

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052319\
 Data File : VW010530.D
 Acq On : 23 May 2019 15:21
 Operator : SY/VA
 Sample : K3010-03
 Misc : 6.01G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-22(1.5-2)

Quant Time: May 24 08:42:08 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

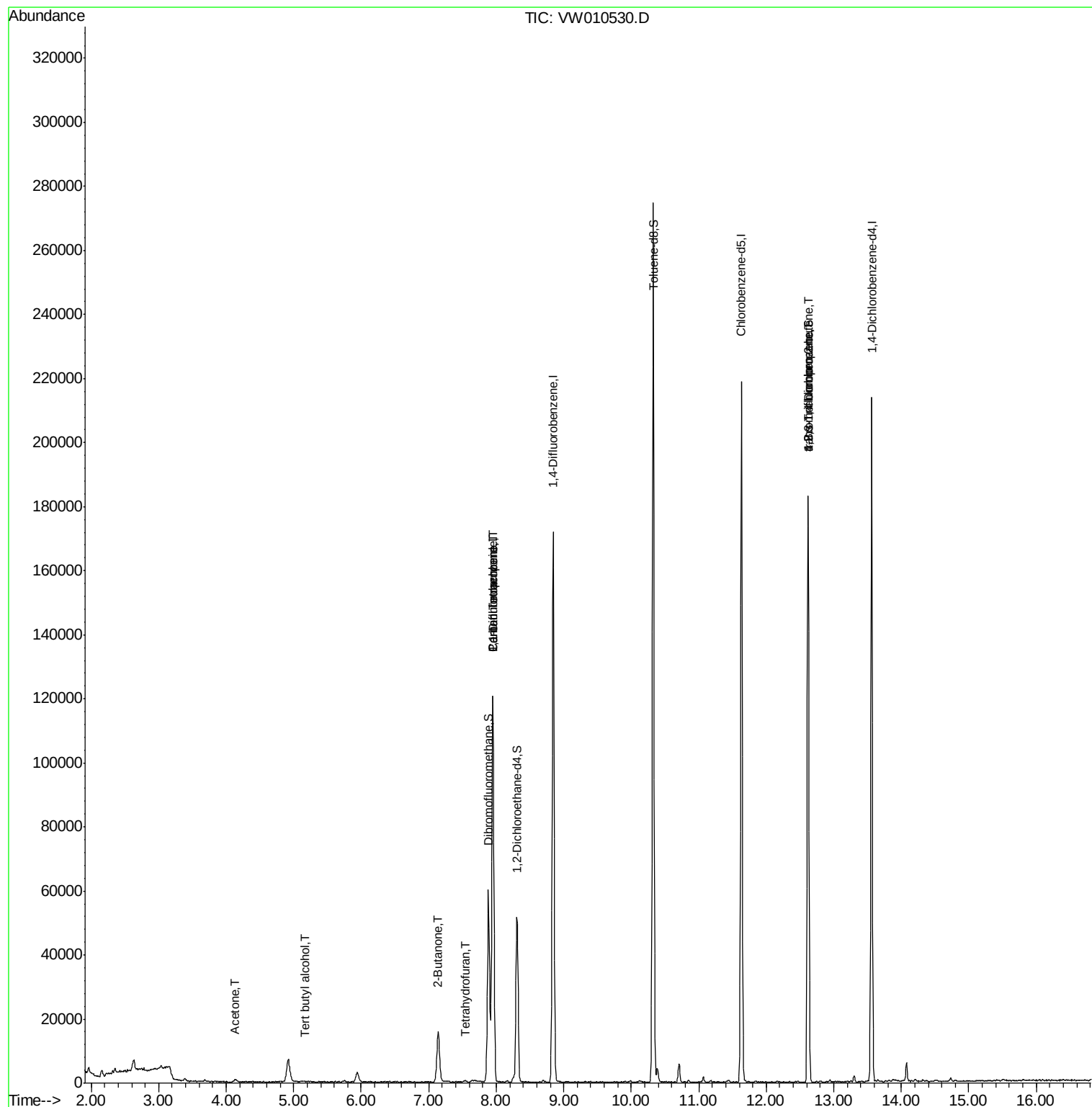
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54596	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41377	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	
35) Dibromofluoromethane	7.89	113	43606	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	10.32	98	188173	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.62	95	65828	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.17	59	396	4.758	ug/l #	71
16) Acetone	4.13	43	1414	7.487	ug/l	97
25) 2-Butanone	7.13	43	864	3.197	ug/l #	45
29) Tetrahydrofuran	7.54	42	338	1.848	ug/l #	65
36) 1,1-Dichloropropene	7.95	75	7089	4.921	ug/l #	48
38) Carbon Tetrachloride	7.95	117	9553	6.148	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	30479	54.998	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	30479	114.782	ug/l #	14

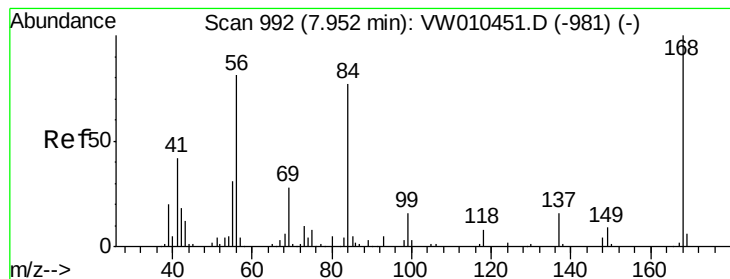
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052319\
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FESB-22(1.5-2)

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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: VW010530.D

Acq: 23 May 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

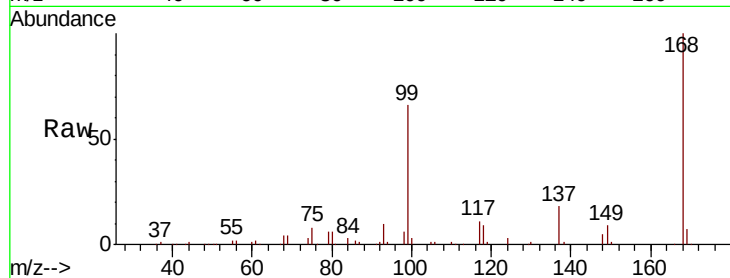
FESB-22(1.5-2)

