

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110318\
 Data File : VW006590.D
 Acq On : 02 Nov 2018 06:20
 Operator : SY/AP
 Sample : J5737-03RE
 Misc : 4.07G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-BRE

Quant Time: Nov 02 08:00:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

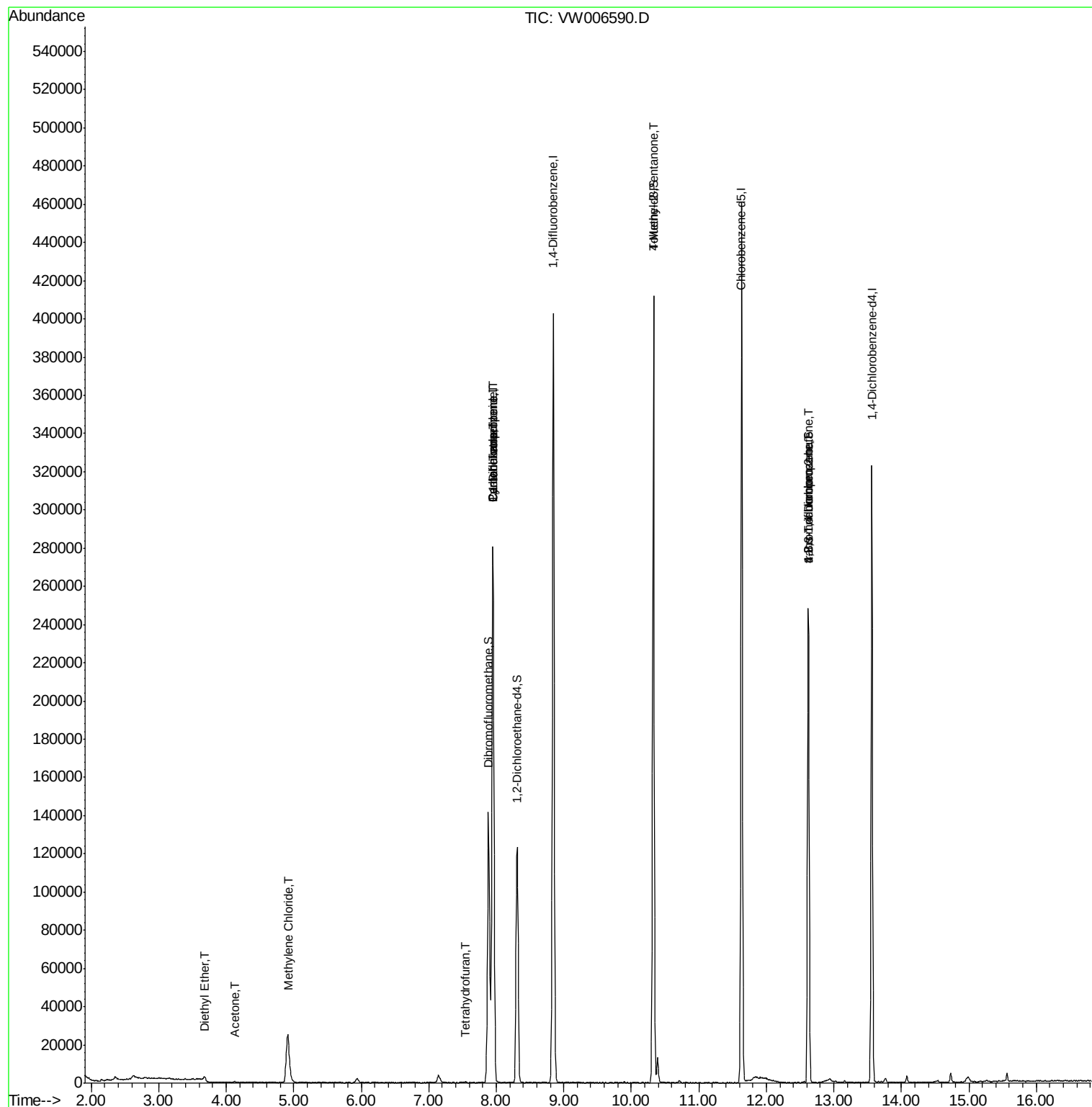
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	362780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	94585	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	97818	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.88	113	99188	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
50) Toluene-d8	10.33	98	283003	32.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.30%	
62) 4-Bromofluorobenzene	12.62	95	77020	24.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.02%	
Target Compounds						
8) Diethyl Ether	3.68	74	1698	1.675	ug/l	99
16) Acetone	4.12	43	803	2.468	ug/l #	88
20) Methylene Chloride	4.92	84	22525	5.349	ug/l	99
29) Tetrahydrofuran	7.55	42	337	1.154	ug/l #	55
31) Cyclohexane	7.95	56	3996	1.245	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	14894	4.669	ug/l #	47
38) Carbon Tetrachloride	7.95	117	20616	6.184	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	1136	1.003	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	38267	51.854	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	38267	129.801	ug/l #	11

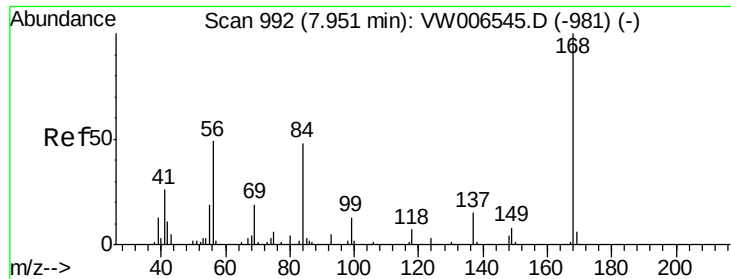
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 01 03:48:08 2018
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: VW006590.D

