

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 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 05:20:11 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	86517	51.49	ug/l	0.00
Spiked Amount			Recovery	=	102.98%	
35) Dibromofluoromethane	7.88	113	83993	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	10.32	98	348013	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	122016	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	

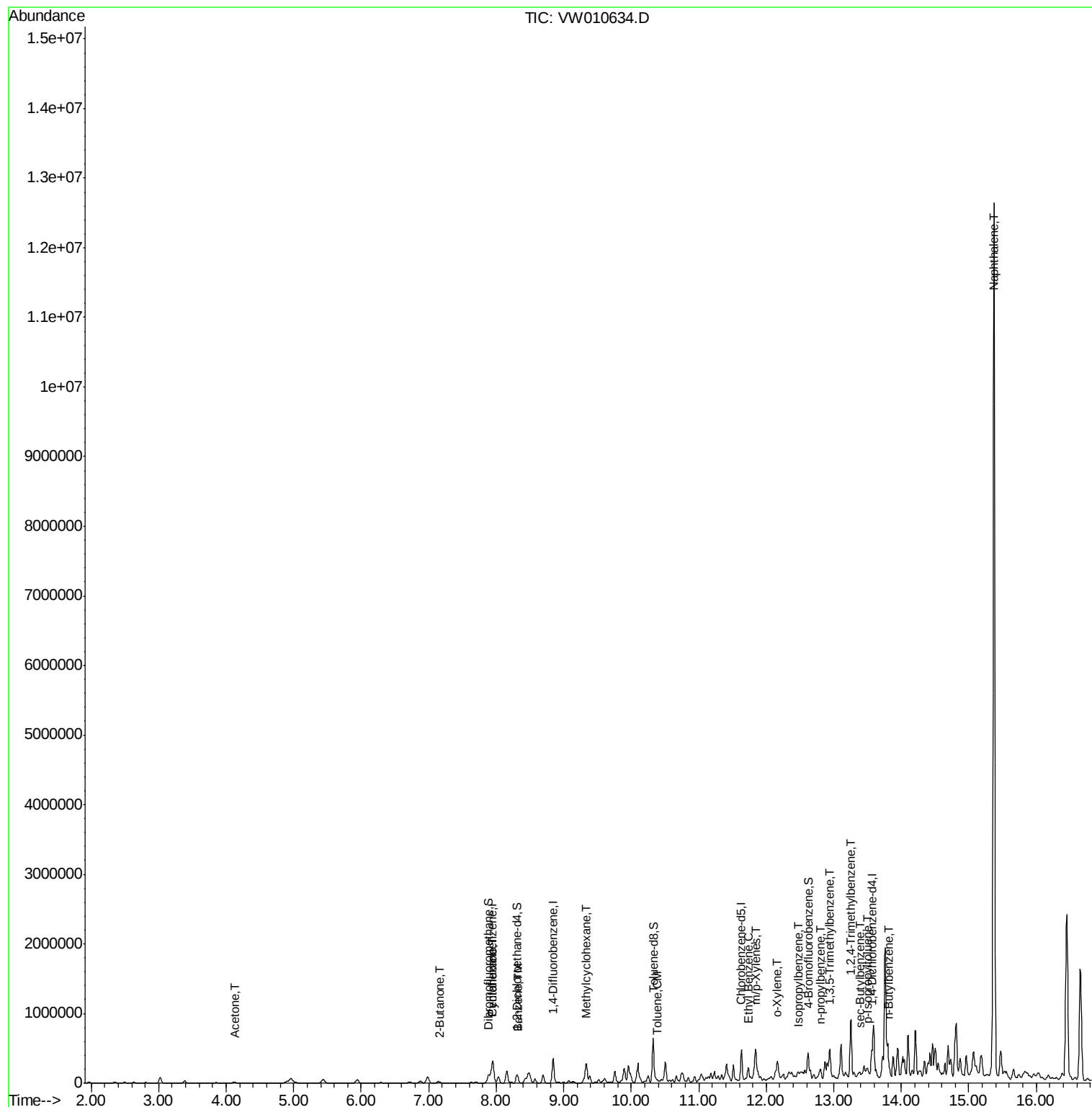
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	19858	57.903	ug/l	95
25) 2-Butanone	7.17	43	7495	15.271	ug/l #	86
31) Cyclohexane	7.95	56	67395	21.127	ug/l #	96
39) Methylcyclohexane	9.34	83	105160	29.667	ug/l	98
40) Benzene	8.32	78	19285	2.622	ug/l	96
52) Toluene	10.39	92	13816	2.798	ug/l	97
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
73) Isopropylbenzene	12.46	105	52191	6.790	ug/l	100
78) n-propylbenzene	12.80	91	92493	10.325	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	136559	20.975	ug/l	96
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
95) Naphthalene	15.37	128	10205988	2323.795	ug/l	98

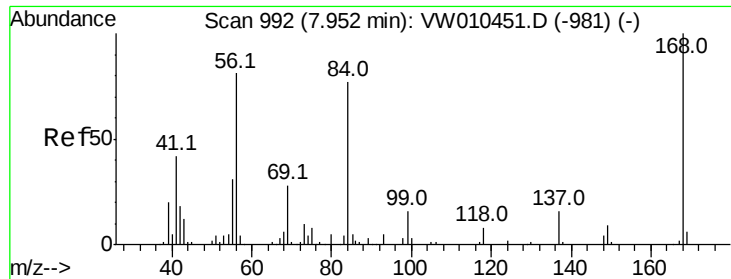
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053119\
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 05:20:11 2019
Quant Method : Z:\V0ASRV\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: VW010634.D

Acq: 31 May 2019 14:05

Instrument :

MSVOA_W

ClientSampleId :

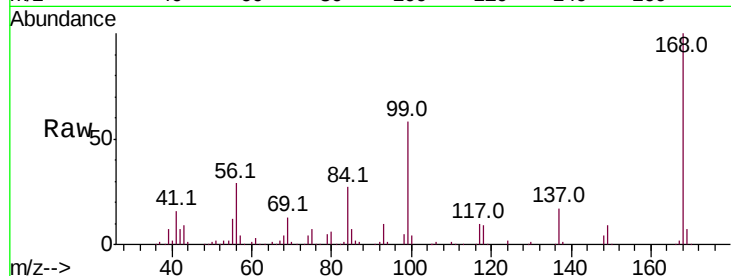
FESB-24(6.5-7)

Tot Ion:168 Resp: 162778

Ion Ratio Lower Upper

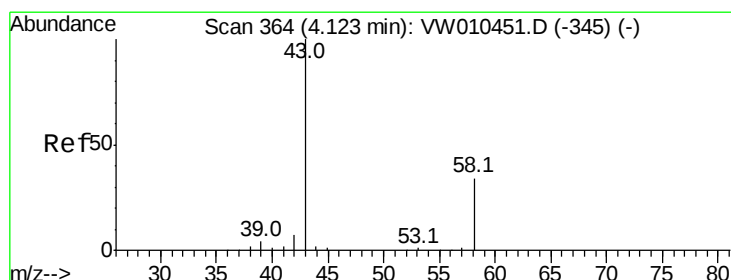
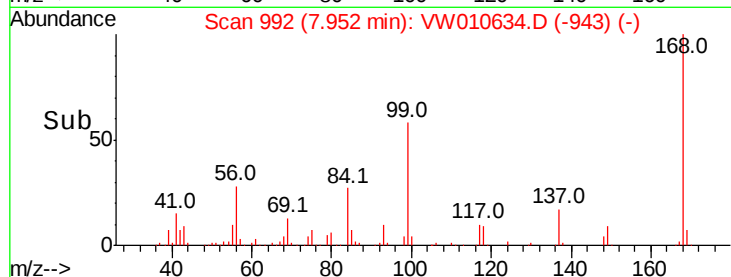
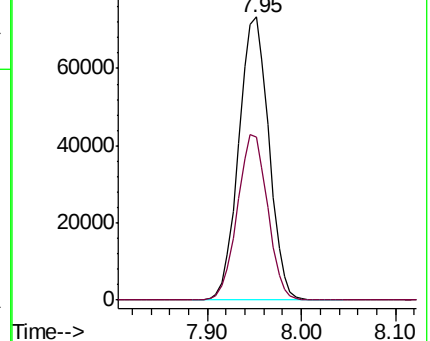
168 100

