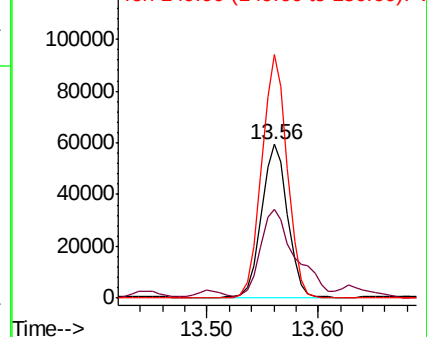
150 154.2 0.0 349.8

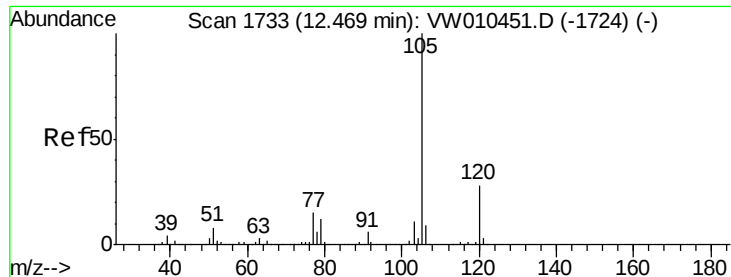


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.790 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

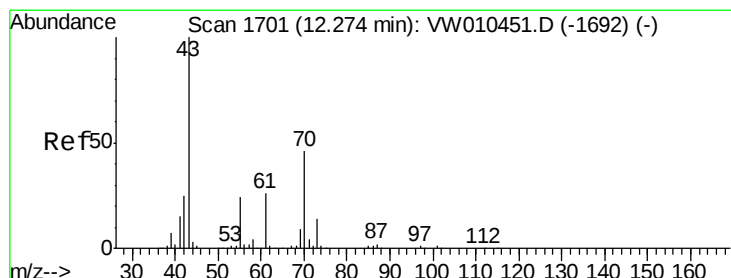
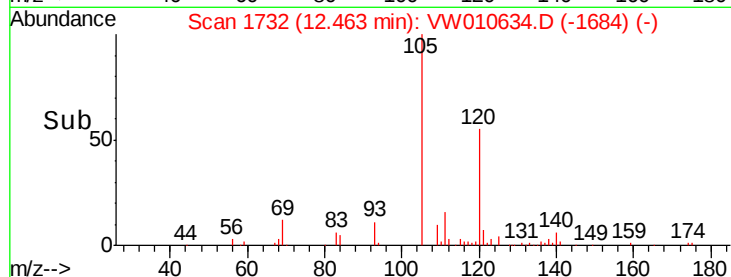
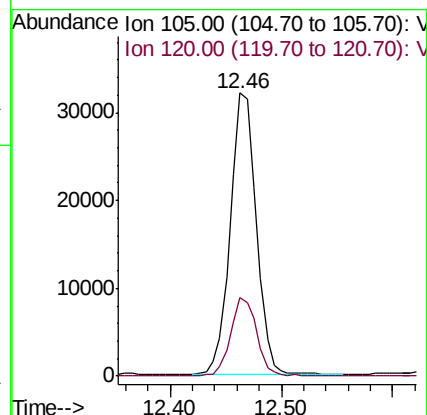
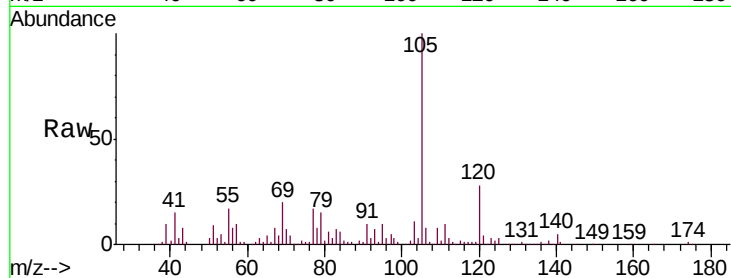
FESB-24(6.5-7)

Tgt Ion: 105 Resp: 52191

Ion Ratio Lower Upper

105 100

120 27.8 13.9 41.7



#74

N-ethyl acetate

Concen: 12.437 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Tgt Ion: 43 Resp: 21907

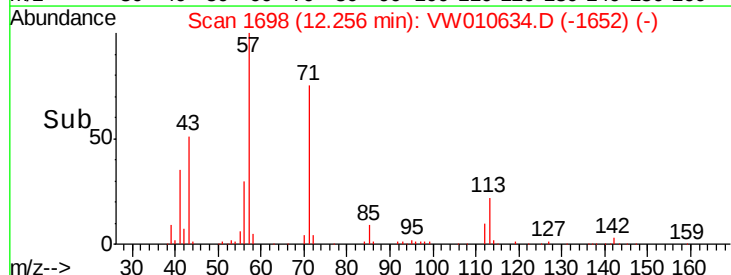
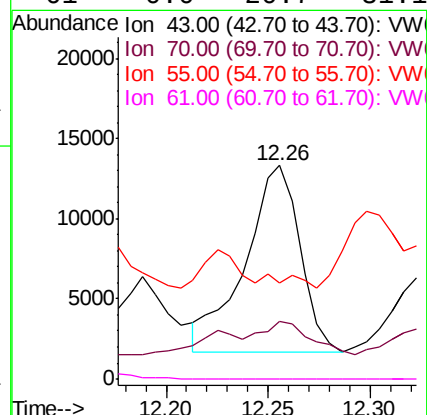
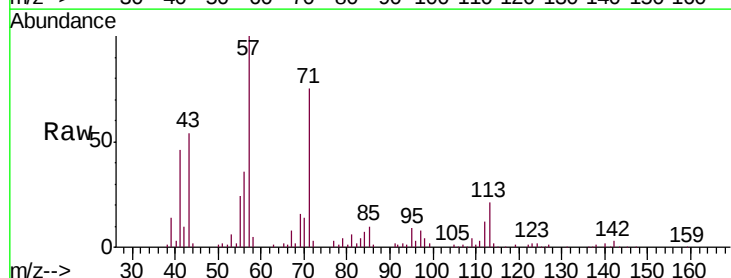
Ion Ratio Lower Upper

