

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006233.D
 Acq On : 19 Oct 2018 18:46
 Operator : VA/AP
 Sample : J5605-07RE
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-BRE

Quant Time: Oct 20 01:21:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	172891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	249467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	226900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	106149	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	83002	57.91	ug/l	0.00
Spiked Amount			Recovery	=	115.82%	
35) Dibromofluoromethane	7.88	113	77033	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
50) Toluene-d8	10.33	98	270767	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.62	95	95490	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	

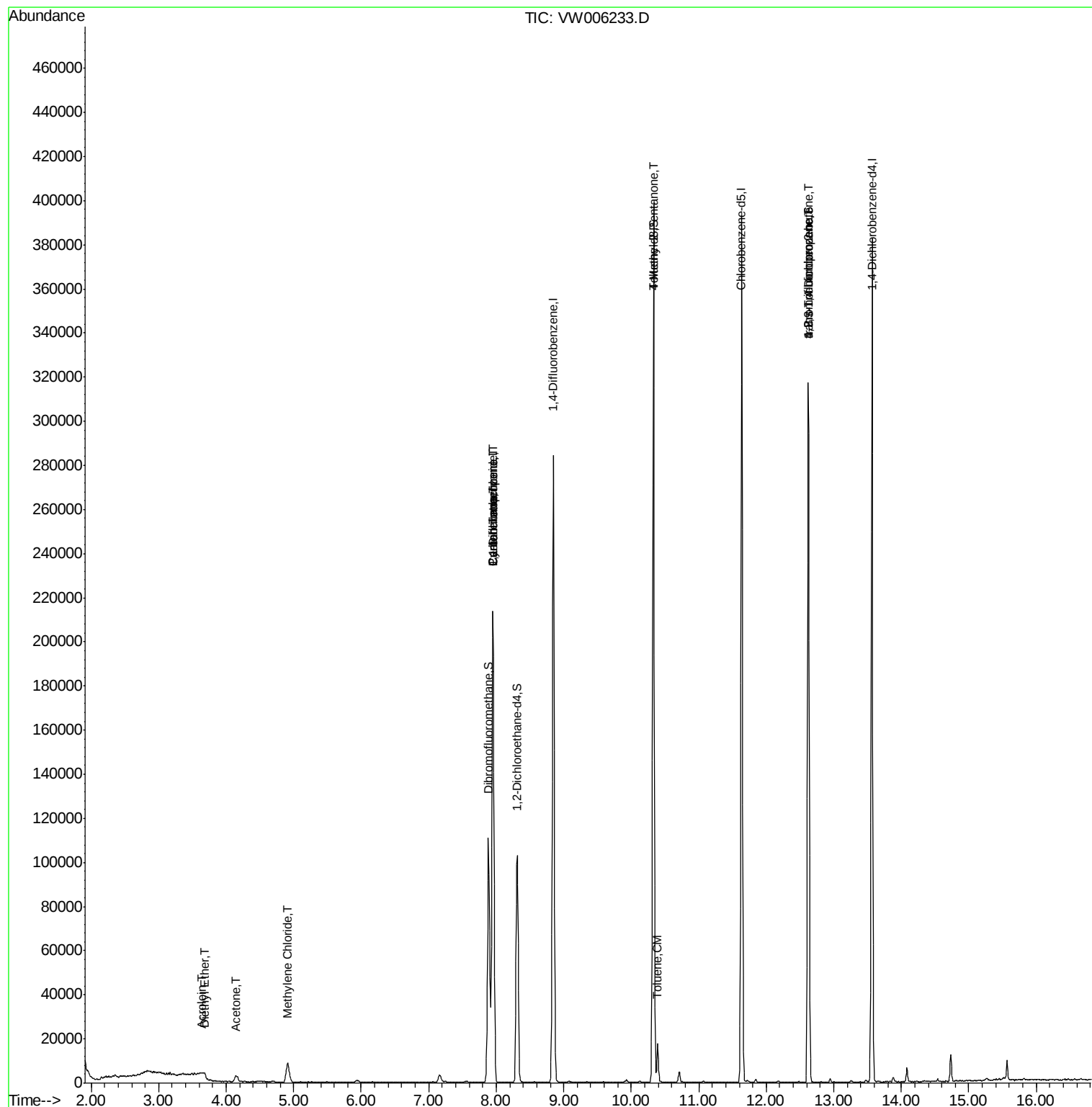
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	1504	1.932	ug/l #	1
13) Acrolein	3.64	56	120	1.286	ug/l #	16
16) Acetone	4.14	43	6242	8.938	ug/l	92
20) Methylene Chloride	4.91	84	7213	3.234	ug/l	91
31) Cyclohexane	7.95	56	3086	1.177	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	10862	4.724	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15500	6.149	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	1127	1.288	ug/l #	1
52) Toluene	10.39	92	6918	1.636	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	48501	59.821	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	48501	142.996	ug/l #	10

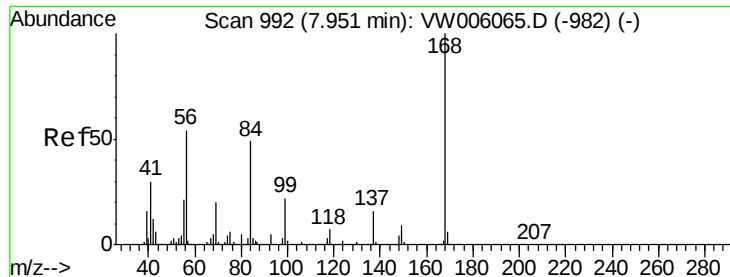
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006233.D
Acq On : 19 Oct 2018 18:46
Operator : VA/AP
Sample : J5605-07RE
Misc : 5.27G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-BRE