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



#16

Acetone

Concen: 57.903 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010634.D

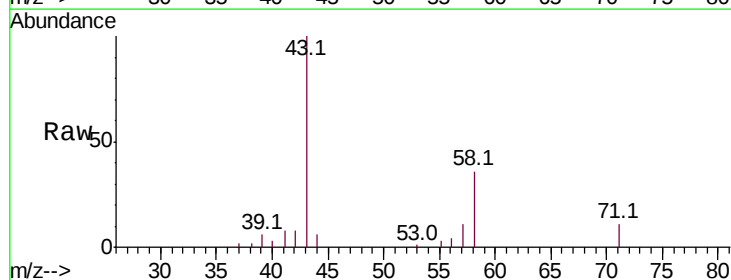
Acq: 31 May 2019 14:05

Tgt Ion: 43 Resp: 19858

Ion Ratio Lower Upper

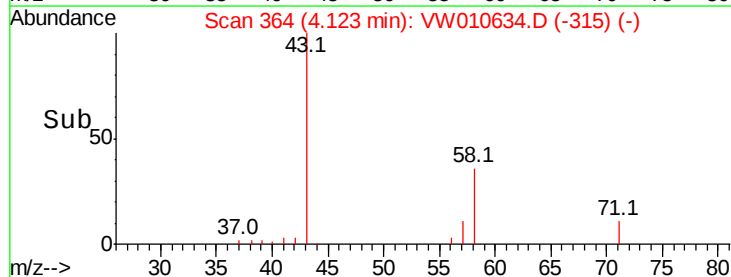
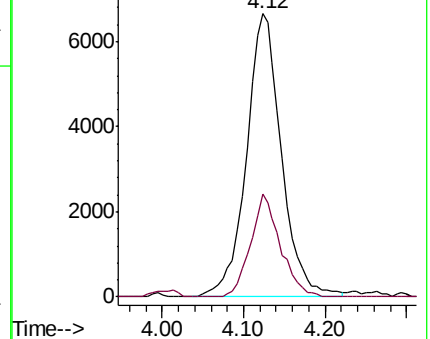
43 100

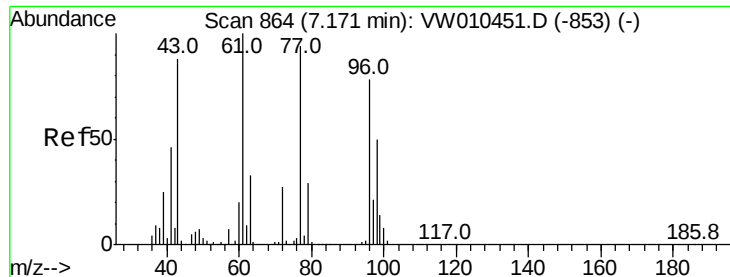
58 36.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#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

ClientSampled :

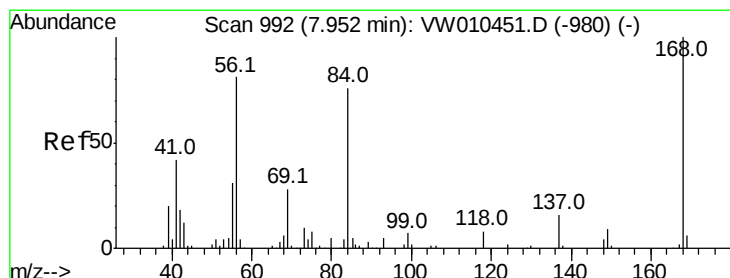
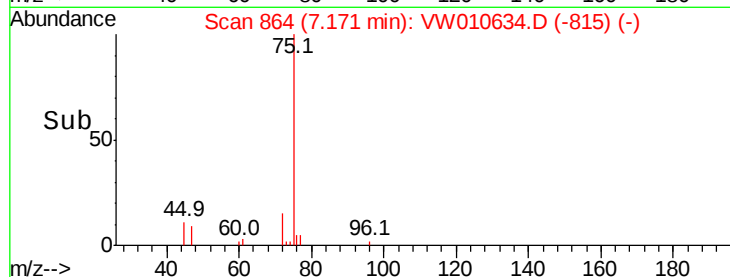
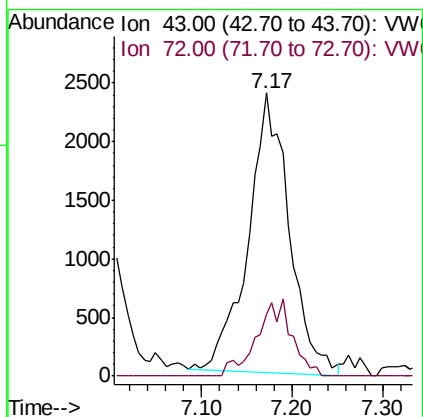
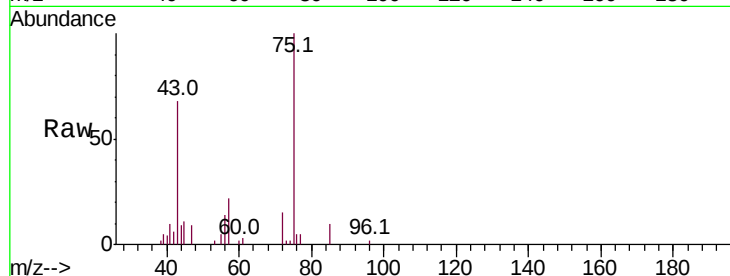
FESB-24(6.5-7)

Tot Ion: 43 Resp: 7495

Ion Ratio Lower Upper

43 100

72 22.6 24.1 36.1#



#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

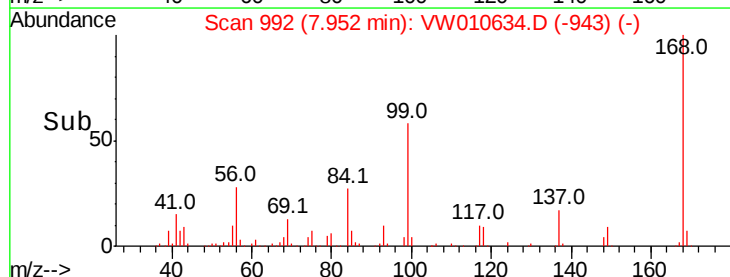
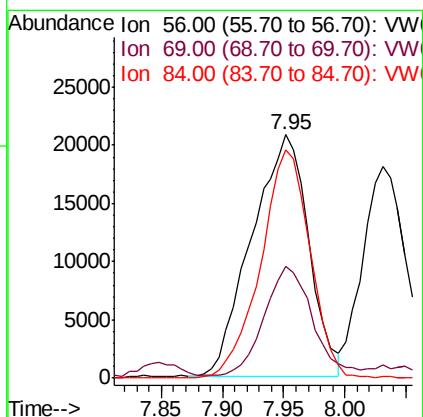
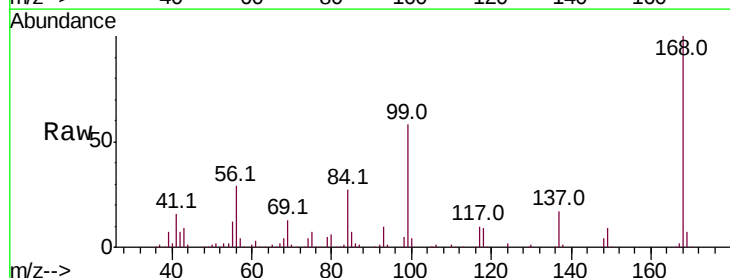
Tgt Ion: 56 Resp: 67395

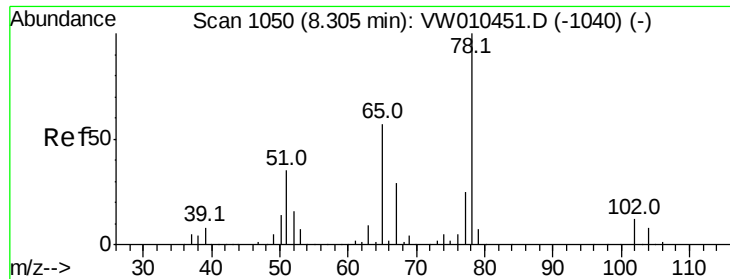
Ion Ratio Lower Upper

56 100

69 43.7 28.2 42.2#

84 94.4 75.8 113.8

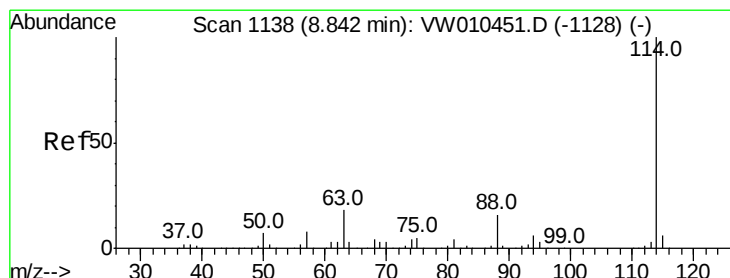
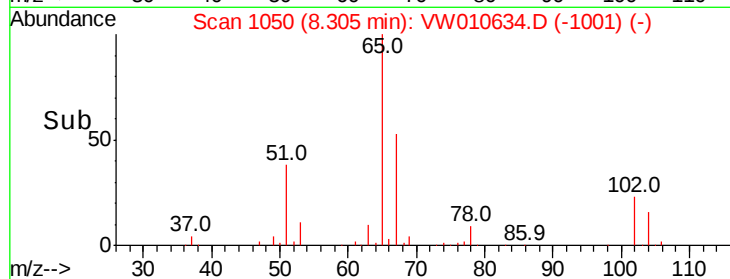
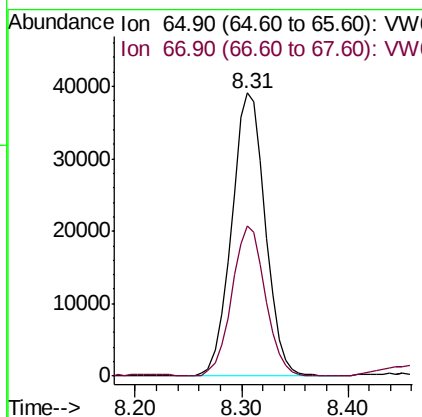
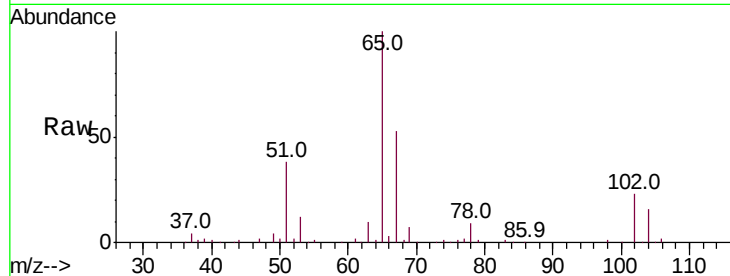