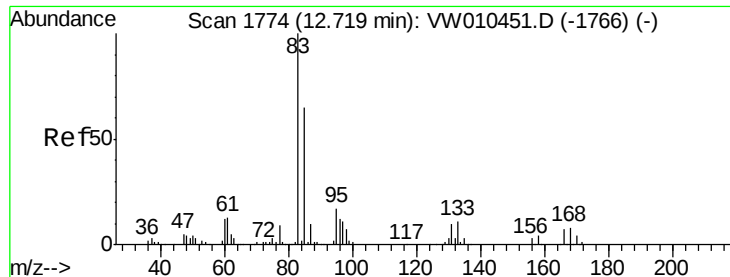
43 100

70 16.5 37.1 55.7#

55 0.0 19.6 29.4#

61 0.0 20.7 31.1#

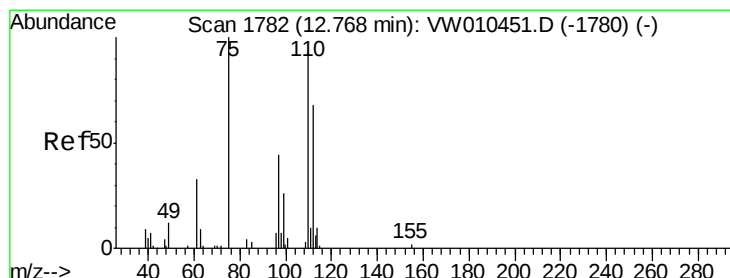
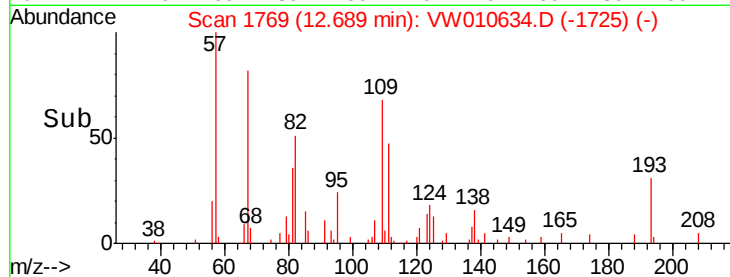
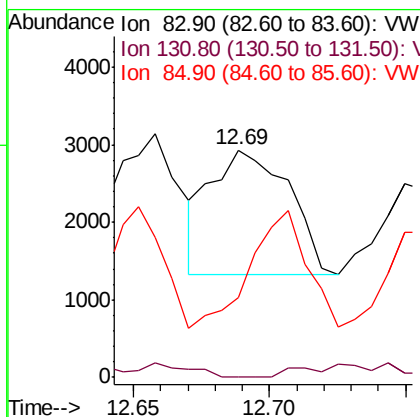
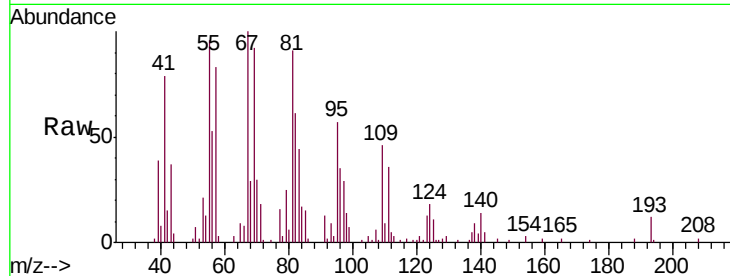




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.303 ug/l
 RT: 12.69 min Scan# 1769
 Delta R.T. -0.03 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

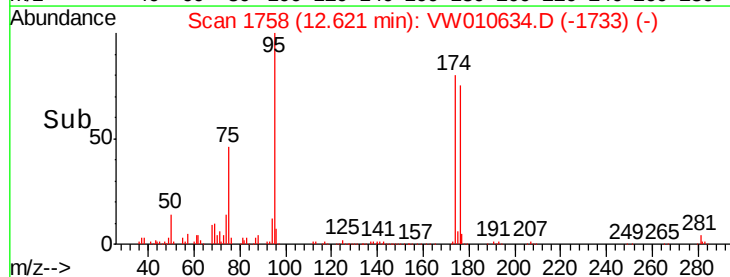
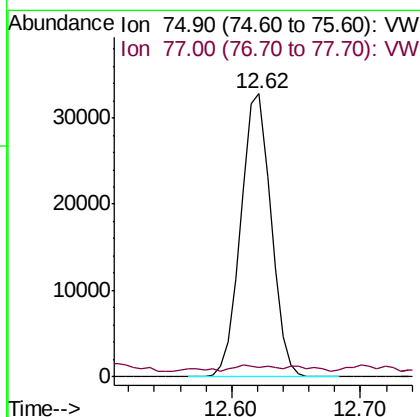
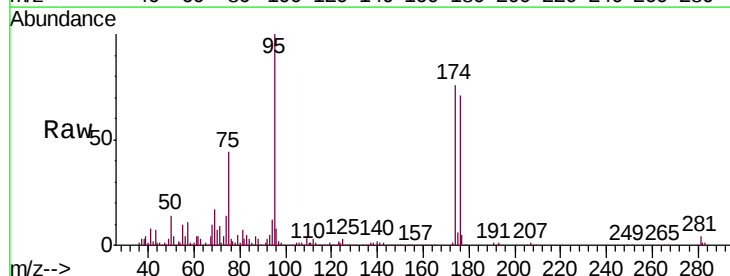
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-24(6.5-7)

