

Data File : VW010492.D
Acq On : 21 May 2019 17:20
Operator : SY/VA
Sample : K2966-02RE
Misc : 6.67G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-14(4.5-5)

Quant Time: May 22 06:44:39 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	102879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	191945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	168061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71267	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	62866	59.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.40%	
35) Dibromofluoromethane	7.88	113	61252	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	10.32	98	234256	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.62	95	85281	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	

Target Compounds

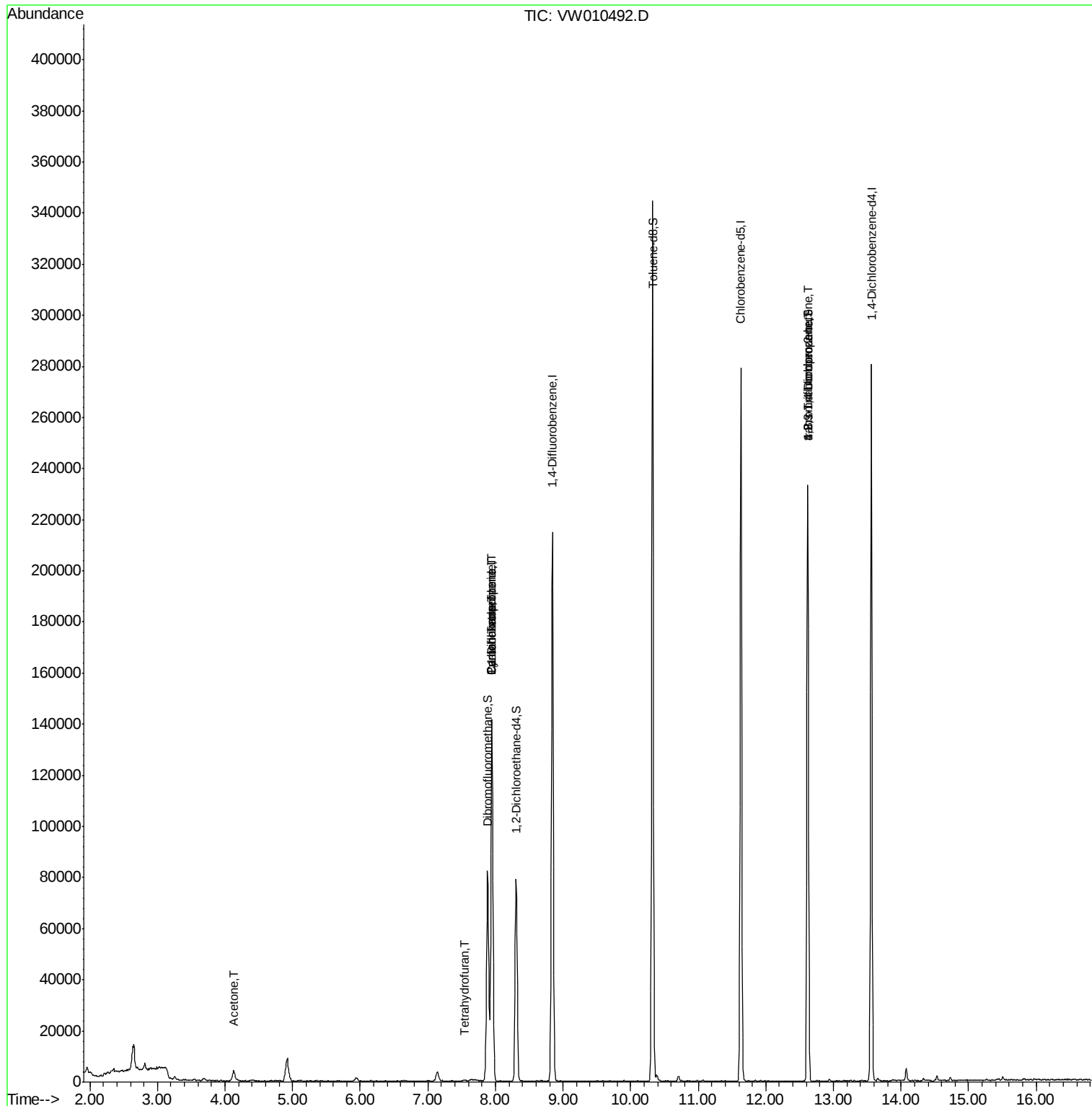
						Qvalue
13) Acrolein	3.72	56	25	Below Cal	#	13
16) Acetone	4.13	43	7075	32.641	ug/l	93
29) Tetrahydrofuran	7.54	42	323	1.539	ug/l #	41
31) Cyclohexane	7.94	56	2118	1.051	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	8465	4.734	ug/l #	47
38) Carbon Tetrachloride	7.95	117	11137	5.774	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	41289	57.076	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	41289	119.119	ug/l #	14