Tot Ion:168 Resp: 89639

Ion Ratio Lower Upper

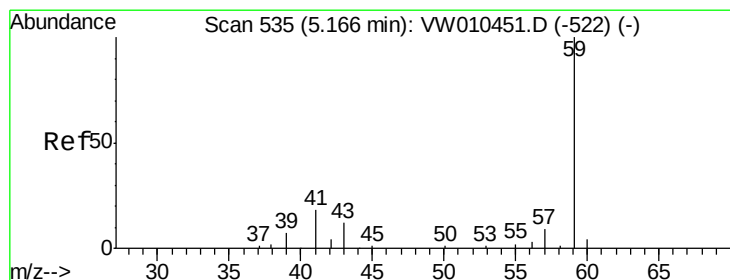
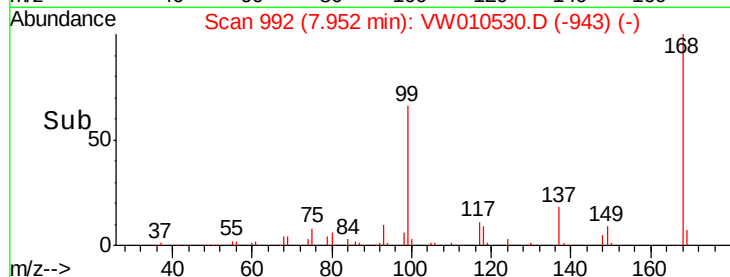
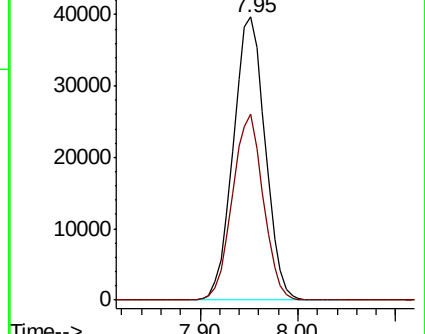
168 100

99 65.5 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: 4.758 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW010530.D

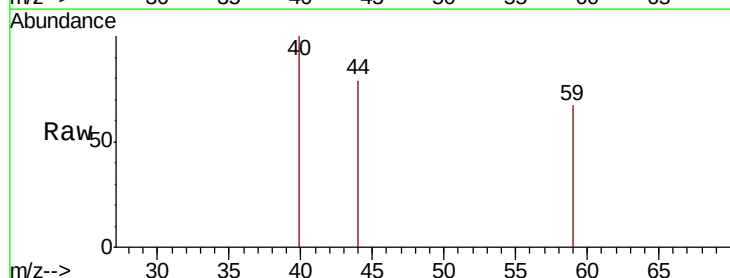
Acq: 23 May 2019 15:21

Tgt Ion: 59 Resp: 396

Ion Ratio Lower Upper

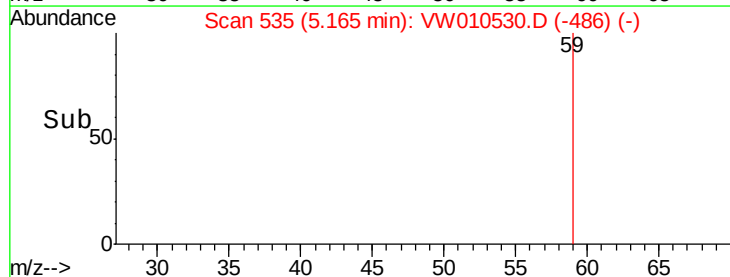
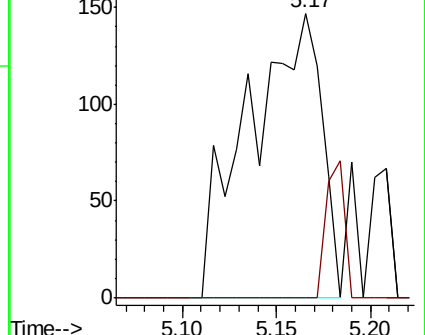
59 100

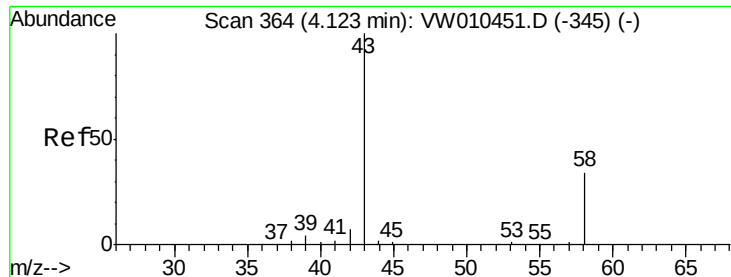
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 7.487 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010530.D

Acq: 23 May 2019 15:21

Instrument :

MSVOA_W

ClientSampled :