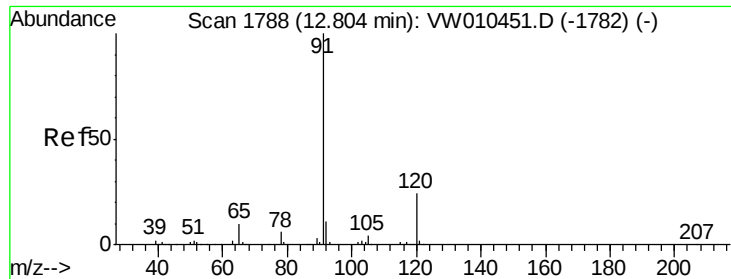
Tgt Ion: 83 Resp: 3220
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.6 16.8#
 85 64.8 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 54.309 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

Tgt Ion: 75 Resp: 53402
 Ion Ratio Lower Upper
 75 100
 77 2.5 170.0 510.1#

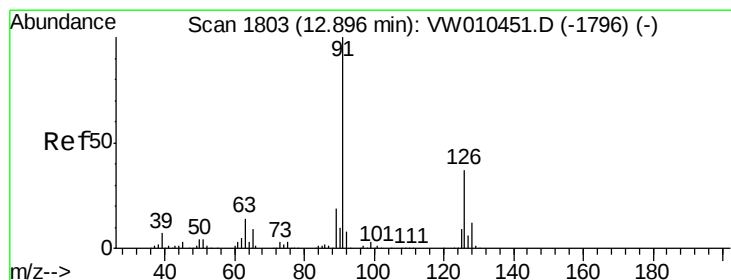
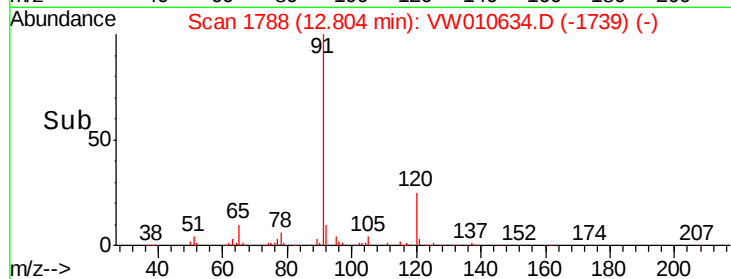
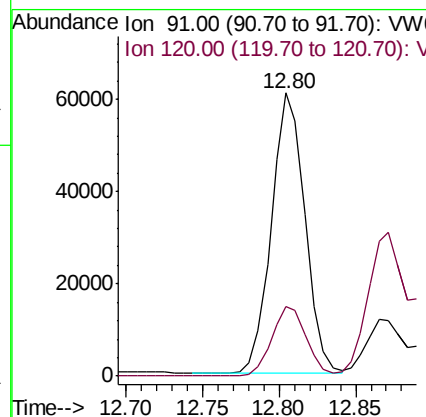
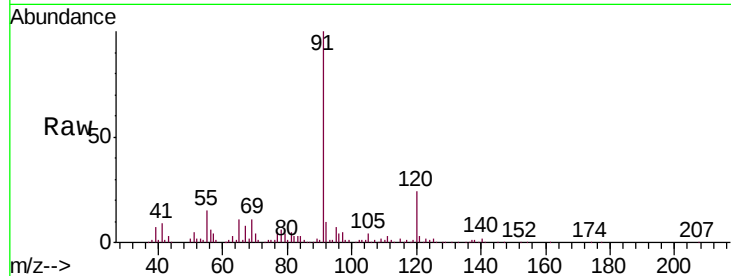




#78
n-propylbenzene
Concen: 10.325 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

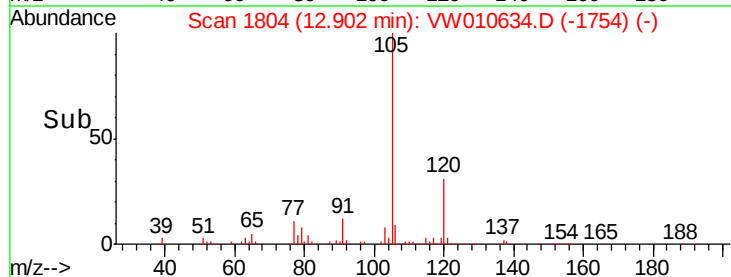
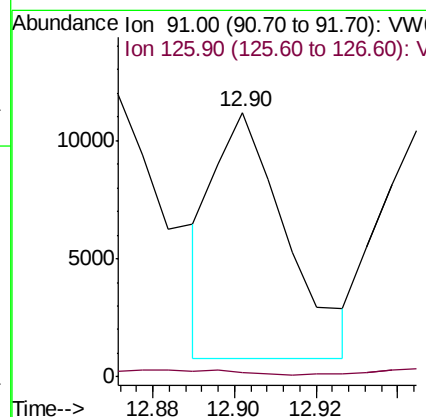
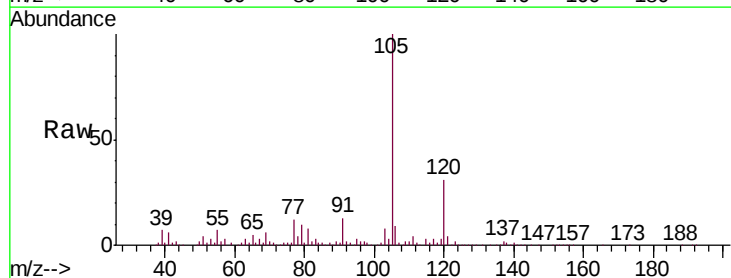
Instrument :
MSVOA_W
ClientSampleId :
FESB-24(6.5-7)

