

Data File : VW010482.D
Acq On : 21 May 2019 12:52
Operator : SY/VA
Sample : K2966-01
Misc : 5.84G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FESB-13(9.5-10)

Quant Time: May 22 06:42:04 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	125038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	240405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	211276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91820	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	74690	57.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.74%	
35) Dibromofluoromethane	7.88	113	75603	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.32	98	295805	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.62	95	108187	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	

Target Compounds

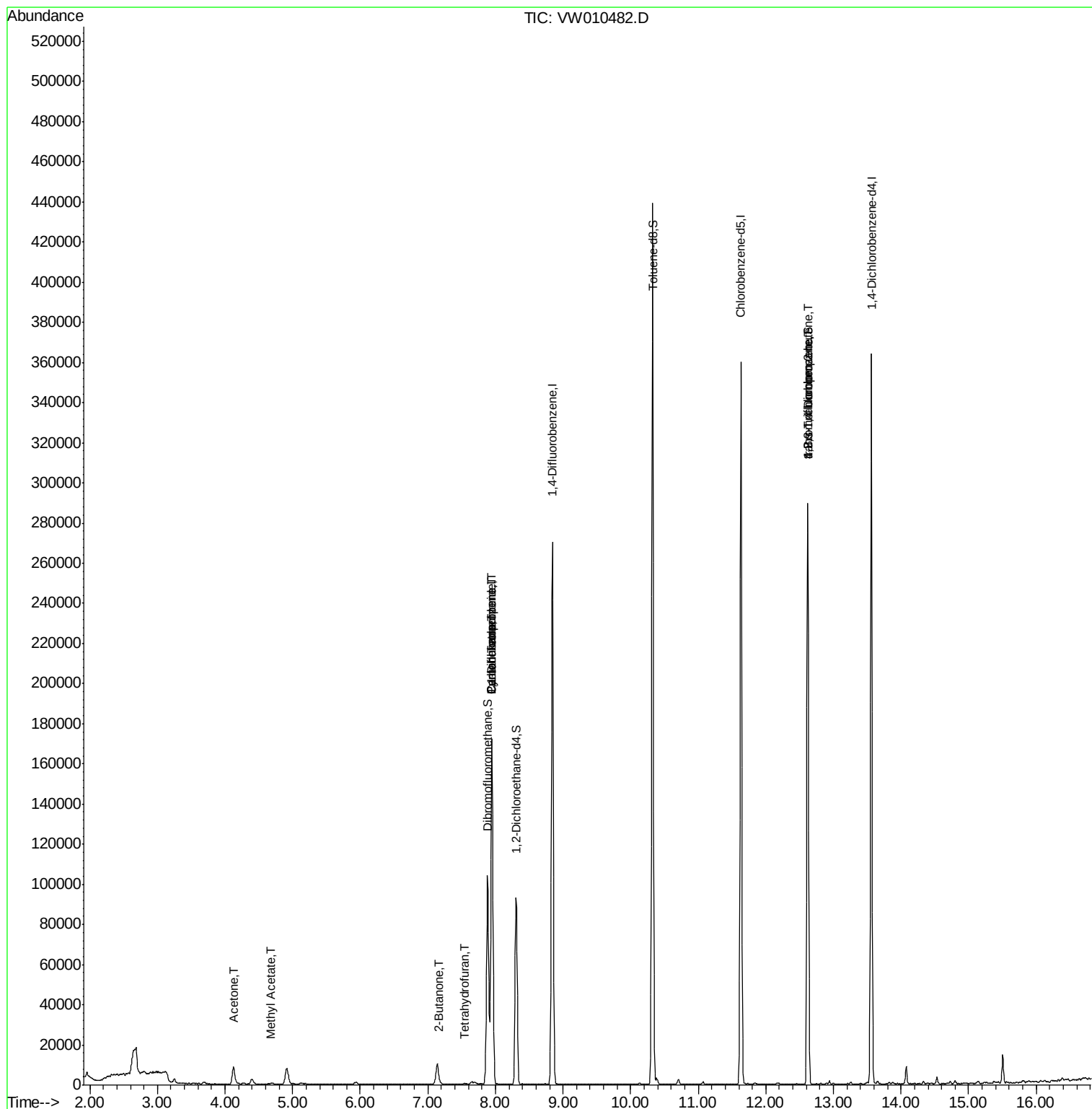
						Qvalue
16) Acetone	4.12	43	15345	58.248	ug/l	97
18) Methyl Acetate	4.67	43	985	1.529	ug/l #	76
20) Methylene Chloride	4.92	84	6603	Below Cal		95
25) 2-Butanone	7.17	43	578	1.533	ug/l #	45
29) Tetrahydrofuran	7.54	42	291	1.141	ug/l #	61
31) Cyclohexane	7.95	56	2616	1.068	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9858	4.402	ug/l #	47
38) Carbon Tetrachloride	7.95	117	13565	5.615	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	51726	55.498	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	51726	115.826	ug/l #	14

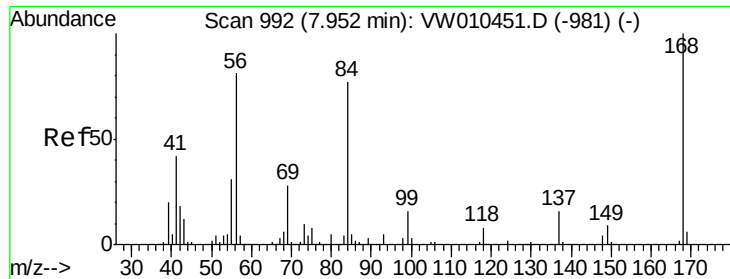
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010482.D

Acq: 21 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

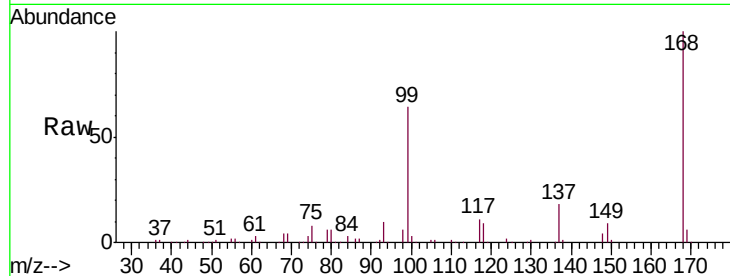
FESB-13(9.5-10)

