

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005846.D
 Acq On : 04 Oct 2018 09:38
 Operator : SY/AP
 Sample : J5192-03RE
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-100218-BRE

Quant Time: Oct 04 10:59:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

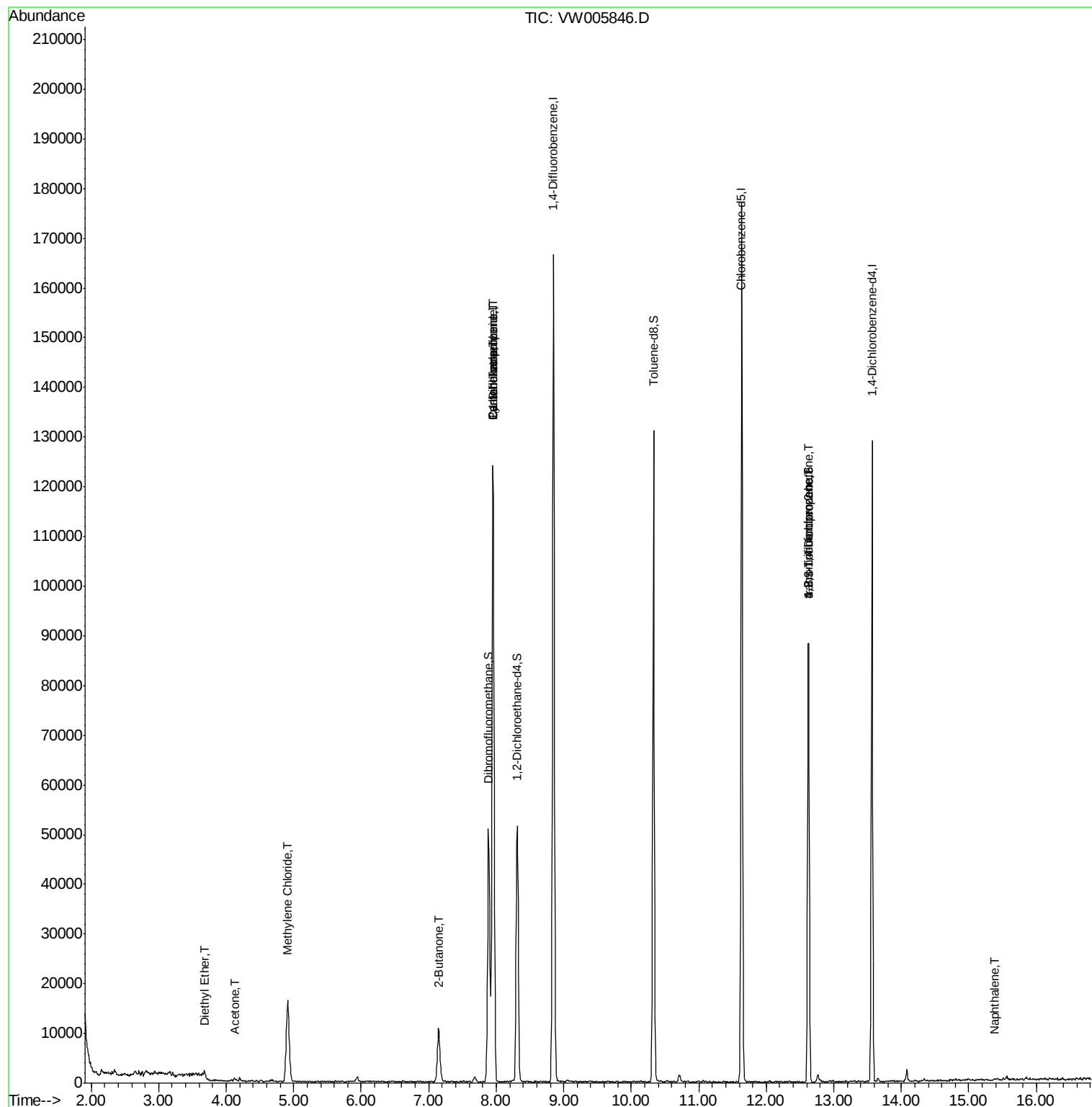
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	93477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	138909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	34829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	44600	39.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.66%	
35) Dibromofluoromethane	7.88	113	35764	39.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.56%	
50) Toluene-d8	10.33	98	85921	23.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.54%	
62) 4-Bromofluorobenzene	12.63	95	28820	21.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.14%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	909	1.850	ug/l	84
16) Acetone	4.13	43	980	5.178	ug/l	97
20) Methylene Chloride	4.91	84	12240	4.955	ug/l	97
25) 2-Butanone	7.16	43	572	2.149	ug/l #	49
31) Cyclohexane	7.95	56	2231	1.438	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	6942	5.028	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9374	6.093	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	14624	46.201	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	14624	116.787	ug/l #	8
95) Naphthalene	15.38	128	409	2.382	ug/l #	68