Acq: 02 Nov 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

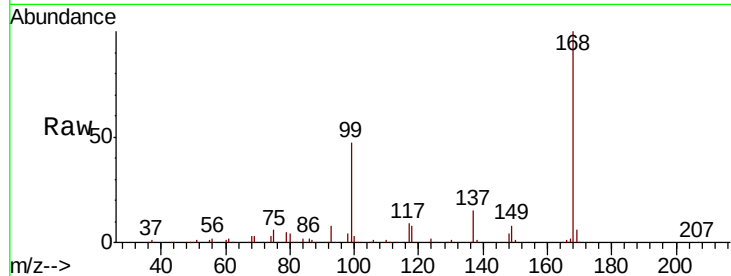
TP-BRE

Tgt Ion:168 Resp: 234428

Ion Ratio Lower Upper

168 100

99 46.8 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

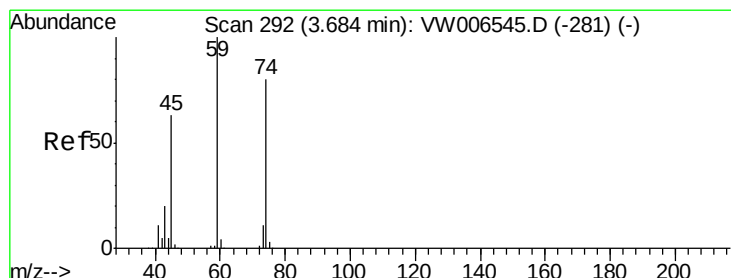
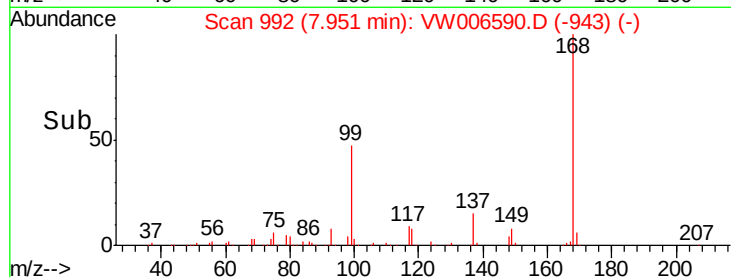
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 1.675 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VW006590.D

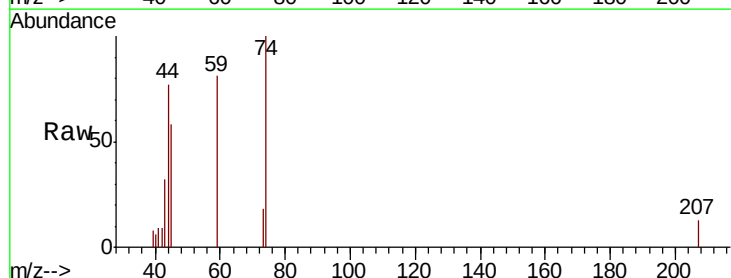
Acq: 02 Nov 2018 06:20

Tgt Ion: 74 Resp: 1698

Ion Ratio Lower Upper

74 100

45 81.4 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

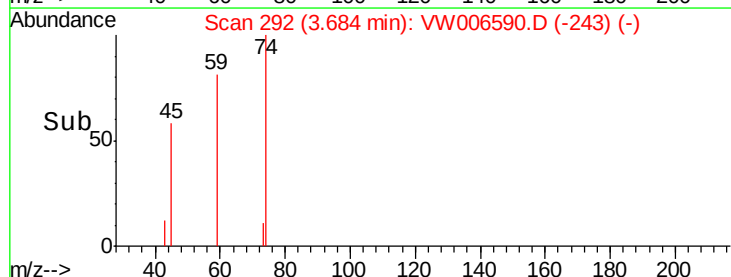
600

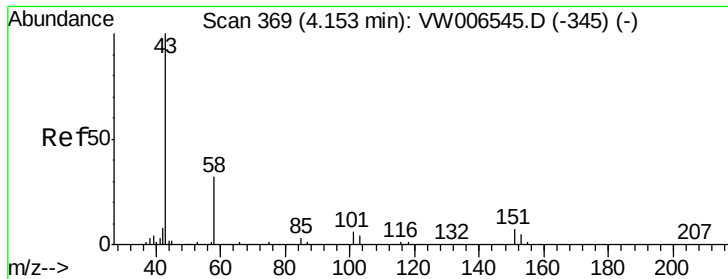
400

200

0

Time-->





#16

Acetone

Concen: 2.468 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.04 min

Lab File: VW006590.D

Acq: 02 Nov 2018 06:20

Instrument :

MSVOA_W

ClientSampleId :

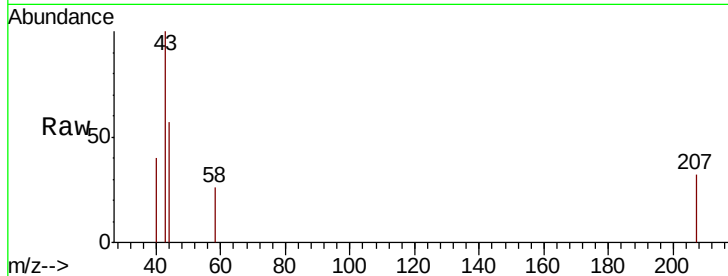
TP-BRE

Tgt Ion: 43 Resp: 803

Ion Ratio Lower Upper

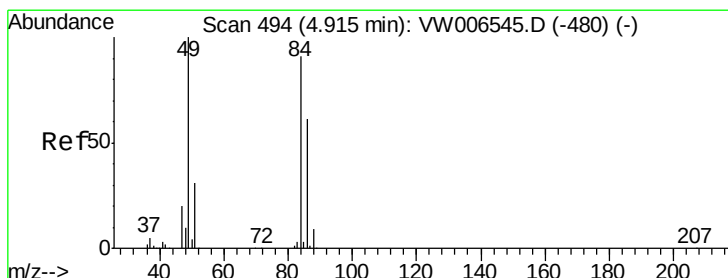
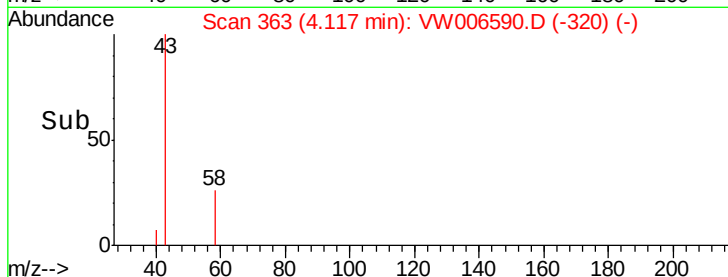
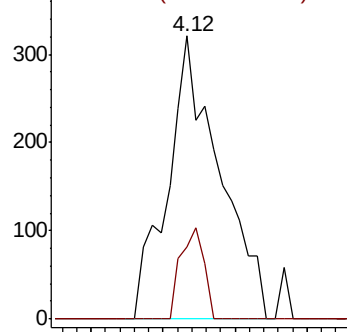
43 100

58 25.5 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 5.349 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006590.D