Tgt Ion:168 Resp: 125038

Ion Ratio Lower Upper

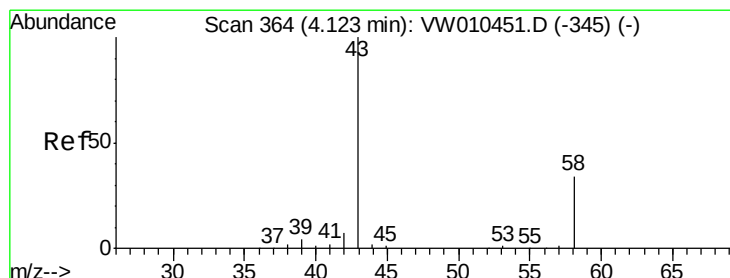
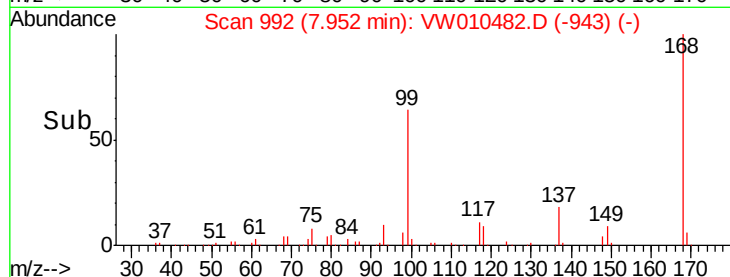
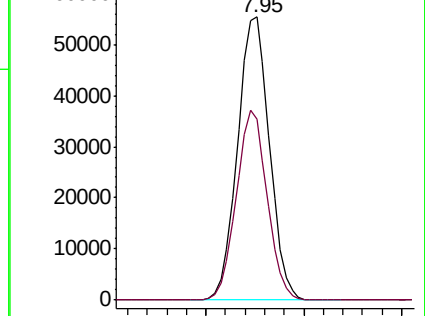
168 100

99 63.9 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: 58.248 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010482.D

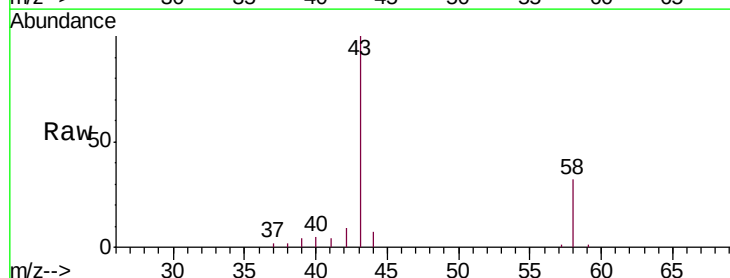
Acq: 21 May 2019 12:52

Tgt Ion: 43 Resp: 15345

Ion Ratio Lower Upper

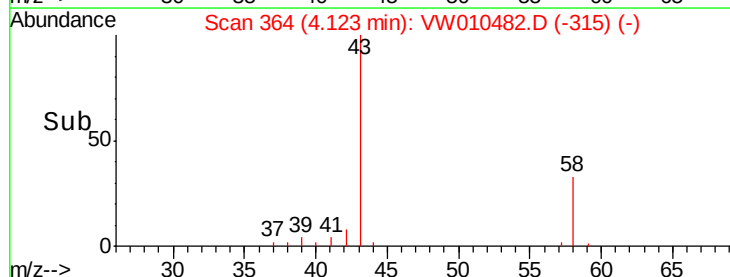
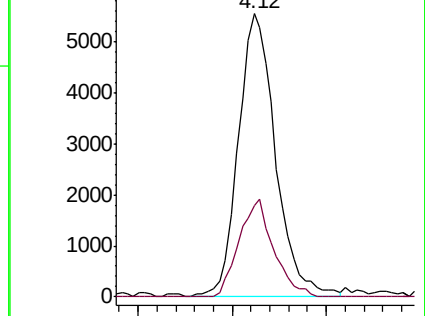
43 100

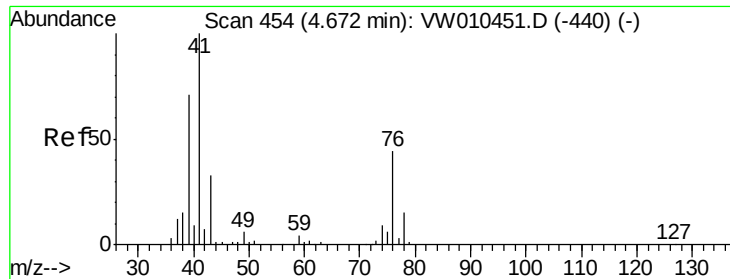
58 32.2 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

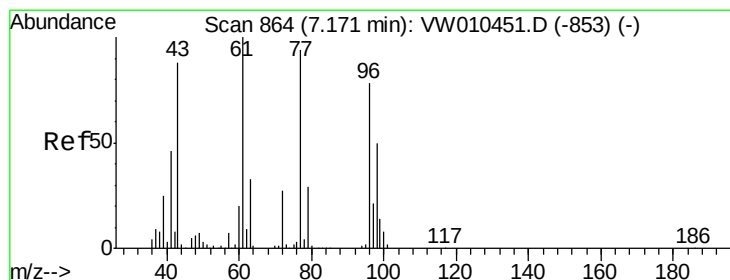
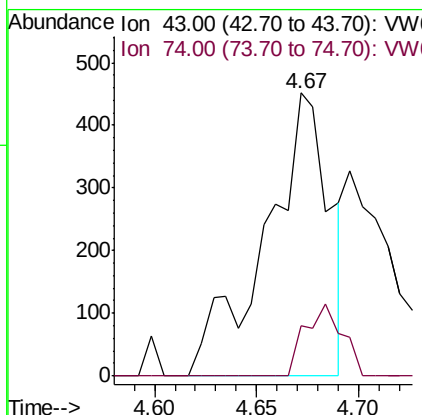
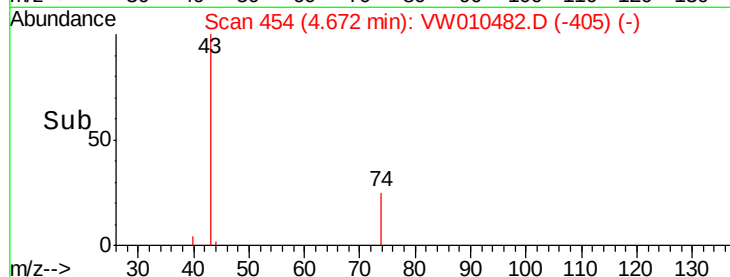
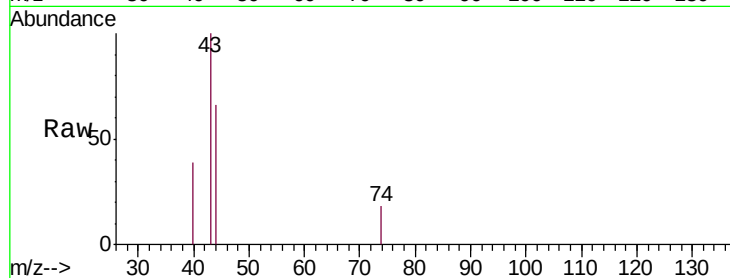