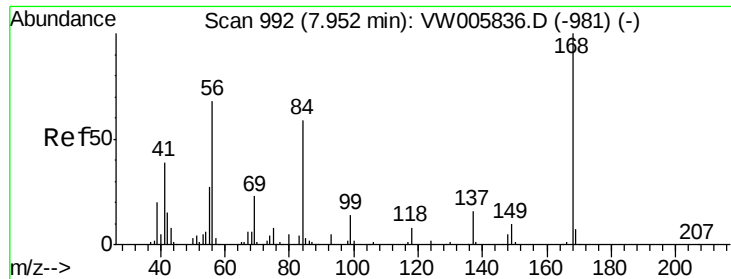
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100418\
Data File : VW005846.D
Acq On : 04 Oct 2018 09:38
Operator : SY/AP
Sample : J5192-03RE
Misc : 6.18G/5ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AU-05-100218-BRE

Quant Time: Oct 04 10:59:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 07:08:57 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: VW005846.D

Acq: 04 Oct 2018 09:38

Instrument :

MSVOA_W

ClientSampleId :

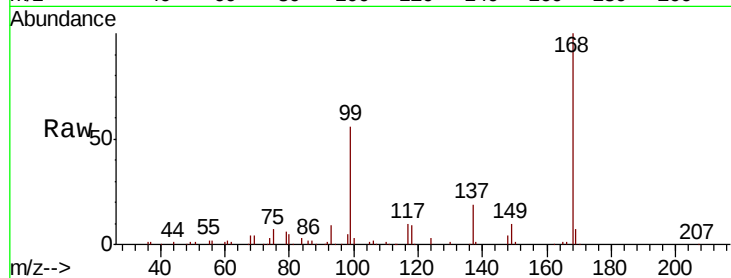
AU-05-100218-BRE

Tot Ion:168 Resp: 93477

Ion Ratio Lower Upper

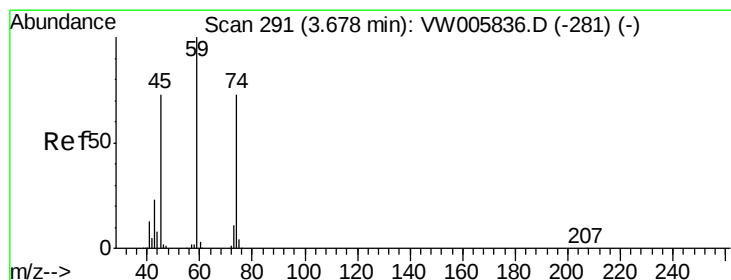
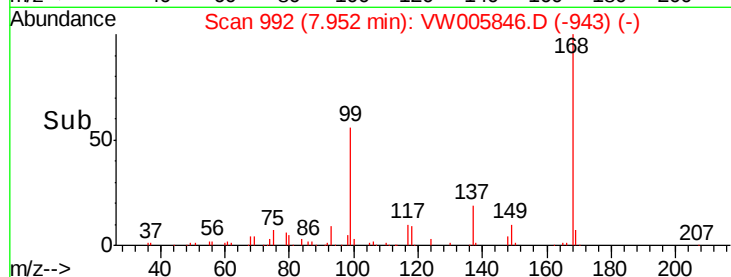
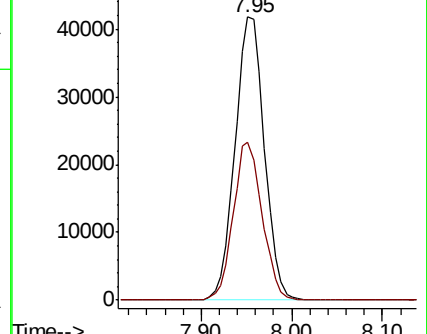
168 100

99 55.6 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.850 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005846.D