Acq: 02 Nov 2018 06:20

Tgt Ion: 84 Resp: 22525

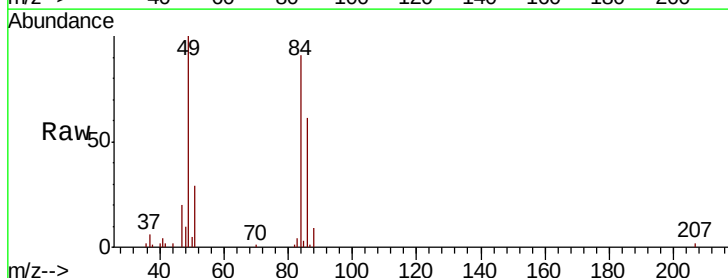
Ion Ratio Lower Upper

84 100

49 109.6 88.2 132.4

51 31.8 27.0 40.6

86 67.4 53.8 80.8

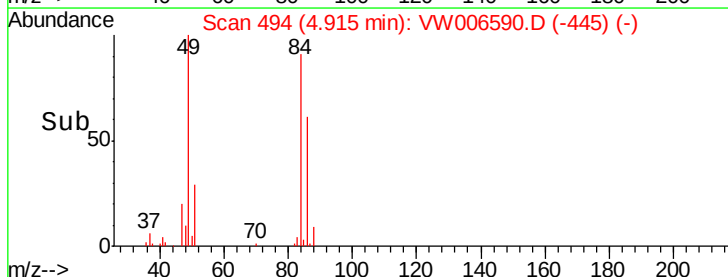
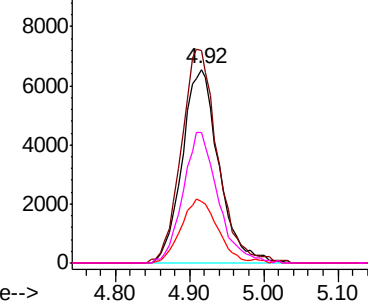


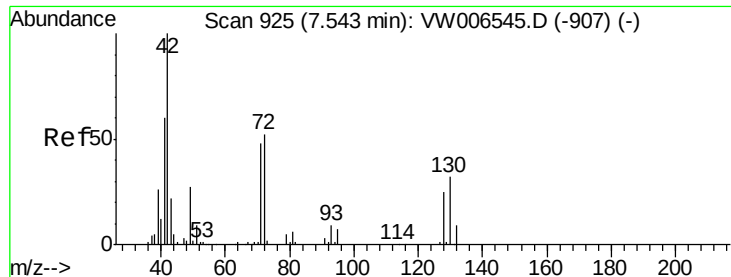
Abundance Ion 83.90 (83.60 to 84.60): VW

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

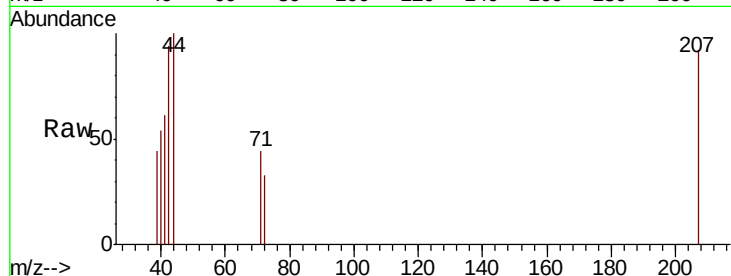




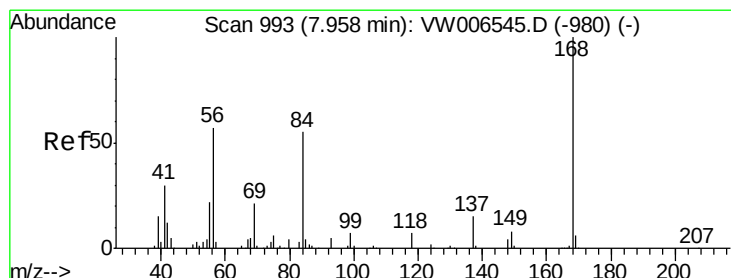
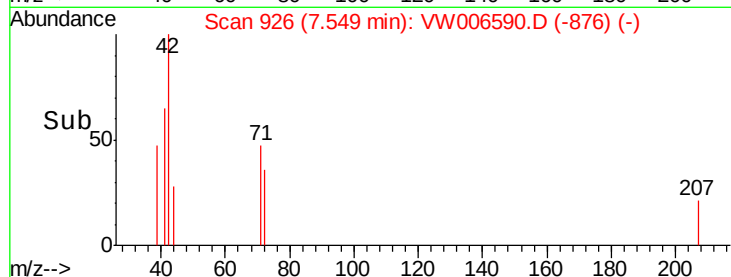
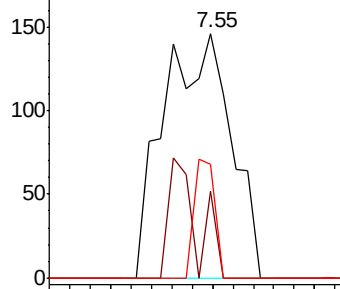
#29
Tetrahydrofuran
Concen: 1.154 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW006590.D
Acq: 02 Nov 2018 06:20

Instrument :
MSVOA_W
ClientSampleId :
TP-BRE

Tgt Ion: 42 Resp: 337
Ion Ratio Lower Upper
42 100
72 20.2 39.2 58.8#
71 15.1 37.6 56.4#

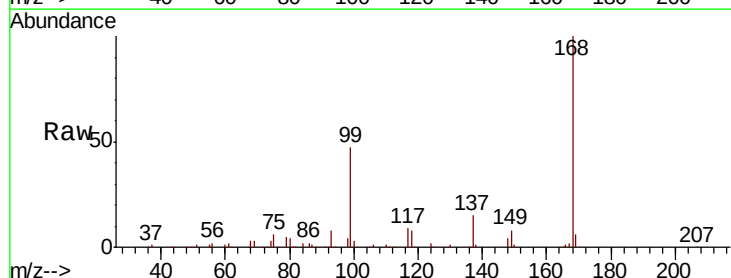


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

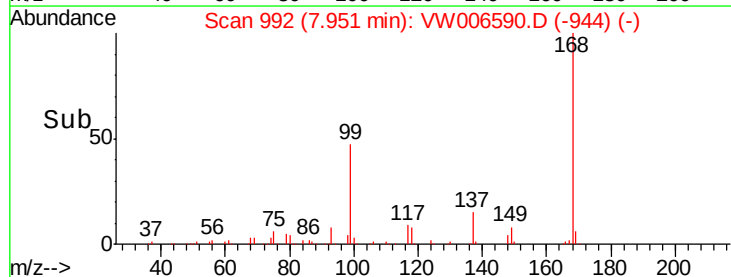
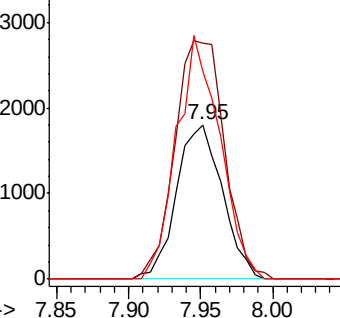