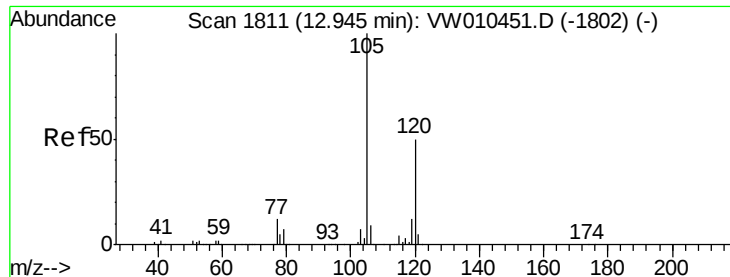
Tgt Ion: 91 Resp: 92493
Ion Ratio Lower Upper
91 100
120 25.8 12.3 36.8



#79
2-Chlorotoluene
Concen: 2.463 ug/l
RT: 12.90 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Tgt Ion: 91 Resp: 12797
Ion Ratio Lower Upper
91 100
126 7.2 17.4 52.3#





#80

1,3,5-Trimethylbenzene

Concen: 20.975 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

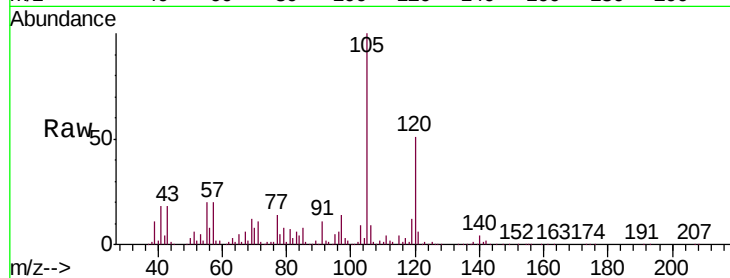
FESB-24(6.5-7)

Tgt Ion:105 Resp: 136559

Ion Ratio Lower Upper

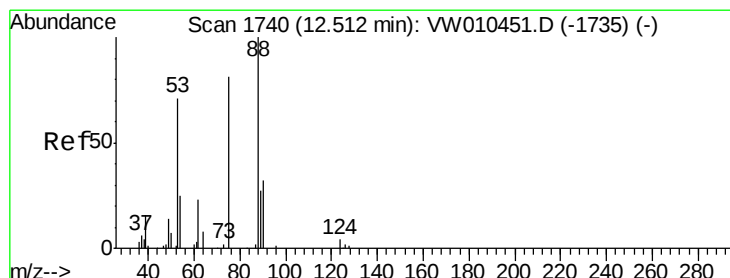
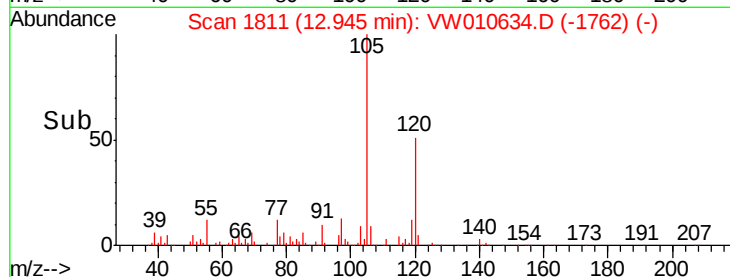
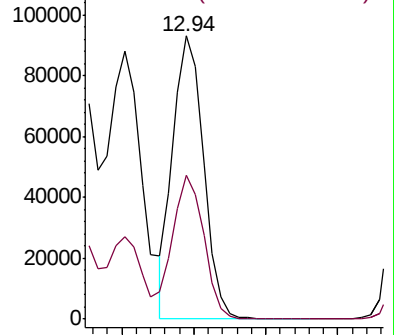
105 100

120 53.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 113.345 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

