

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
 Data File : VW010529.D
 Acq On : 23 May 2019 14:54
 Operator : SY/VA
 Sample : K3010-02
 Misc : 6.82G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-23(3-3.5)

Quant Time: May 24 08:41:49 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	124280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	222860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	191829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75769	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	69633	54.28	ug/l	0.00
Spiked Amount			Recovery	=	108.56%	
35) Dibromofluoromethane	7.88	113	69770	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
50) Toluene-d8	10.32	98	273269	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	94804	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	

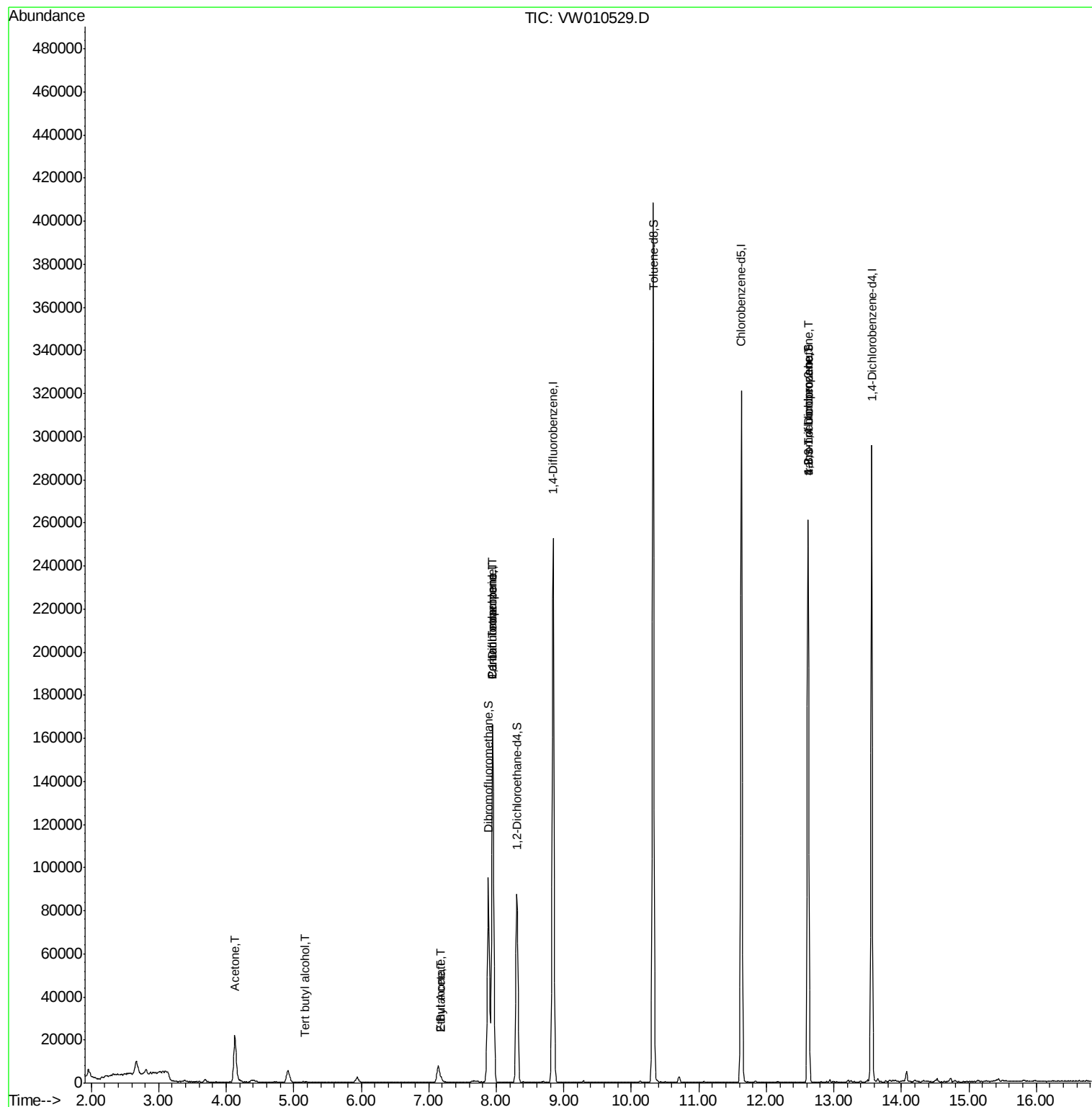
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	408	3.536	ug/l #	71
13) Acrolein	4.06	56	22	Below Cal	#	13
16) Acetone	4.13	43	37321	142.531	ug/l	97
20) Methylene Chloride	4.91	84	4529	Below Cal		97
25) 2-Butanone	7.18	43	3341	8.916	ug/l	92
36) 1,1-Dichloropropene	7.95	75	9462	4.558	ug/l #	48
37) Ethyl Acetate	7.18	43	3341	3.784	ug/l #	67
38) Carbon Tetrachloride	7.95	117	13206	5.897	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	44626	58.023	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	44626	121.096	ug/l #	14

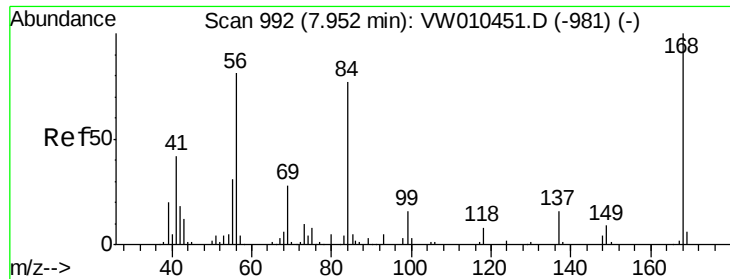
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010529.D

Acq: 23 May 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

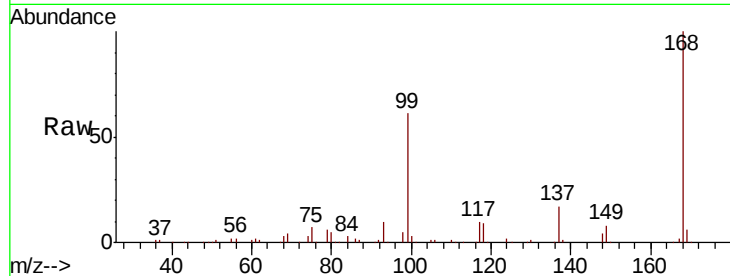
FESB-23(3-3.5)