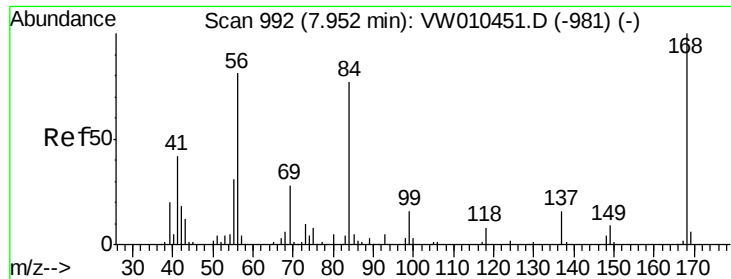
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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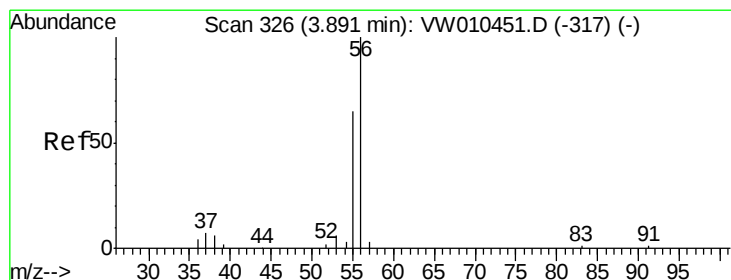
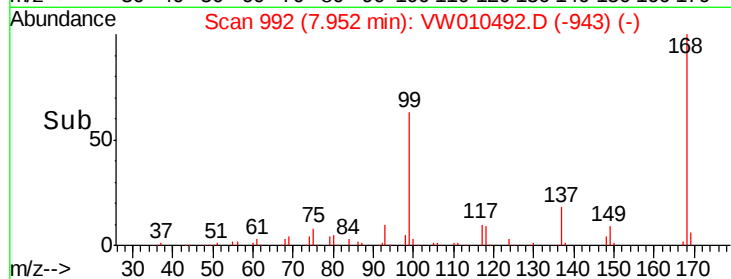
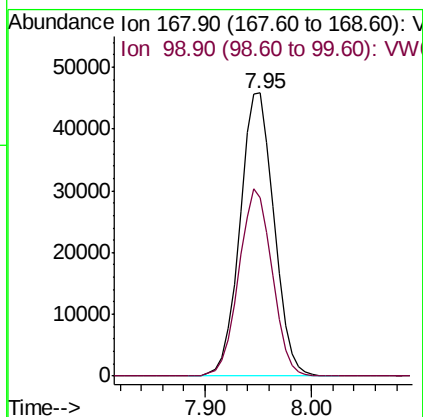
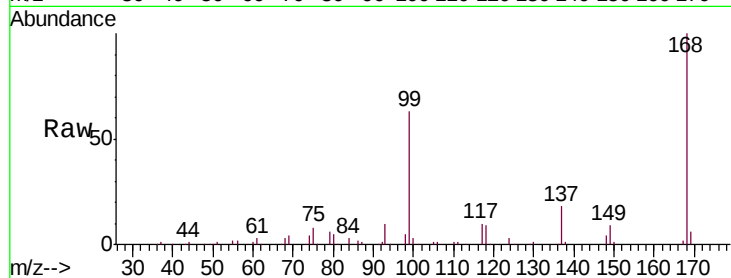




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010492.D
Acq: 21 May 2019 17:20

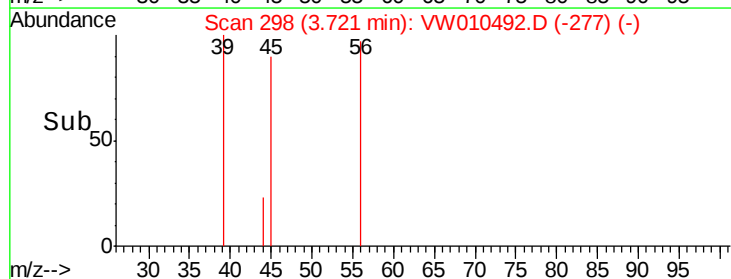
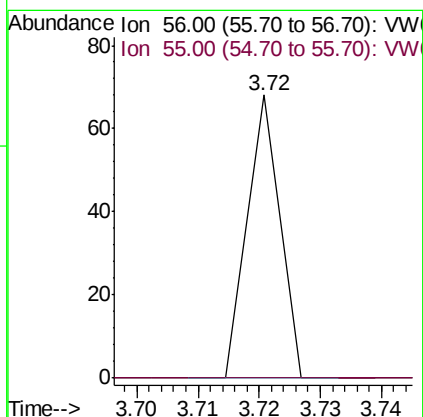
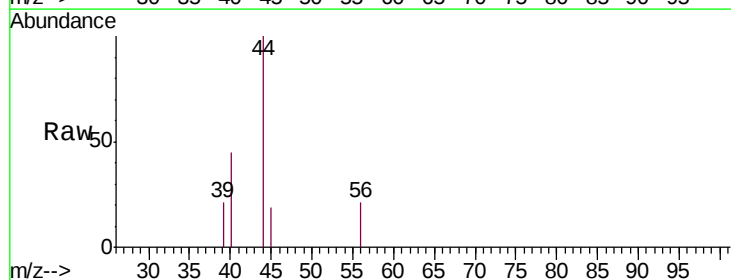
Instrument :
MSVOA_W
ClientSampleId :
FESB-14(4.5-5)

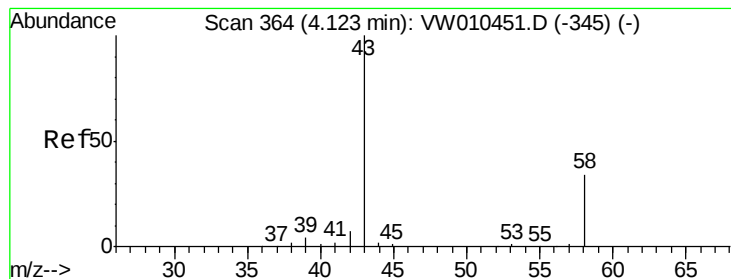
Tgt Ion: 168 Resp: 102879
Ion Ratio Lower Upper
168 100
99 63.1 46.1 69.1



#13
Acrolein
Concen: Below Cal
RT: 3.72 min Scan# 298
Delta R.T. -0.17 min
Lab File: VW010492.D
Acq: 21 May 2019 17:20

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 57.9 86.9#





#16

Acetone

Concen: 32.641 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010492.D

Acq: 21 May 2019 17:20

Instrument :

MSVOA_W

ClientSampled :