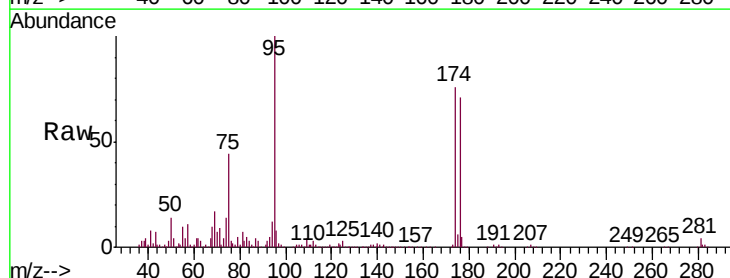
Tgt Ion: 75 Resp: 53402

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

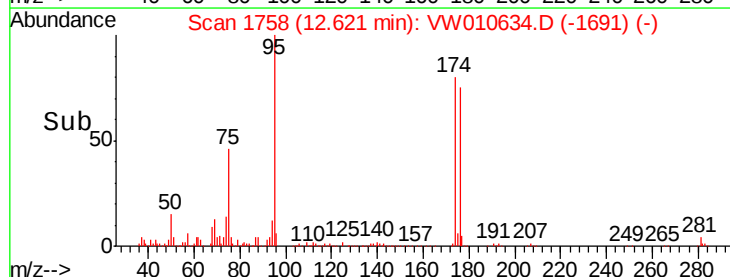
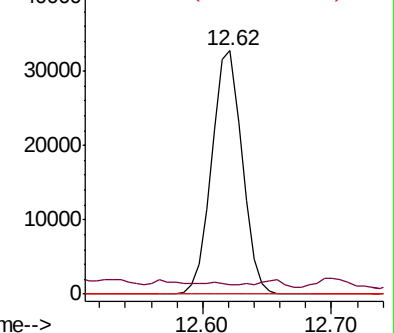
89 0.2 39.5 59.3#

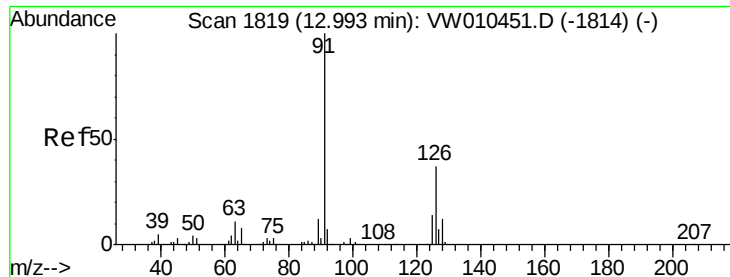


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#82

4-Chlorotoluene

Concen: 2.625 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.05 min

Lab File: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

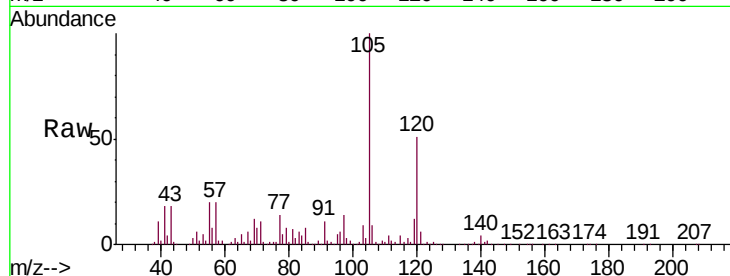
FESB-24(6.5-7)

Tgt Ion: 91 Resp: 14155

Ion Ratio Lower Upper

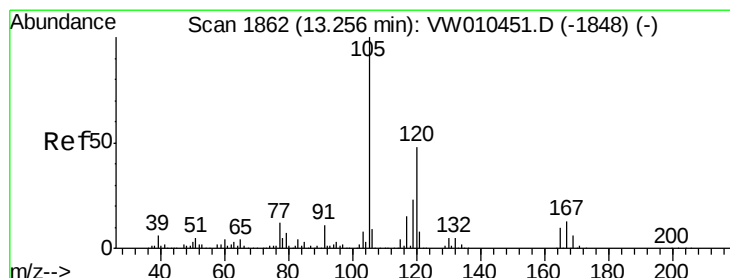
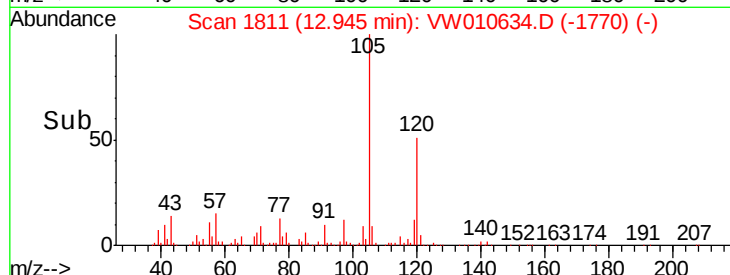
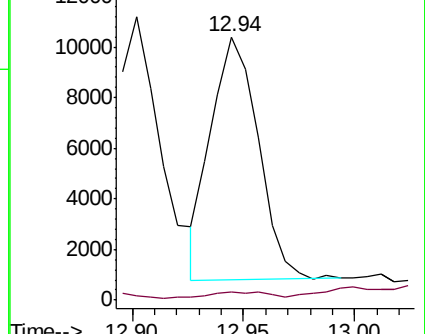
91 100