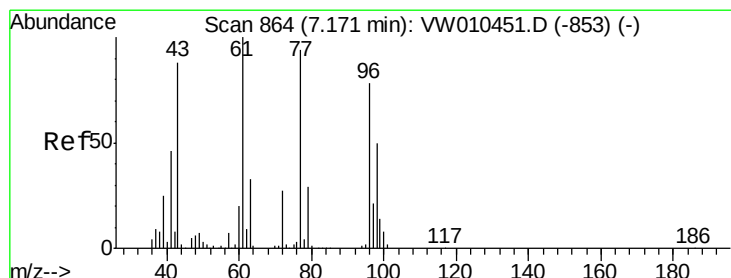
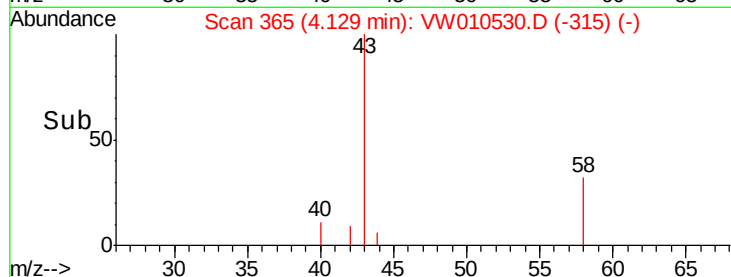
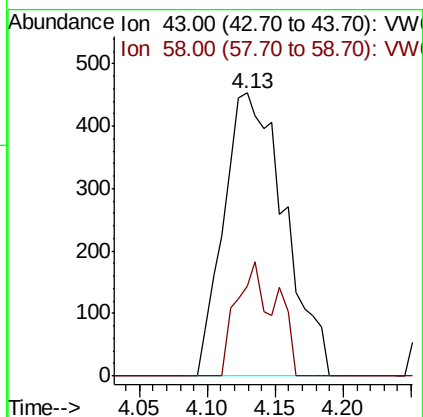
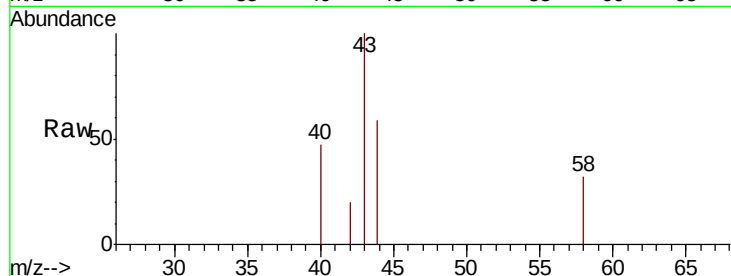
FESB-22(1.5-2)

Tot Ion: 43 Resp: 1414

Ion Ratio Lower Upper

43 100

58 32.0 27.0 40.4



#25

2-Butanone

Concen: 3.197 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW010530.D

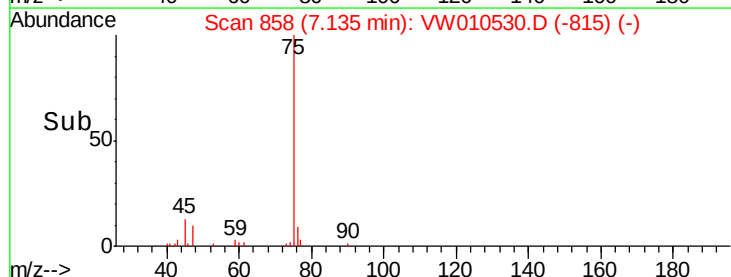
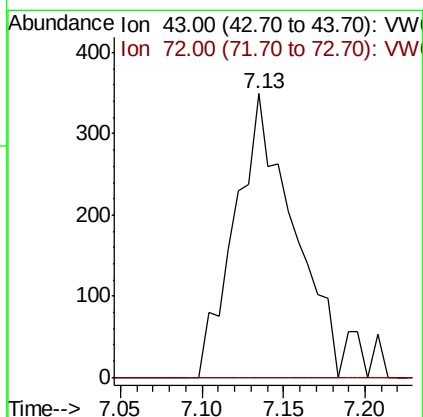
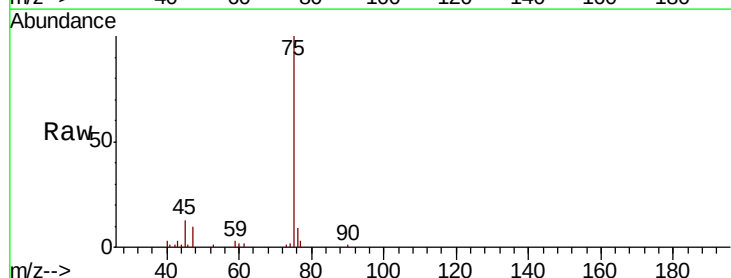
Acq: 23 May 2019 15:21

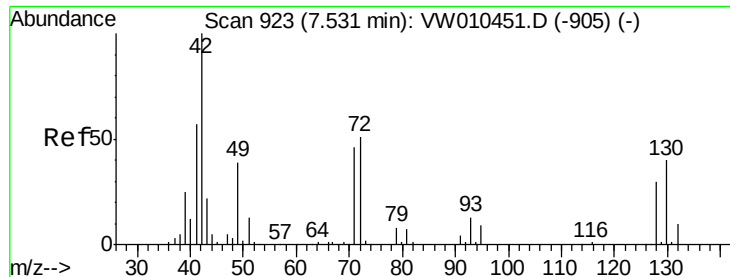
Tgt Ion: 43 Resp: 864

Ion Ratio Lower Upper

43 100

72 0.0 24.1 36.1#

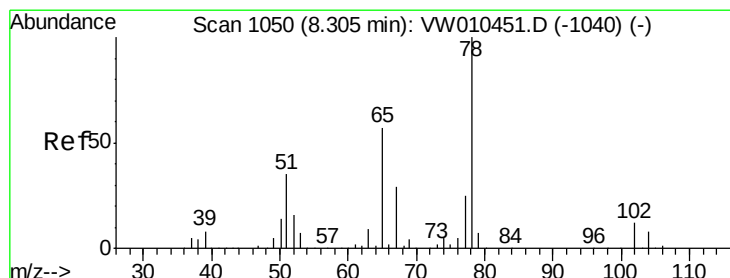
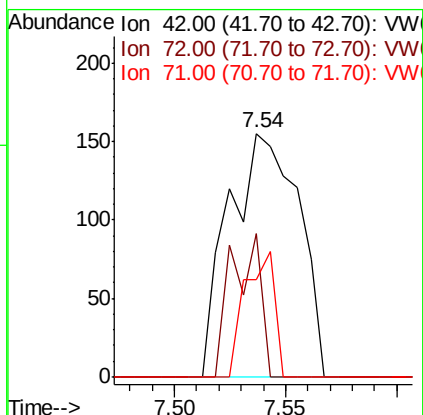
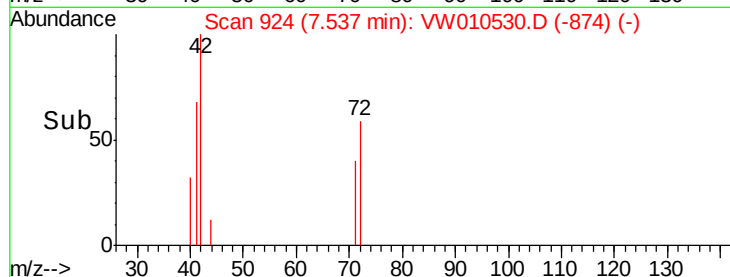
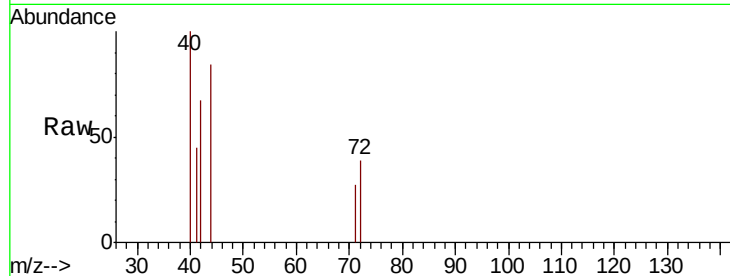