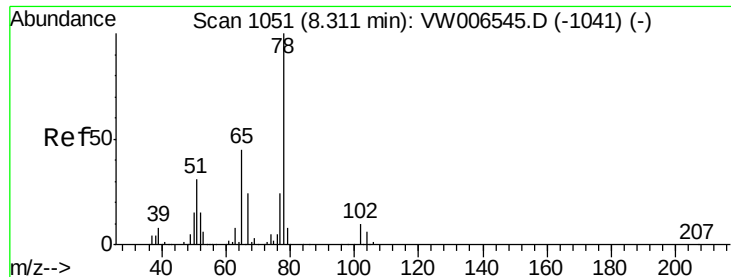
#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006590.D
Acq: 02 Nov 2018 06:20

Tgt Ion: 56 Resp: 3996
Ion Ratio Lower Upper
56 100
69 152.8 29.0 43.4#
84 134.8 77.8 116.6#



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

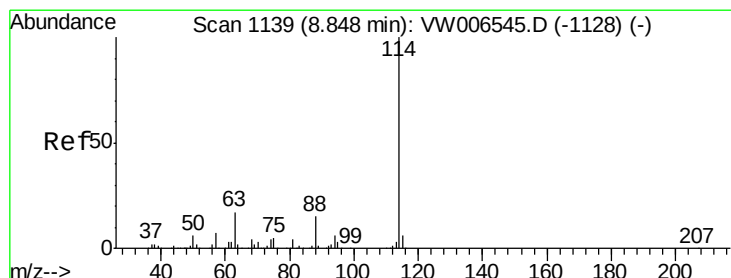
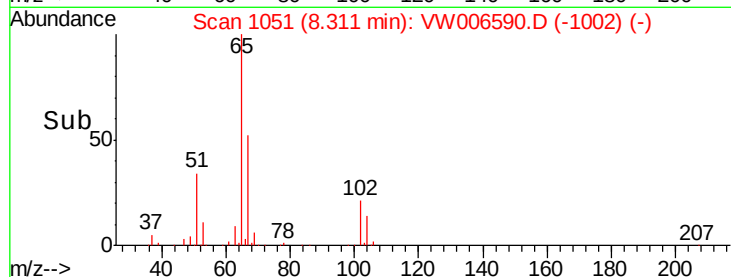
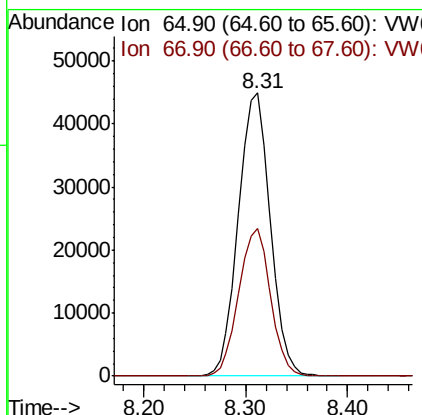
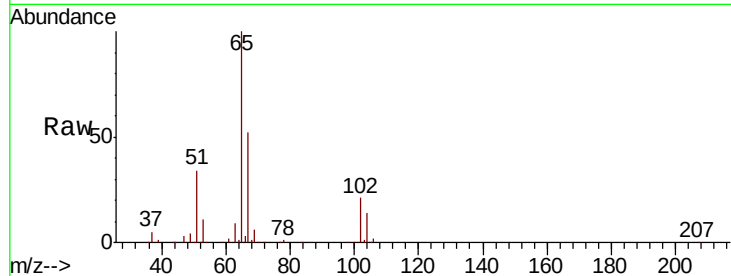




#33
 1,2-Dichloroethane-d4
 Concen: 48.542 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006590.D
 Acq: 02 Nov 2018 06:20

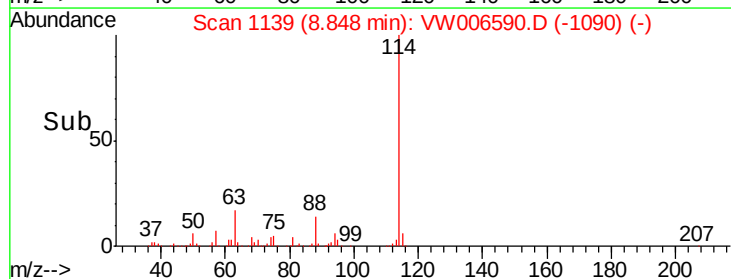
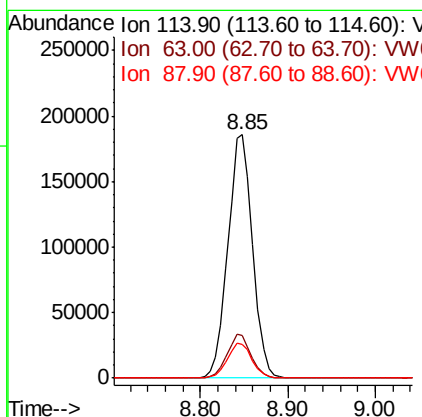
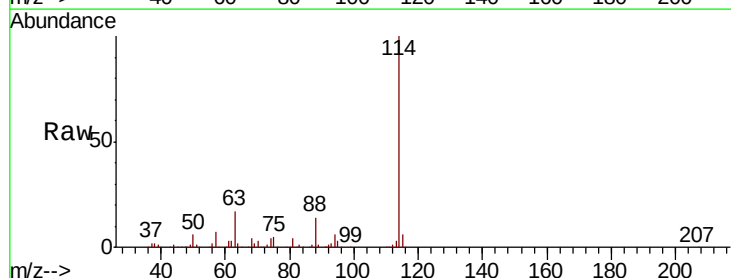
Instrument :
 MSVOA_W
 ClientSampled :
 TP-BRE

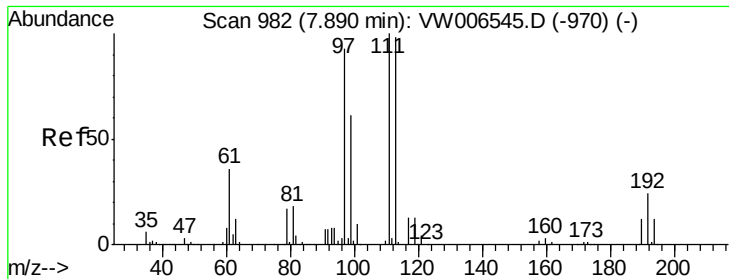
Tgt Ion: 65 Resp: 97818
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006590.D
 Acq: 02 Nov 2018 06:20

Tgt Ion: 114 Resp: 362780
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.4
 88 14.1 0.0 29.0