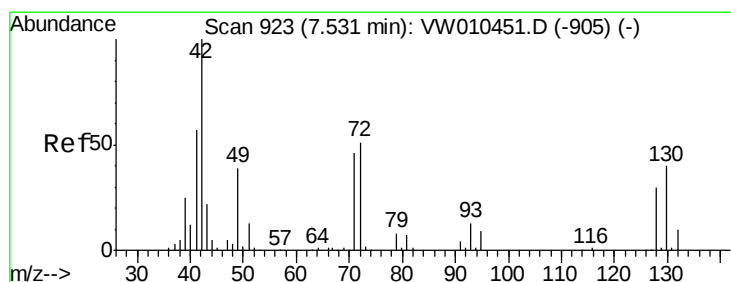
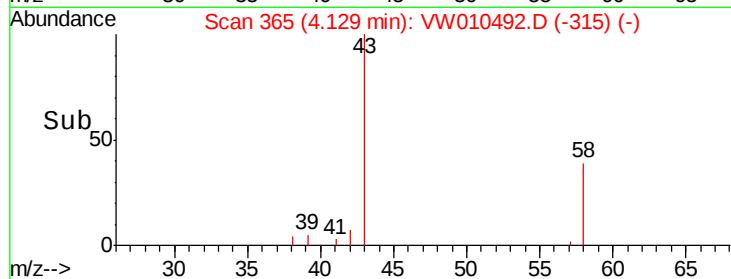
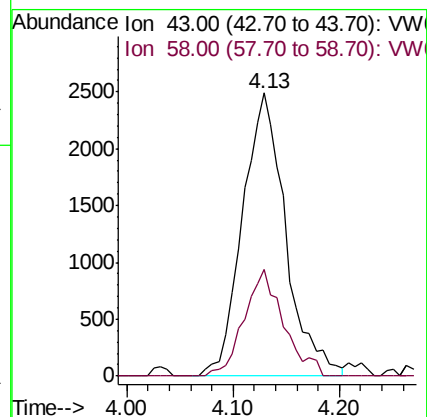
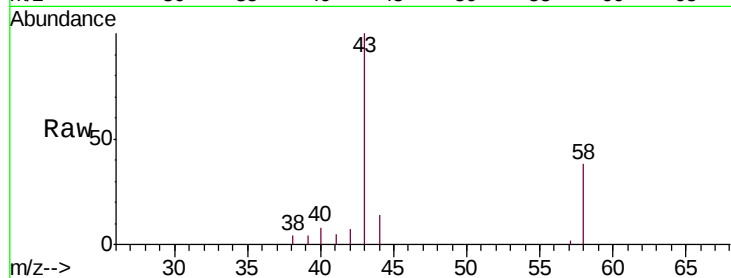
FESB-14(4.5-5)

Tgt Ion: 43 Resp: 7075

Ion Ratio Lower Upper

43 100

58 37.6 27.0 40.4



#29

Tetrahydrofuran

Concen: 1.539 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW010492.D

Acq: 21 May 2019 17:20

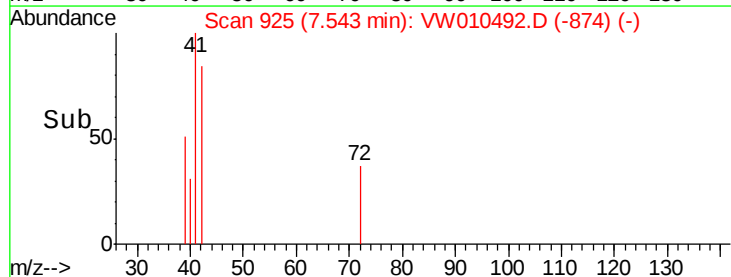
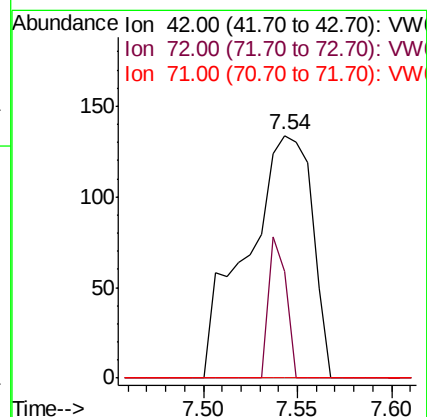
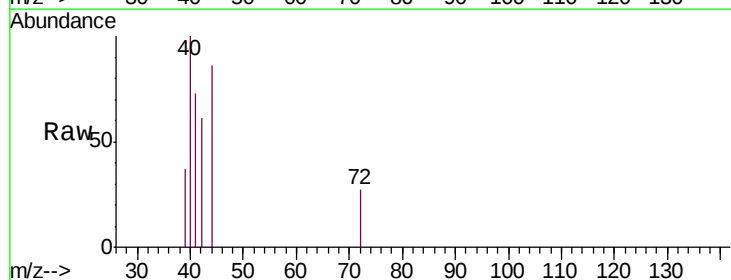
Tgt Ion: 42 Resp: 323