#29
Tetrahydrofuran
Concen: 1.848 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW010530.D
Acq: 23 May 2019 15:21

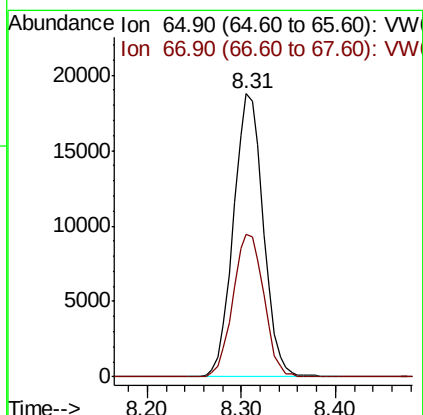
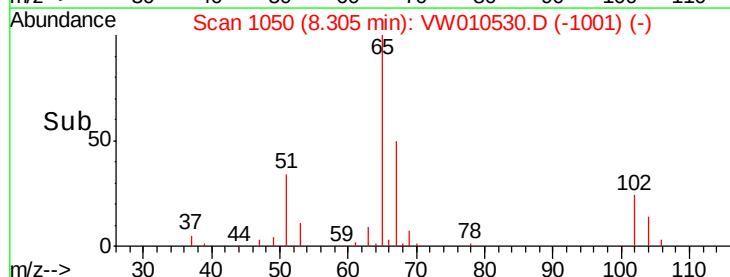
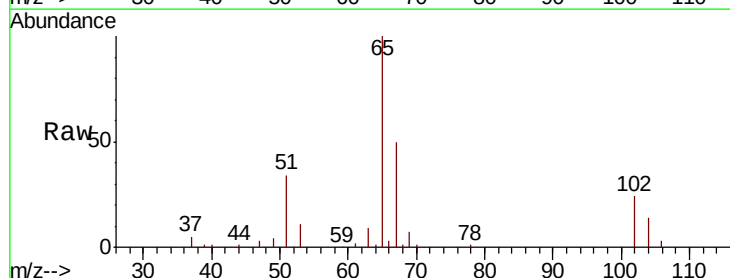
Instrument :
MSVOA_W
ClientSampleId :
FESB-22(1.5-2)

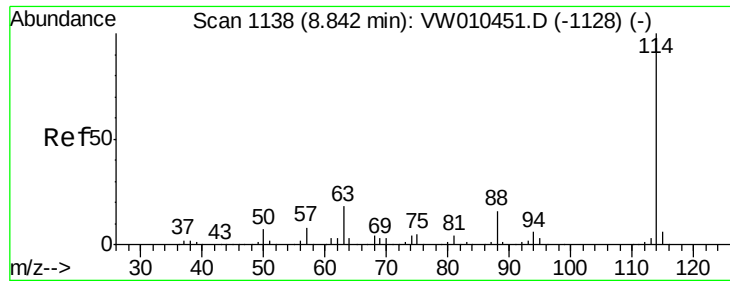
Tot Ion: 42 Resp: 338
Ion Ratio Lower Upper
42 100
72 24.6 38.5 57.7#
71 22.2 36.5 54.7#



#33
1,2-Dichloroethane-d4
Concen: 44.721 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010530.D
Acq: 23 May 2019 15:21