Quant Time: Oct 20 01:21:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

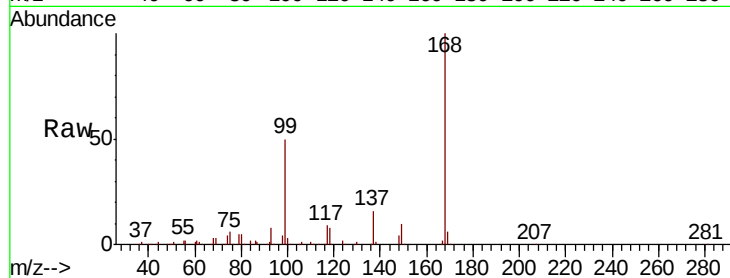
TP-BRE

Tot Ion:168 Resp: 172891

Ion Ratio Lower Upper

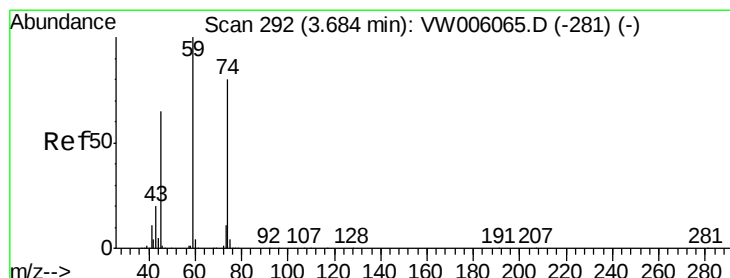
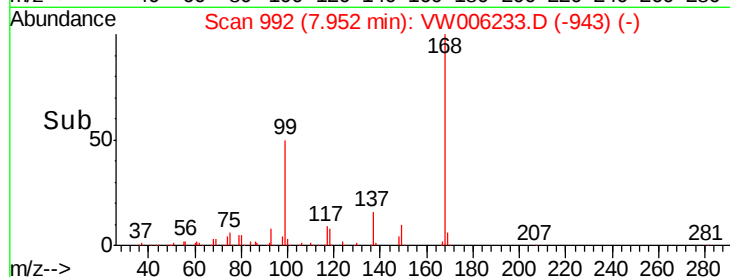
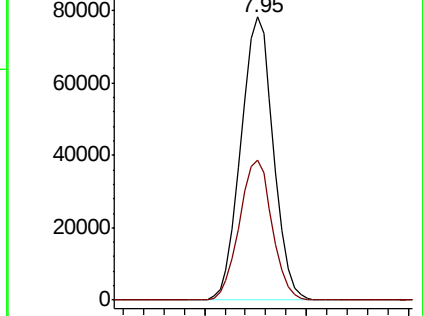
168 100

99 49.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.932 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006233.D

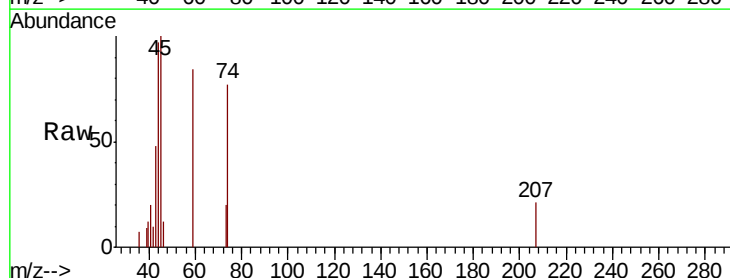
Acq: 19 Oct 2018 18:46

Tgt Ion: 74 Resp: 1504

Ion Ratio Lower Upper

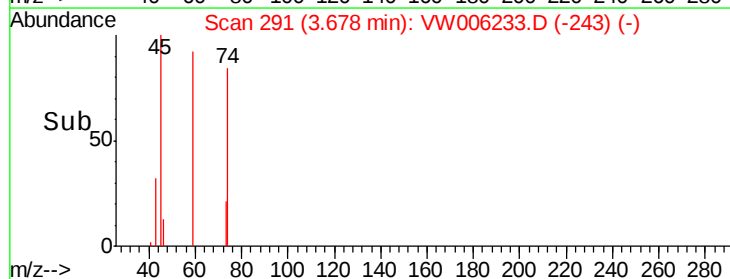
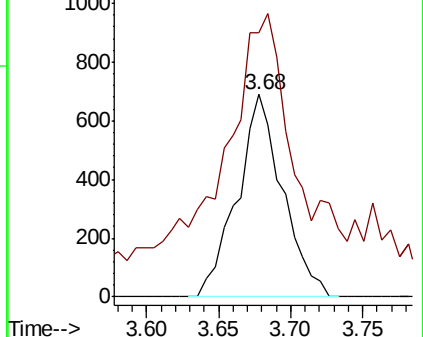
74 100

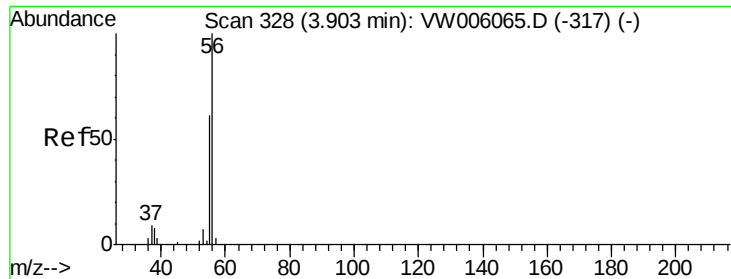
45 213.2 42.8 128.3#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#13

Acrolein

Concen: 1.286 ug/l

RT: 3.64 min Scan# 285

Delta R.T. -0.26 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampled :

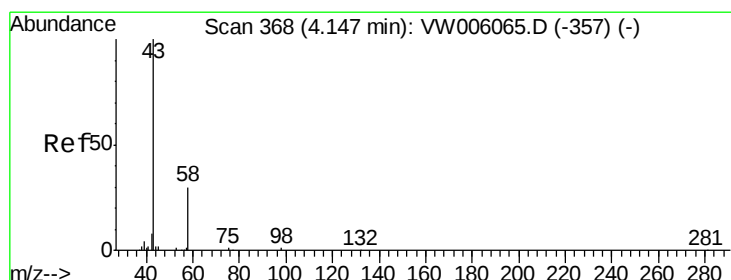
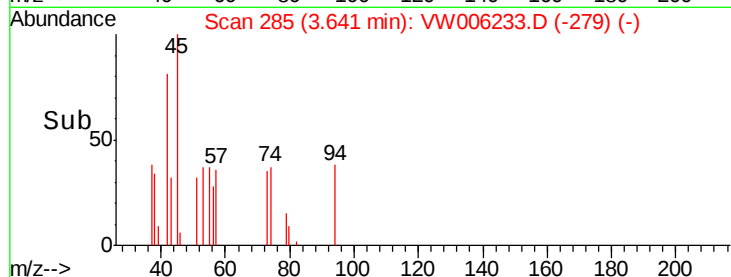
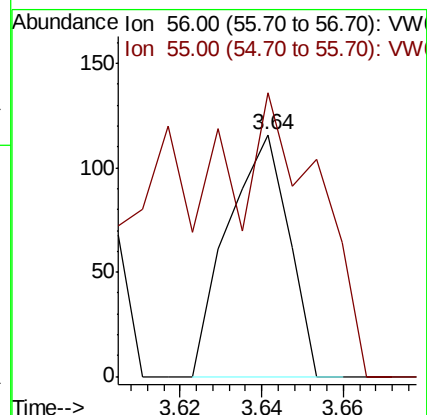
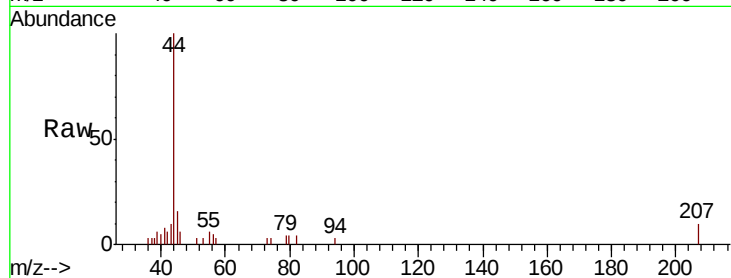
TP-BRE