#33
 1,2-Dichloroethane-d4
 Concen: 51.494 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

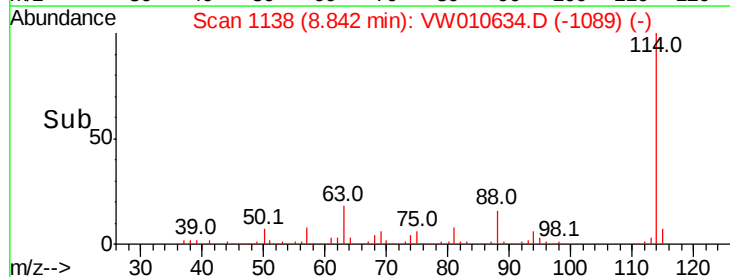
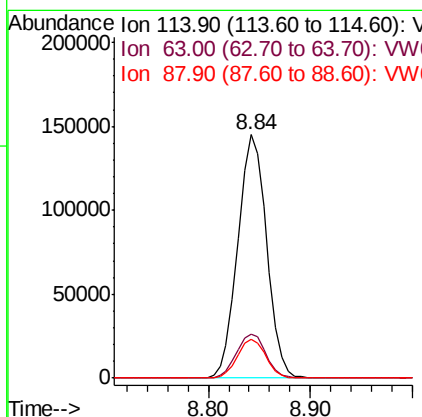
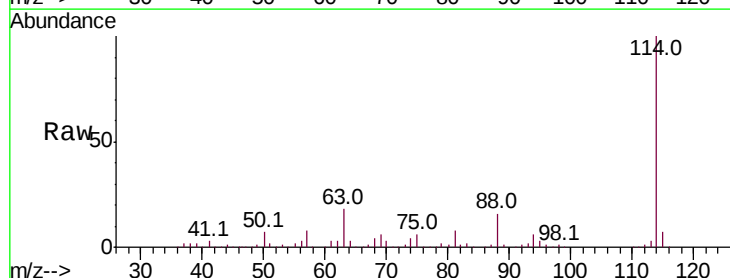
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-24(6.5-7)

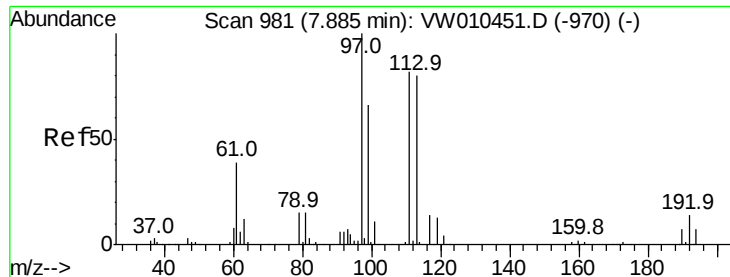
Tot Ion: 65 Resp: 86517
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.6



#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

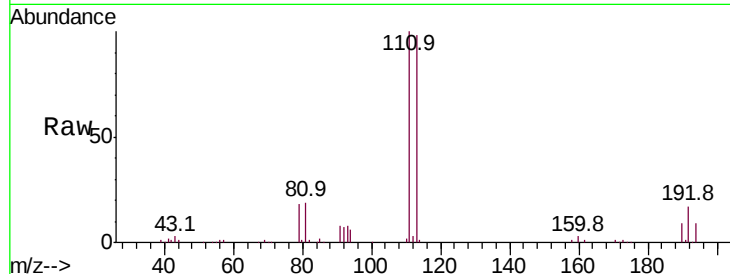




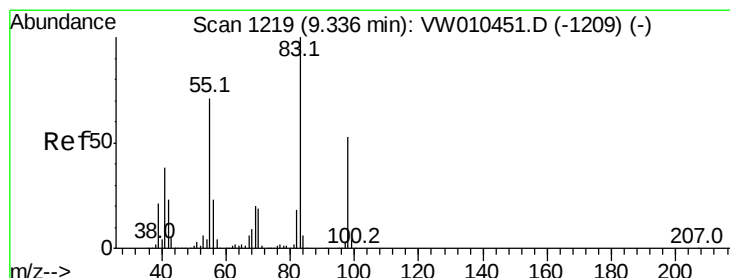
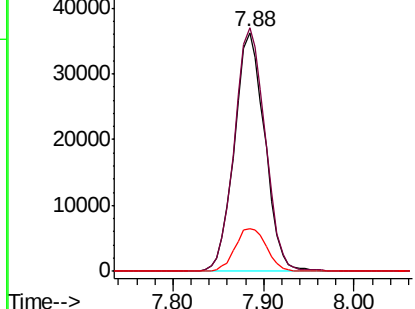
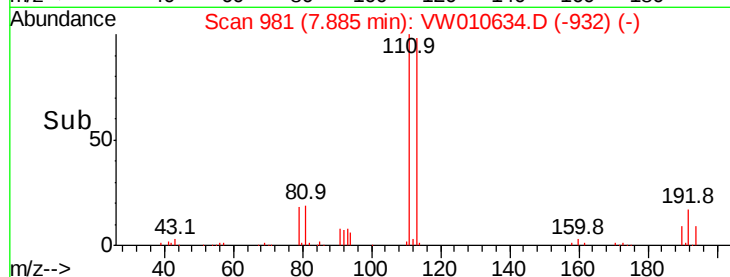
#35
 Dibromofluoromethane
 Concen: 48.738 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

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

Tot Ion:113 Resp: 83993
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 18.5 14.3 21.5

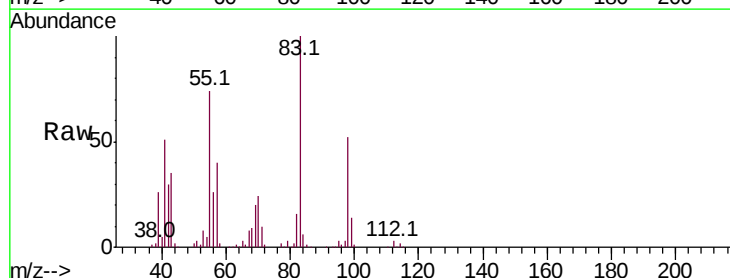


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

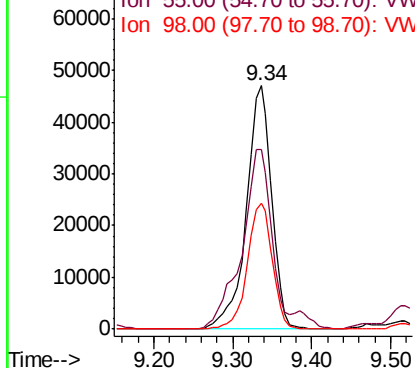
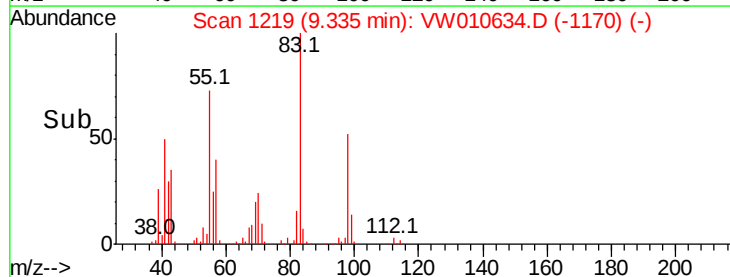


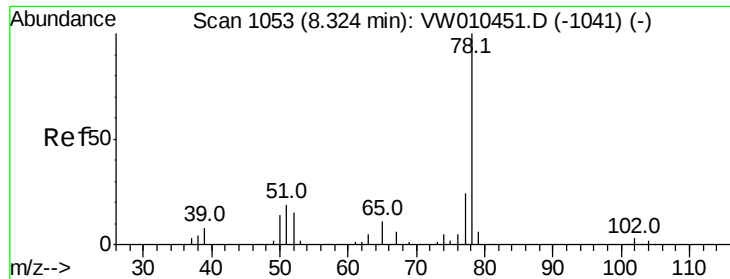
#39
 Methylcyclohexane
 Concen: 29.667 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