Tgt Ion: 65 Resp: 41377
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.6

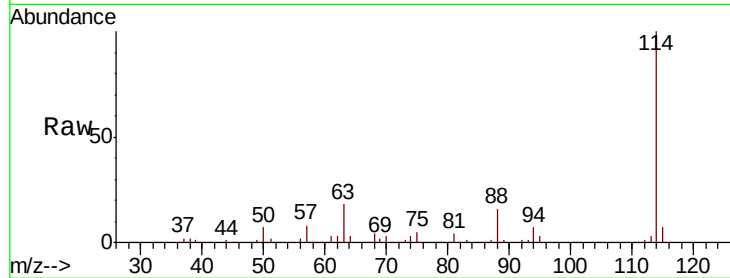




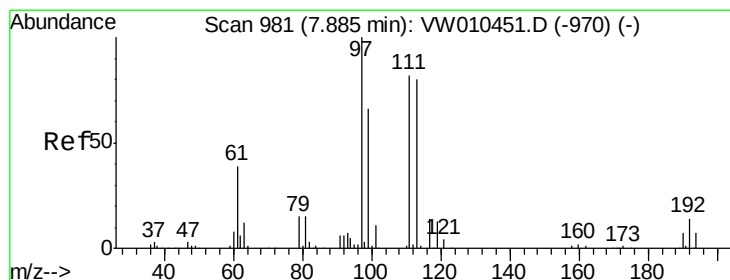
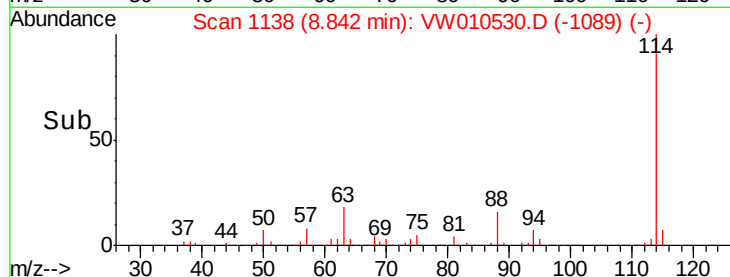
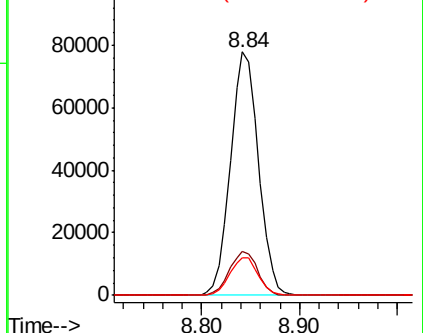
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010530.D
 Acq: 23 May 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-22(1.5-2)

Tot Ion:114 Resp: 154627
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.0
 88 15.6 0.0 32.0

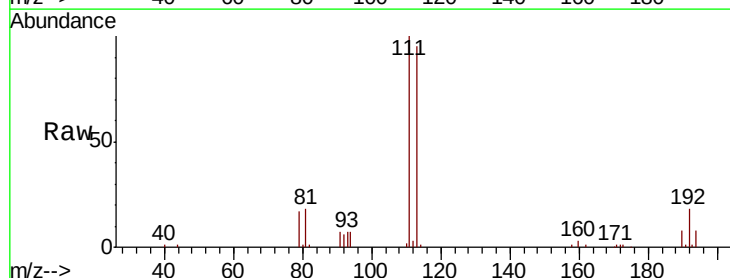


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

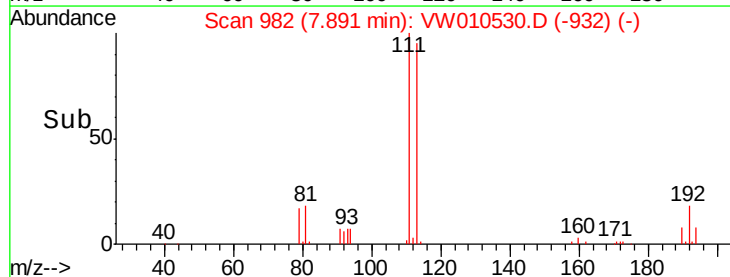
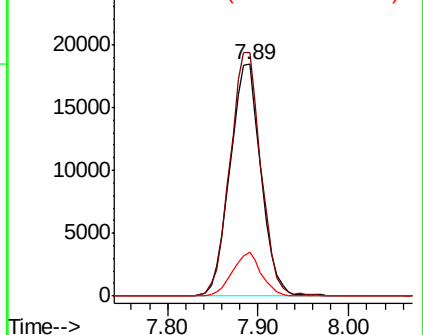


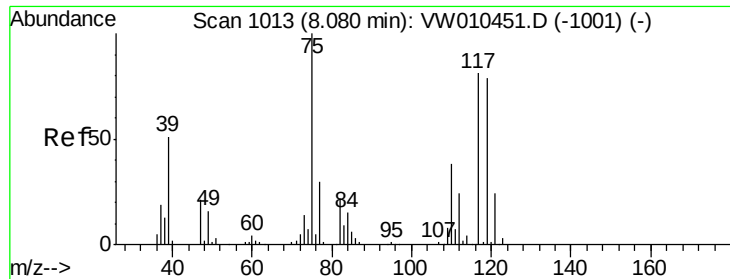
#35
 Dibromofluoromethane
 Concen: 46.476 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW010530.D
 Acq: 23 May 2019 15:21

Tgt Ion:113 Resp: 43606
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.2 123.4
 192 17.6 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

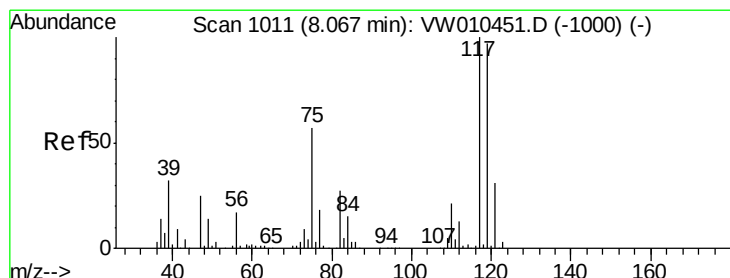
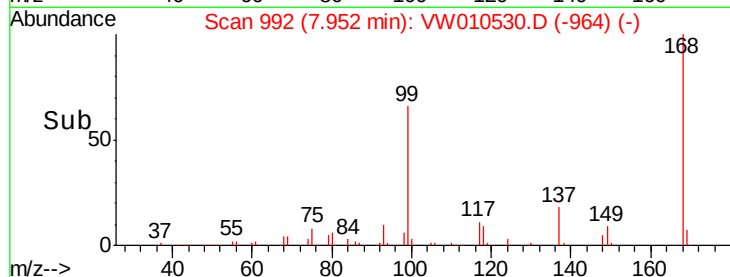
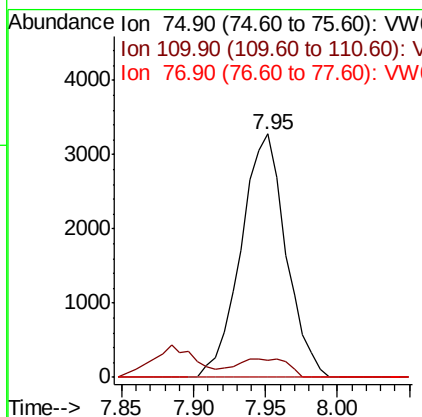
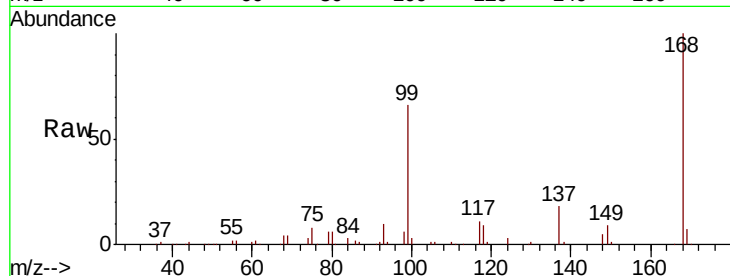