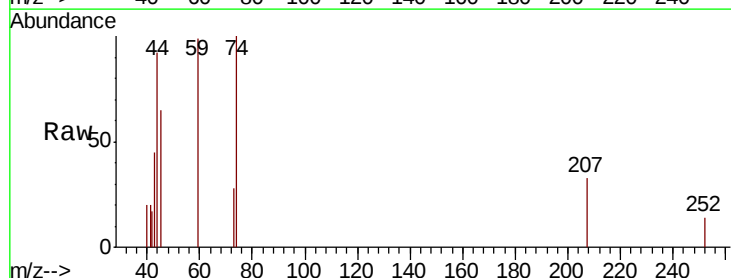
Acq: 04 Oct 2018 09:38

Tgt Ion: 74 Resp: 909

Ion Ratio Lower Upper

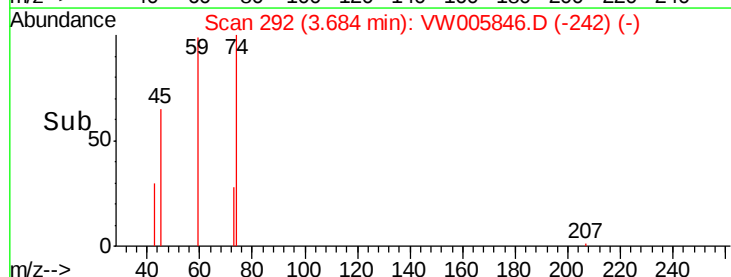
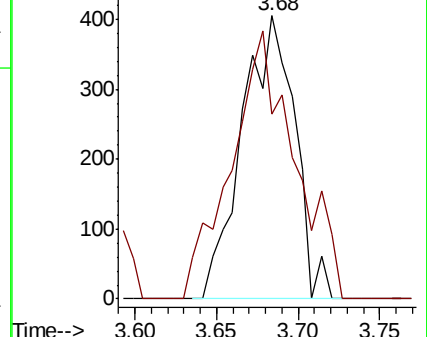
74 100

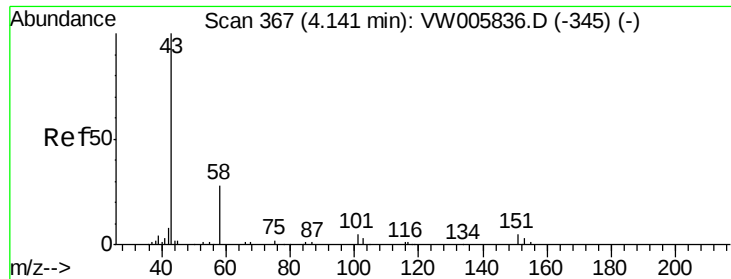
45 114.6 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

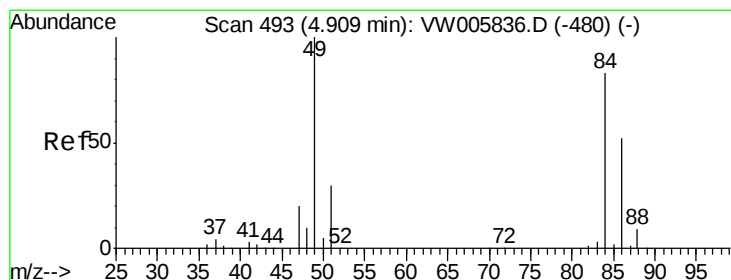
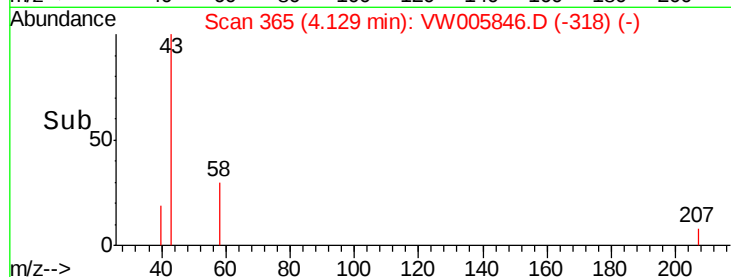
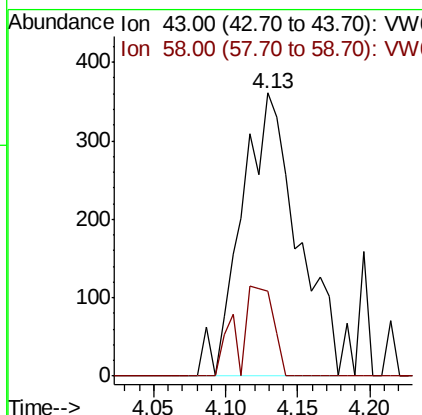
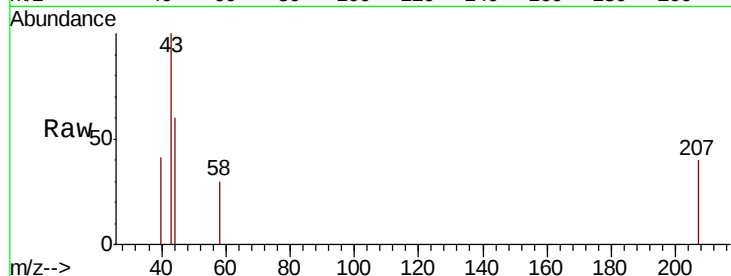