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 :

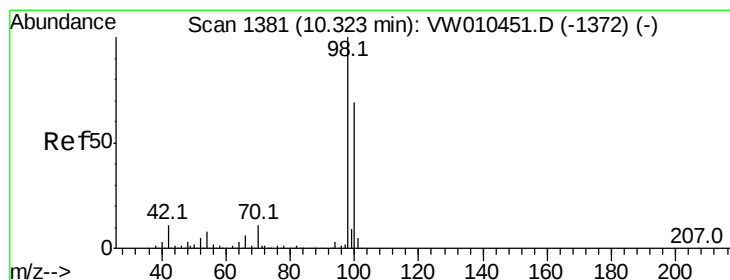
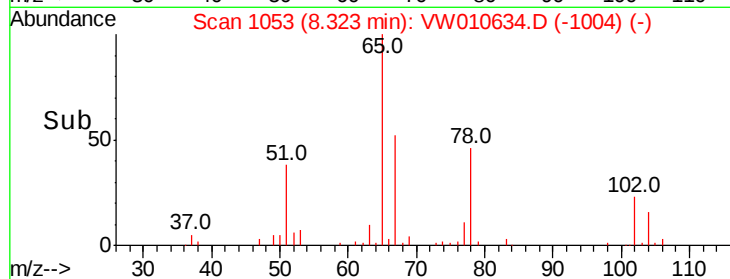
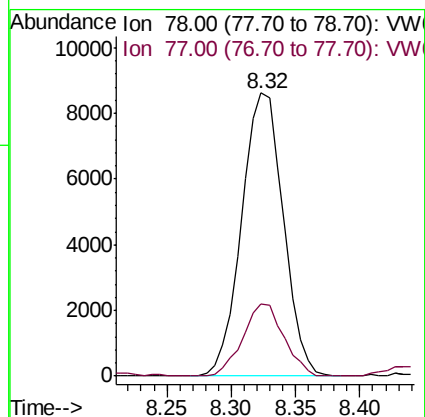
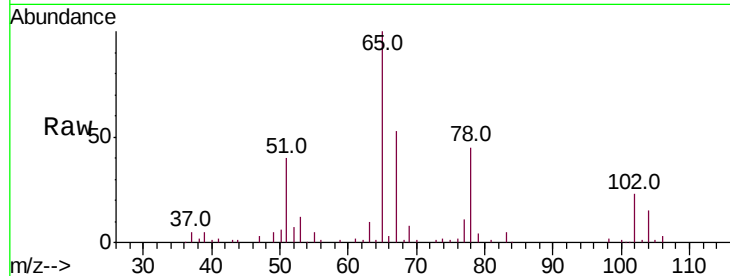
FESB-24(6.5-7)

Tot Ion: 78 Resp: 19285

Ion Ratio Lower Upper

78 100

77 25.4 18.9 28.3



#50

Toluene-d8

Concen: 52.860 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010634.D

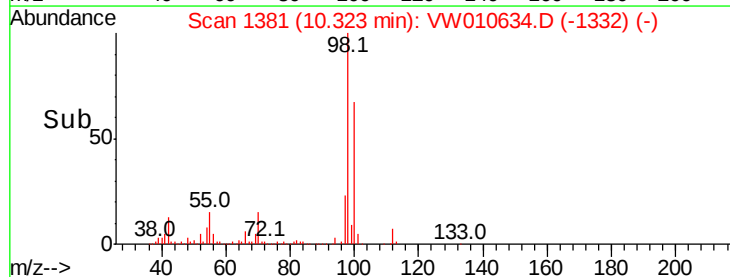
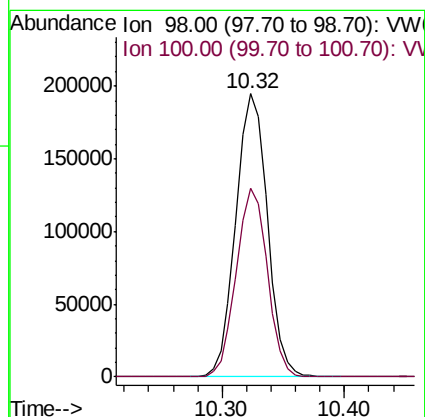
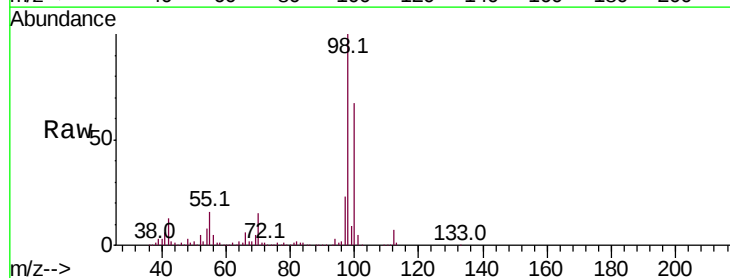
Acq: 31 May 2019 14:05

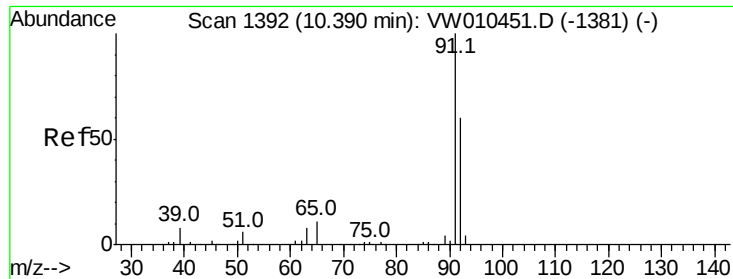
Tgt Ion: 98 Resp: 348013

Ion Ratio Lower Upper

98 100

100 65.7 53.7 80.5





#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

Instrument :

MSVOA_W

ClientSampleId :

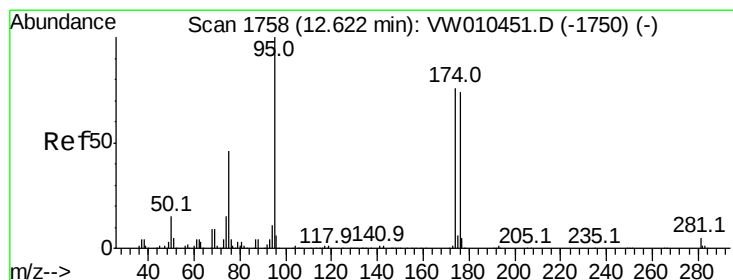
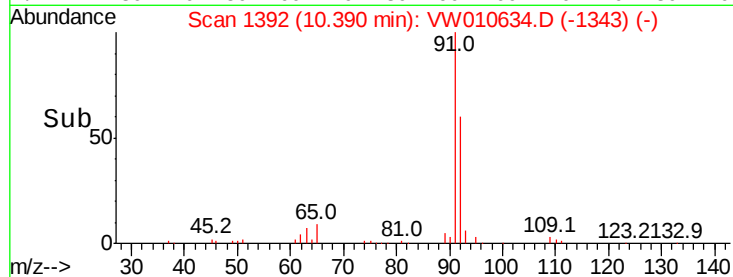
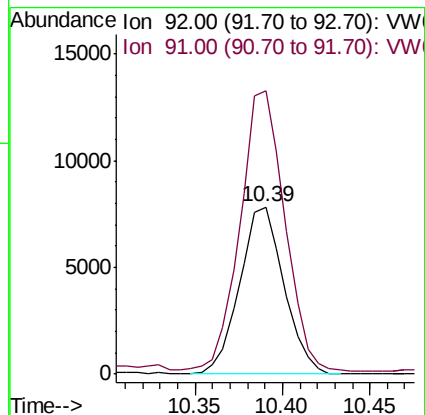
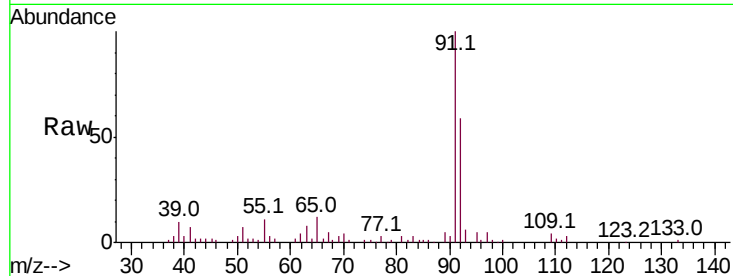
FESB-24(6.5-7)