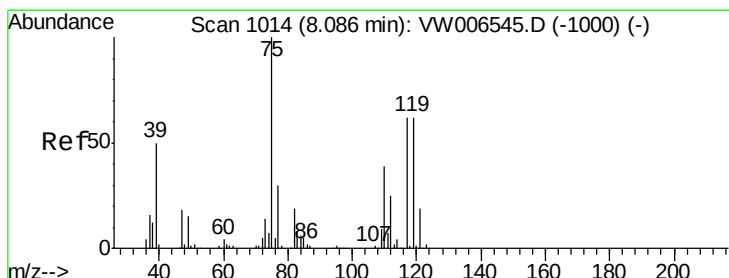
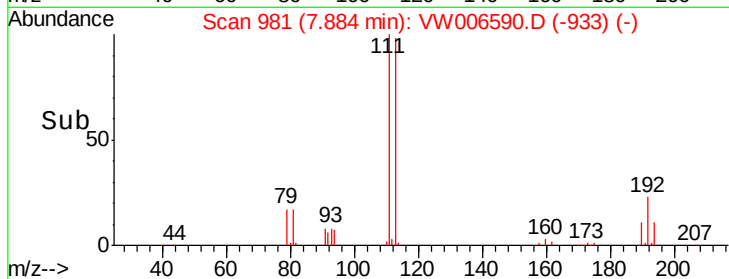
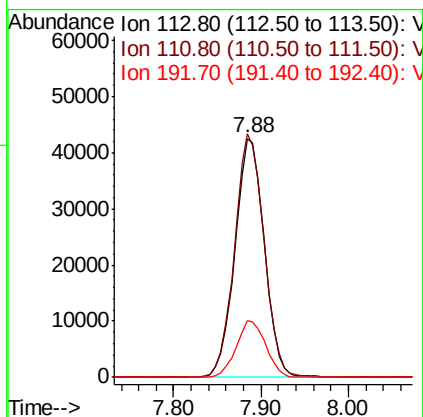
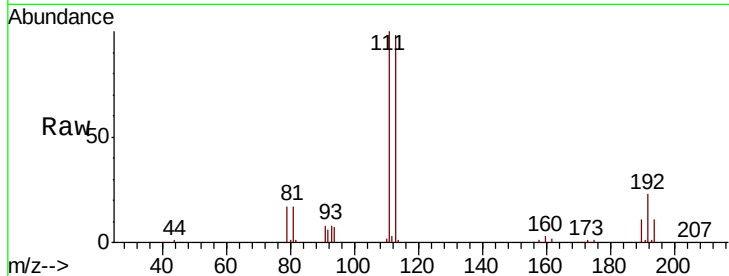




#35
 Dibromofluoromethane
 Concen: 43.566 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006590.D
 Acq: 02 Nov 2018 06:20

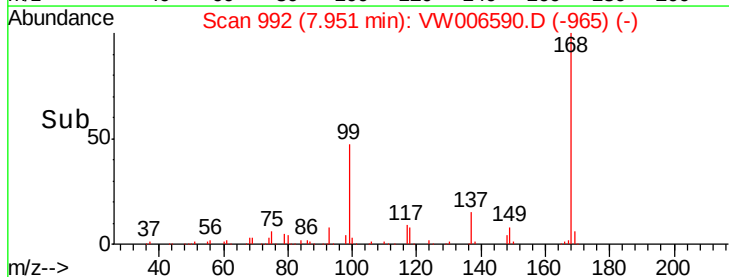
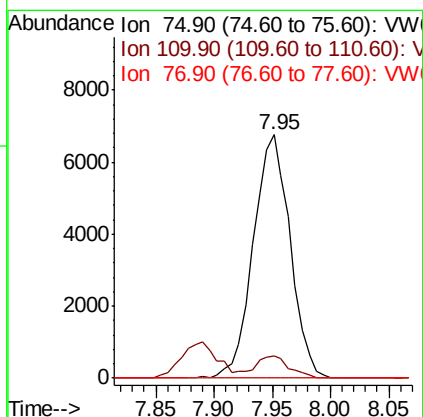
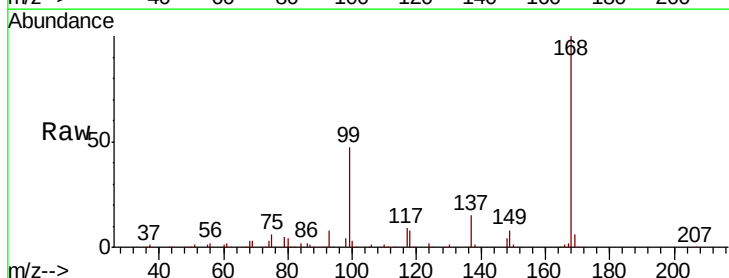
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-BRE

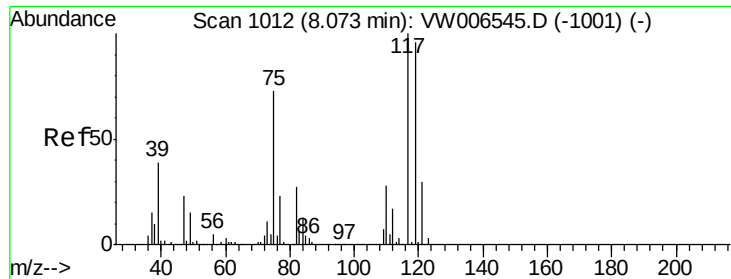
Tgt Ion:113 Resp: 99188
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.2
 192 23.8 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 4.669 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006590.D
 Acq: 02 Nov 2018 06:20

Tgt Ion: 75 Resp: 14894
 Ion Ratio Lower Upper
 75 100
 110 7.9 19.5 58.5#
 77 0.0 24.6 37.0#