#18
Methyl Acetate
Concen: 1.529 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010482.D
Acq: 21 May 2019 12:52

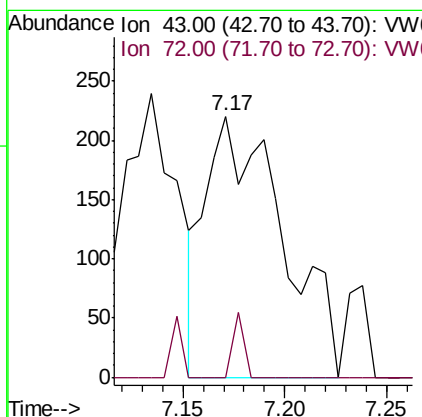
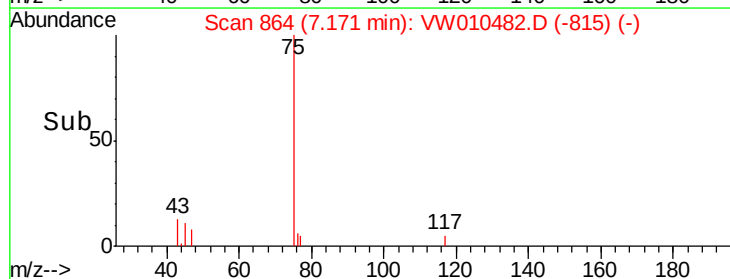
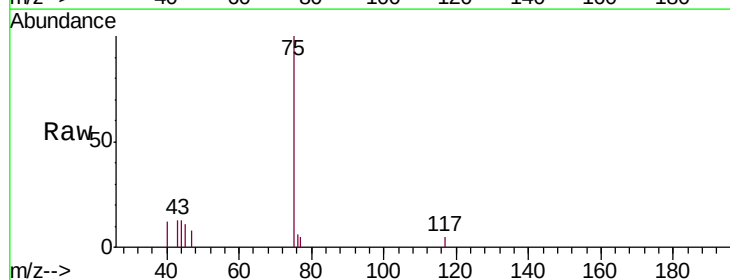
Instrument :
MSVOA_W
ClientSampleId :
FESB-13(9.5-10)

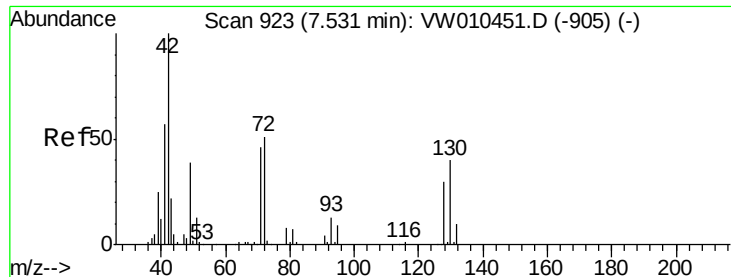
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
74 14.8 21.6 32.4#



#25
2-Butanone
Concen: 1.533 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010482.D
Acq: 21 May 2019 12:52

Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
72 0.0 24.1 36.1#

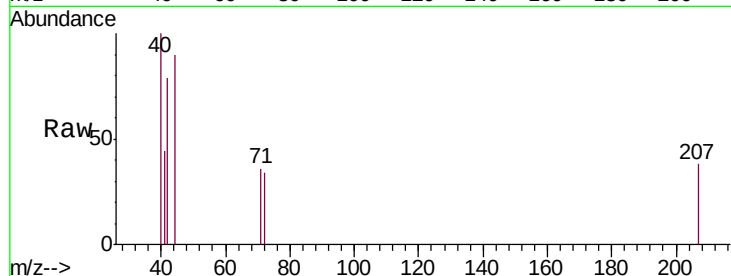




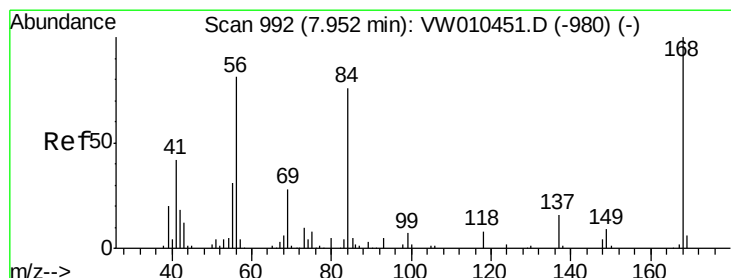
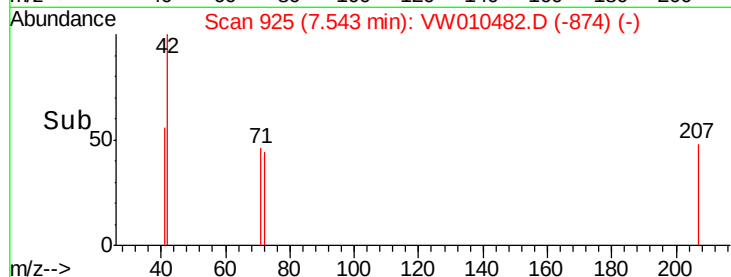
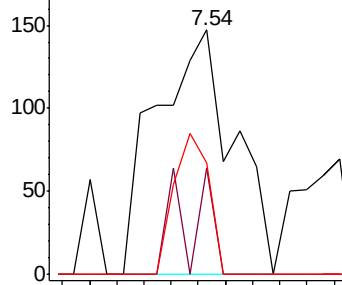
#29
Tetrahydrofuran
Concen: 1.141 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW010482.D
Acq: 21 May 2019 12:52