Tot Ion: 56 Resp: 120

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#16

Acetone

Concen: 8.938 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006233.D

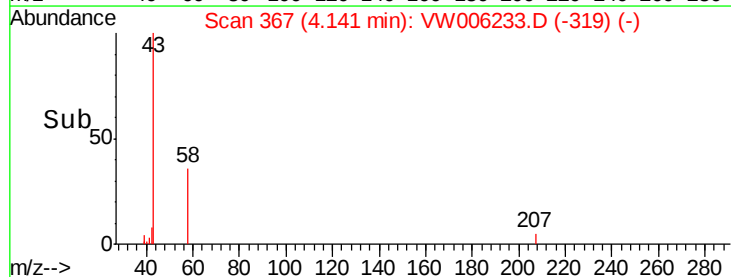
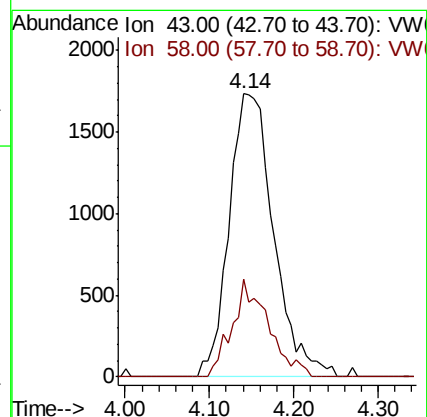
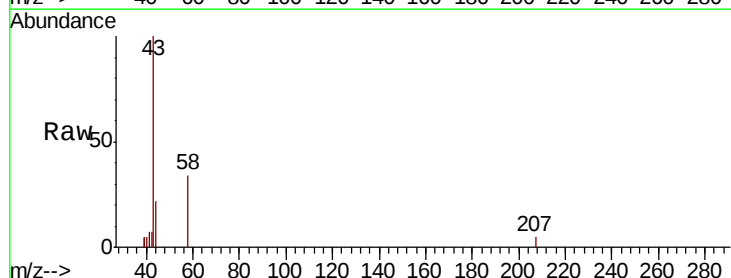
Acq: 19 Oct 2018 18:46

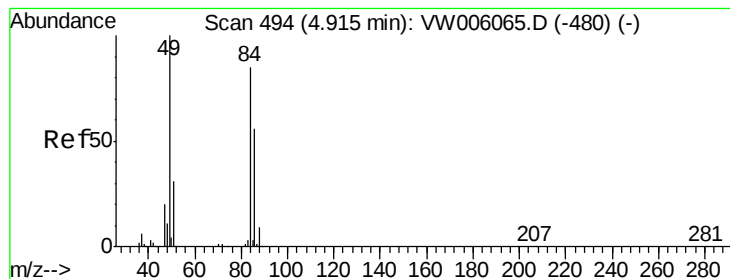
Tgt Ion: 43 Resp: 6242

Ion Ratio Lower Upper

43 100

58 34.4 24.0 36.0





#20

Methylene Chloride

Concen: 3.234 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

TP-BRE

Tot Ion: 84 Resp: 7213

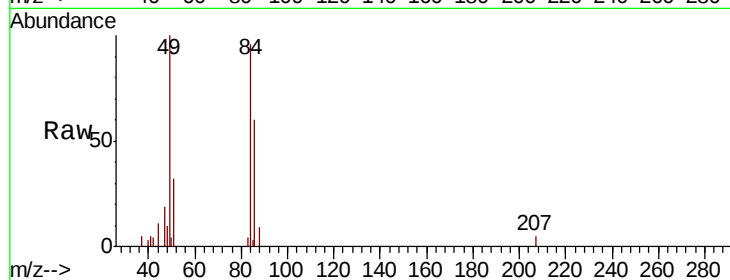
Ion Ratio Lower Upper

84 100

49 103.7 93.6 140.4

51 33.3 29.0 43.4

86 62.4 52.6 79.0

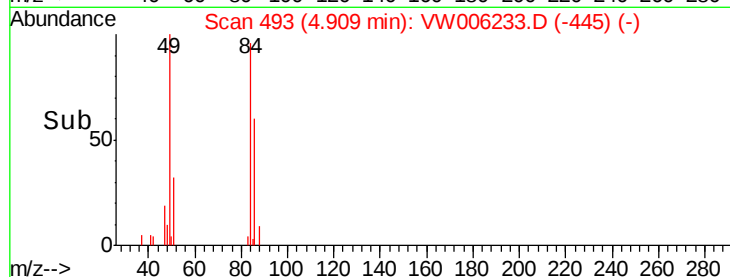
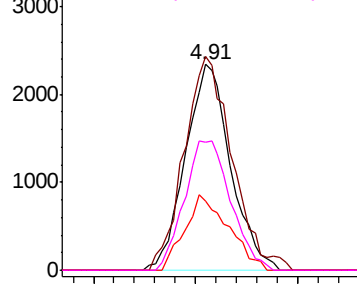


Abundance Ion 83.90 (83.60 to 84.60): VW

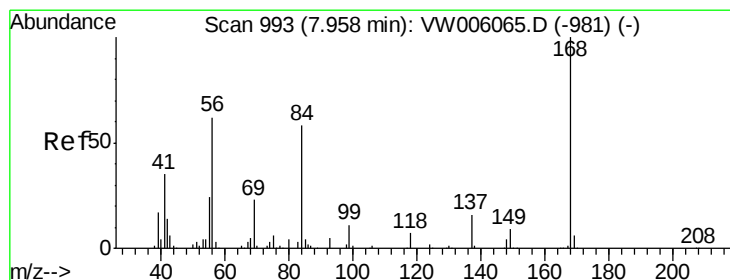
Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



Time-->



#31

Cyclohexane

Concen: 1.177 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

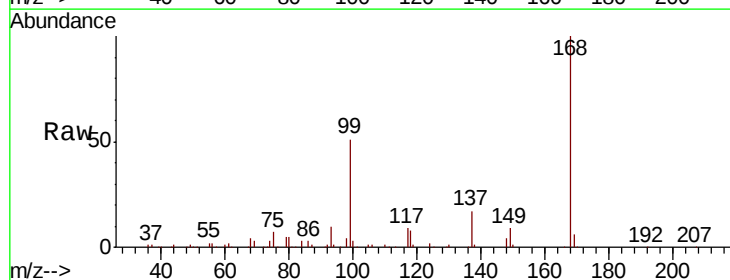
Tgt Ion: 56 Resp: 3086

Ion Ratio Lower Upper

56 100

69 143.3 29.4 44.0#

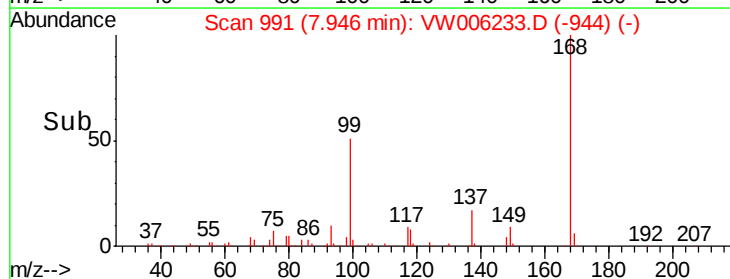
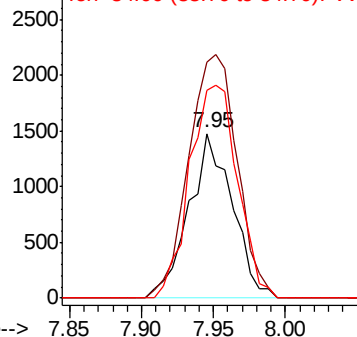
84 126.0 74.0 111.0#