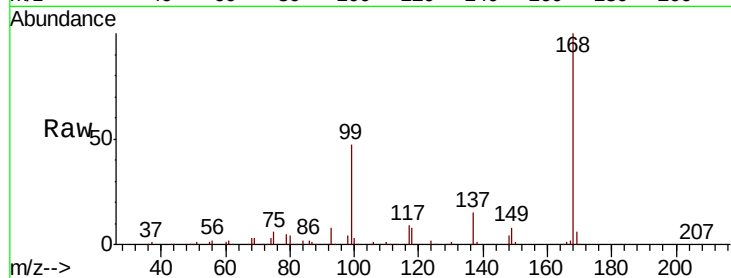




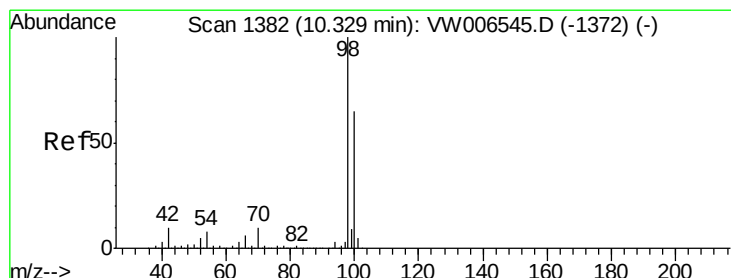
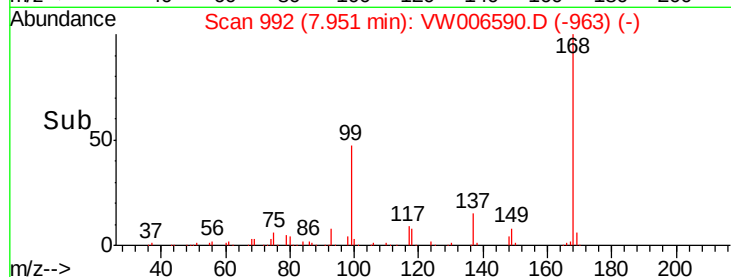
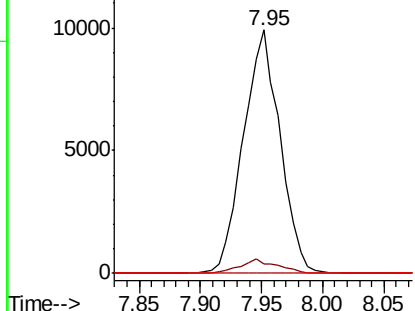
#38
Carbon Tetrachloride
Concen: 6.184 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006590.D
Acq: 02 Nov 2018 06:20

Instrument :
MSVOA_W
ClientSampled :
TP-BRE

Tgt Ion:117 Resp: 20616
Ion Ratio Lower Upper
117 100
119 4.1 76.3 114.5#
121 0.0 24.1 36.1#

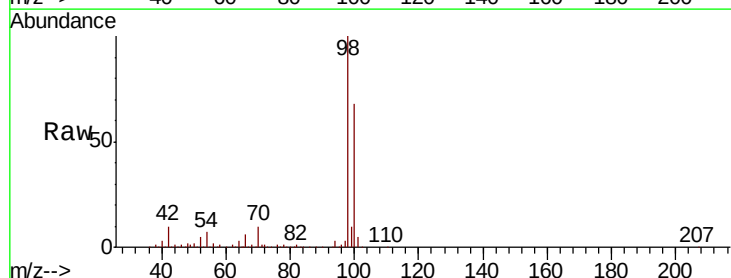


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

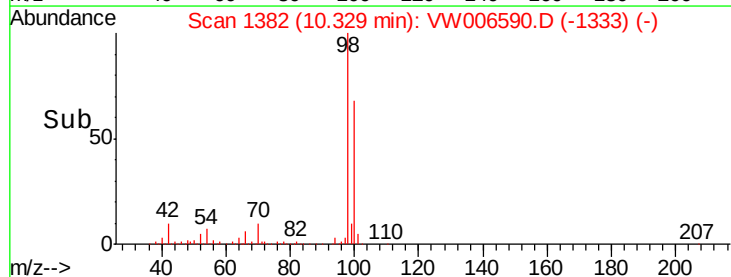
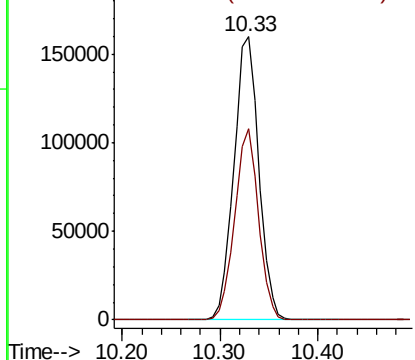


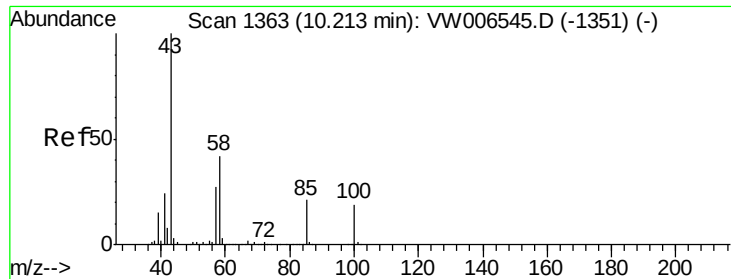
#50
Toluene-d8
Concen: 32.653 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006590.D
Acq: 02 Nov 2018 06:20

Tgt Ion: 98 Resp: 283003
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

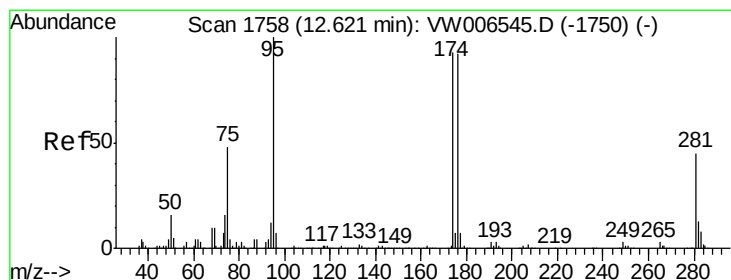
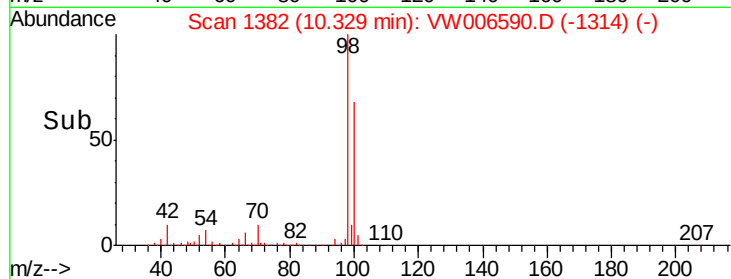
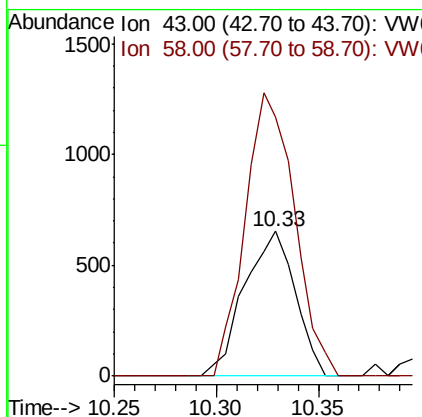
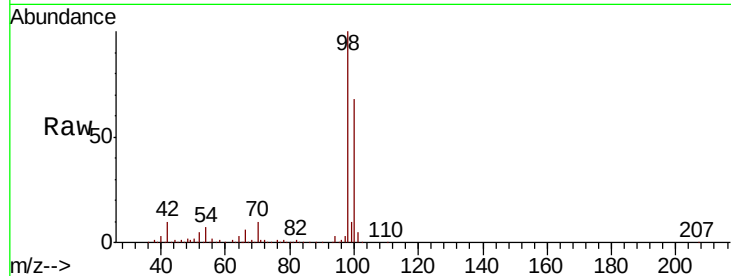