Instrument :
MSVOA_W
ClientSampleId :
FESB-13(9.5-10)

Tgt Ion: 42 Resp: 291
Ion Ratio Lower Upper
42 100
72 16.2 38.5 57.7#
71 25.8 36.5 54.7#

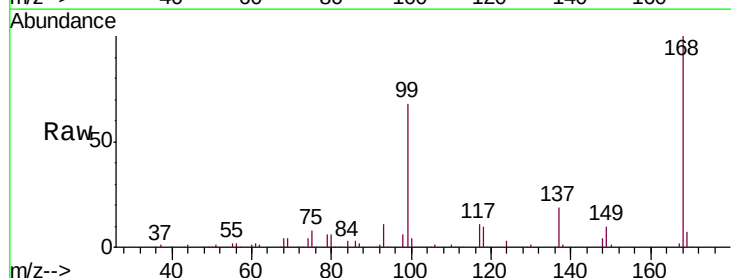


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

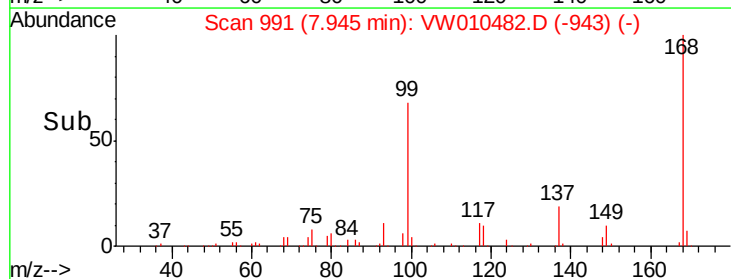
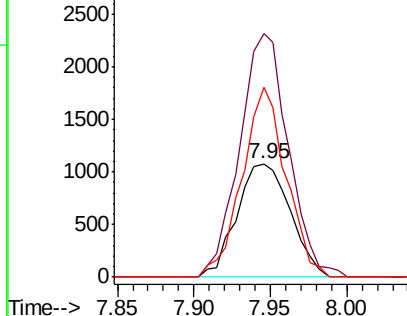


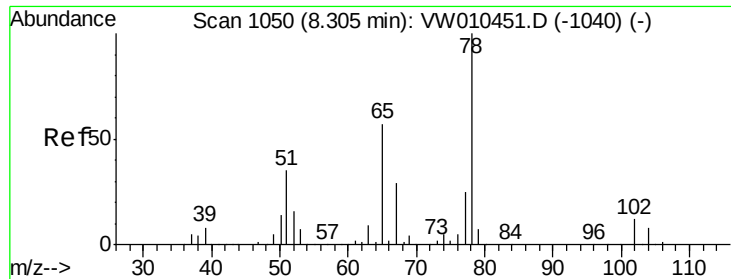
#31
Cyclohexane
Concen: 1.068 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010482.D
Acq: 21 May 2019 12:52

Tgt Ion: 56 Resp: 2616
Ion Ratio Lower Upper
56 100
69 214.8 28.2 42.2#
84 167.7 75.8 113.8#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

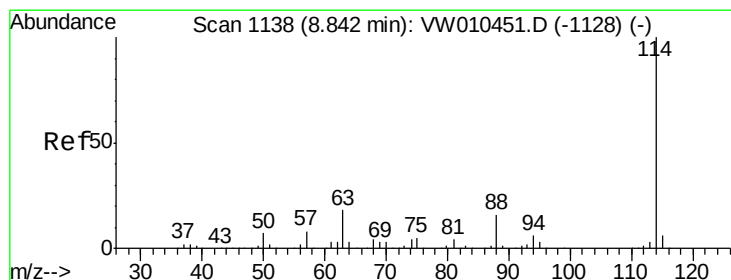
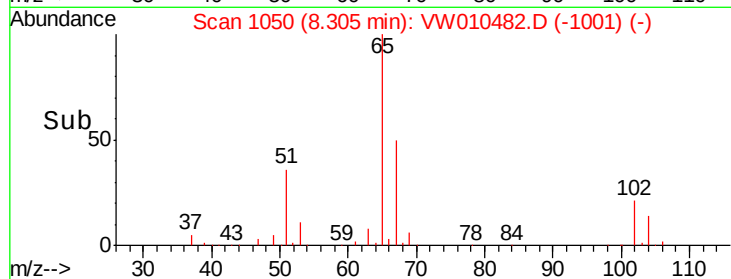
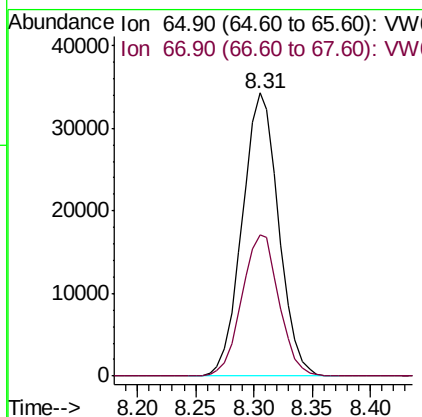
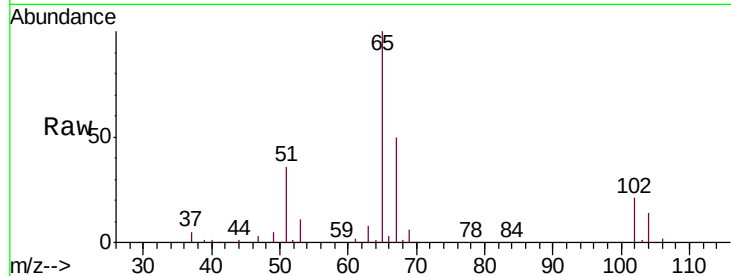




#33
 1,2-Dichloroethane-d4
 Concen: 57.872 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010482.D
 Acq: 21 May 2019 12:52