Tot Ion:168 Resp: 124280

Ion Ratio Lower Upper

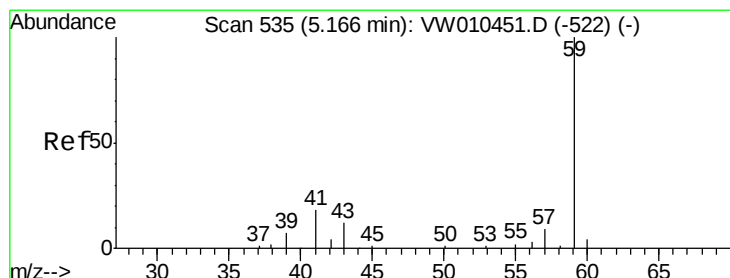
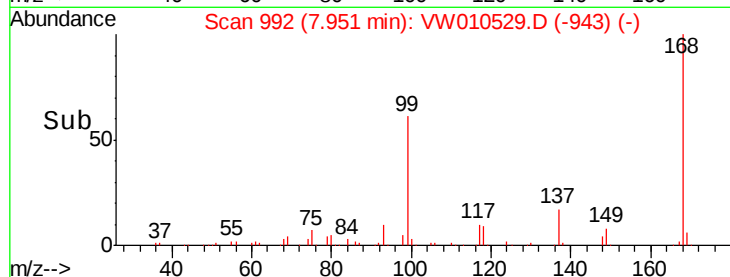
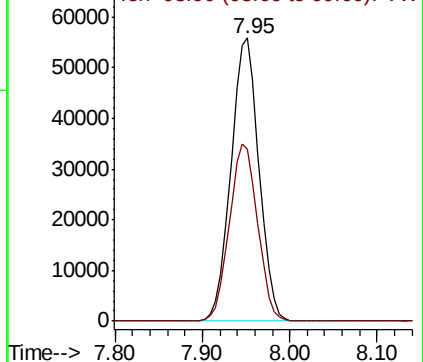
168 100

99 61.0 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: 3.536 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW010529.D

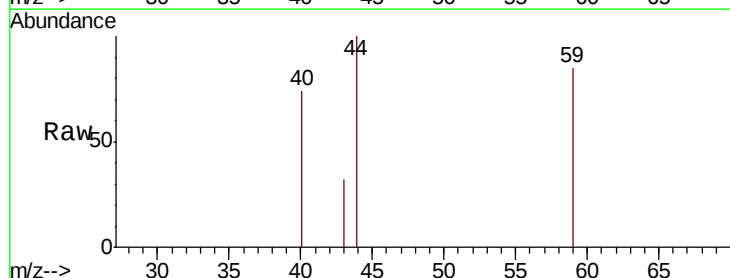
Acq: 23 May 2019 14:54

Tgt Ion: 59 Resp: 408

Ion Ratio Lower Upper

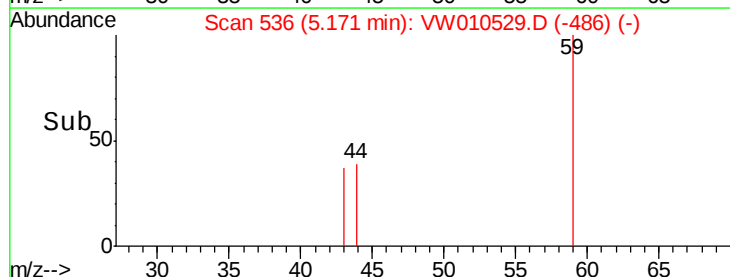
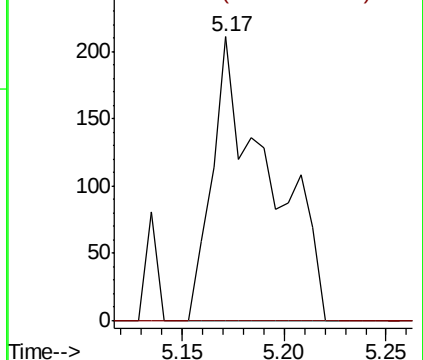
59 100

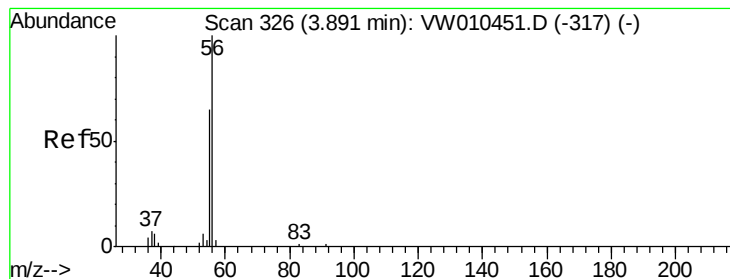
57 0.0 8.8 13.2#



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: 4.06 min Scan# 353

Delta R.T. 0.16 min

Lab File: VW010529.D

Acq: 23 May 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

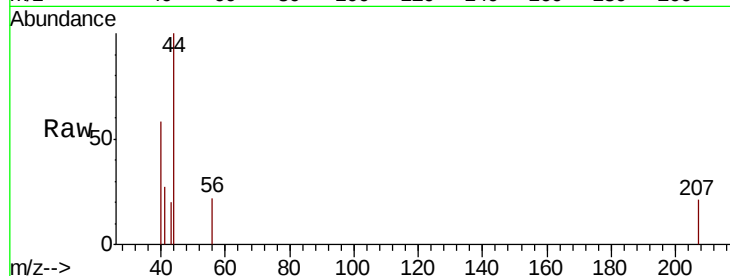
FESB-23(3-3.5)

Tot Ion: 56 Resp: 22

Ion Ratio Lower Upper

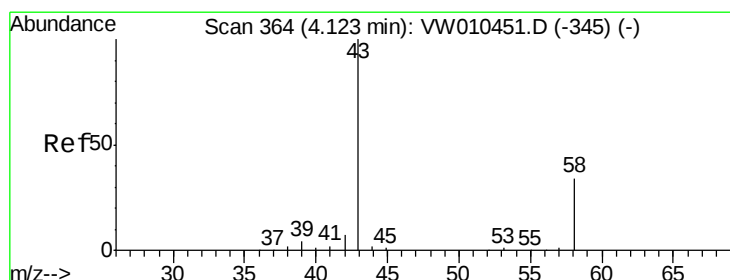
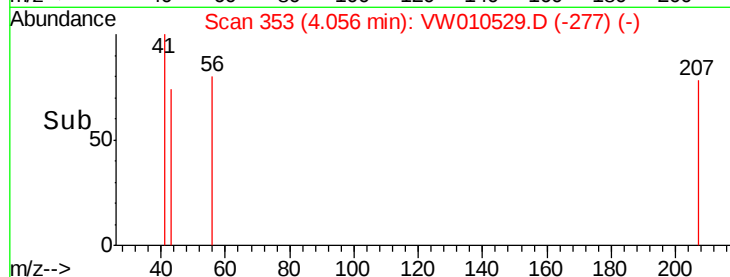
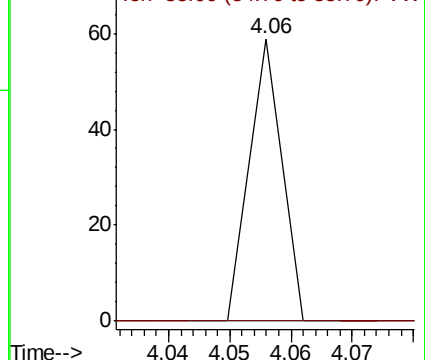
56 100