#16
Acetone
Concen: 5.178 ug/l
RT: 4.13 min Scan# 365
Delta R.T. -0.01 min
Lab File: VW005846.D
Acq: 04 Oct 2018 09:38

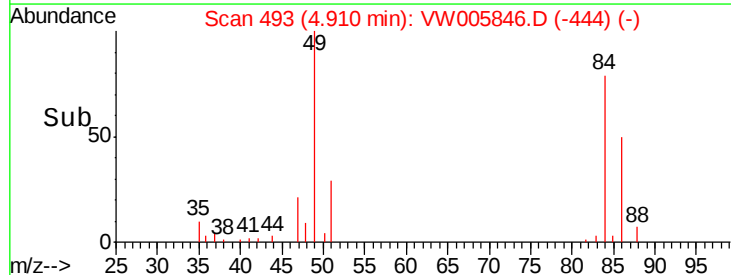
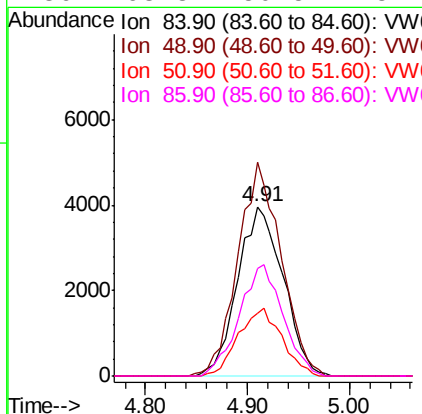
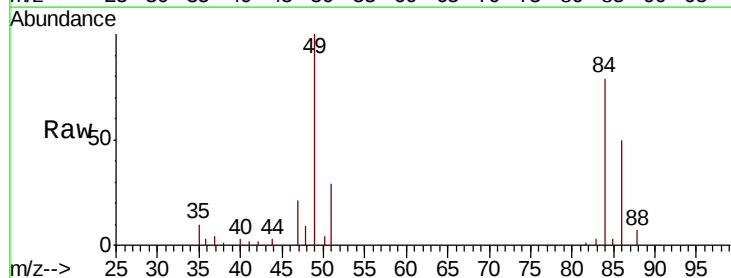
Instrument :
MSVOA_W
ClientSampleId :
AU-05-100218-BRE

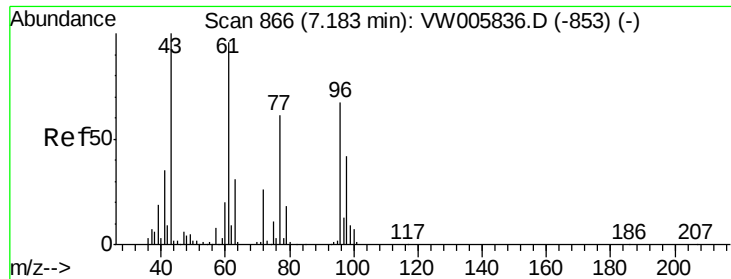
Tot Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 30.2 23.0 34.4



#20
Methylene Chloride
Concen: 4.955 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005846.D
Acq: 04 Oct 2018 09:38

Tgt Ion: 84 Resp: 12240
Ion Ratio Lower Upper
84 100
49 126.4 96.8 145.2
51 37.2 28.8 43.2
86 63.8 50.5 75.7





#25

2-Butanone

Concen: 2.149 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

Instrument :

MSVOA_W

ClientSampleId :