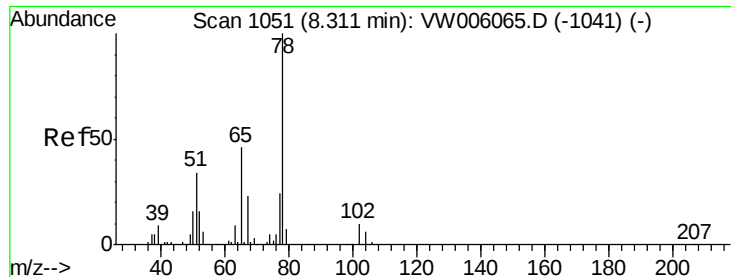


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 57.907 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

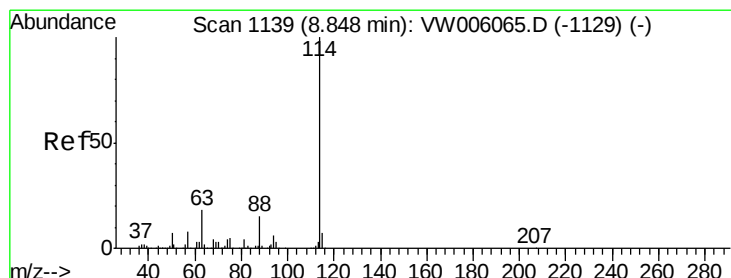
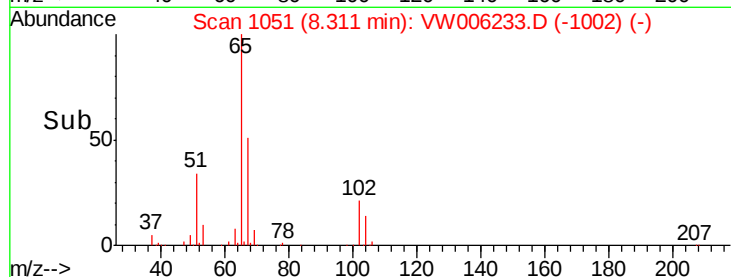
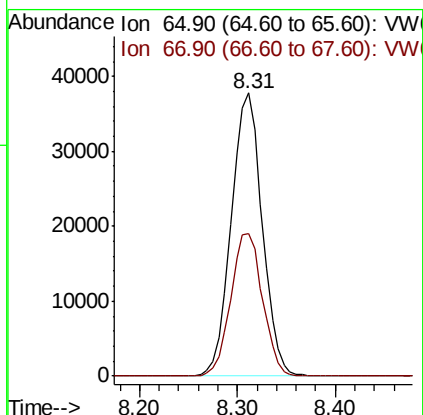
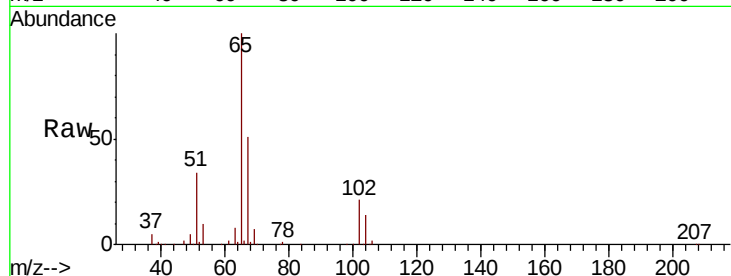
TP-BRE

Tot Ion: 65 Resp: 83002

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

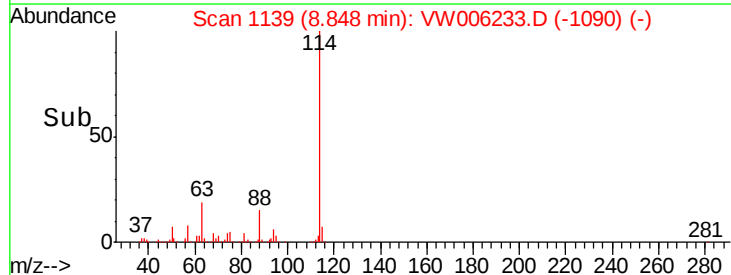
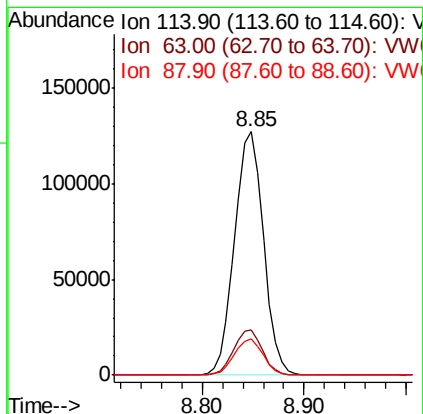
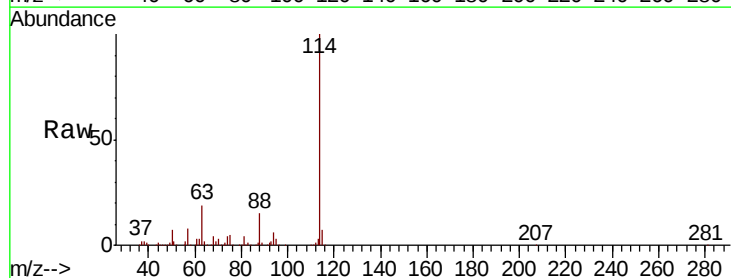
Tgt Ion: 114 Resp: 249467