126 3.1 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#84

1,2,4-Trimethylbenzene

Concen: 74.835 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW010634.D

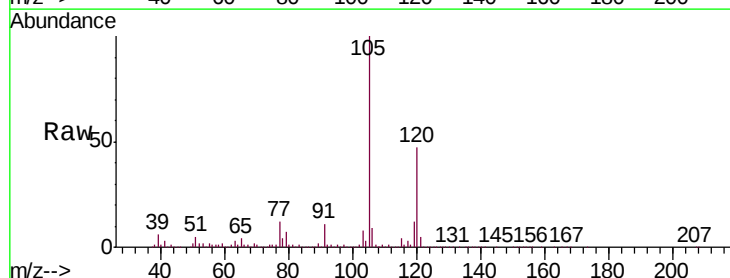
Acq: 31 May 2019 14:05

Tgt Ion: 105 Resp: 485240

Ion Ratio Lower Upper

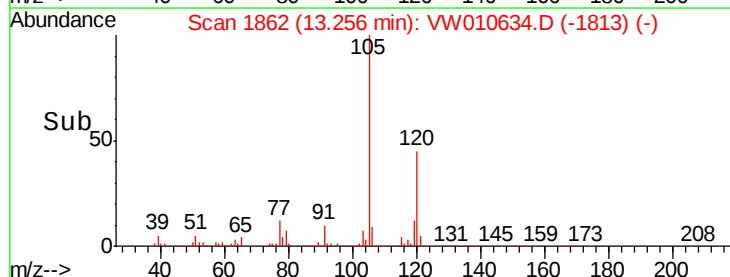
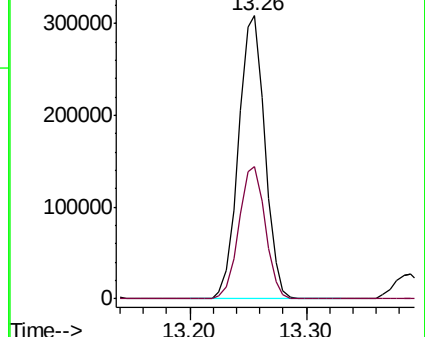
105 100

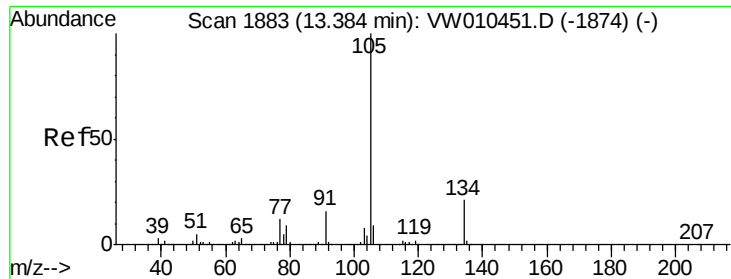
120 47.4 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

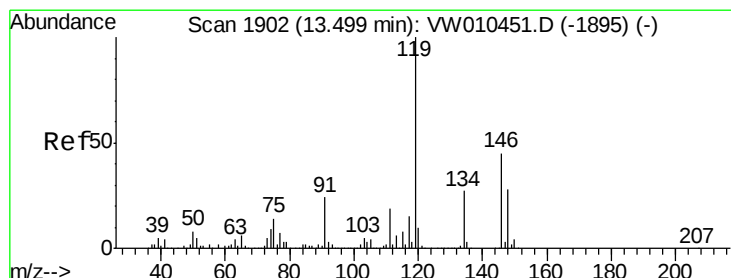
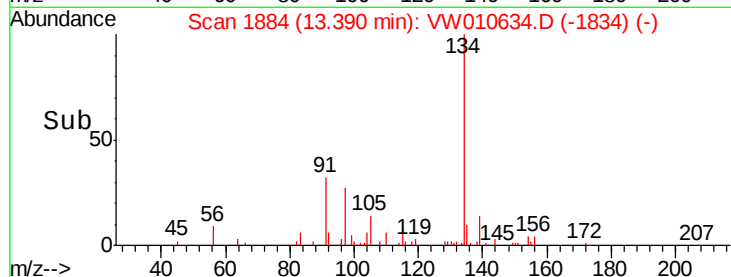
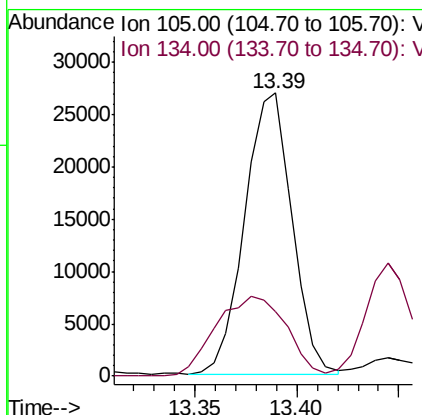
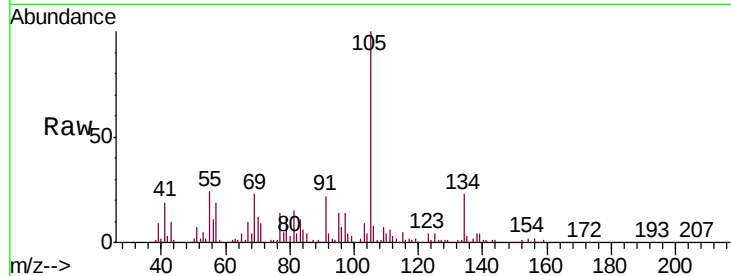




#85
 sec-Butylbenzene
 Concen: 5.430 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