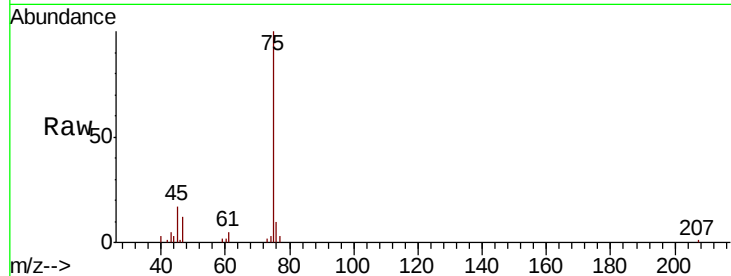
AU-05-100218-BRE

Tot Ion: 43 Resp: 572

Ion Ratio Lower Upper

43 100

72 0.0 20.9 31.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.16

250

200

150

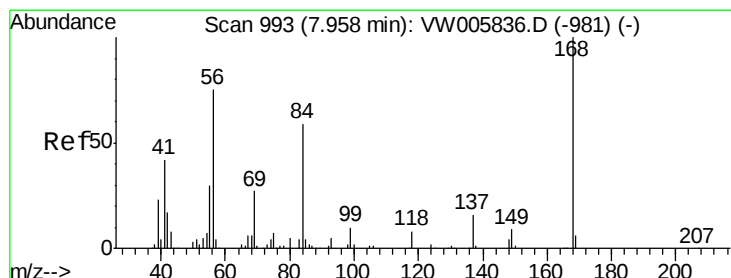
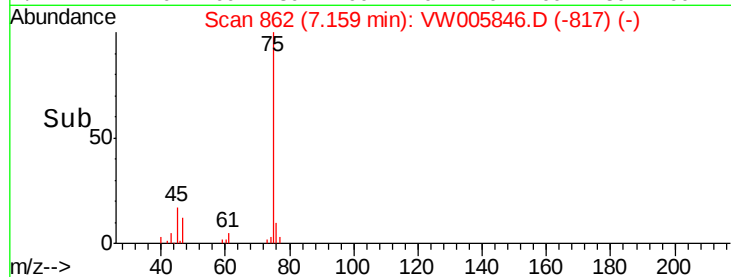
100