#36
 1,1-Dichloropropene
 Concen: 4.921 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010530.D
 Acq: 23 May 2019 15:21

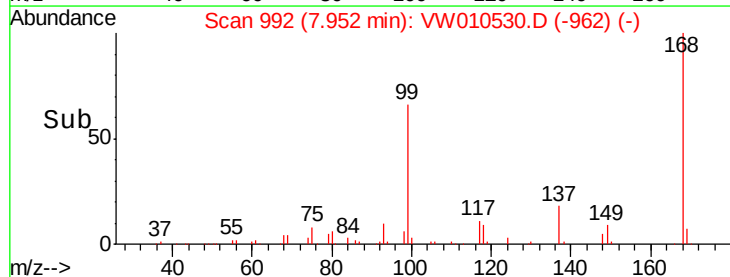
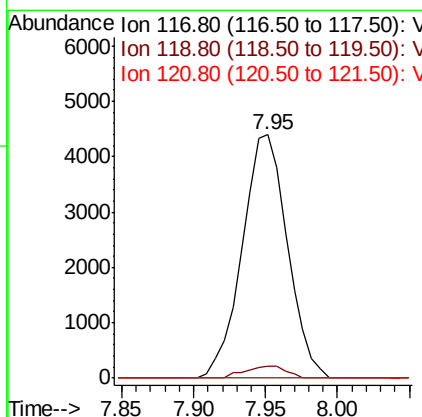
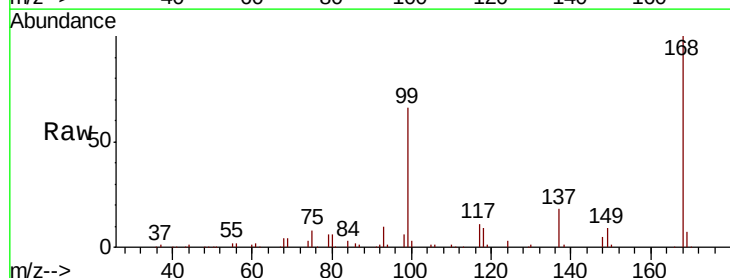
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-22(1.5-2)

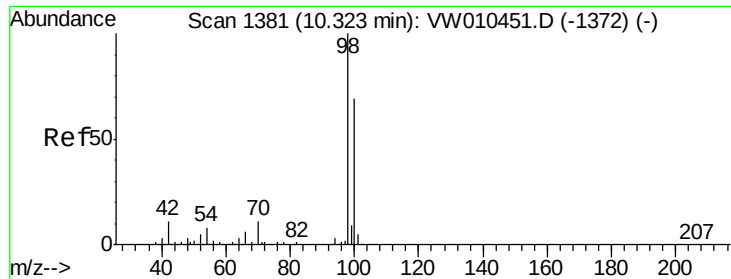
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.2	57.6#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 6.148 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW010530.D
 Acq: 23 May 2019 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.4	116.0#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 52.499 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010530.D

Acq: 23 May 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

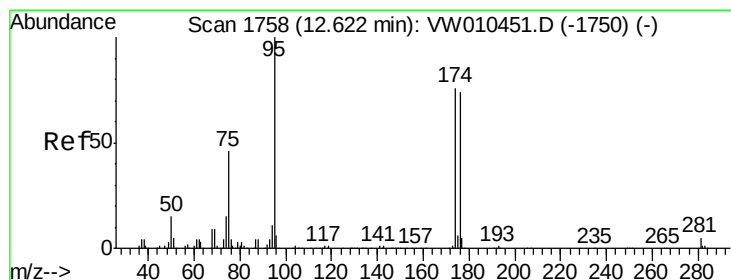
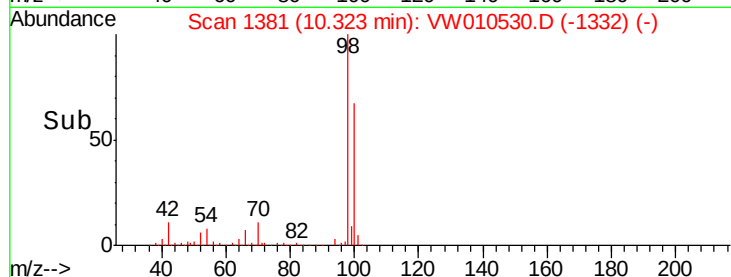
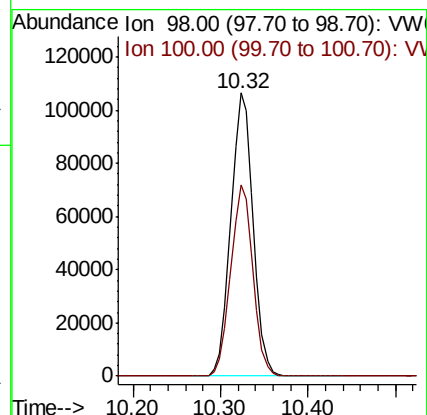
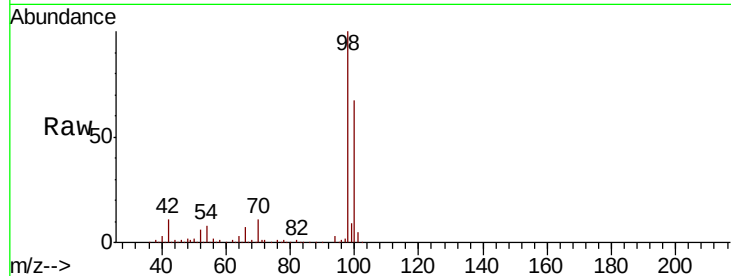
FESB-22(1.5-2)