Tot Ion: 92 Resp: 13816

Ion Ratio Lower Upper

92 100

91 172.8 135.4 203.0



#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

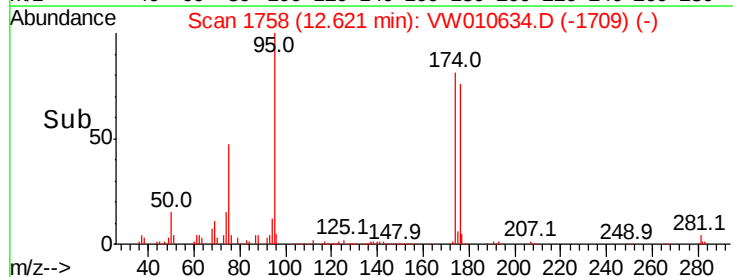
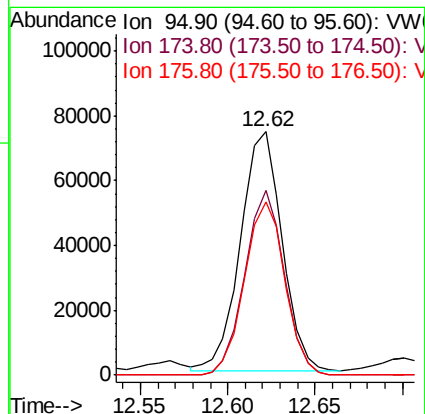
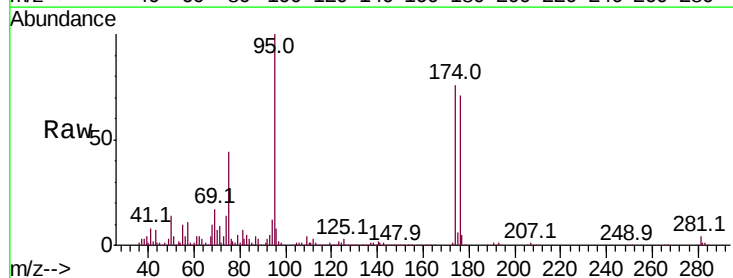
Tgt Ion: 95 Resp: 122016

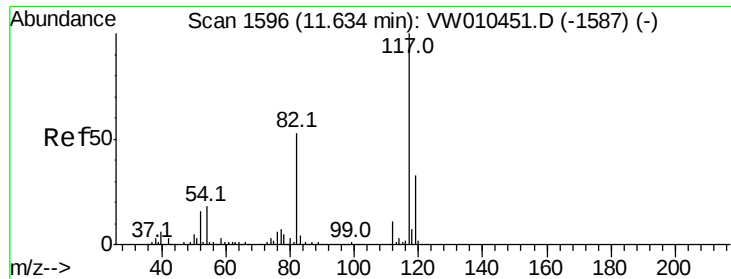
Ion Ratio Lower Upper

95 100

174 73.5 0.0 148.6

176 70.7 0.0 144.2

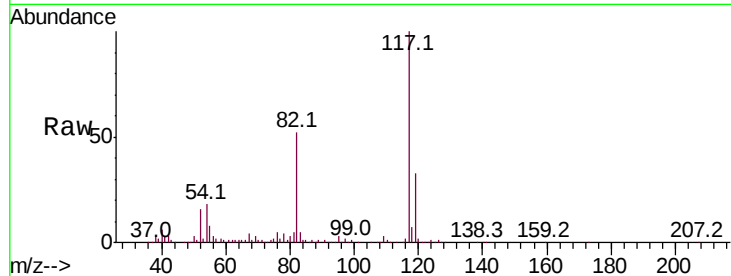




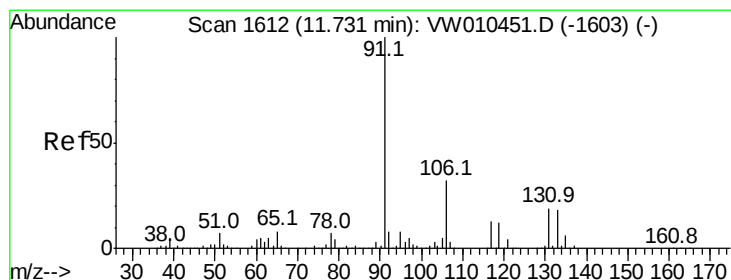
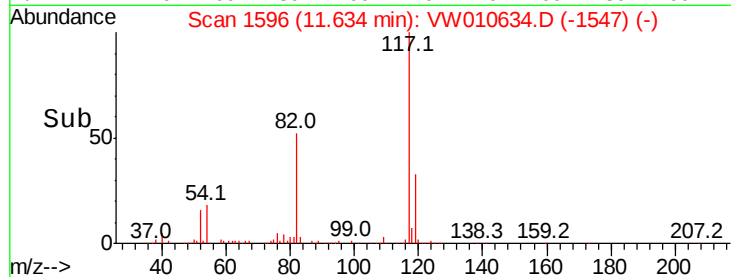
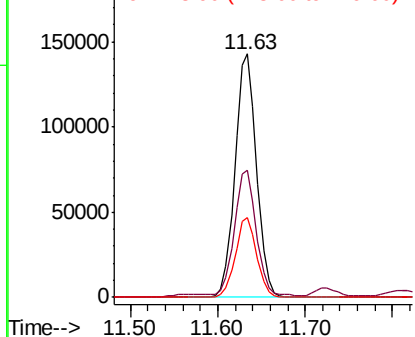
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

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

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

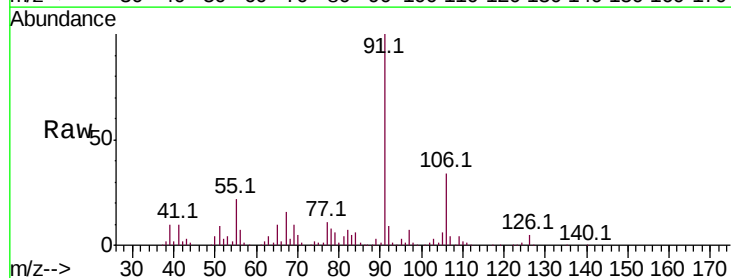


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

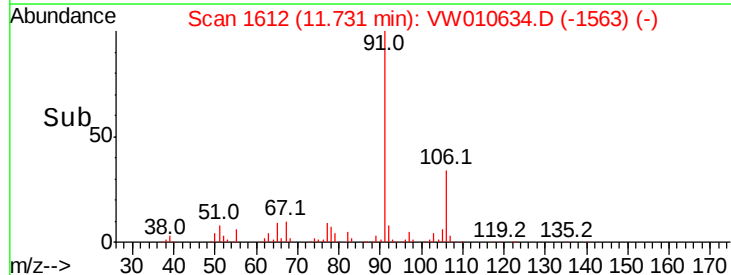
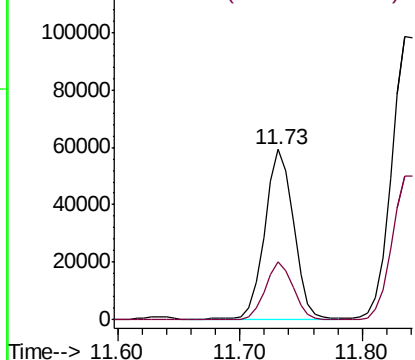


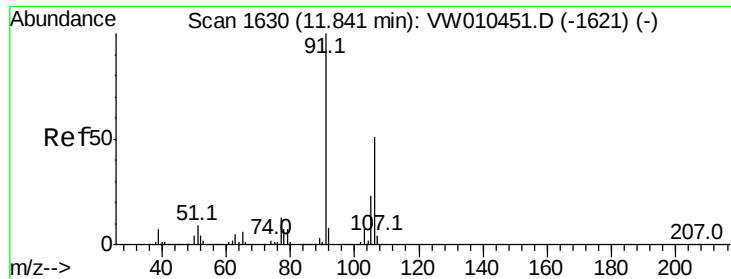
#67
Ethyl Benzene
Concen: 10.462 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

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): V
Ion 106.00 (105.70 to 106.70): V