55 0.0 57.9 86.9#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#16

Acetone

Concen: 142.531 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010529.D

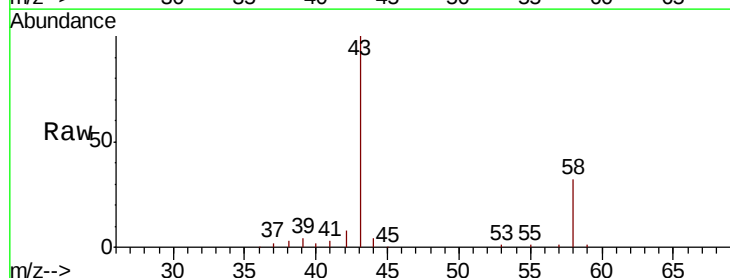
Acq: 23 May 2019 14:54

Tgt Ion: 43 Resp: 37321

Ion Ratio Lower Upper

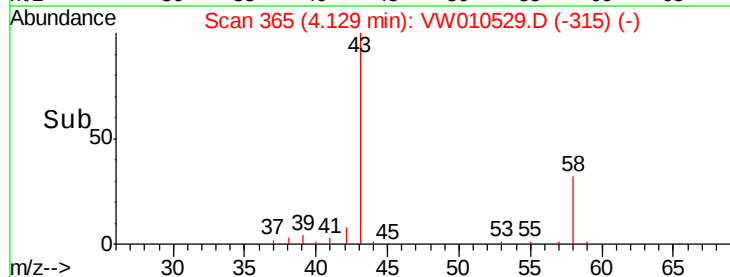
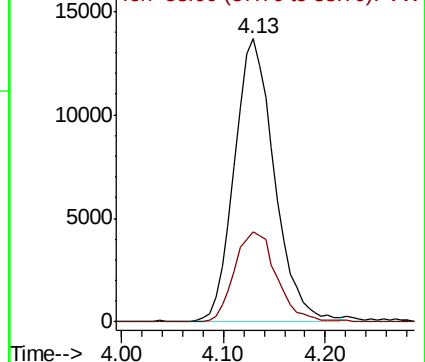
43 100

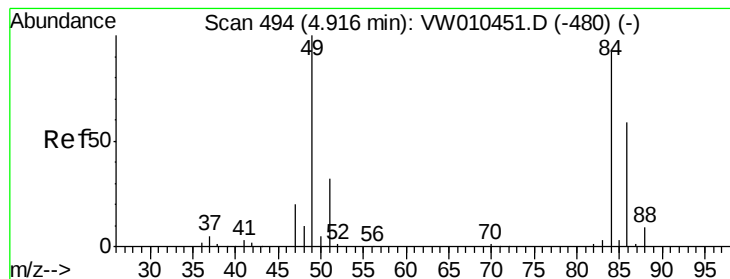
58 31.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW010529.D

Acq: 23 May 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

FESB-23(3-3.5)

Tot Ion: 84 Resp: 4529

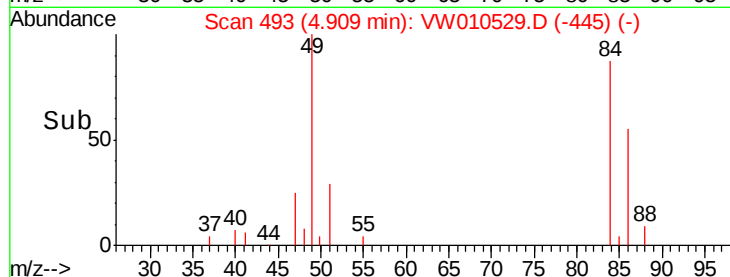
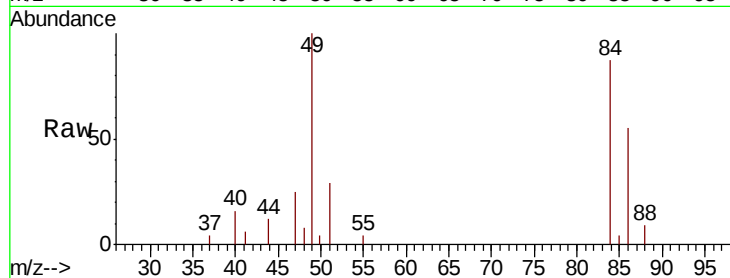
Ion Ratio Lower Upper

84 100

49 114.5 87.2 130.8

51 33.6 27.7 41.5

86 63.5 51.4 77.0

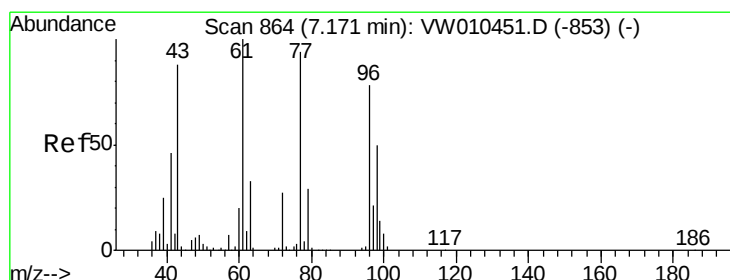
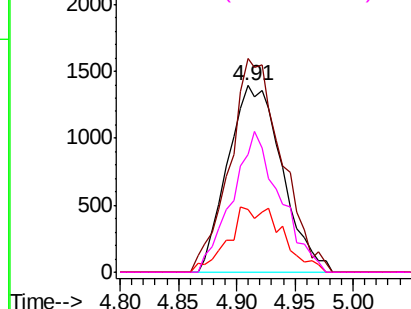


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 8.916 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW010529.D

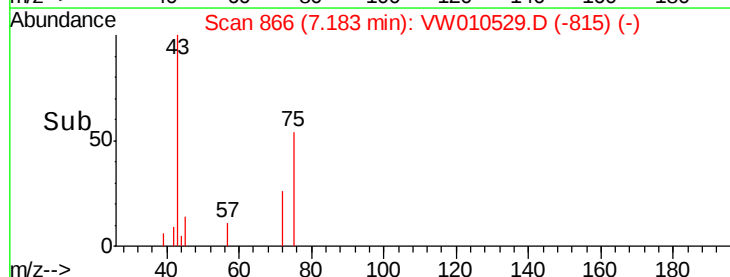
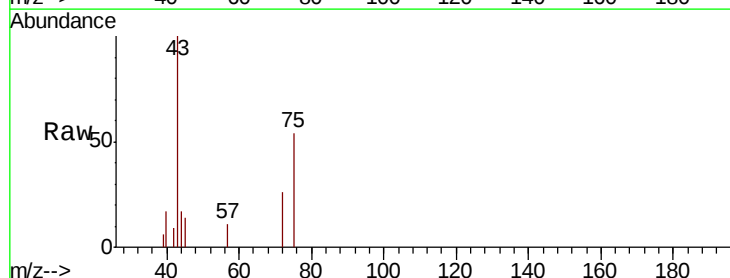
Acq: 23 May 2019 14:54