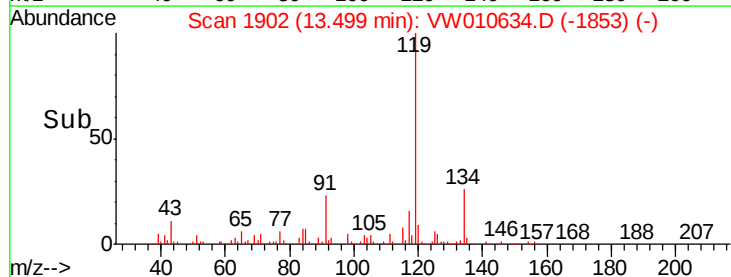
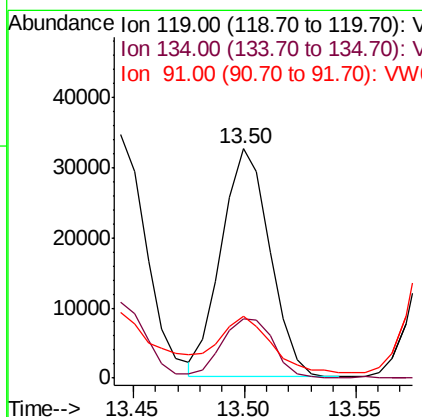
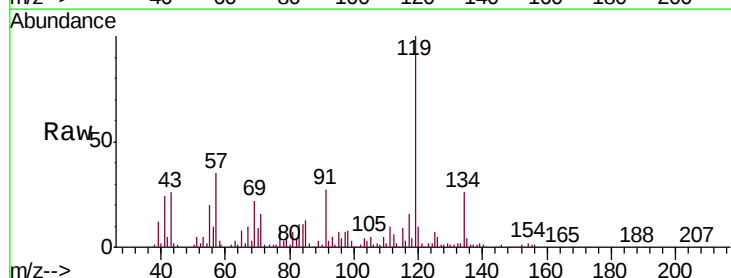
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-24(6.5-7)

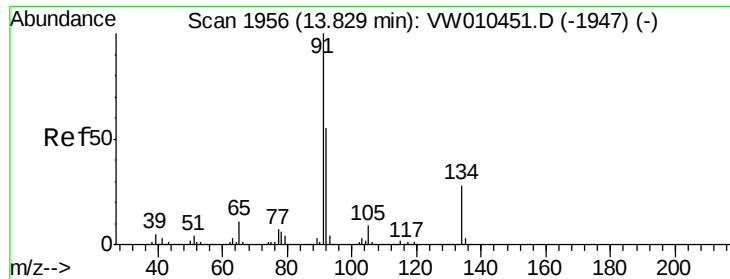
Tgt Ion:105 Resp: 43218
 Ion Ratio Lower Upper
 105 100
 134 42.3 10.5 31.6#



#86
 p-Isopropyltoluene
 Concen: 6.872 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

Tgt Ion:119 Resp: 49503
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.6 40.7
 91 27.0 11.9 35.7

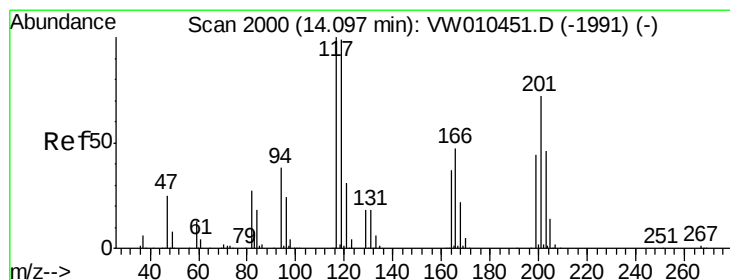
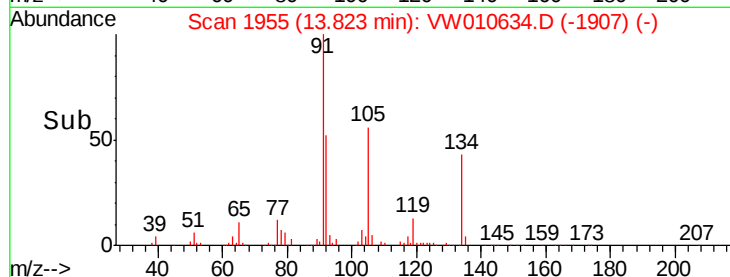
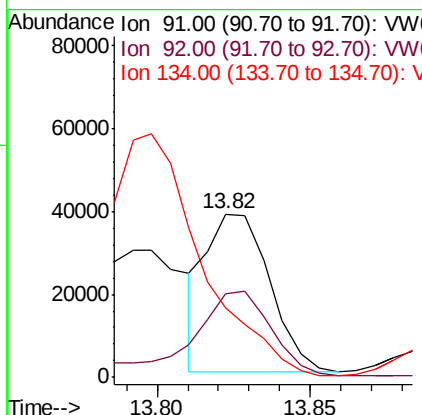
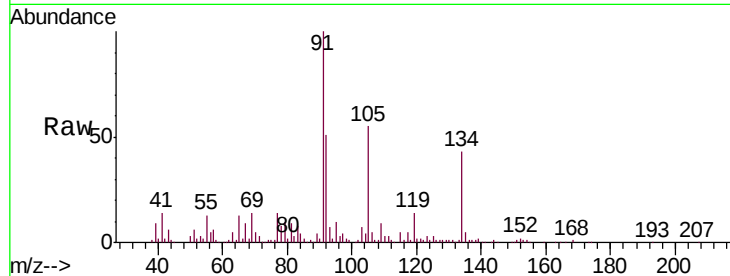




#89
n-Butylbenzene
Concen: 7.990 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