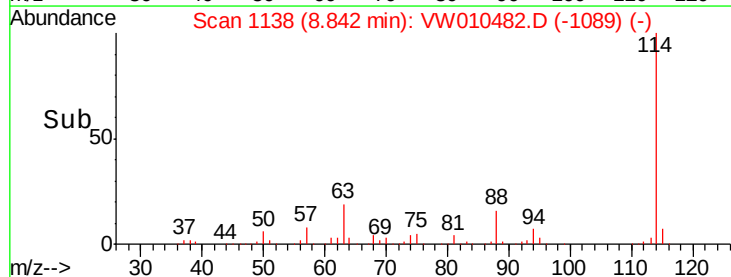
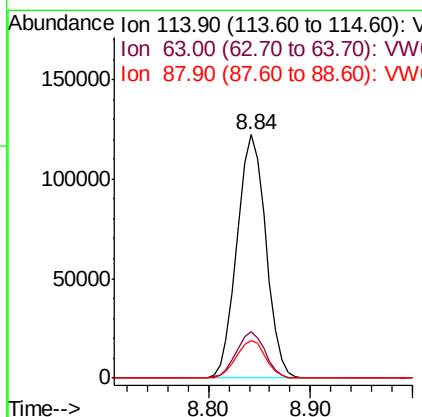
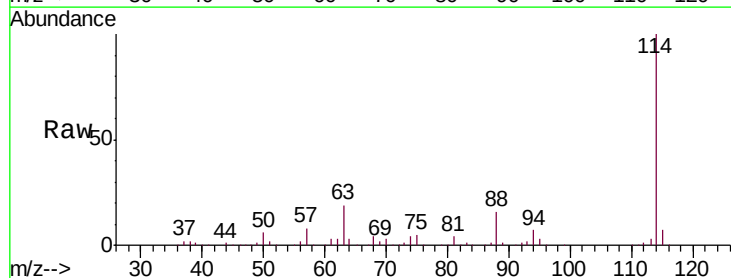
Instrument :
 MSVOA_W
 ClientSampleId :
 FESB-13(9.5-10)

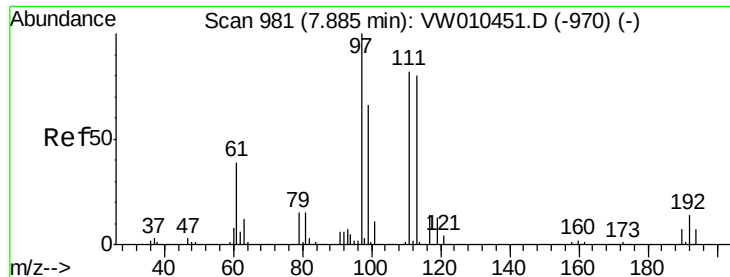
Tgt Ion: 65 Resp: 74690
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010482.D
 Acq: 21 May 2019 12:52

Tgt Ion: 114 Resp: 240405
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.0
 88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.828 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010482.D

Acq: 21 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

FESB-13(9.5-10)

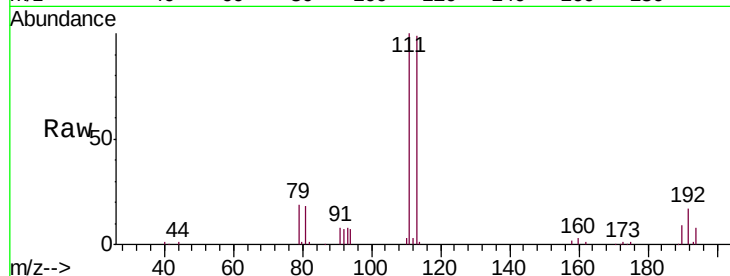
Tgt Ion:113 Resp: 75603

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

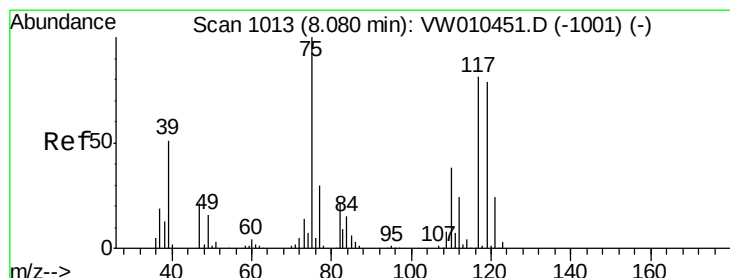
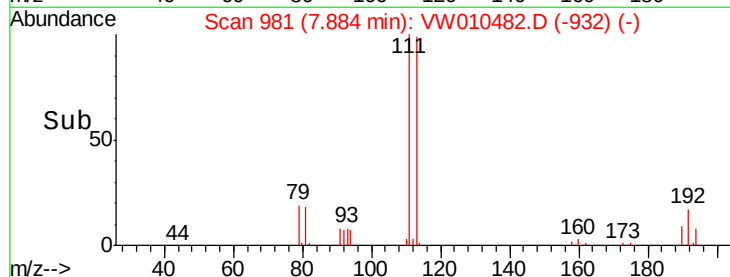
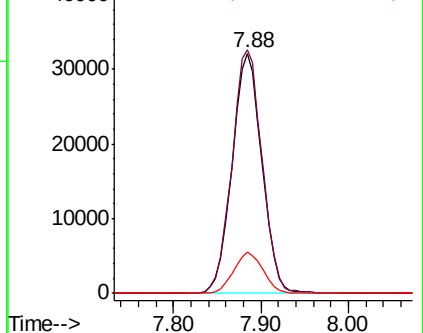
192 16.9 14.3 21.5



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: 4.402 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010482.D