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 14.8 0.0 29.0

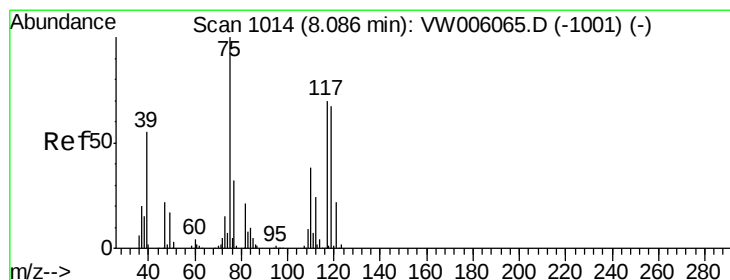
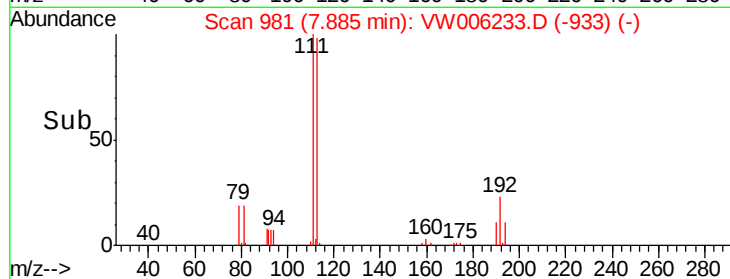
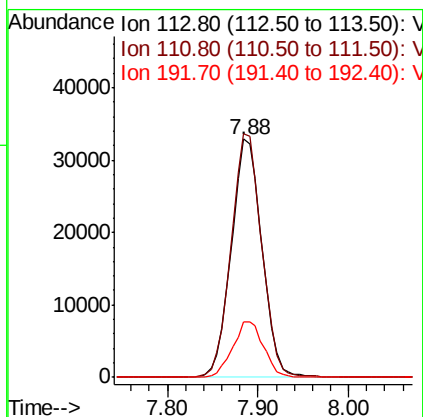
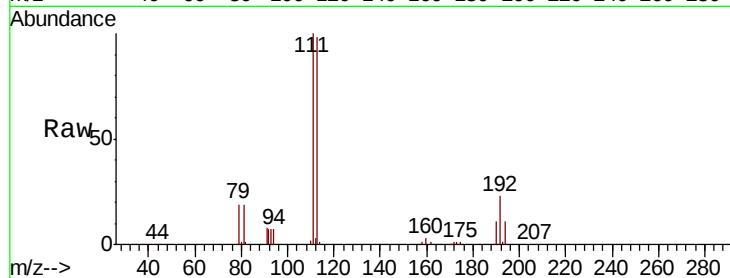




#35
 Dibromofluoromethane
 Concen: 52.258 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006233.D
 Acq: 19 Oct 2018 18:46

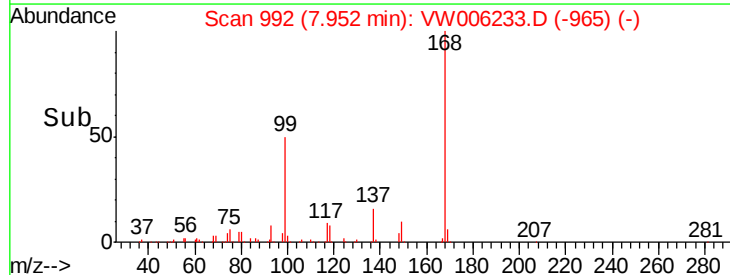
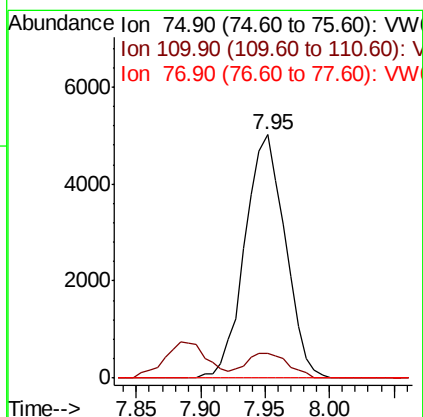
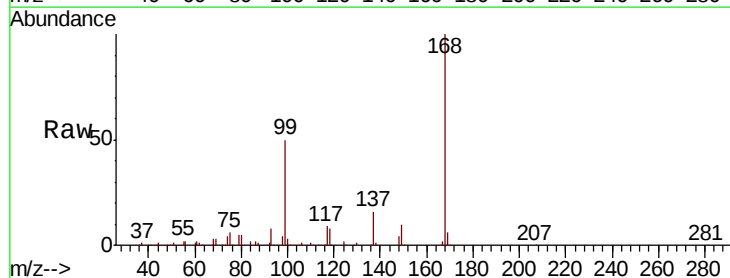
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-BRE

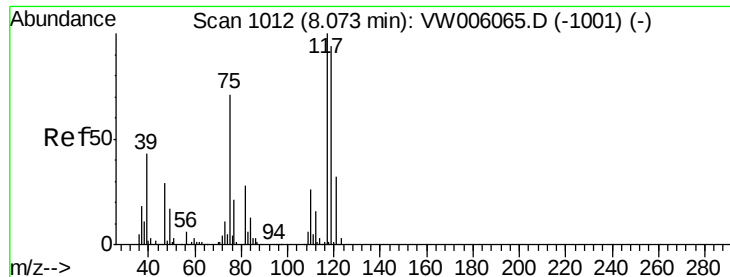
Tot Ion:113 Resp: 77033
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.4 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.724 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006233.D
 Acq: 19 Oct 2018 18:46

Tgt Ion: 75 Resp: 10862
 Ion Ratio Lower Upper
 75 100
 110 11.0 19.1 57.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.149 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

TP-BRE

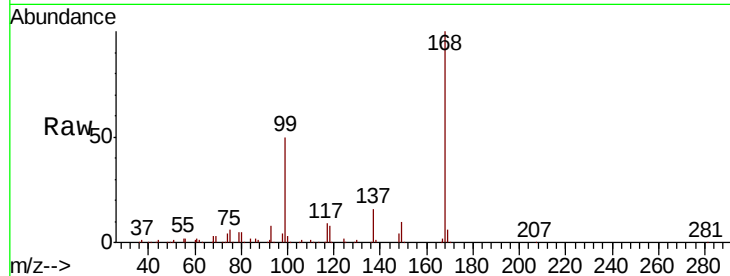
Tot Ion:117 Resp: 15500

Ion Ratio Lower Upper

117 100

119 3.9 75.2 112.8#

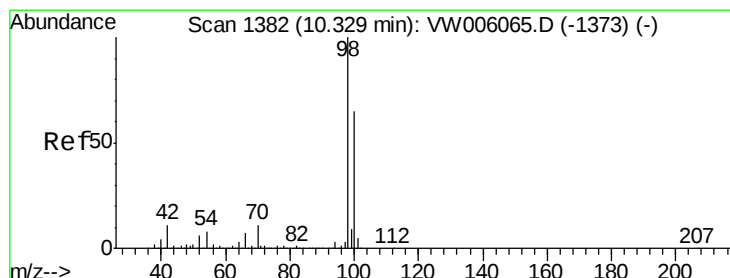
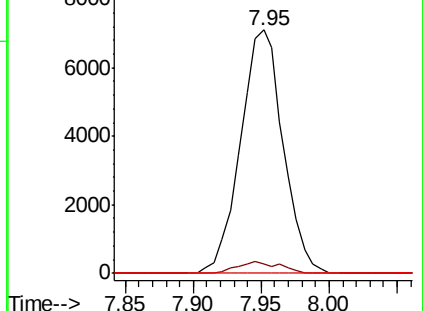
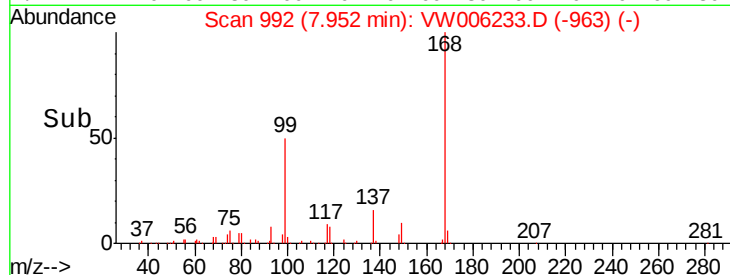
121 0.0 25.3 37.9#