Tgt Ion: 43 Resp: 3341

Ion Ratio Lower Upper

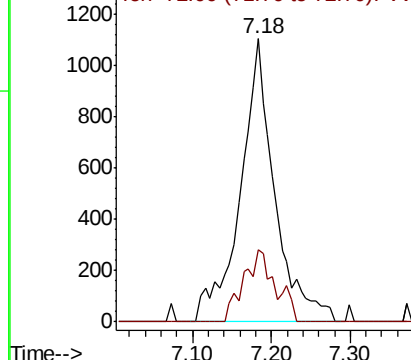
43 100

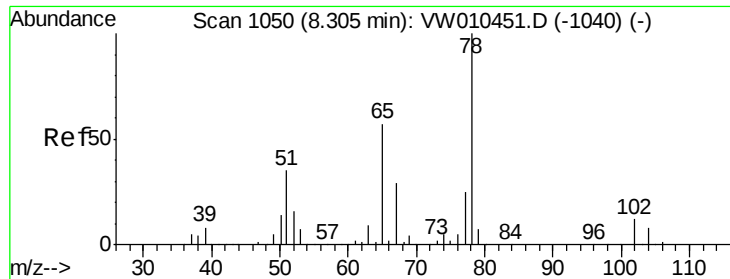
72 25.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

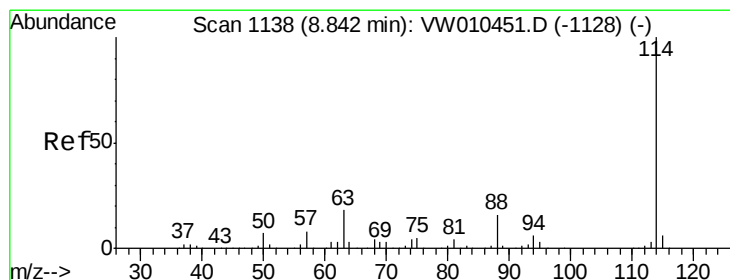
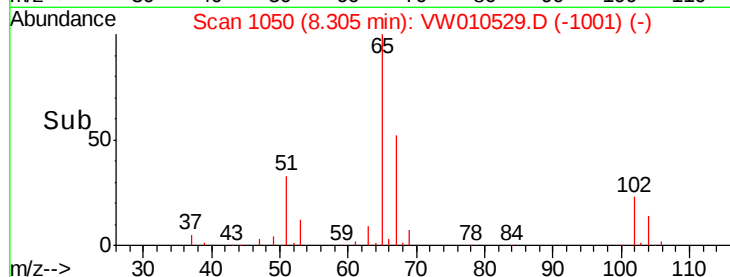
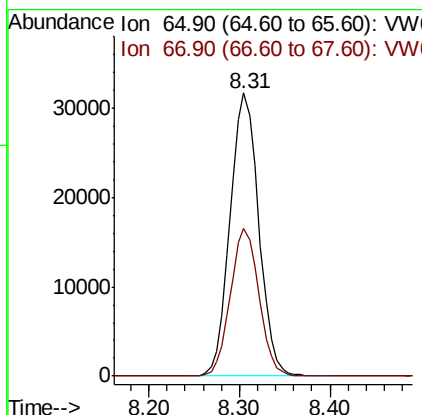
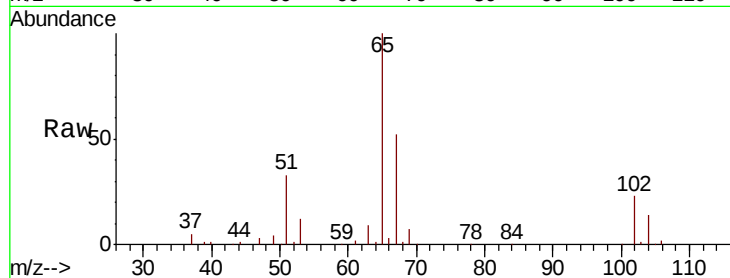




#33
 1,2-Dichloroethane-d4
 Concen: 54.283 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010529.D
 Acq: 23 May 2019 14:54

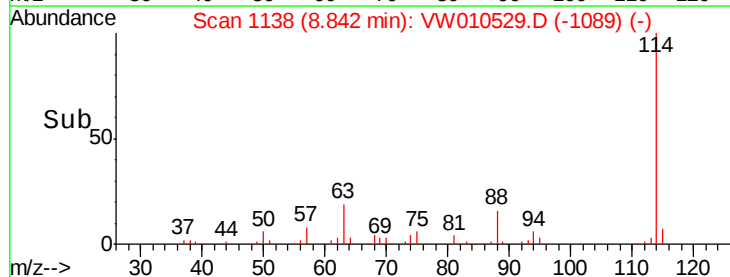
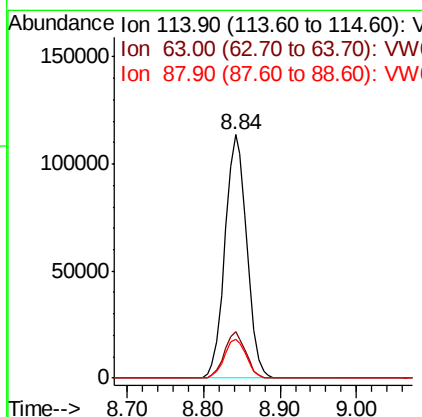
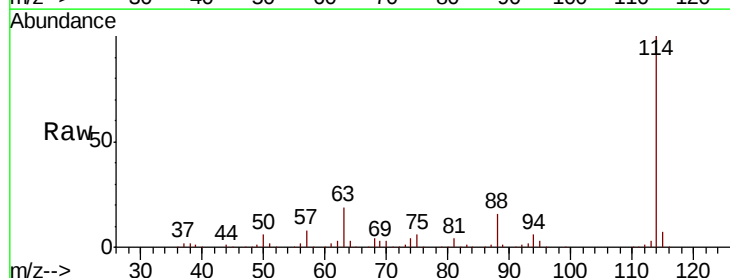
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-23(3-3.5)