Acq: 21 May 2019 12:52

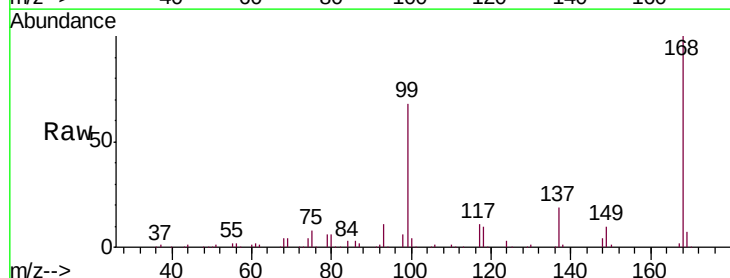
Tgt Ion: 75 Resp: 9858

Ion Ratio Lower Upper

75 100

110 8.4 19.2 57.6#

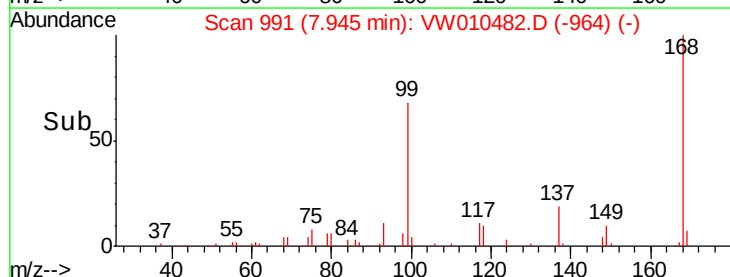
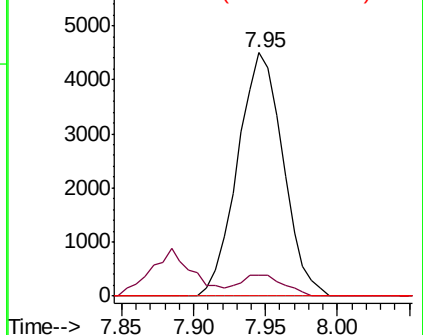
77 0.0 25.2 37.8#

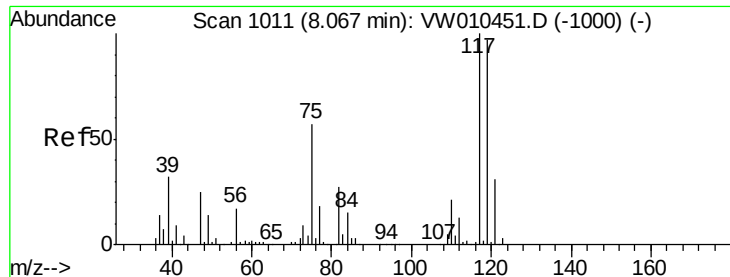


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.615 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW010482.D

Acq: 21 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

FESB-13(9.5-10)

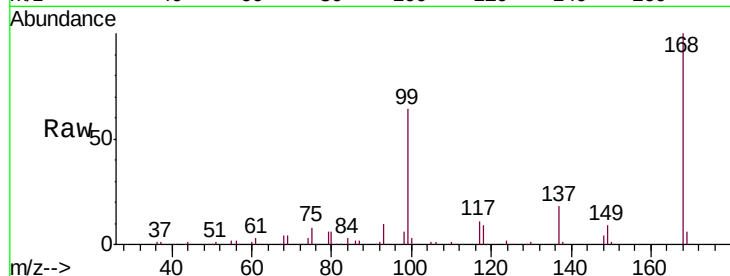
Tgt Ion: 117 Resp: 13565

Ion Ratio Lower Upper

117 100

119 4.4 77.4 116.0#

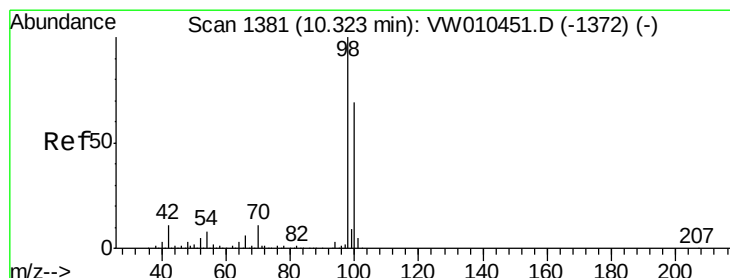
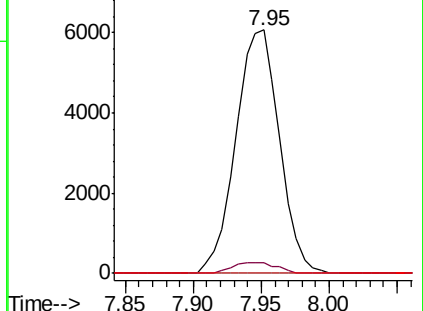
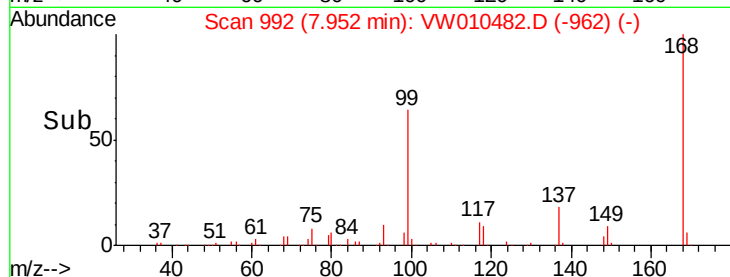
121 0.0 25.0 37.6#



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: 53.081 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010482.D

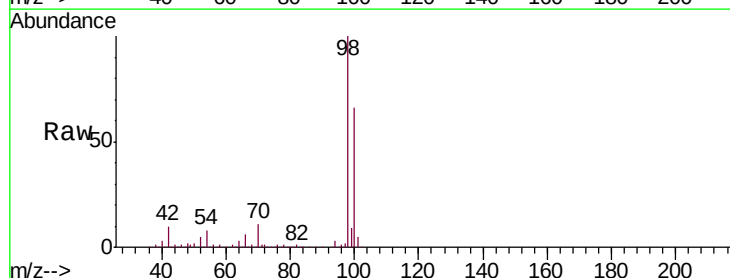
Acq: 21 May 2019 12:52

Tgt Ion: 98 Resp: 295805

Ion Ratio Lower Upper

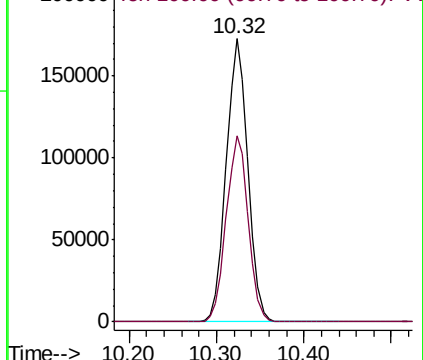
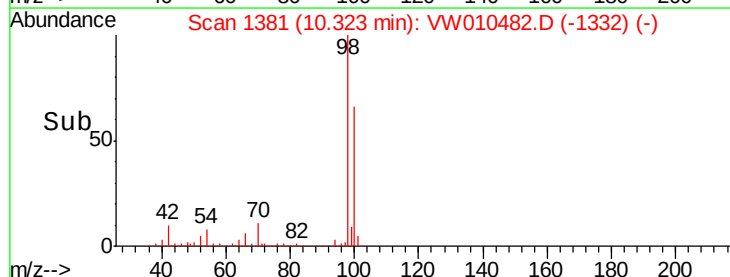
98 100