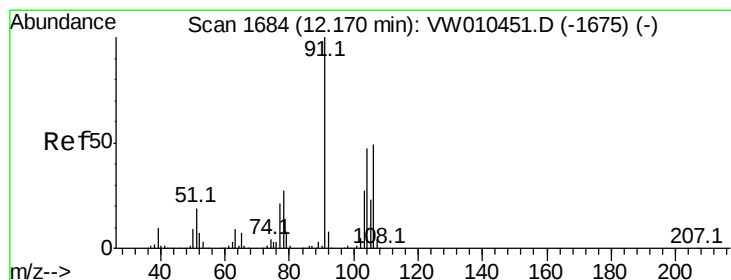
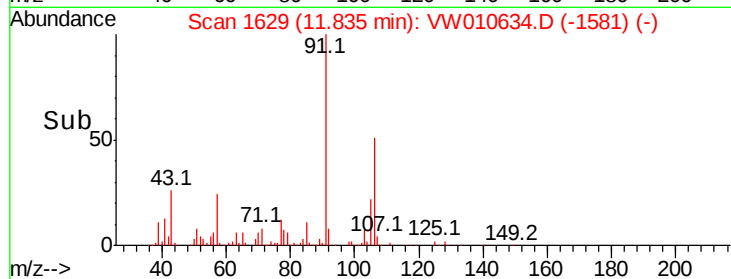
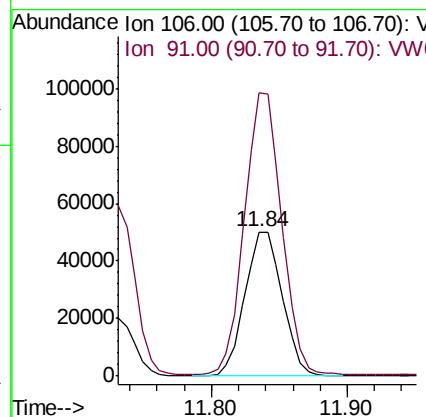
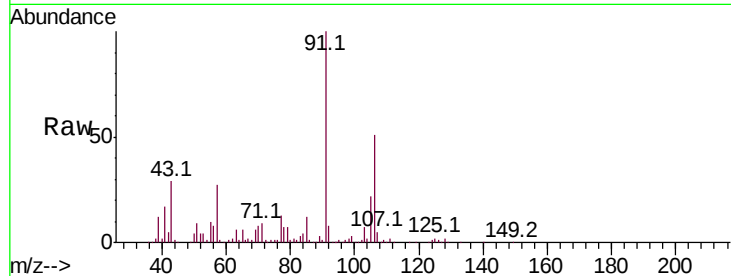




#68
m/p-Xylenes
Concen: 26.750 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

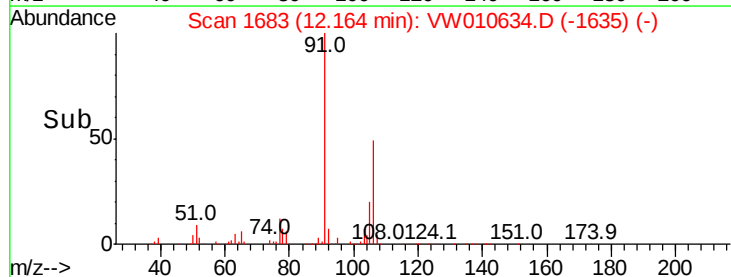
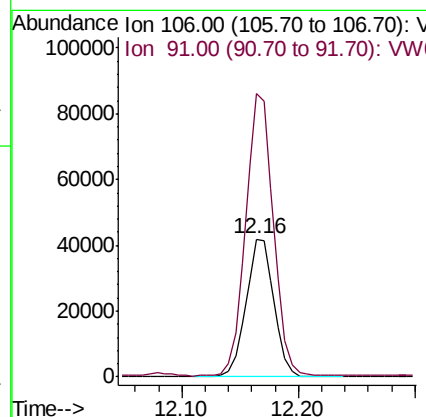
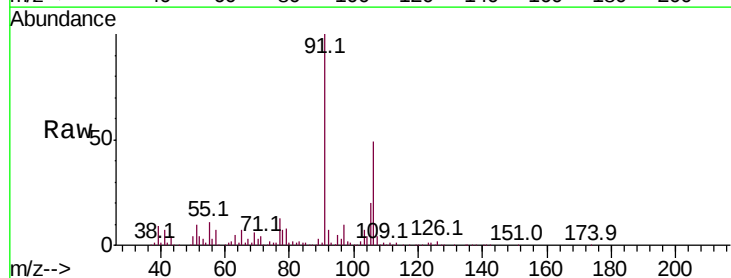
Instrument :
MSVOA_W
ClientSampled :
FESB-24(6.5-7)

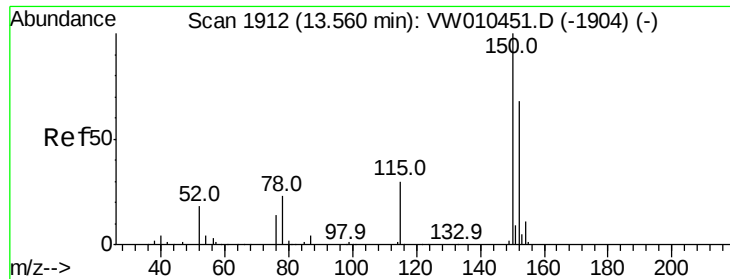
Tot Ion:106 Resp: 96414
Ion Ratio Lower Upper
106 100
91 194.6 156.0 234.0



#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



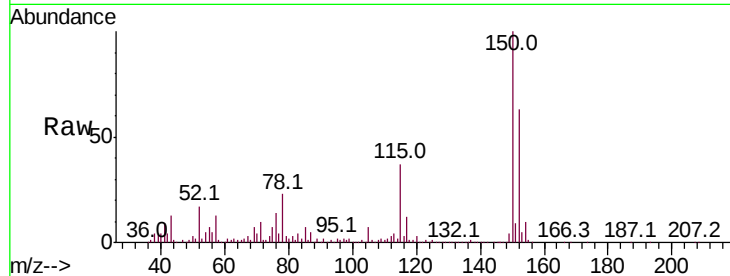


#72

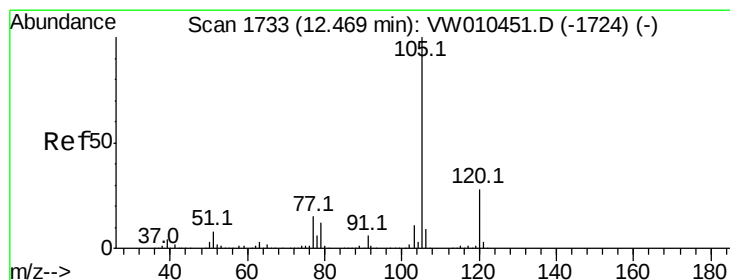
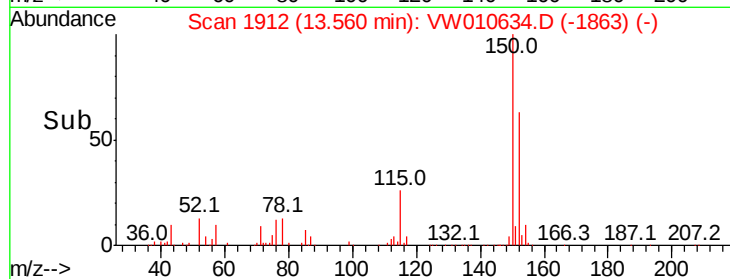
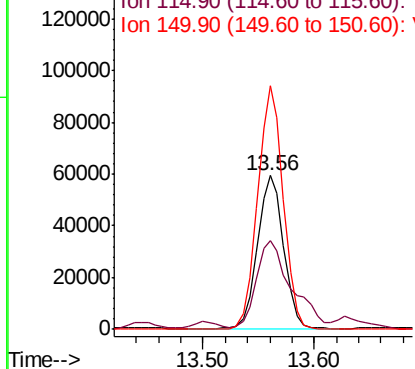
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

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

Tot Ion:152 Resp: 96870
Ion Ratio Lower Upper
152 100
115 74.5 30.3 91.0
150 154.2 0.0 349.8



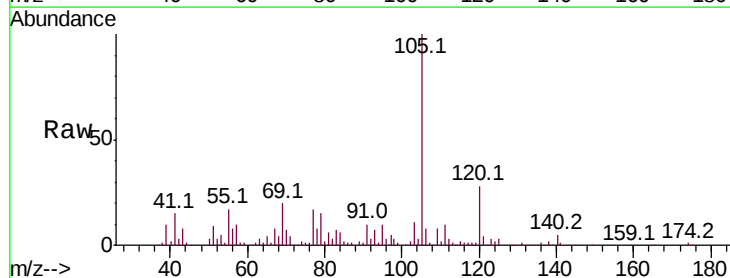
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



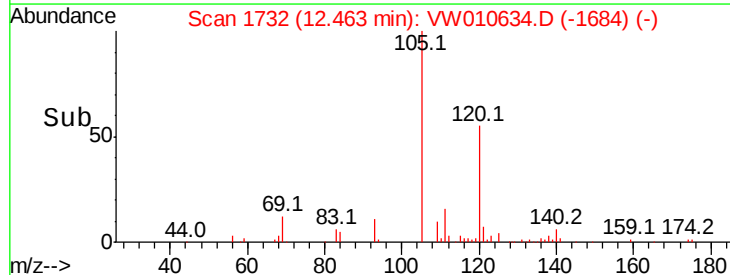
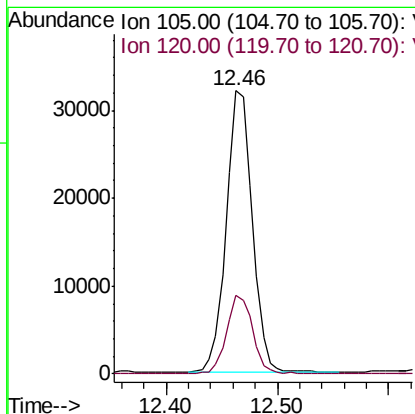
#73