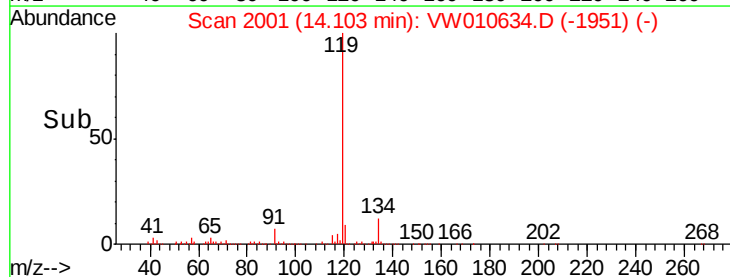
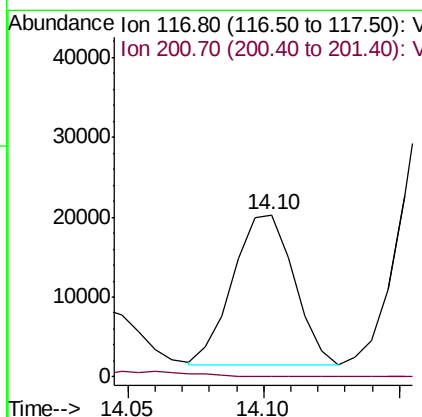
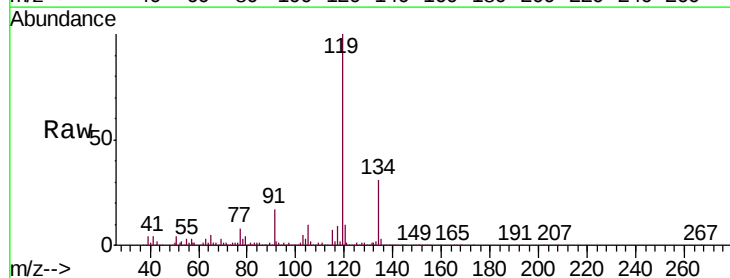
Instrument :
MSVOA_W
ClientSampleId :
FESB-24(6.5-7)

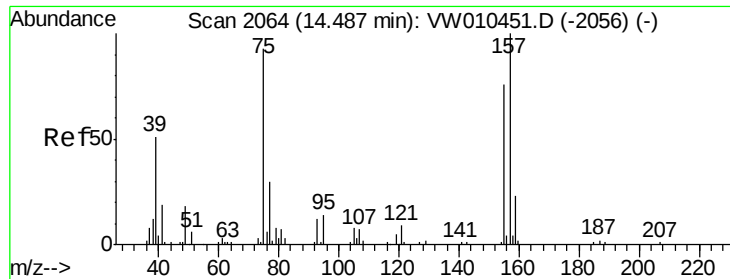
Tgt Ion: 91 Resp: 54748
Ion Ratio Lower Upper
91 100
92 66.0 27.7 83.1
134 0.0 13.9 41.6#



#90
Hexachloroethane
Concen: 20.964 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Tgt Ion: 117 Resp: 29230
Ion Ratio Lower Upper
117 100
201 0.0 34.6 103.8#

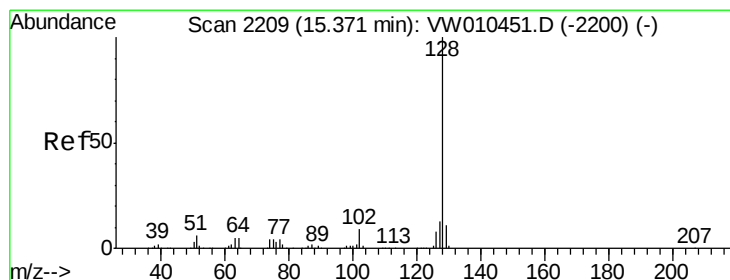
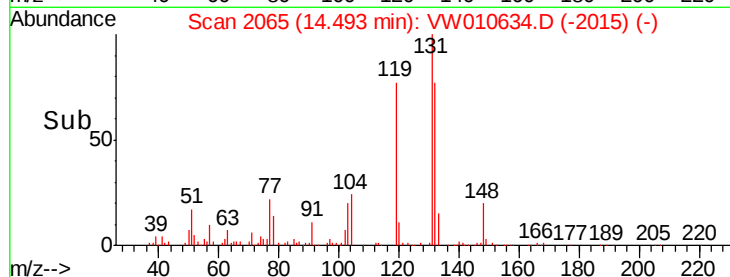
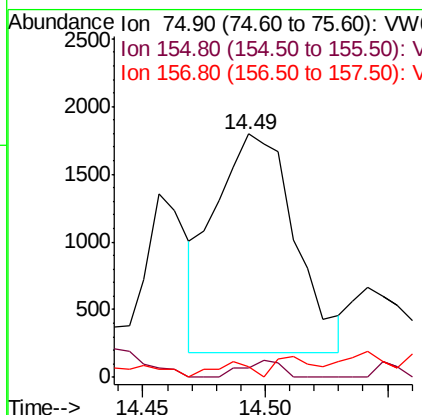
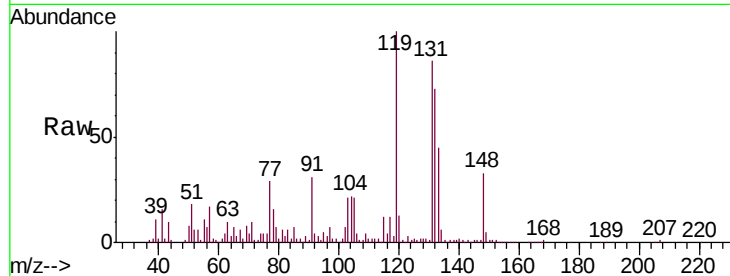




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.082 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-24(6.5-7)

Tgt Ion: 75 Resp: 3661
 Ion Ratio Lower Upper
 75 100
 155 3.7 43.0 129.0#
 157 3.3 55.7 167.1#



#95
 Naphthalene
 Concen: 2323.795 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

Tgt Ion: 128 Resp: 10205988
 Ion Ratio Lower Upper
 128 100
 127 14.0 10.6 15.8
 129 11.9 8.9 13.3