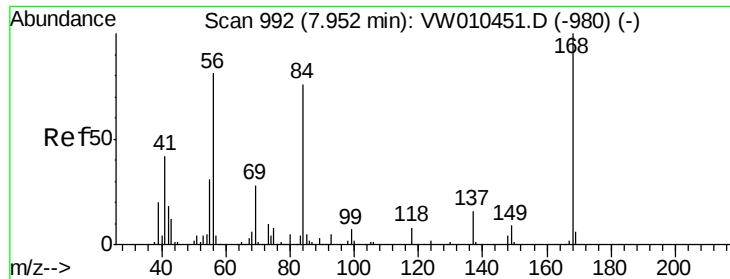
Ion Ratio Lower Upper

42 100

72 15.5 38.5 57.7#

71 0.0 36.5 54.7#

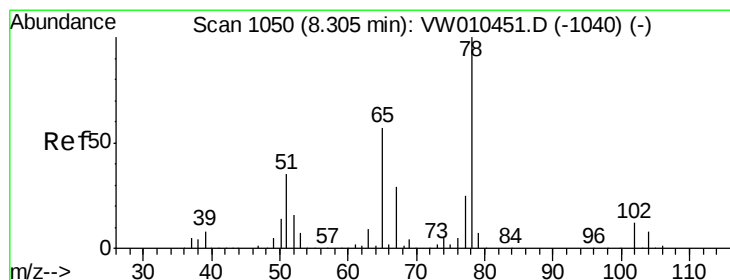
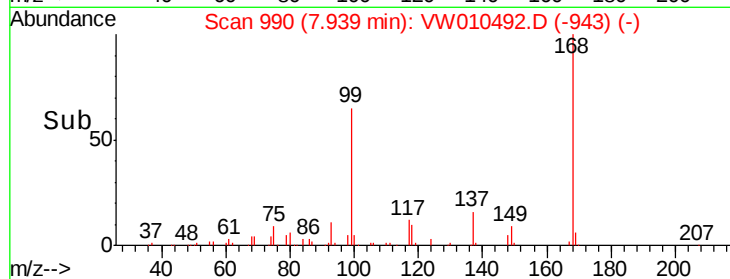
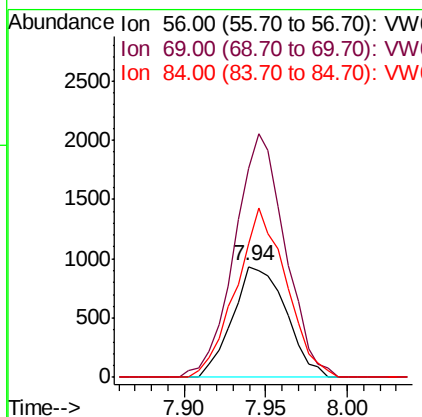
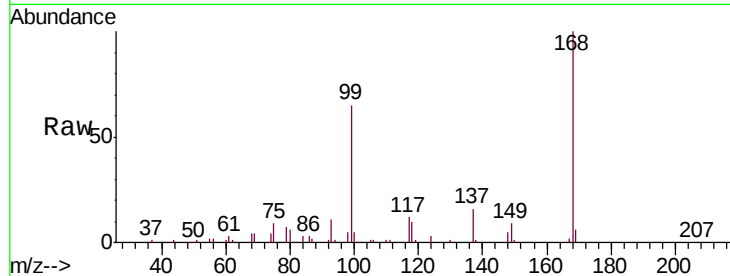




#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW010492.D
Acq: 21 May 2019 17:20

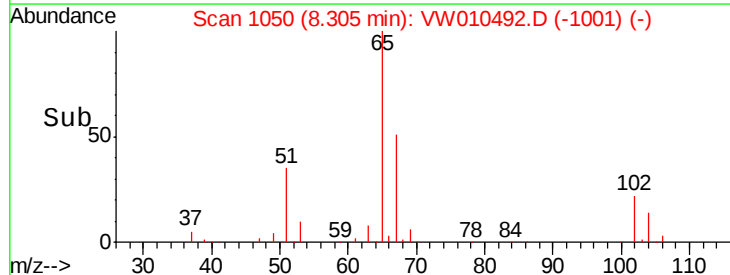
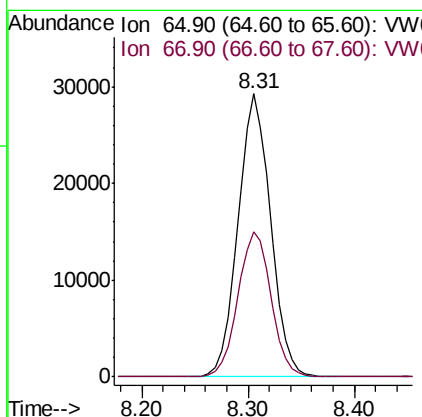
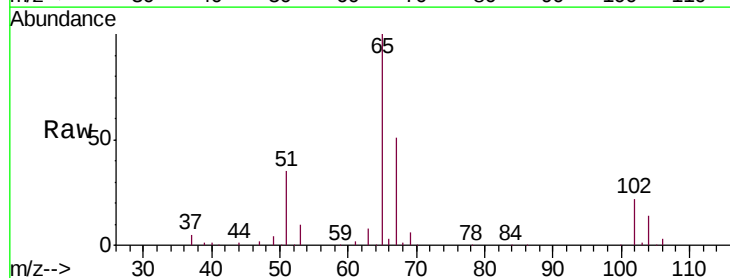
Instrument :
MSVOA_W
ClientSampleId :
FESB-14(4.5-5)

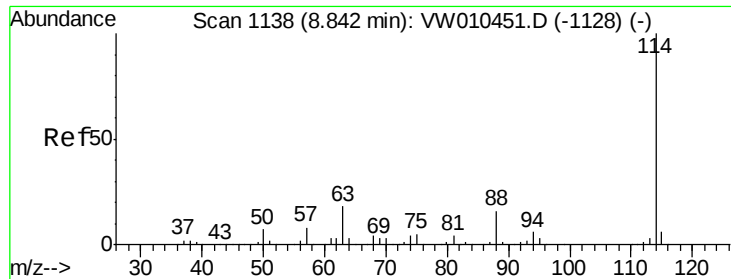
Tgt Ion: 56 Resp: 2118
Ion Ratio Lower Upper
56 100
69 188.6 28.2 42.2#
84 120.6 75.8 113.8#



#33
1,2-Dichloroethane-d4
Concen: 59.202 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010492.D
Acq: 21 May 2019 17:20