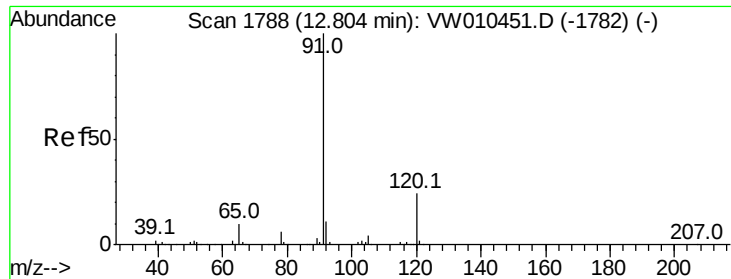
Isopropylbenzene
Concen: 6.790 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

Tgt Ion:105 Resp: 52191
Ion Ratio Lower Upper
105 100
120 27.8 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#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 :

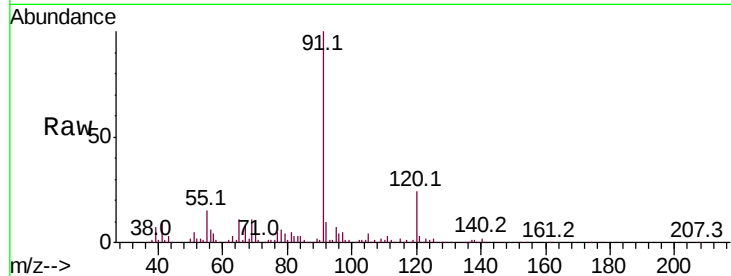
FESB-24(6.5-7)

Tot Ion: 91 Resp: 92493

Ion Ratio Lower Upper

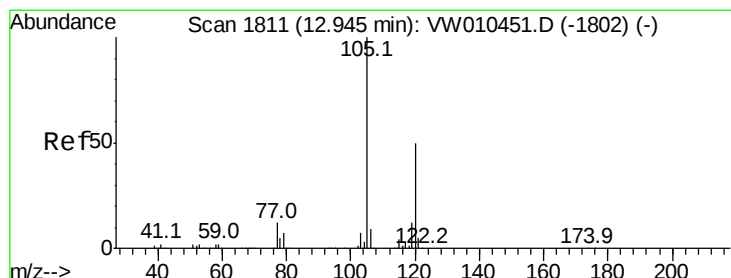
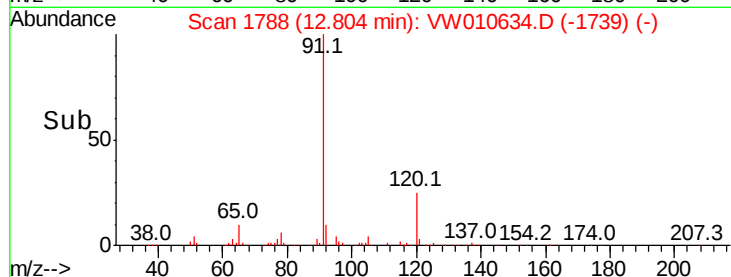
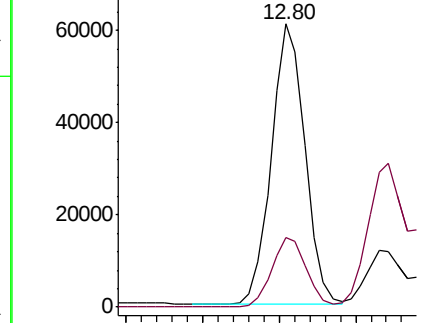
91 100

120 25.8 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V



#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

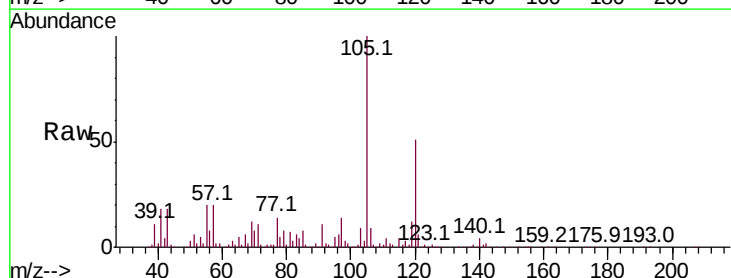
Acq: 31 May 2019 14:05

Tgt Ion:105 Resp: 136559

Ion Ratio Lower Upper

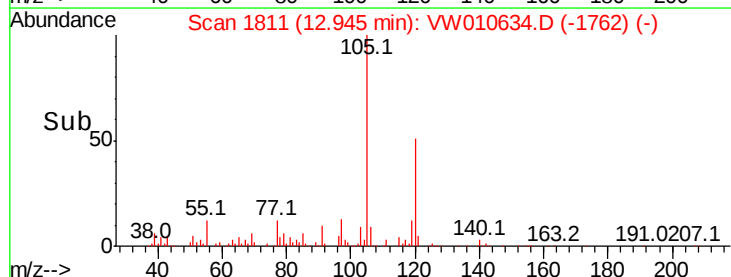
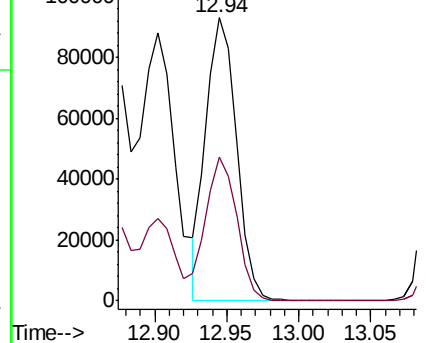
105 100

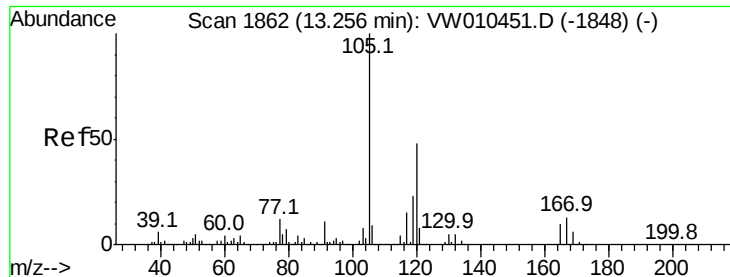
120 53.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

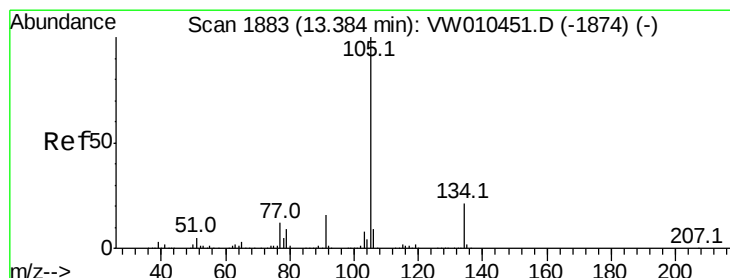
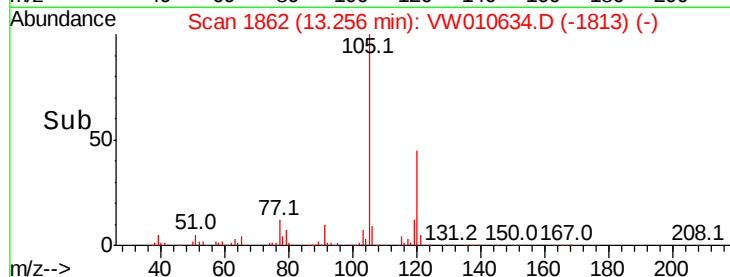
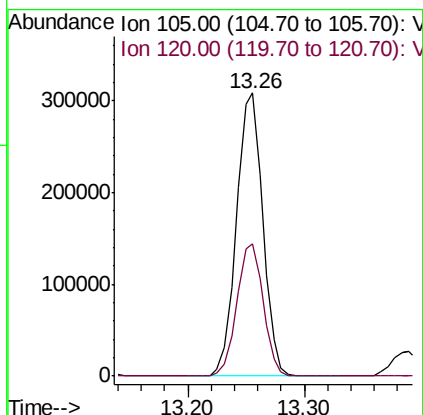
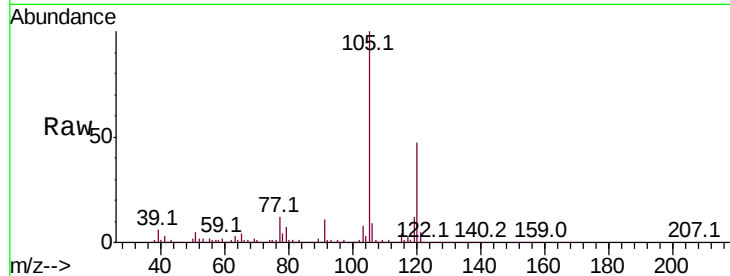




#84
 1,2,4-Trimethylbenzene
 Concen: 74.835 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010634.D
 Acq: 31 May 2019 14:05