Tot Ion: 98 Resp: 188173

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 46.108 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010530.D

Acq: 23 May 2019 15:21

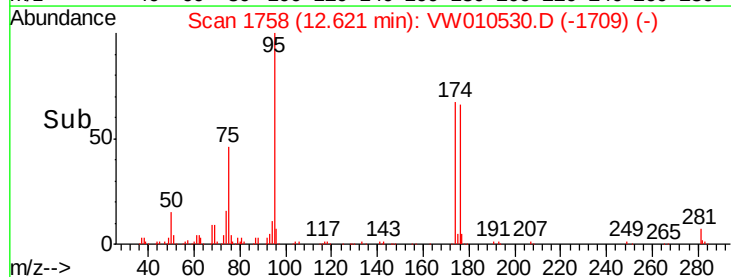
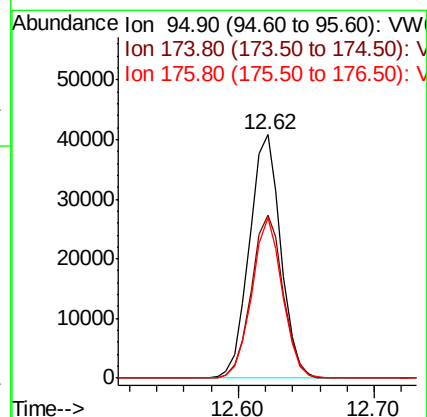
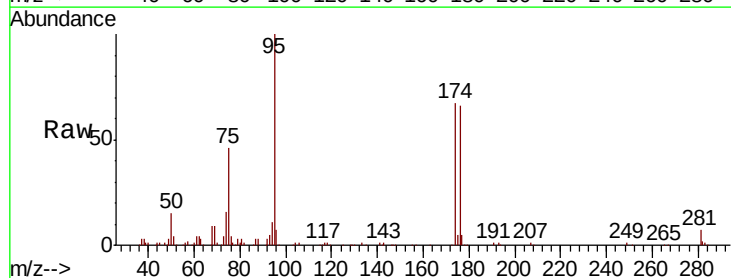
Tgt Ion: 95 Resp: 65828

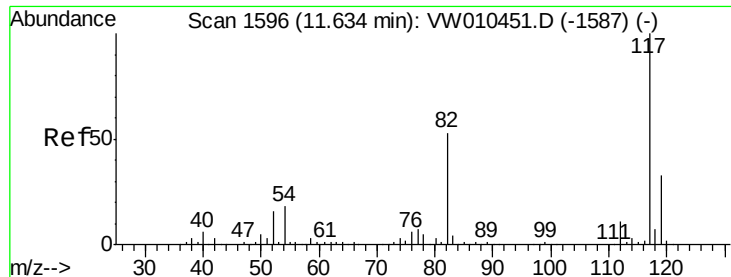
Ion Ratio Lower Upper

95 100

174 67.8 0.0 148.6

176 64.2 0.0 144.2

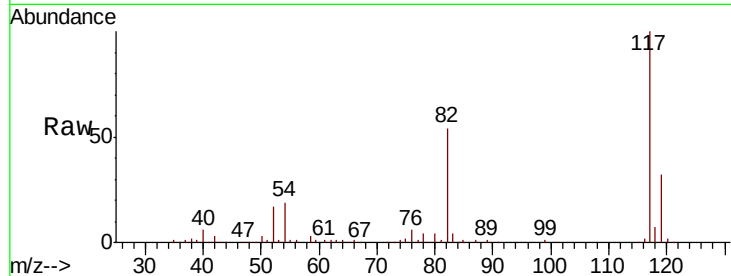




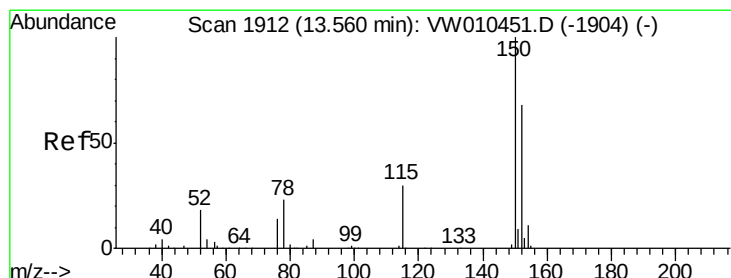
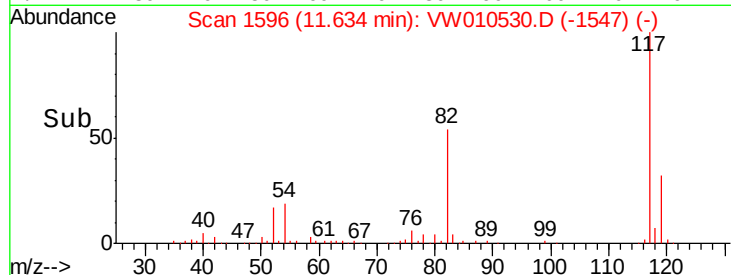
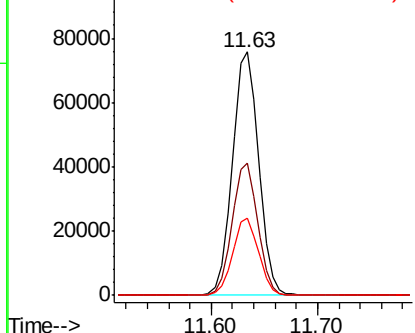
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010530.D
Acq: 23 May 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
FESB-22(1.5-2)

Tot Ion:117 Resp: 131056
Ion Ratio Lower Upper
117 100
82 54.3 42.8 64.2
119 31.8 26.3 39.5