Tgt Ion: 65 Resp: 62866
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.6

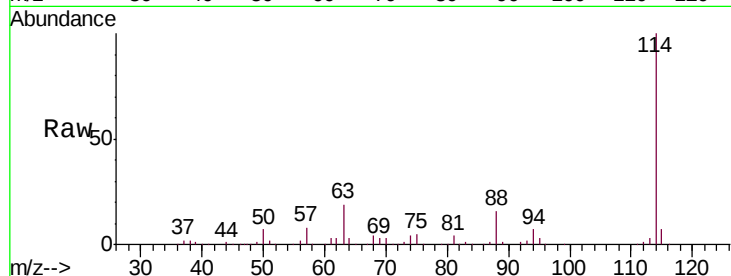




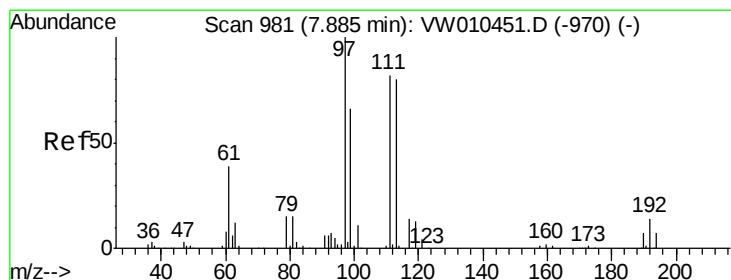
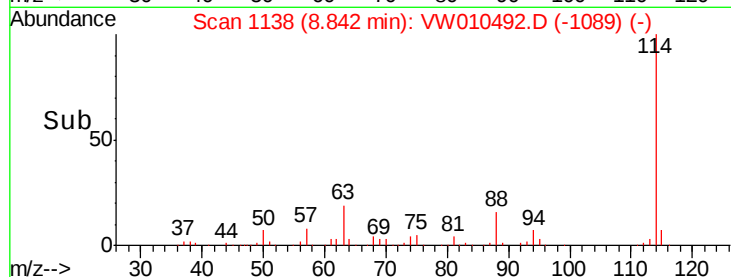
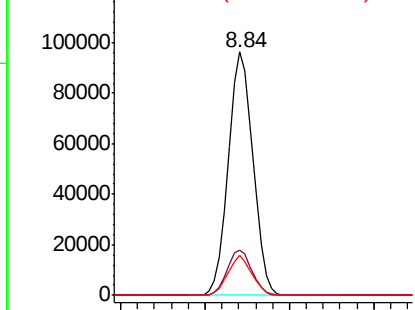
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010492.D
 Acq: 21 May 2019 17:20

Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-14(4.5-5)

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	36.0
88	16.4	0.0	32.0

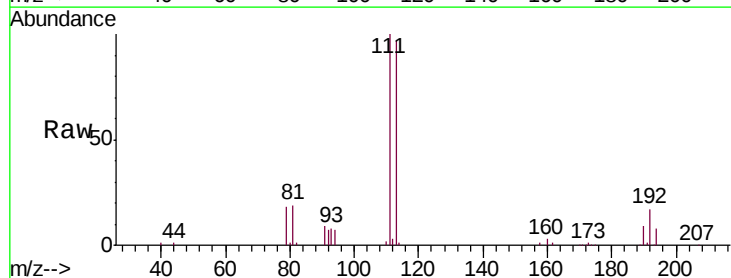


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

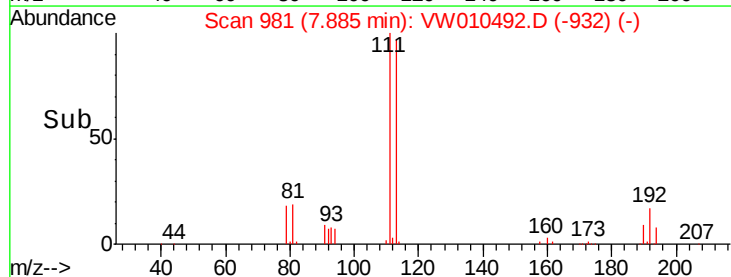
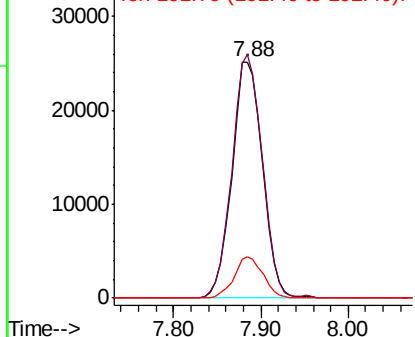


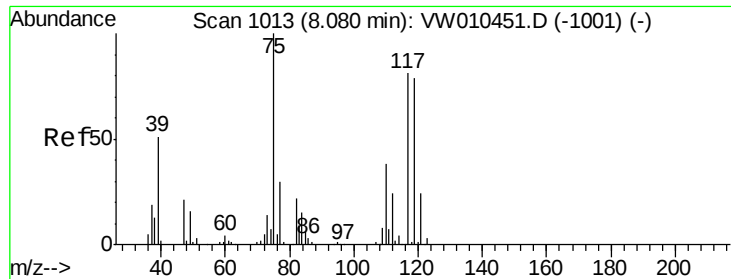
#35
 Dibromofluoromethane
 Concen: 52.591 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010492.D
 Acq: 21 May 2019 17:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	16.5	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

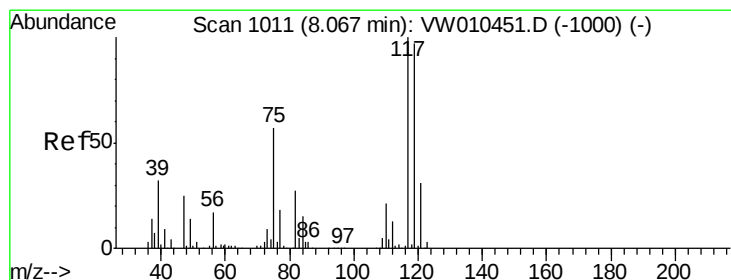
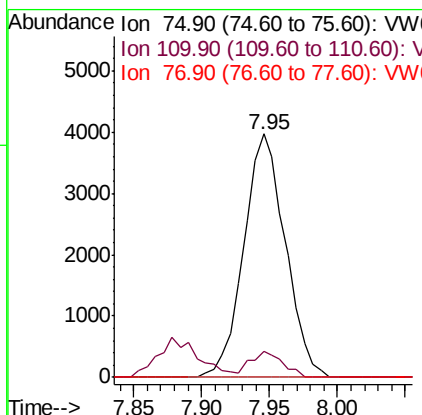
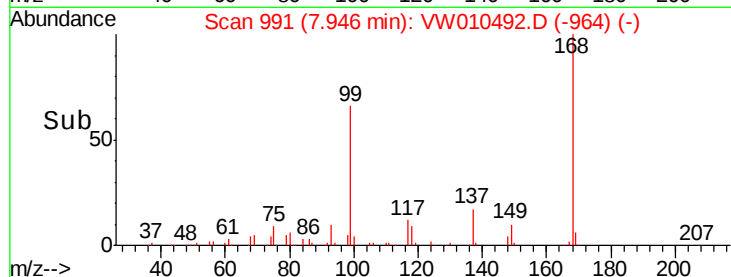
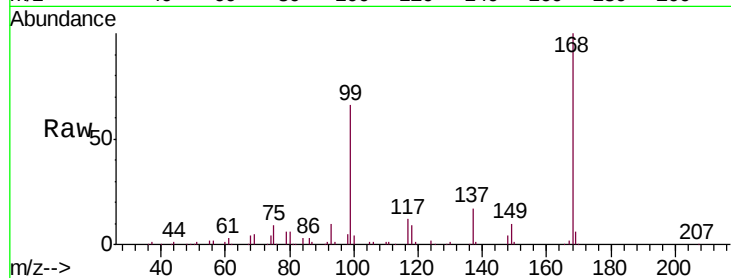