#51
 4-Methyl-2-Pentanone
 Concen: 1.003 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.12 min
 Lab File: VW006590.D
 Acq: 02 Nov 2018 06:20

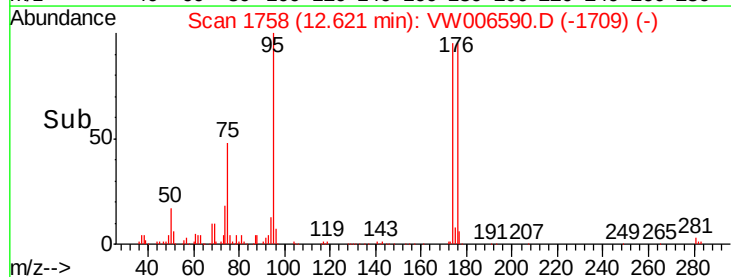
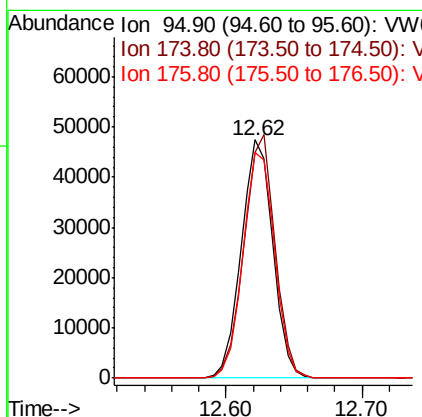
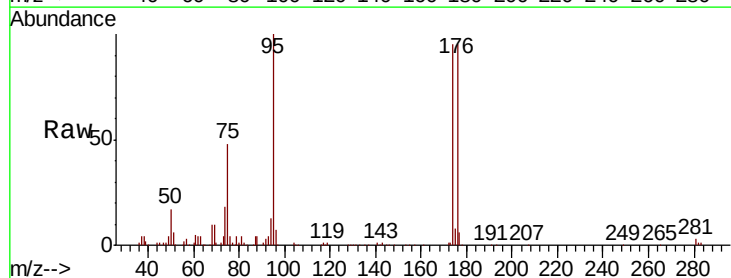
Instrument :
 MSVOA_W
 ClientSampled :
 TP-BRE

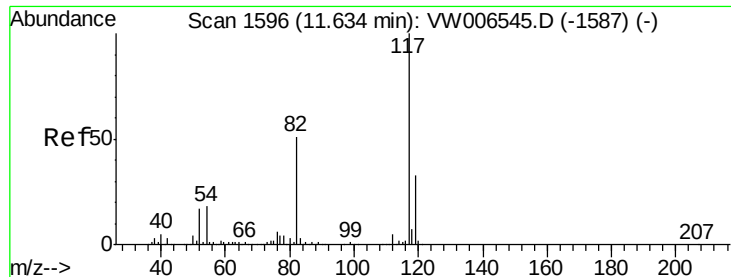
Tgt Ion: 43 Resp: 1136
 Ion Ratio Lower Upper
 43 100
 58 189.5 33.4 50.0#



#62
 4-Bromofluorobenzene
 Concen: 24.512 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006590.D
 Acq: 02 Nov 2018 06:20

Tgt Ion: 95 Resp: 77020
 Ion Ratio Lower Upper
 95 100
 174 100.5 0.0 192.4
 176 95.7 0.0 187.4

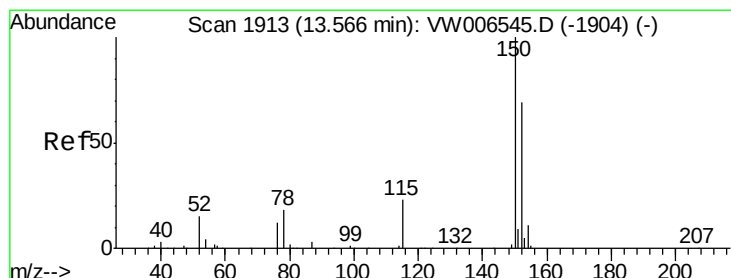
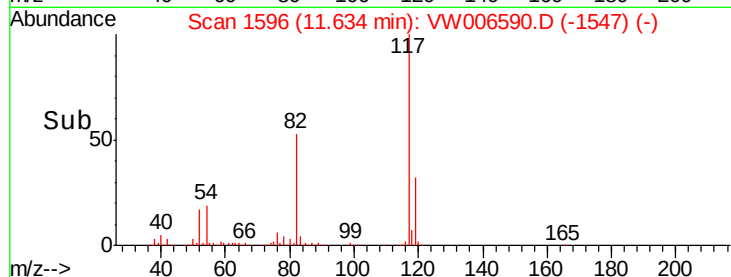
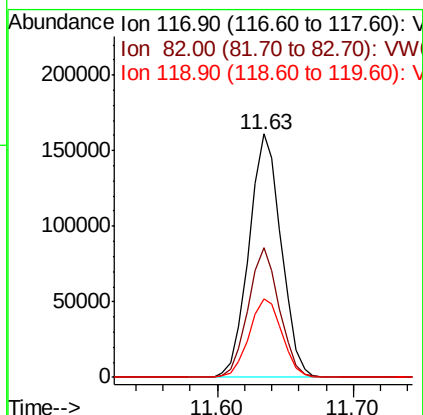
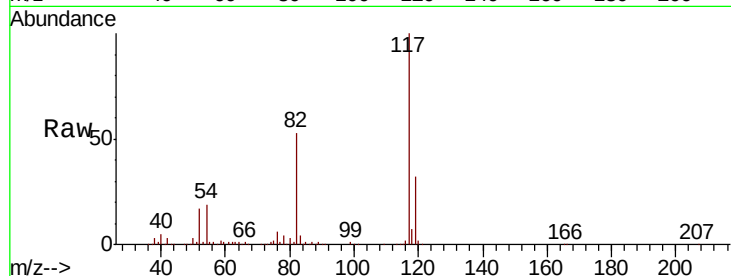




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006590.D
Acq: 02 Nov 2018 06:20