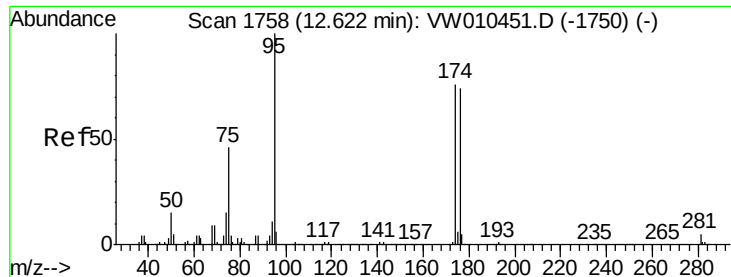
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.740 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010482.D

Acq: 21 May 2019 12:52

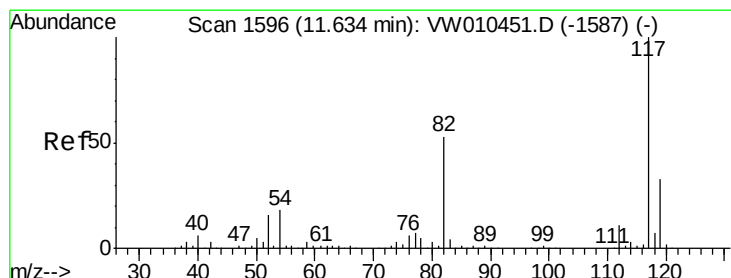
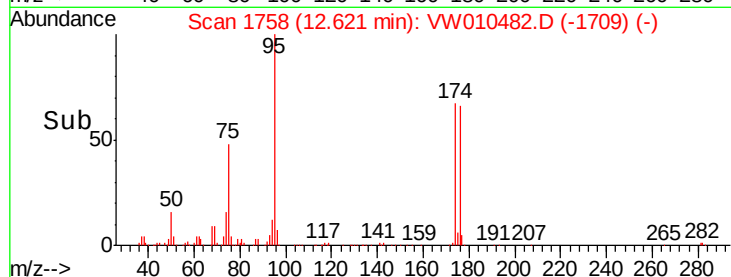
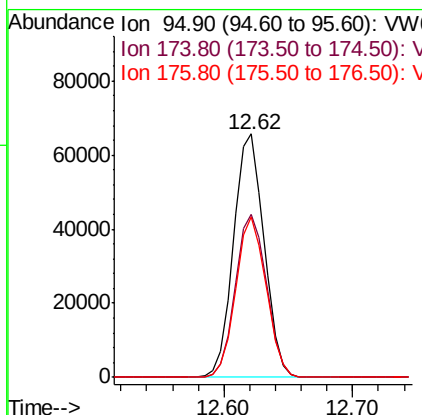
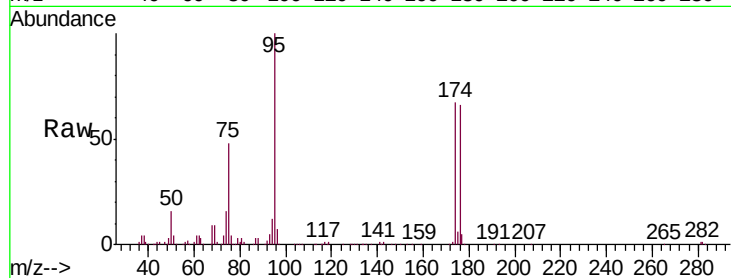
Instrument :

MSVOA_W

ClientSampleId :

FESB-13(9.5-10)

Tgt Ion:	95	Resp:	108187
Ion Ratio	Lower	Upper	
95	100		
174	68.2	0.0	148.6
176	65.2	0.0	144.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

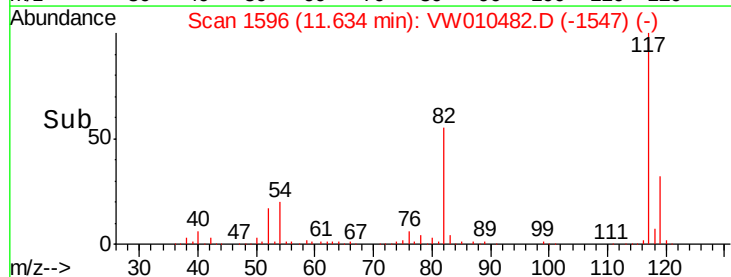
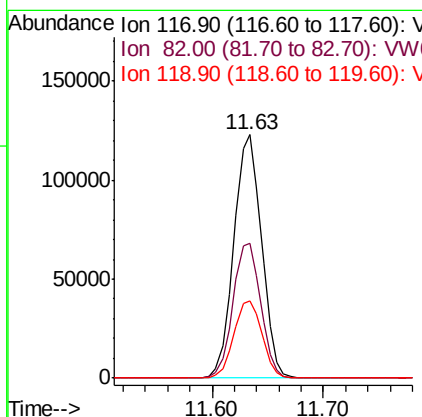
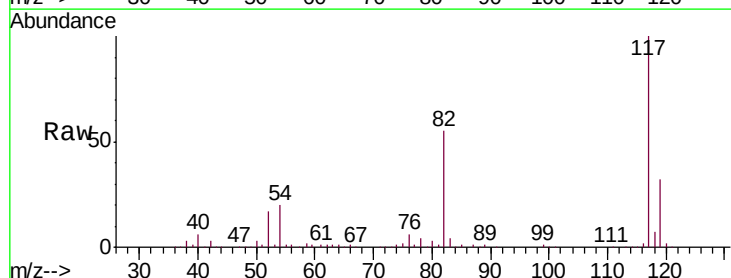
RT: 11.63 min Scan# 1596

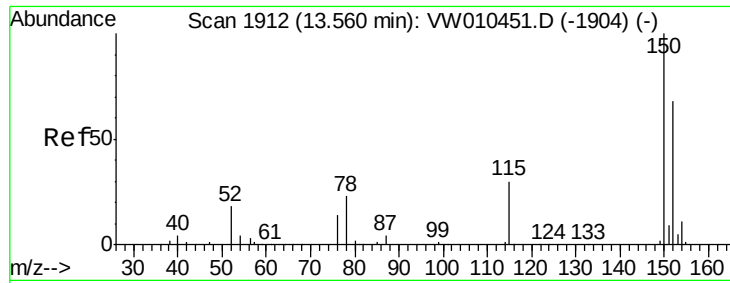
Delta R.T. -0.00 min

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Tgt Ion:	117	Resp:	211276
Ion Ratio	Lower	Upper	
117	100		
82	55.4	42.8	64.2
119	31.8	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: VW010482.D