#36
 1,1-Dichloropropene
 Concen: 4.734 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010492.D
 Acq: 21 May 2019 17:20

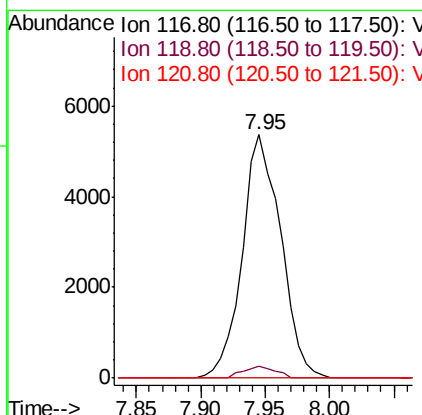
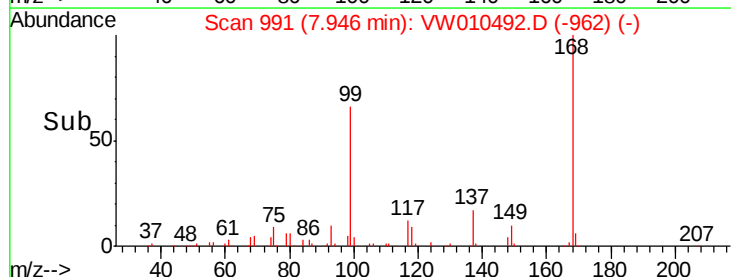
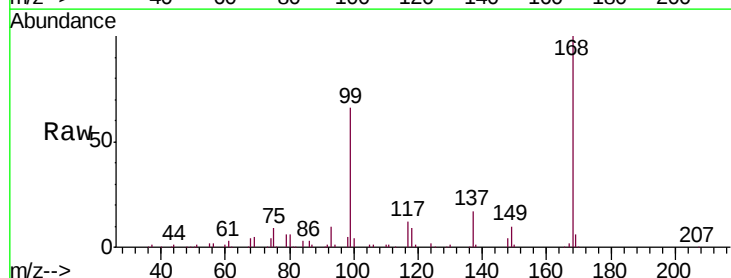
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-14(4.5-5)

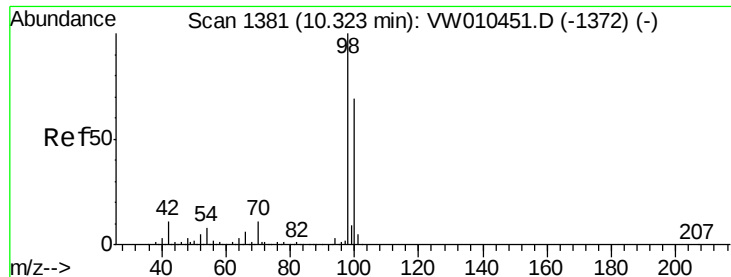
Tgt Ion: 75 Resp: 8465
 Ion Ratio Lower Upper
 75 100
 110 8.4 19.2 57.6#
 77 0.0 25.2 37.8#



#38
 Carbon Tetrachloride
 Concen: 5.774 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010492.D
 Acq: 21 May 2019 17:20

Tgt Ion: 117 Resp: 11137
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.4 116.0#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 52.649 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010492.D

Acq: 21 May 2019 17:20

Instrument :

MSVOA_W

ClientSampleId :

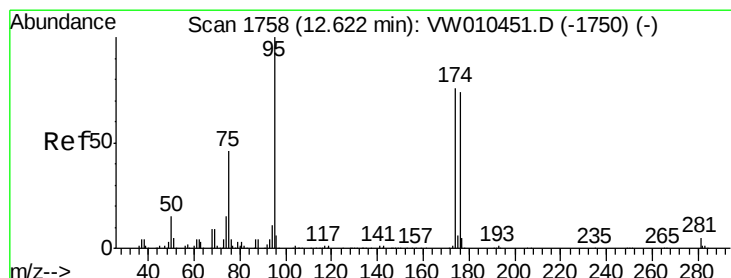
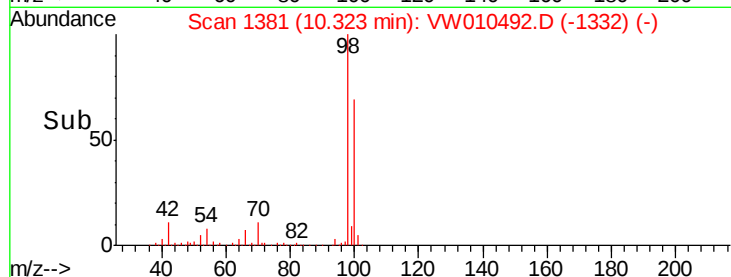
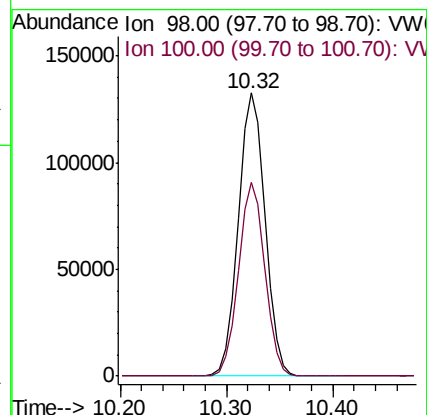
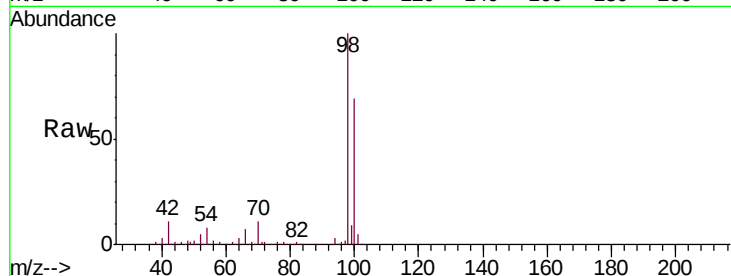
FESB-14(4.5-5)