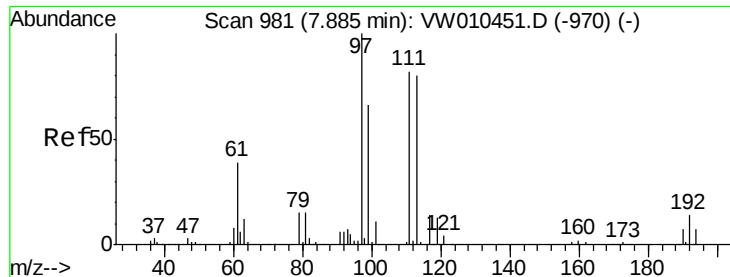
Tot Ion: 65 Resp: 69633
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010529.D
 Acq: 23 May 2019 14:54

Tgt Ion: 114 Resp: 222860
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.0
 88 15.9 0.0 32.0

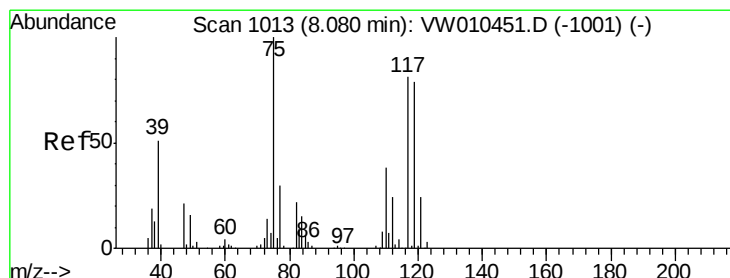
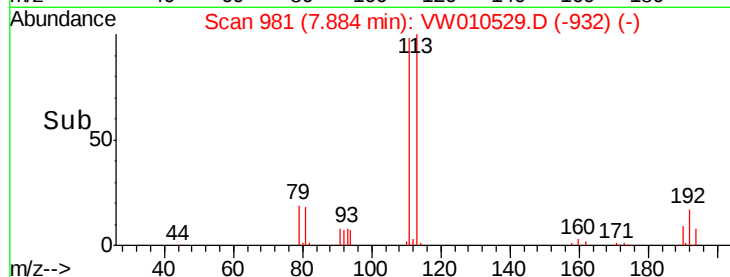
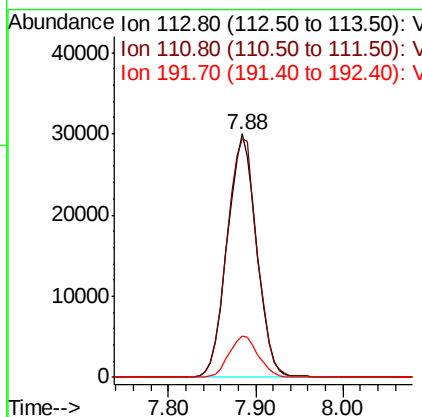
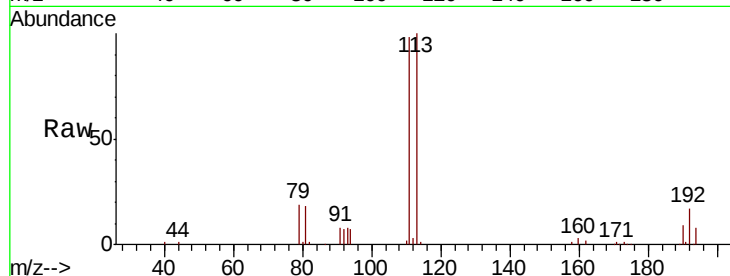




#35
 Dibromofluoromethane
 Concen: 51.595 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010529.D
 Acq: 23 May 2019 14:54

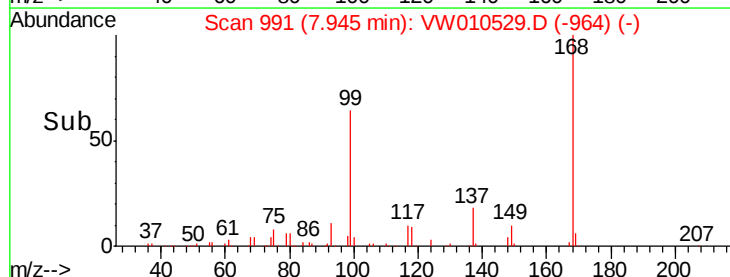
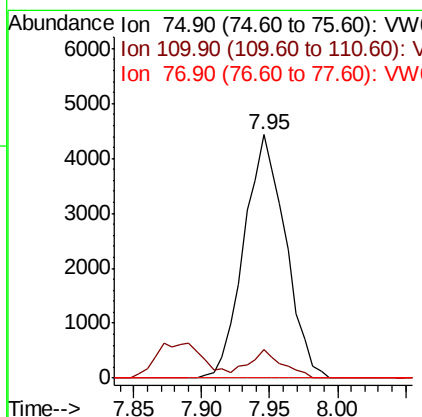
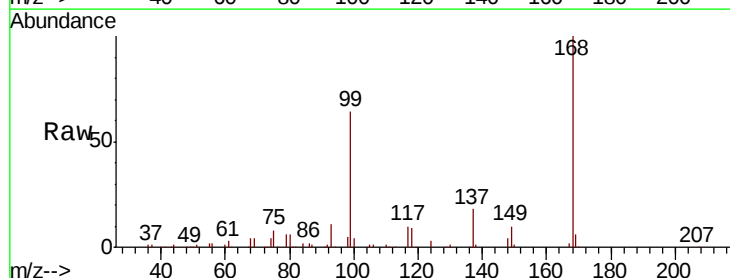
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-23(3-3.5)

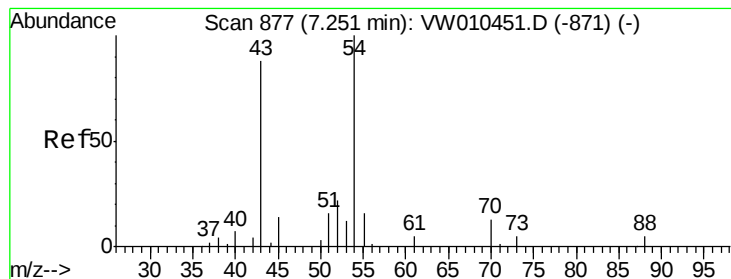
Tot Ion:113 Resp: 69770
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.4
 192 16.9 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.558 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010529.D
 Acq: 23 May 2019 14:54

Tgt Ion: 75 Resp: 9462
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.2 57.6#
 77 0.0 25.2 37.8#





#37

Ethyl Acetate

Concen: 3.784 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW010529.D

Acq: 23 May 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

FESB-23(3-3.5)