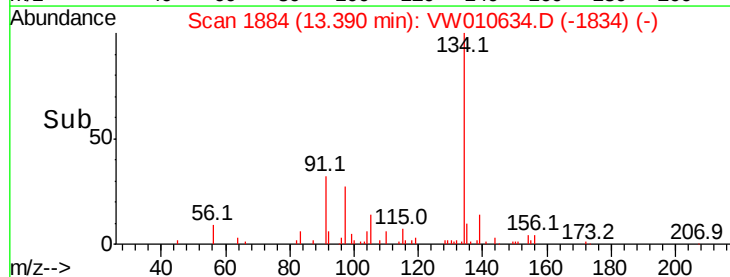
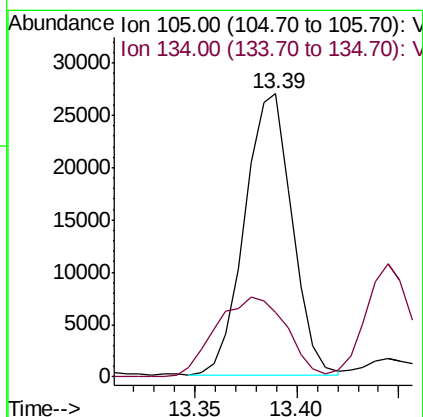
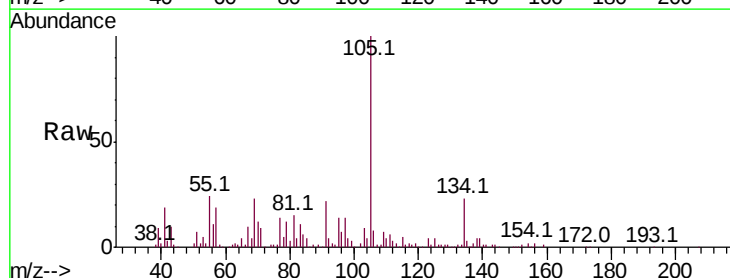
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-24(6.5-7)

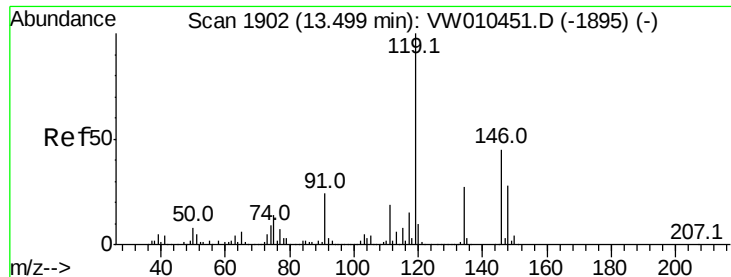
Tot Ion:105 Resp: 485240
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.2



#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

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

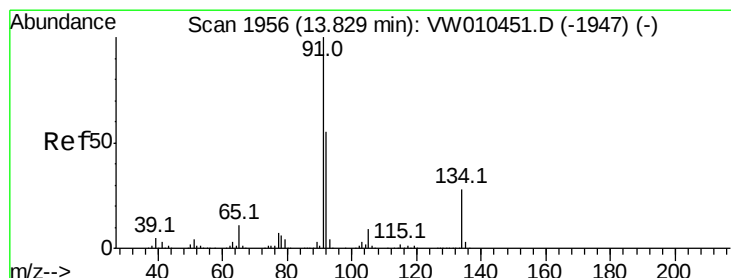
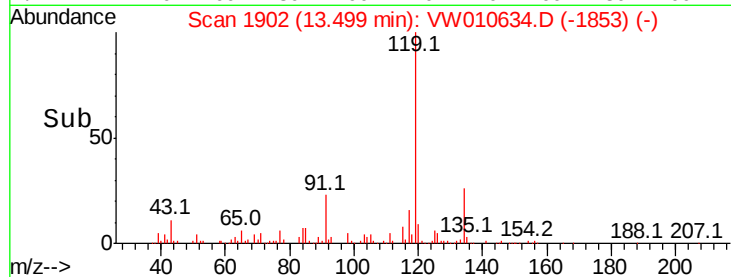
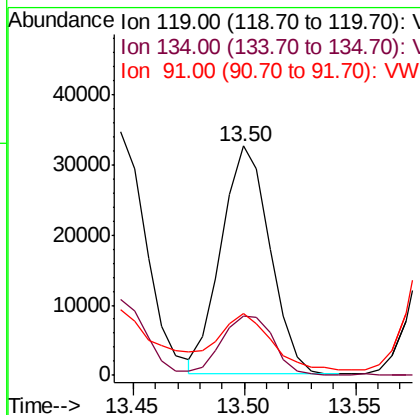
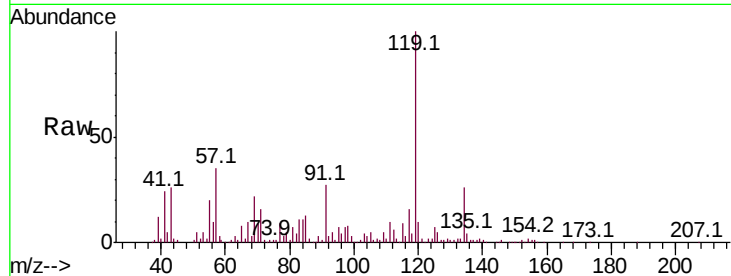




#86
p-Isopropyltoluene
Concen: 6.872 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

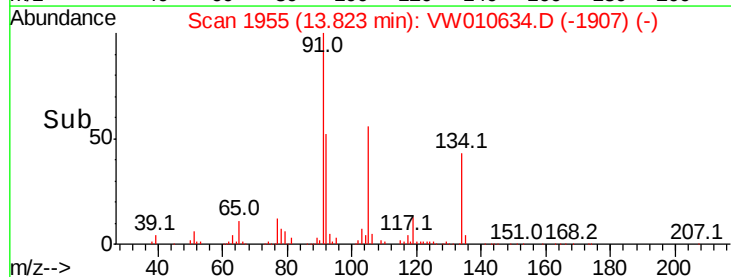
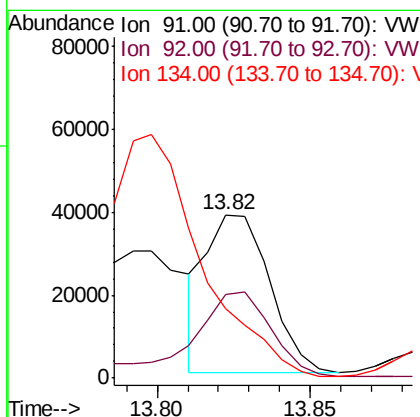
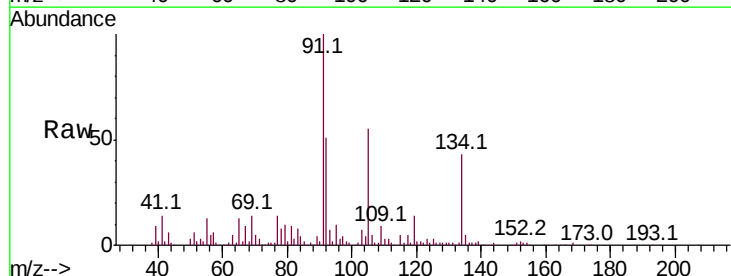
Instrument :
MSVOA_W
ClientSampleId :
FESB-24(6.5-7)

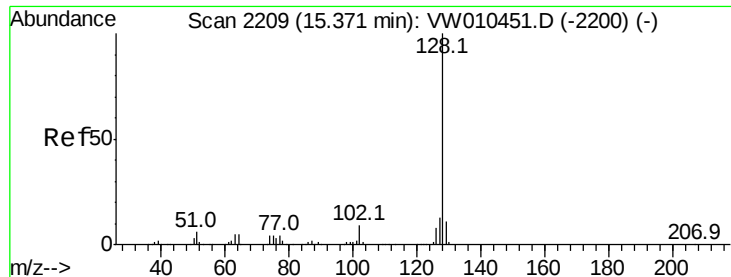
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.6	40.7
91	27.0	11.9	35.7



#89
n-Butylbenzene
Concen: 7.990 ug/l
RT: 13.82 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

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

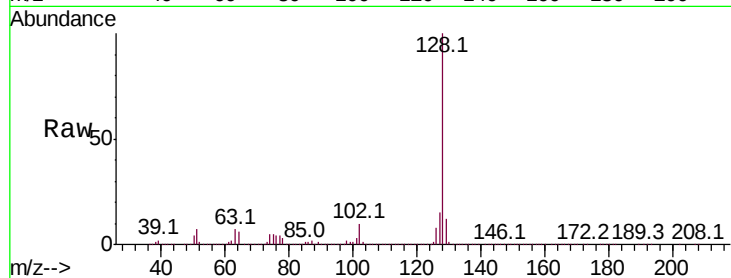




#95
Naphthalene
Concen: 2323.795 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010634.D
Acq: 31 May 2019 14:05

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

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



Abundance Ion 128.00 (127.70 to 128.70): V
8000000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