Tgt Ion: 98 Resp: 234256

Ion Ratio Lower Upper

98 100

100 67.5 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 48.120 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010492.D

Acq: 21 May 2019 17:20

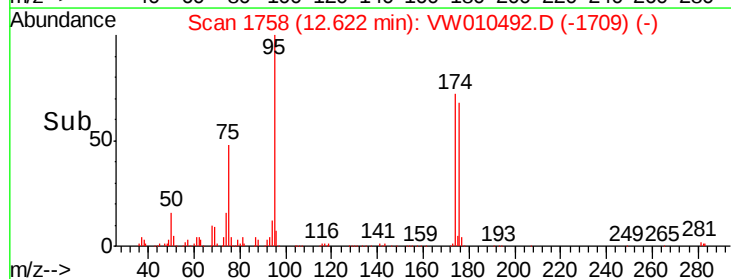
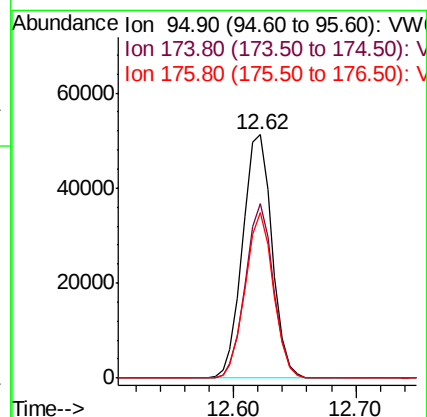
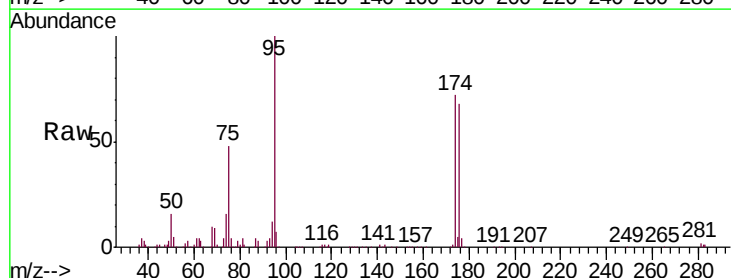
Tgt Ion: 95 Resp: 85281

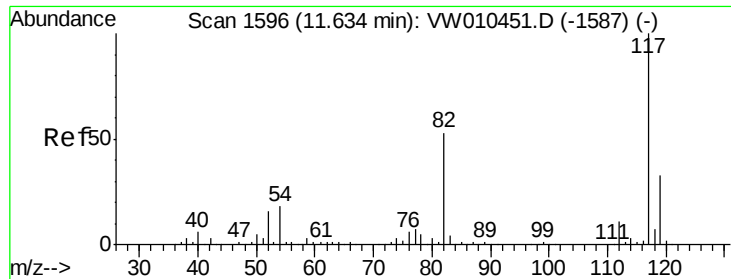
Ion Ratio Lower Upper

95 100

174 68.3 0.0 148.6

176 65.3 0.0 144.2

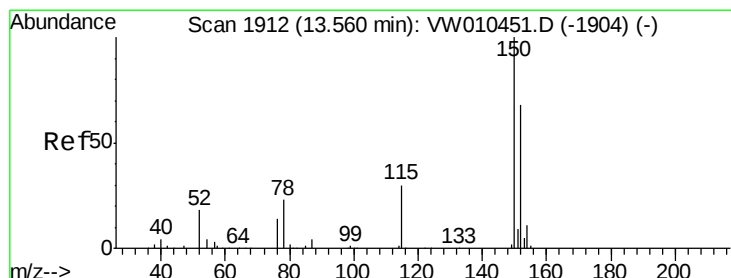
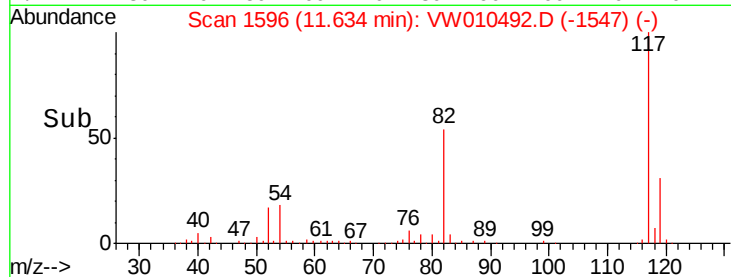
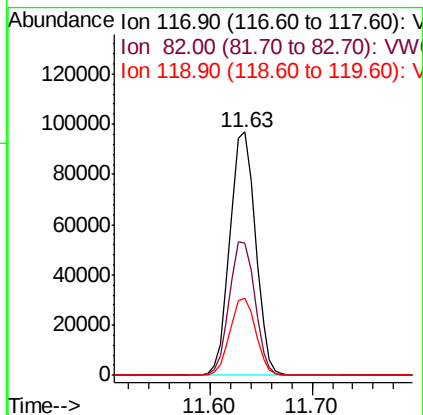
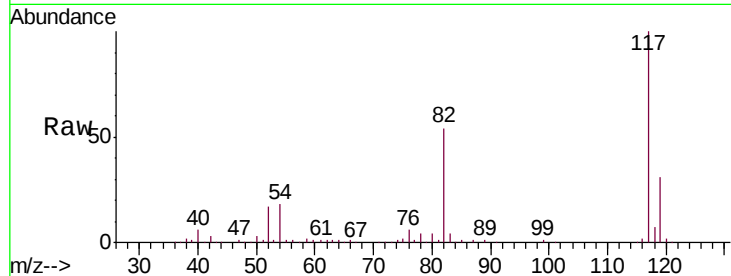




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010492.D
Acq: 21 May 2019 17:20