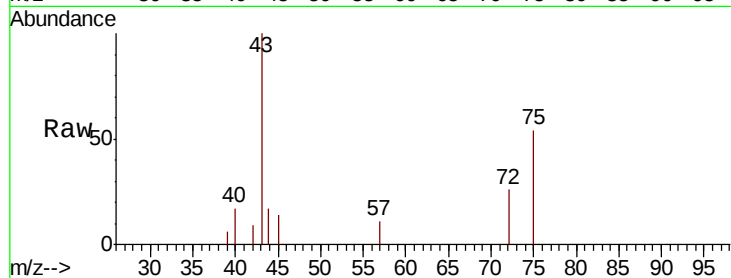
Tot Ion: 43 Resp: 3341

Ion Ratio Lower Upper

43 100

61 0.0 11.2 16.8#

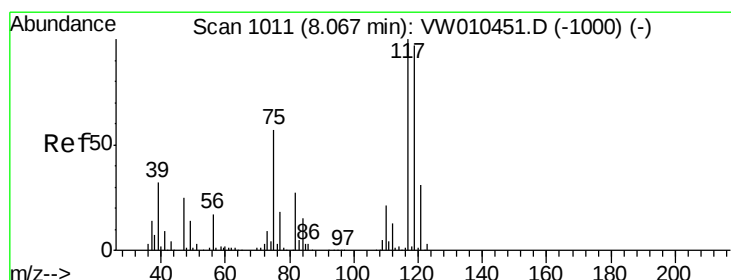
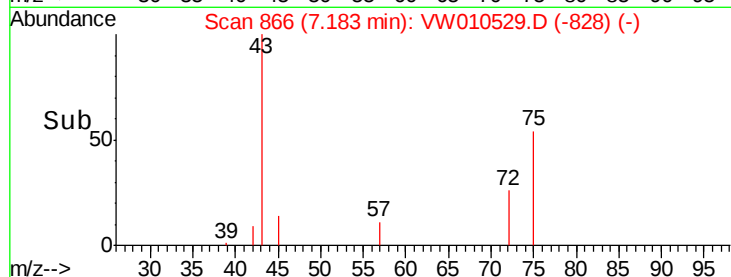
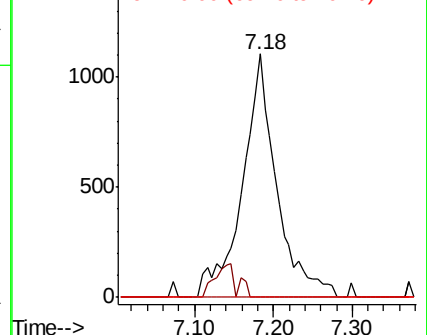
70 0.0 9.9 14.9#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 5.897 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010529.D

Acq: 23 May 2019 14:54

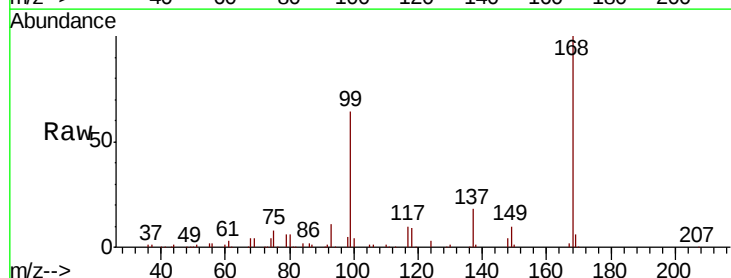
Tgt Ion: 117 Resp: 13206

Ion Ratio Lower Upper

117 100

119 4.8 77.4 116.0#

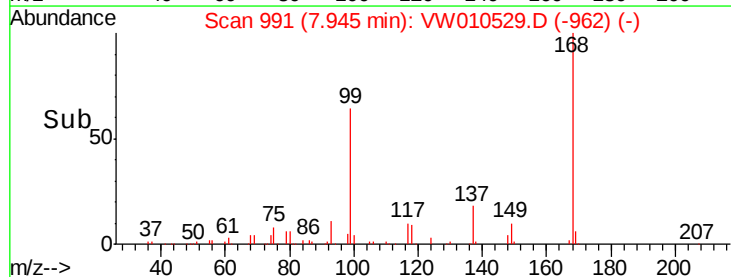
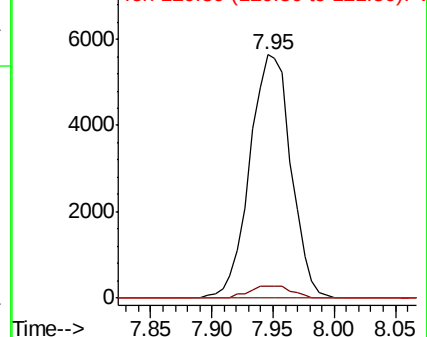
121 0.0 25.0 37.6#

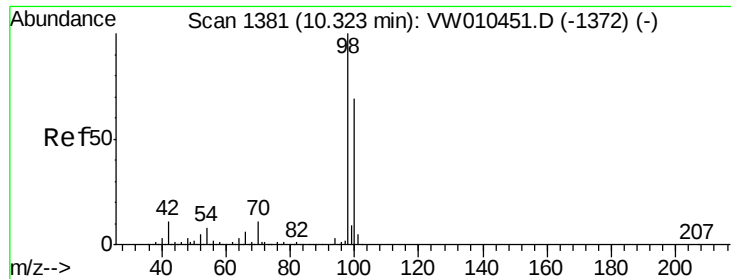


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

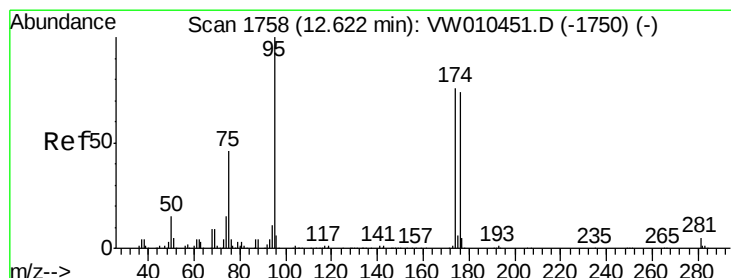
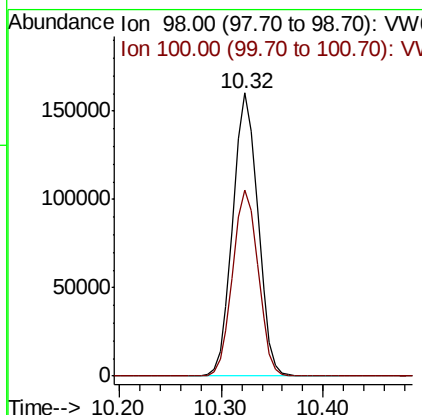
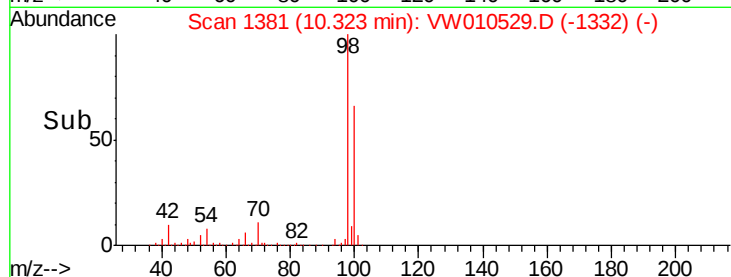
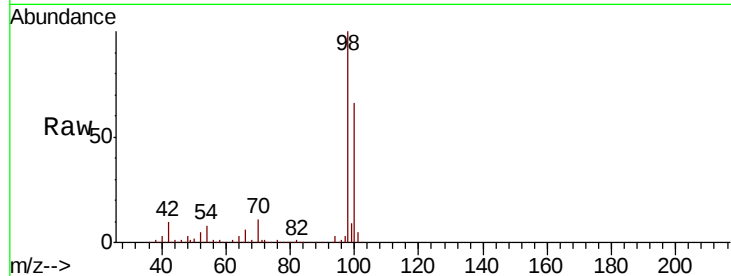