Acq: 21 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

FESB-13(9.5-10)

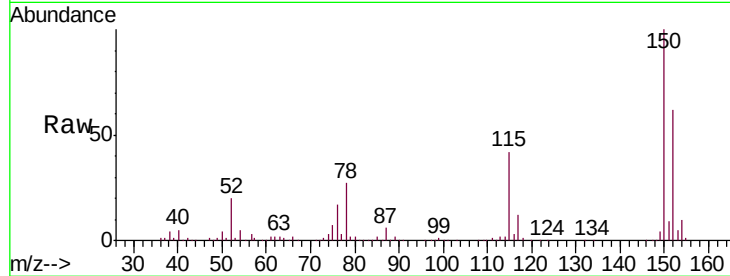
Tgt Ion:152 Resp: 91820

Ion Ratio Lower Upper

152 100

115 65.6 30.3 91.0

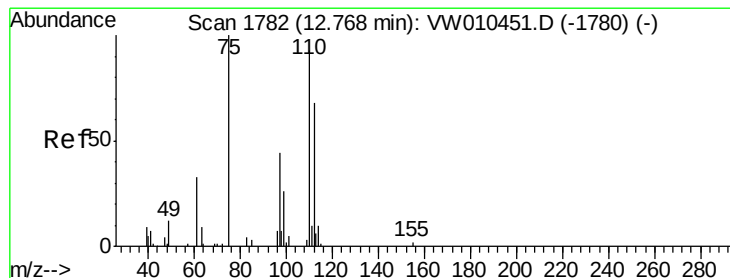
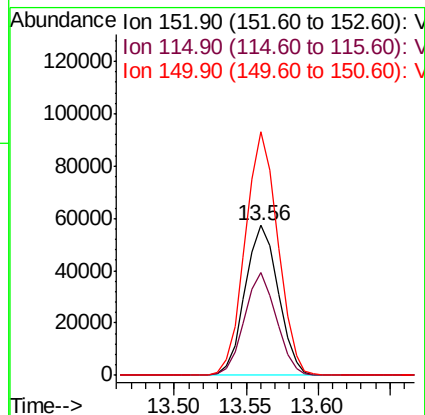
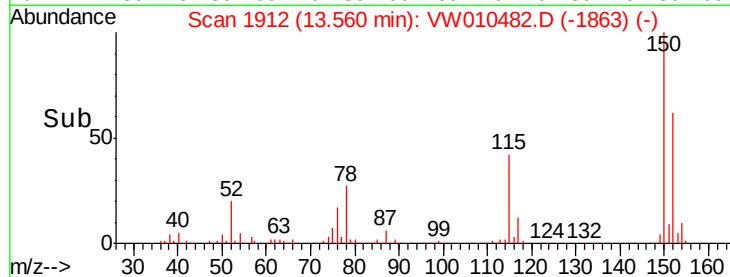
150 159.0 0.0 349.8



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: 55.498 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010482.D

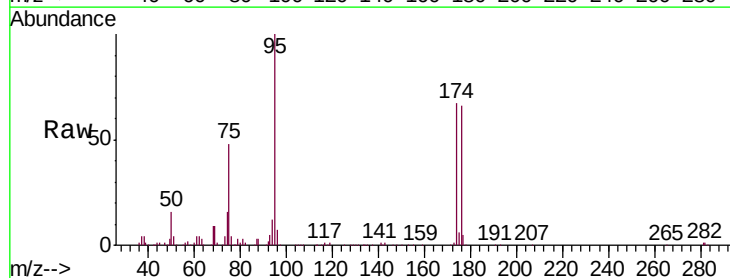
Acq: 21 May 2019 12:52

Tgt Ion: 75 Resp: 51726

Ion Ratio Lower Upper

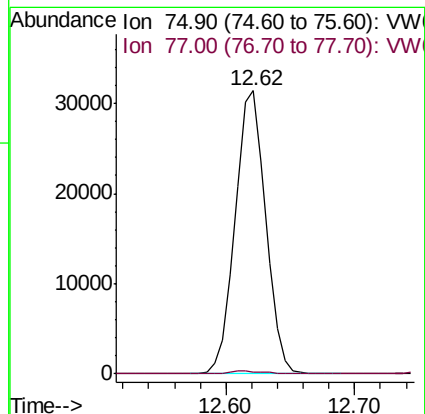
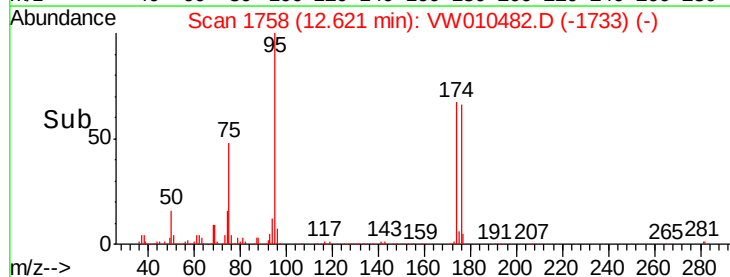
75 100

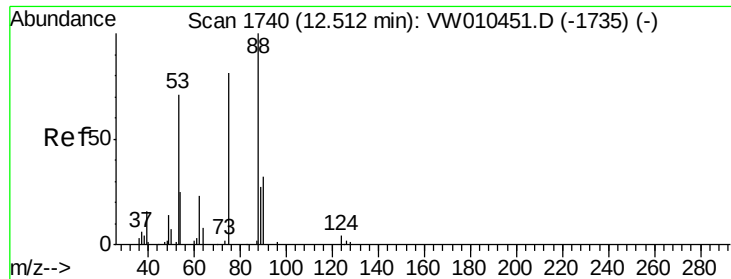
77 1.1 170.0 510.1#



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: 115.826 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010482.D

Acq: 21 May 2019 12:52

Instrument :

MSVOA_W

ClientSampleId :

FESB-13(9.5-10)

Tgt Ion: 75 Resp: 51726

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.8#

89 0.0 39.5 59.3#