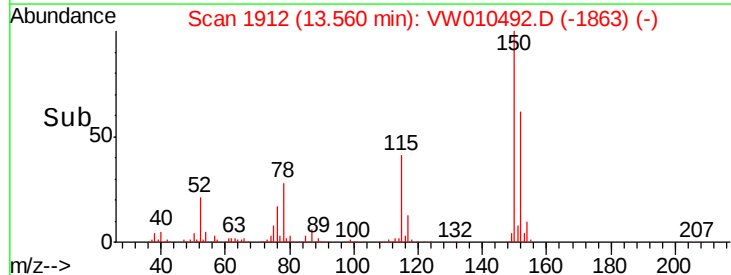
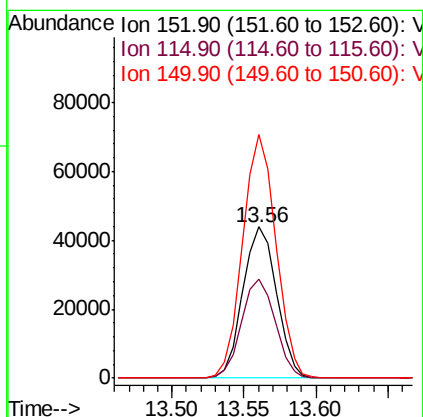
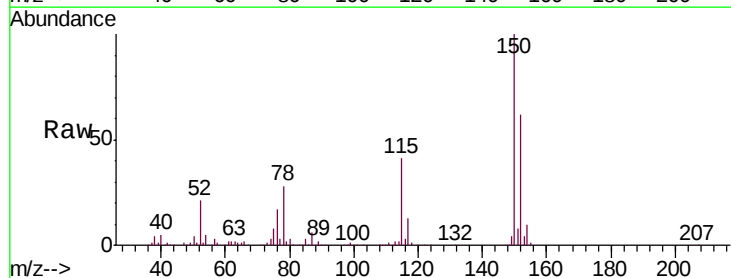
Instrument :
MSVOA_W
ClientSampleId :
FESB-14(4.5-5)

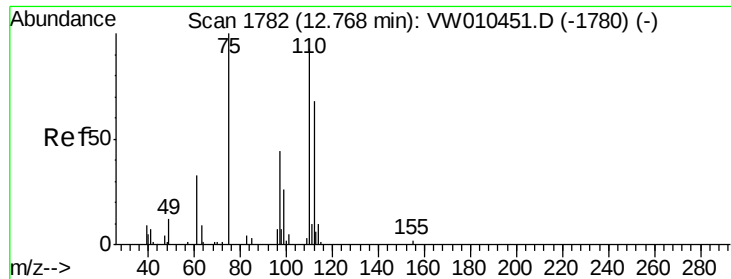
Tgt Ion:117 Resp: 168061
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010492.D
Acq: 21 May 2019 17:20

Tgt Ion:152 Resp: 71267
Ion Ratio Lower Upper
152 100
115 65.5 30.3 91.0
150 158.8 0.0 349.8

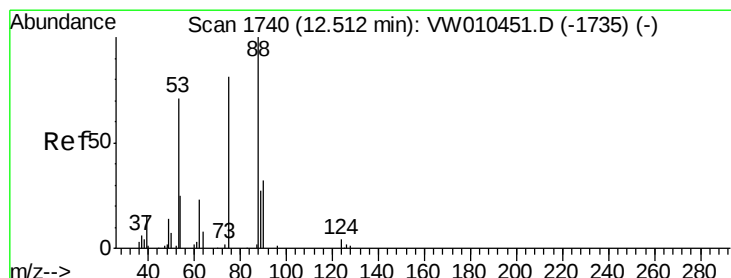
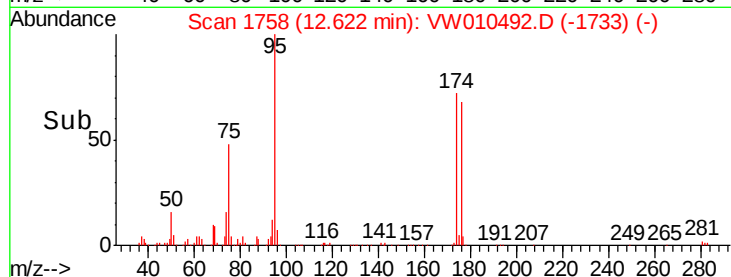
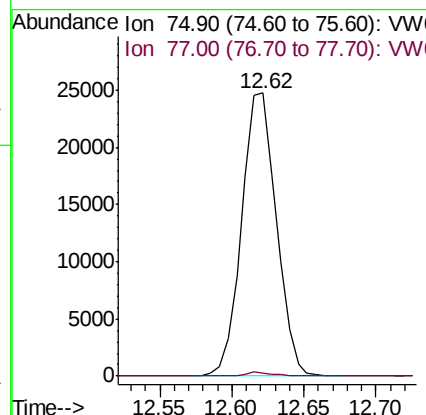
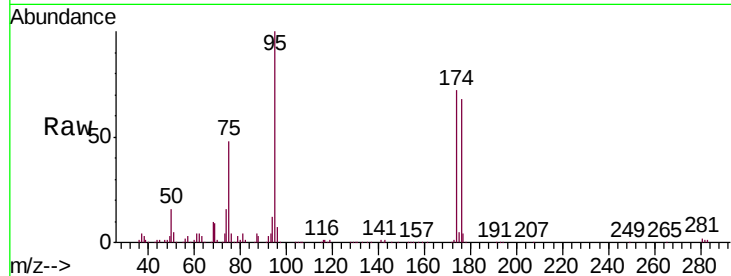




#76
 1,2,3-Trichloropropane
 Concen: 57.076 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010492.D
 Acq: 21 May 2019 17:20

Instrument :
 MSVOA_W
 ClientSampled :
 FESB-14(4.5-5)

Tgt Ion: 75 Resp: 41289
 Ion Ratio Lower Upper
 75 100
 77 1.1 170.0 510.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.119 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW010492.D
 Acq: 21 May 2019 17:20

Tgt Ion: 75 Resp: 41289
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.8#
 89 0.1 39.5 59.3#