#50
Toluene-d8
Concen: 52.898 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010529.D
Acq: 23 May 2019 14:54

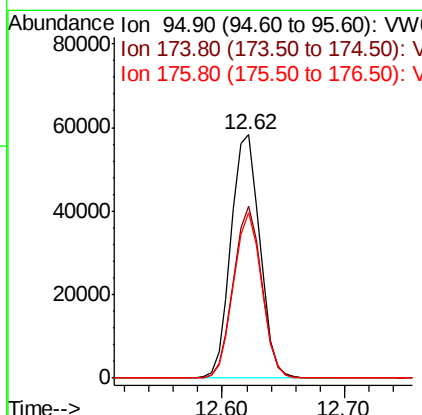
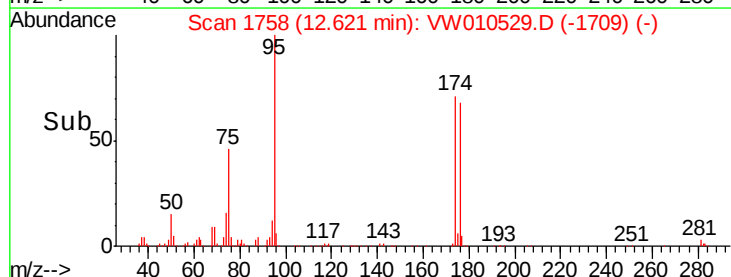
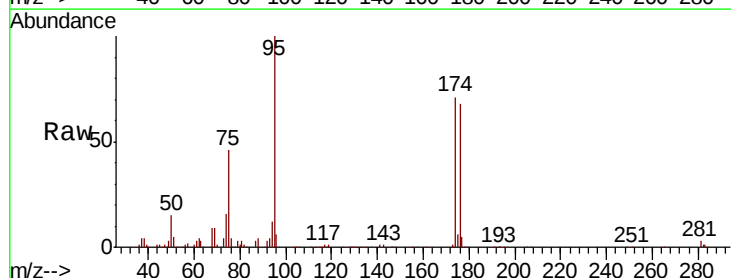
Instrument :
MSVOA_W
ClientSampleId :
FESB-23(3-3.5)

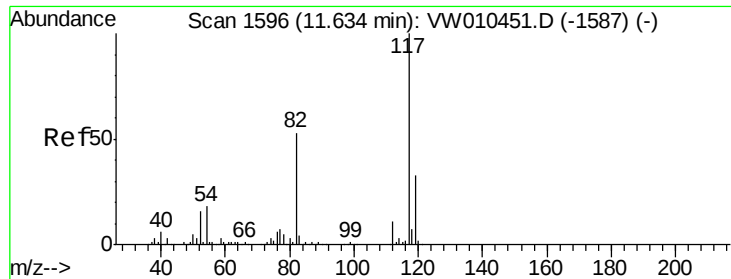
Tot Ion: 98 Resp: 273269
Ion Ratio Lower Upper
98 100
100 66.8 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 46.073 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010529.D
Acq: 23 May 2019 14:54

Tgt Ion: 95 Resp: 94804
Ion Ratio Lower Upper
95 100
174 69.3 0.0 148.6
176 66.6 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: VW010529.D

Acq: 23 May 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

FESB-23(3-3.5)

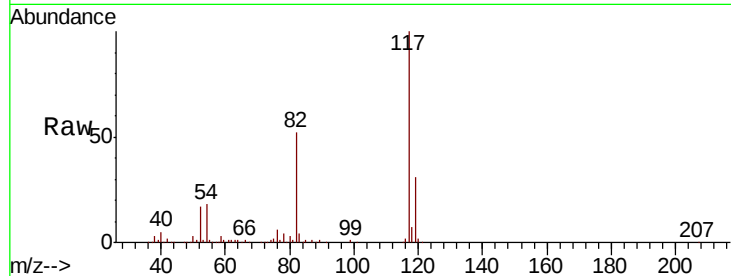
Tot Ion:117 Resp: 191829

Ion Ratio Lower Upper

117 100

82 51.8 42.8 64.2

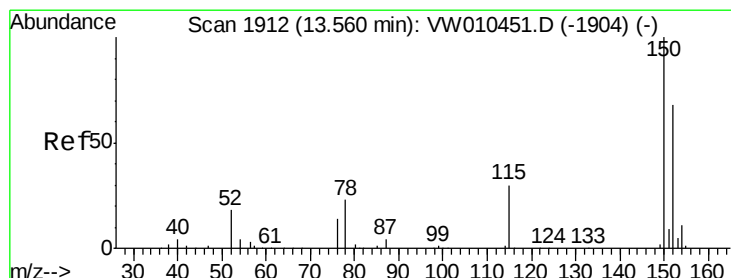
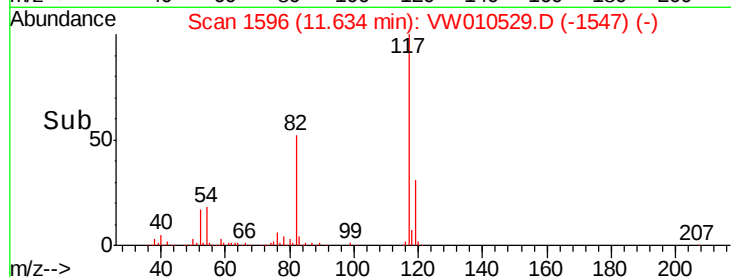
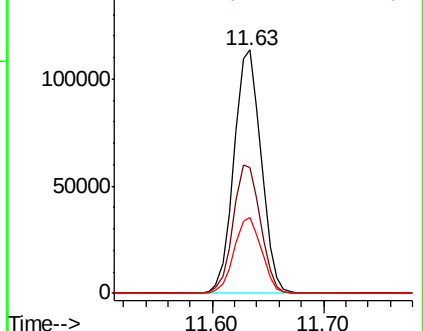
119 31.1 26.3 39.5