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: 48.281 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006233.D

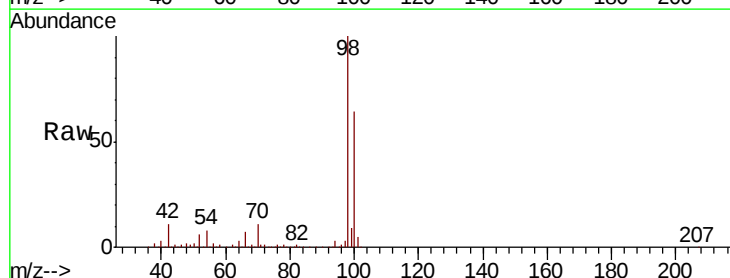
Acq: 19 Oct 2018 18:46

Tgt Ion: 98 Resp: 270767

Ion Ratio Lower Upper

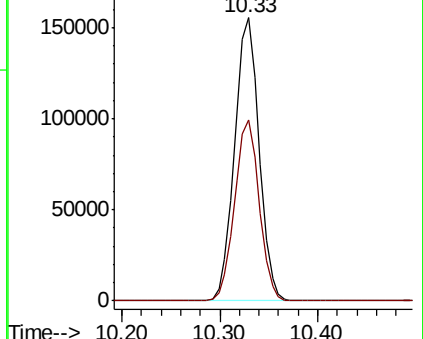
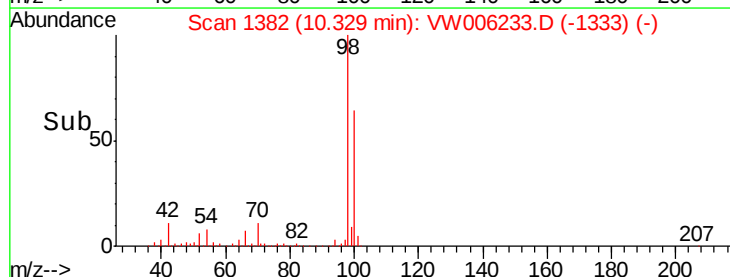
98 100

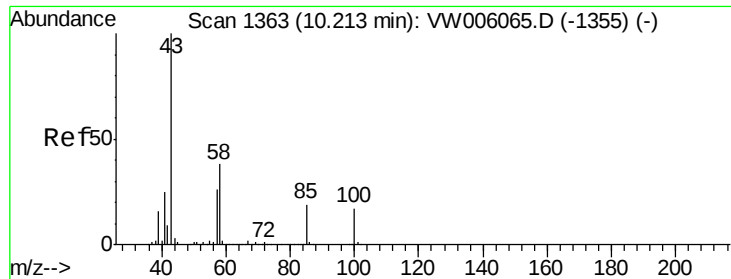
100 64.0 51.6 77.4



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: 1.288 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

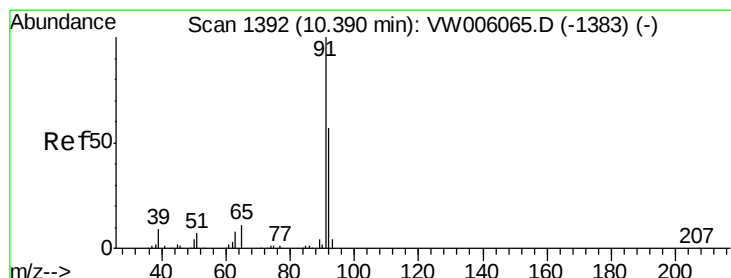
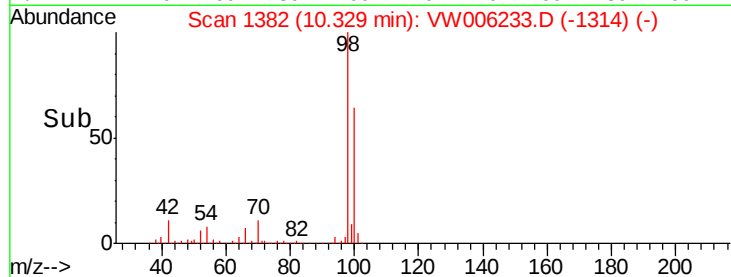
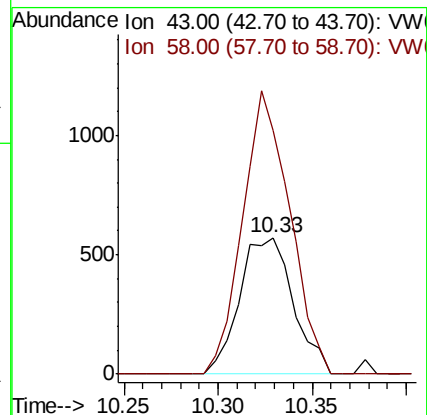
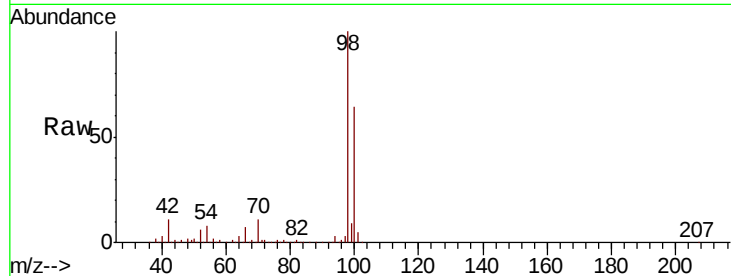
TP-BRE