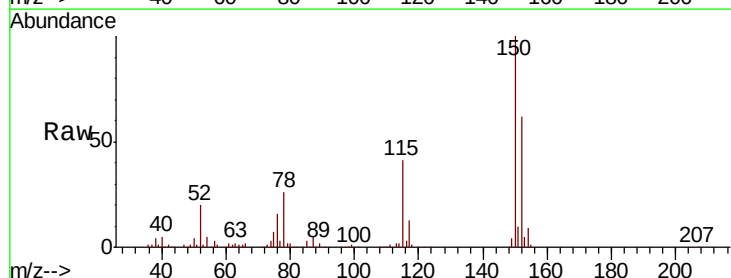


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

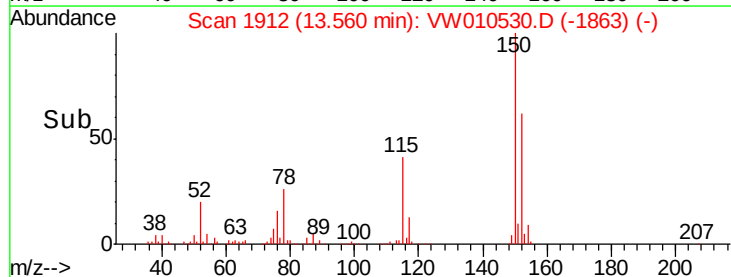
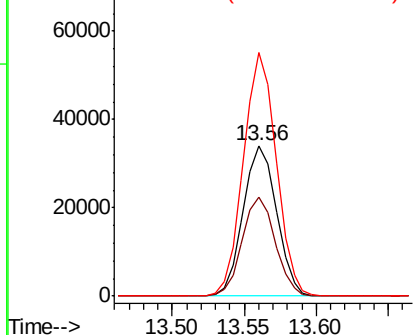


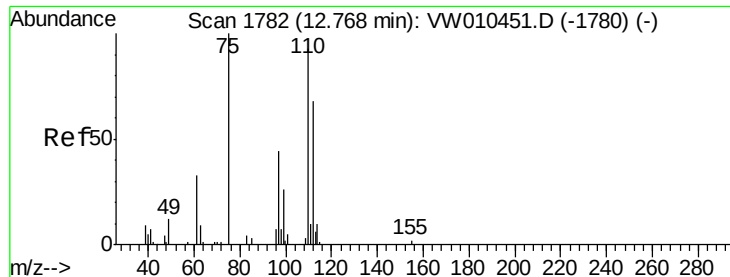
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010530.D
Acq: 23 May 2019 15:21

Tgt Ion:152 Resp: 54596
Ion Ratio Lower Upper
152 100
115 65.1 30.3 91.0
150 159.5 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: 54.998 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010530.D

Acq: 23 May 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

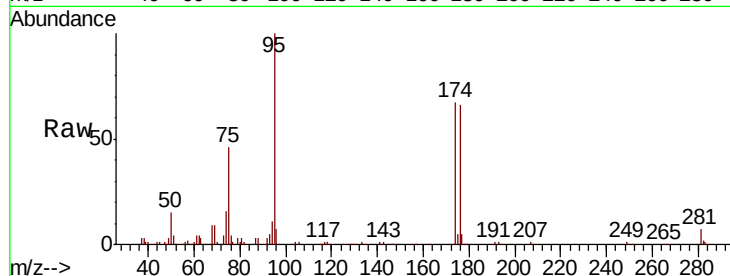
FESB-22(1.5-2)

Tot Ion: 75 Resp: 30479

Ion Ratio Lower Upper

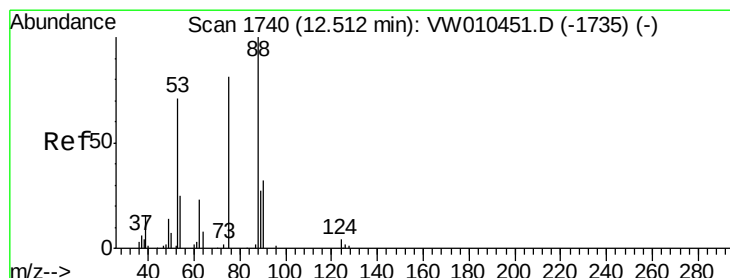
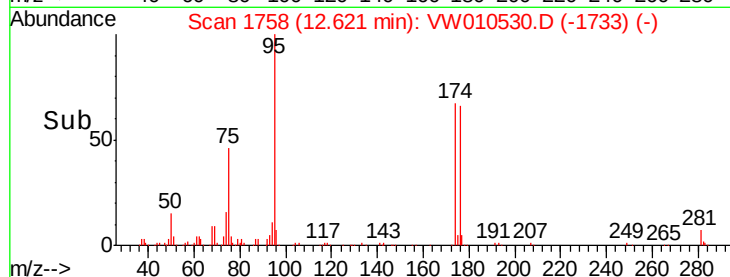
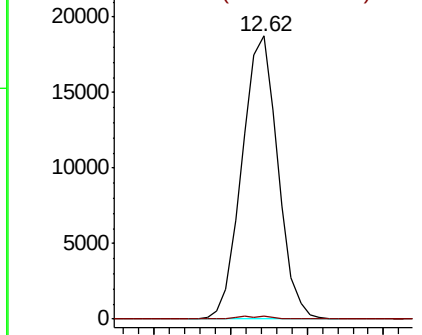
75 100

77 1.1 170.0 510.1#



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: 114.782 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010530.D

Acq: 23 May 2019 15:21

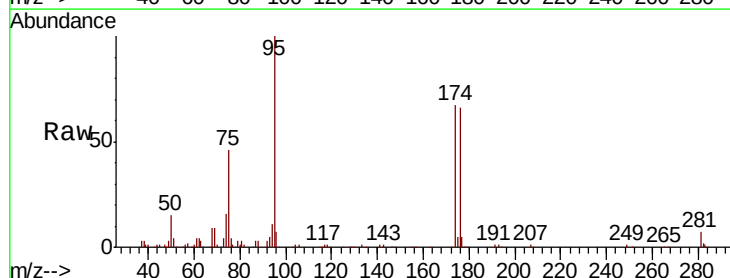
Tgt Ion: 75 Resp: 30479

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