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010529.D

Acq: 23 May 2019 14:54

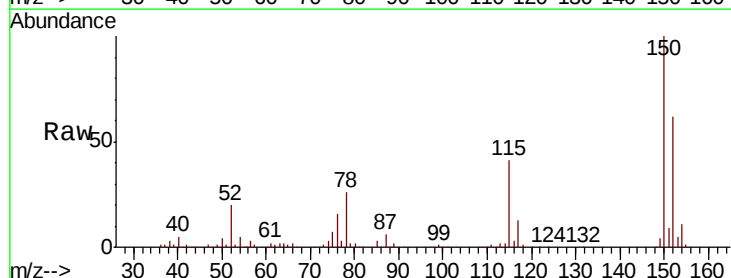
Tgt Ion:152 Resp: 75769

Ion Ratio Lower Upper

152 100

115 64.2 30.3 91.0

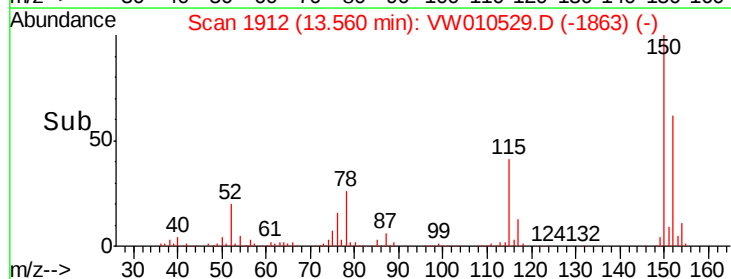
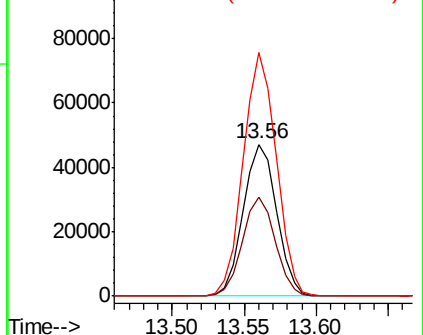
150 158.3 0.0 349.8

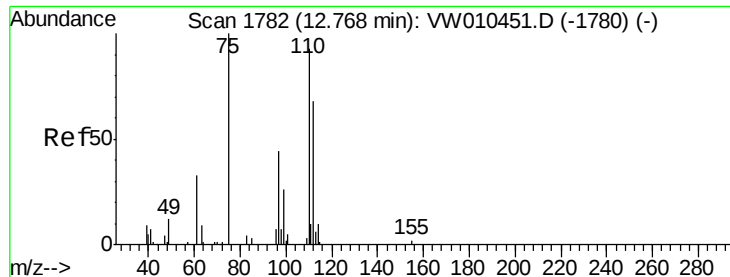


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 58.023 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW010529.D

Acq: 23 May 2019 14:54

Instrument :

MSVOA_W

ClientSampleId :

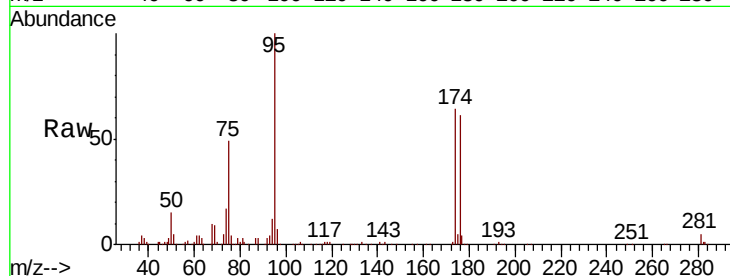
FESB-23(3-3.5)

Tot Ion: 75 Resp: 44626

Ion Ratio Lower Upper

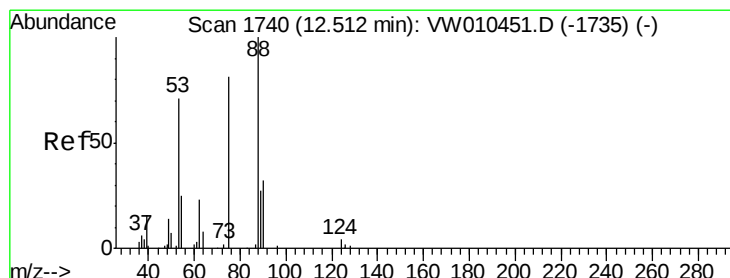
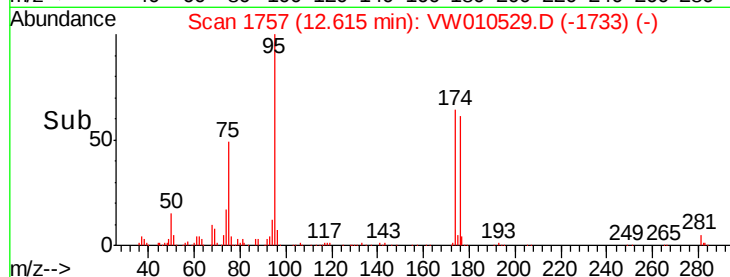
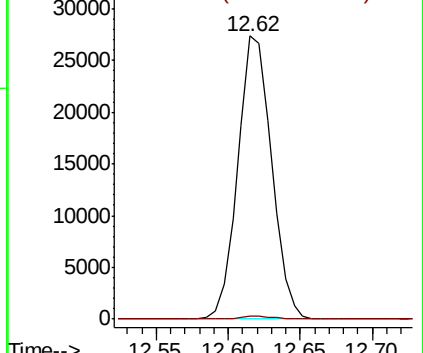
75 100

77 1.0 170.0 510.1#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 121.096 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW010529.D

Acq: 23 May 2019 14:54

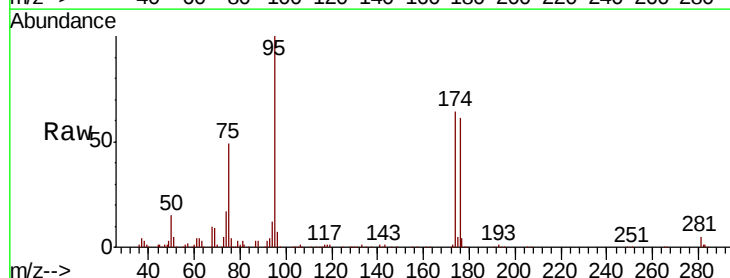
Tgt Ion: 75 Resp: 44626

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 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