Tot Ion: 43 Resp: 1127

Ion Ratio Lower Upper

43 100

58 182.8 31.5 47.3#



#52

Toluene

Concen: 1.636 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006233.D

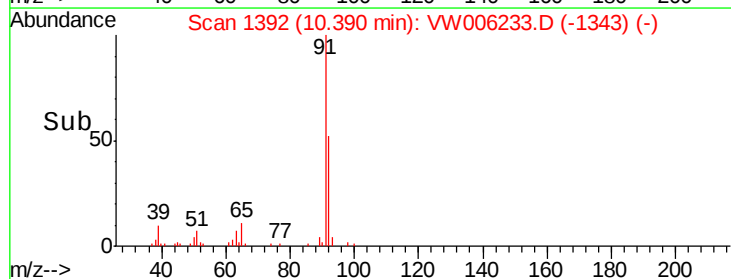
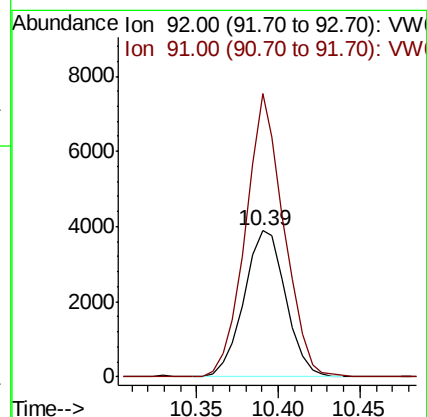
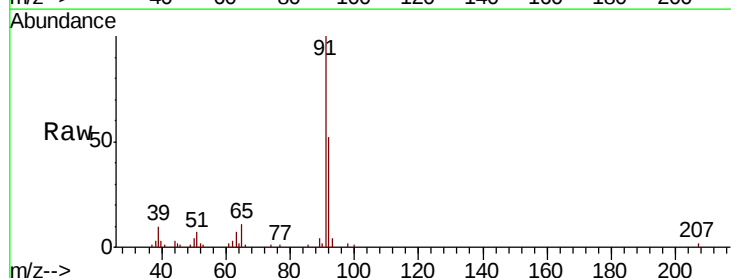
Acq: 19 Oct 2018 18:46

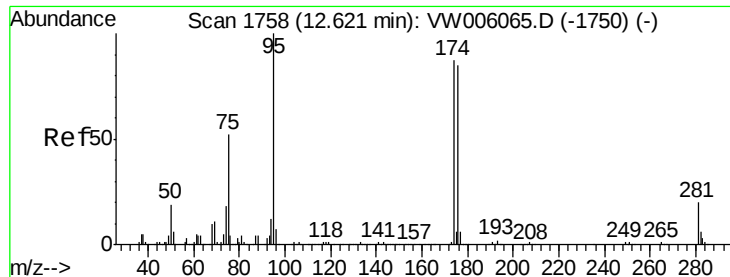
Tgt Ion: 92 Resp: 6918

Ion Ratio Lower Upper

92 100

91 177.9 140.0 210.0

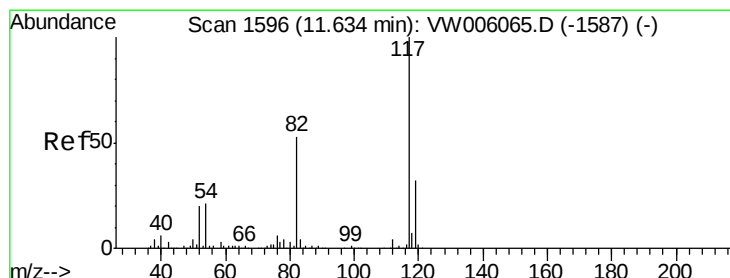
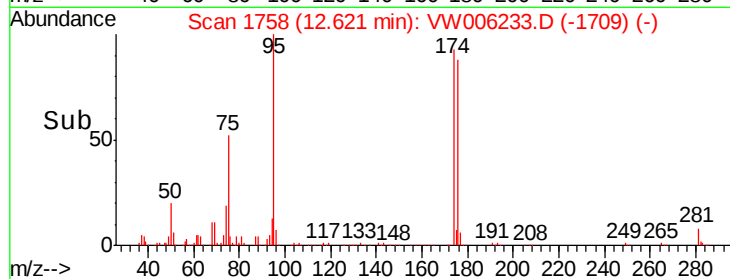
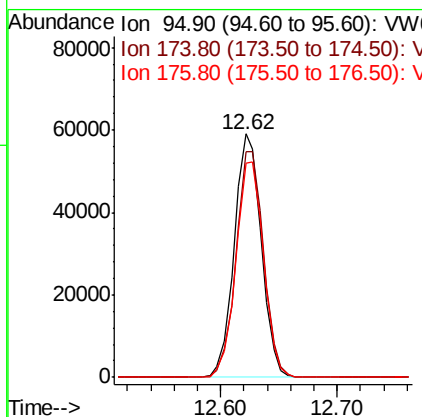
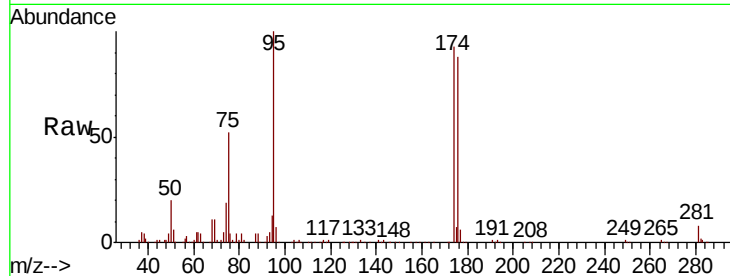




#62
4-Bromofluorobenzene
Concen: 45.334 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006233.D
Acq: 19 Oct 2018 18:46

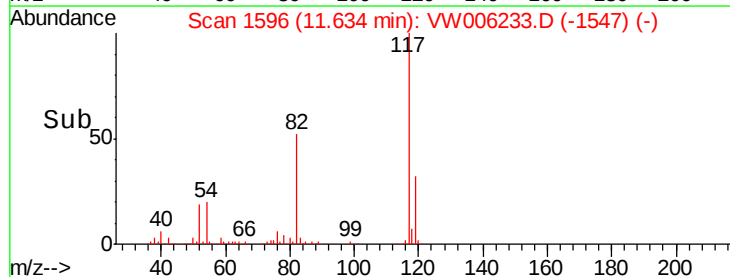
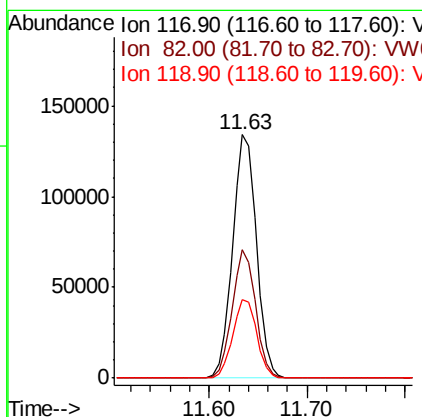
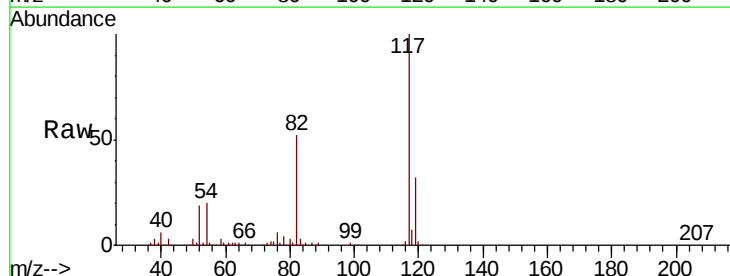
Instrument :
MSVOA_W
ClientSampleId :
TP-BRE