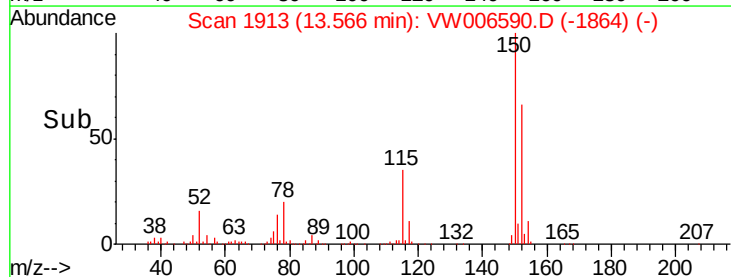
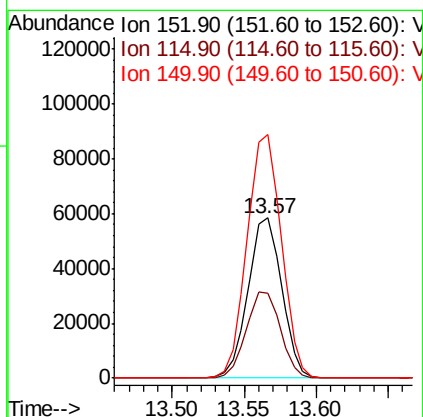
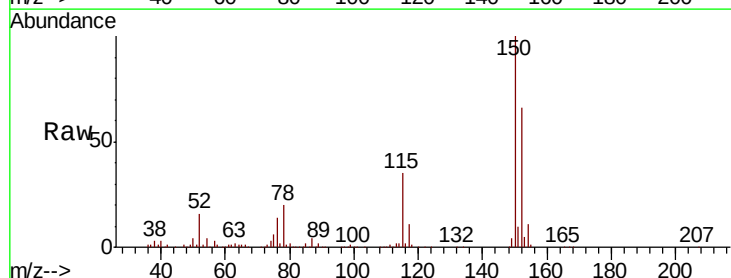
Instrument :
MSVOA_W
ClientSampleId :
TP-BRE

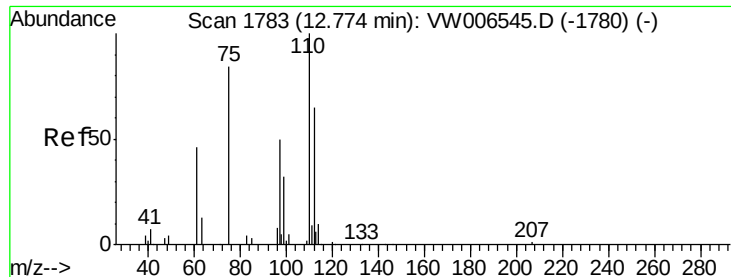
Tgt Ion:117 Resp: 267854
Ion Ratio Lower Upper
117 100
82 53.1 40.8 61.2
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006590.D
Acq: 02 Nov 2018 06:20

Tgt Ion:152 Resp: 94585
Ion Ratio Lower Upper
152 100
115 54.5 26.6 79.8
150 154.9 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 51.854 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006590.D

Acq: 02 Nov 2018 06:20

Instrument :

MSVOA_W

ClientSampled :

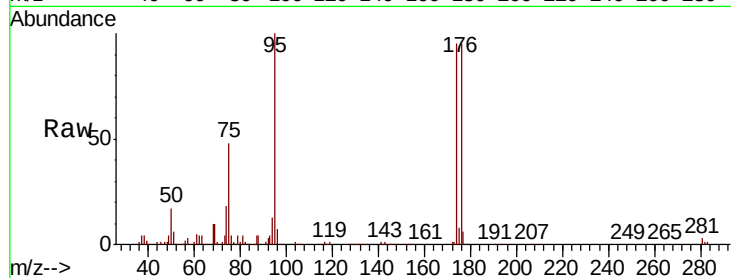
TP-BRE

Tgt Ion: 75 Resp: 38267

Ion Ratio Lower Upper

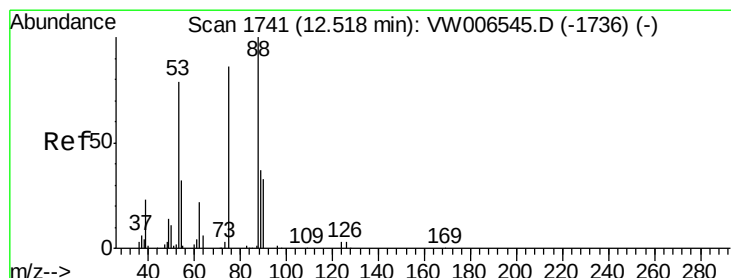
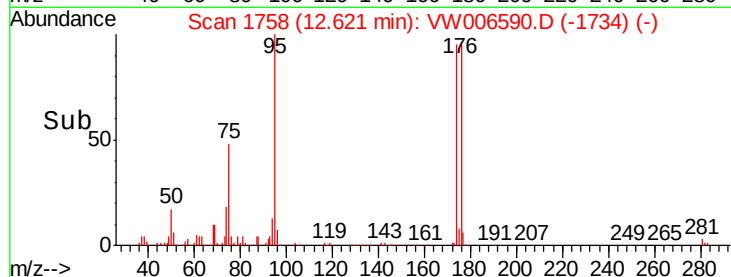
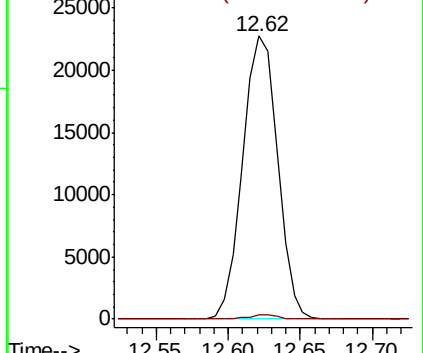
75 100

77 1.3 0.0 0.0#



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: 129.801 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006590.D

Acq: 02 Nov 2018 06:20

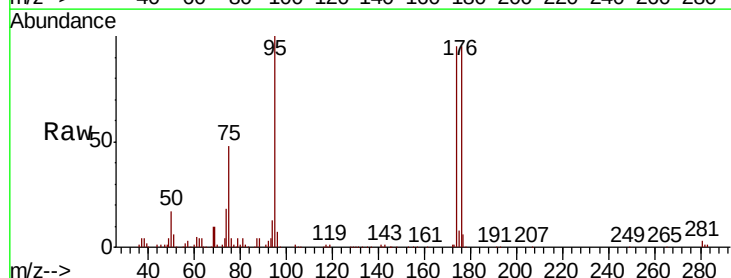
Tgt Ion: 75 Resp: 38267

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.0 38.6 58.0#



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