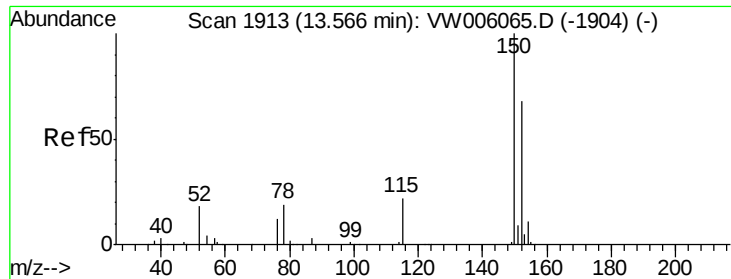
Tot Ion: 95 Resp: 95490
Ion Ratio Lower Upper
95 100
174 94.5 0.0 186.0
176 90.4 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006233.D
Acq: 19 Oct 2018 18:46

Tgt Ion: 117 Resp: 226900
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 32.4 25.8 38.6



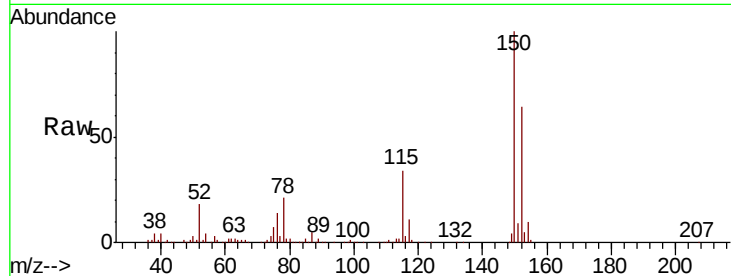


#72

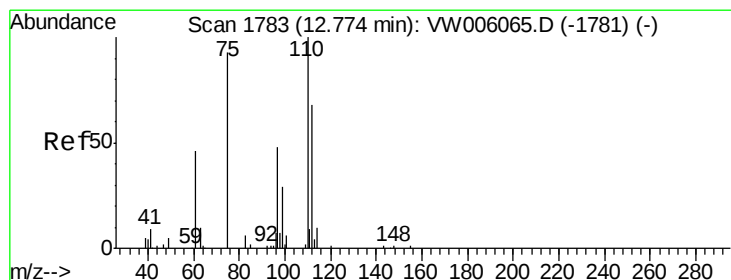
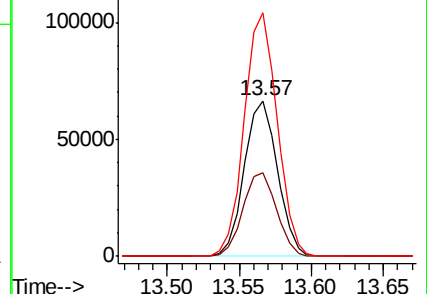
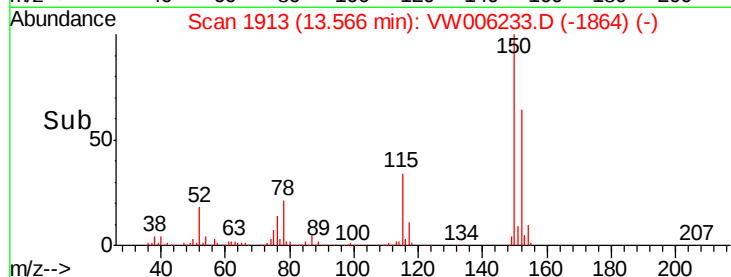
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006233.D
Acq: 19 Oct 2018 18:46

Instrument :
MSVOA_W
ClientSampled :
TP-BRE

Tot Ion:152 Resp: 106149
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.3
150 155.5 0.0 349.2



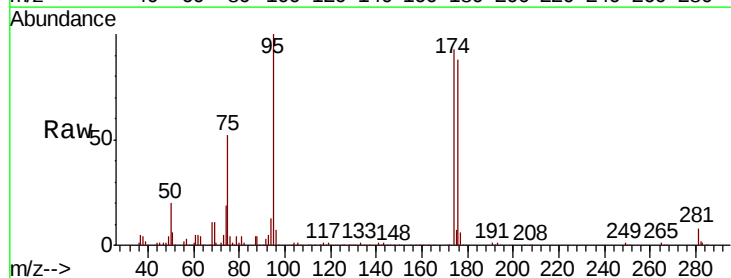
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



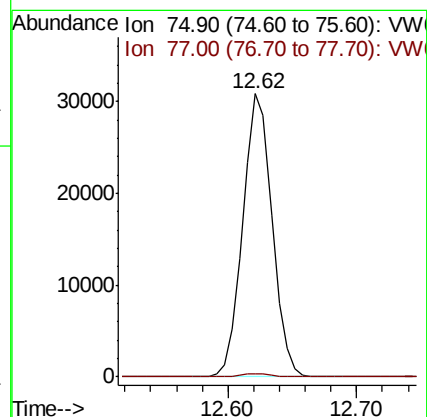
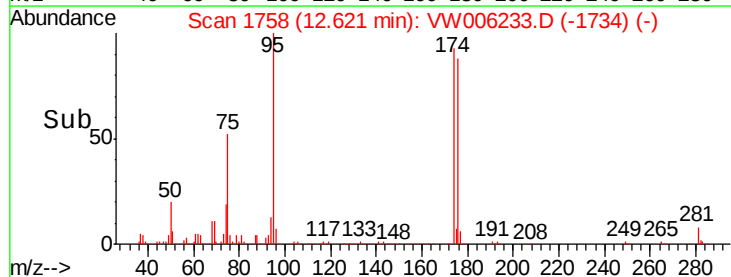
#76

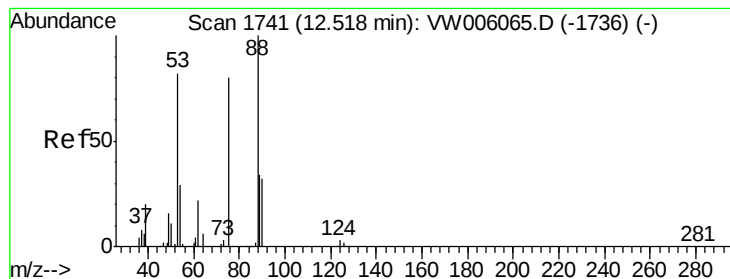
1,2,3-Trichloropropane
Concen: 59.821 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006233.D
Acq: 19 Oct 2018 18:46

Tgt Ion: 75 Resp: 48501
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: 142.996 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006233.D

Acq: 19 Oct 2018 18:46

Instrument :

MSVOA_W

ClientSampleId :

TP-BRE

Tot Ion: 75 Resp: 48501

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#