50

0

7.10 7.15 7.20

Time-->



#31

Cyclohexane

Concen: 1.438 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

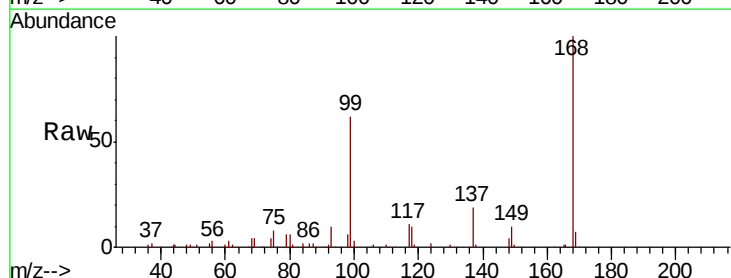
Tgt Ion: 56 Resp: 2231

Ion Ratio Lower Upper

56 100

69 158.0 29.0 43.4#

84 89.4 63.5 95.3



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

2000

1500

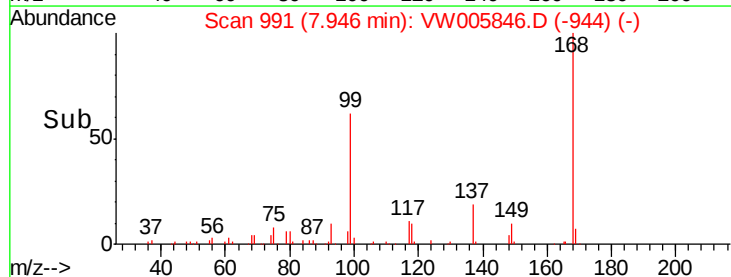
1000

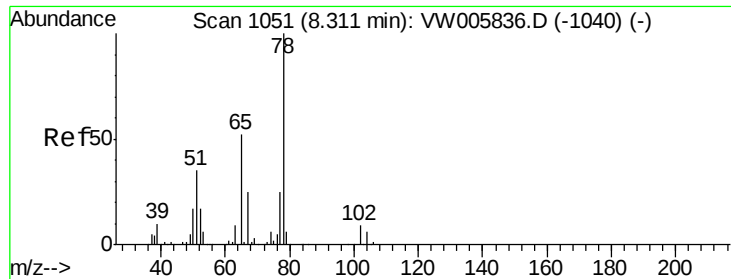
500

0

7.90 7.95 8.00

Time-->

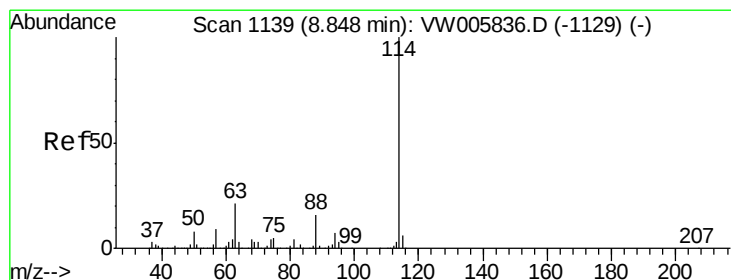
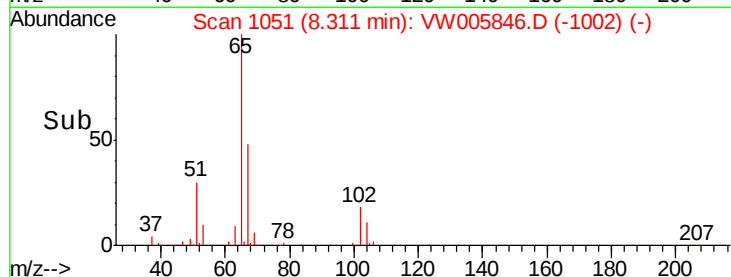
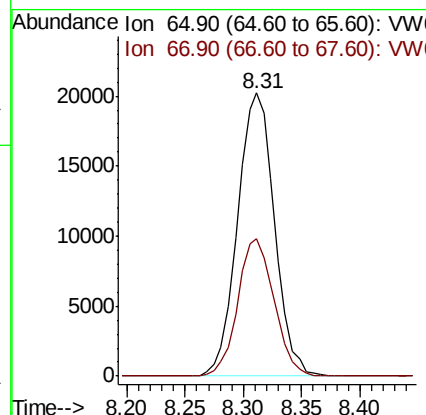
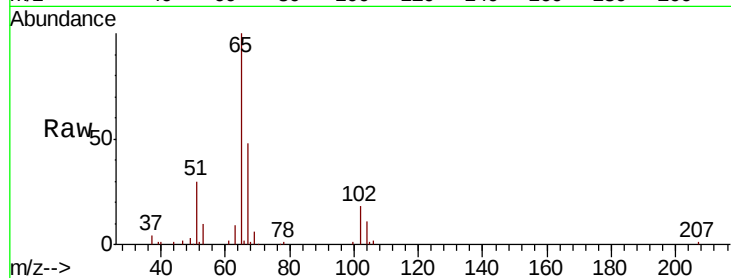




#33
 1,2-Dichloroethane-d4
 Concen: 39.329 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW005846.D
 Acq: 04 Oct 2018 09:38

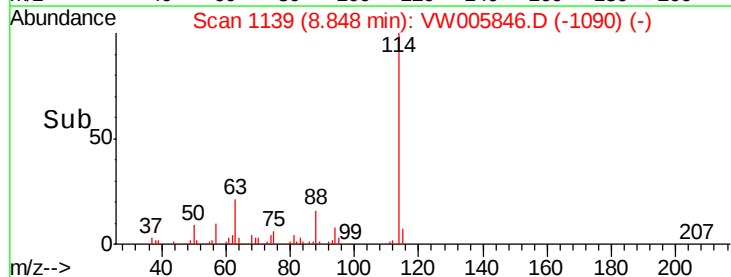
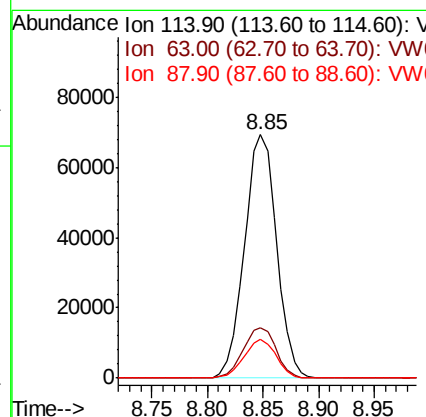
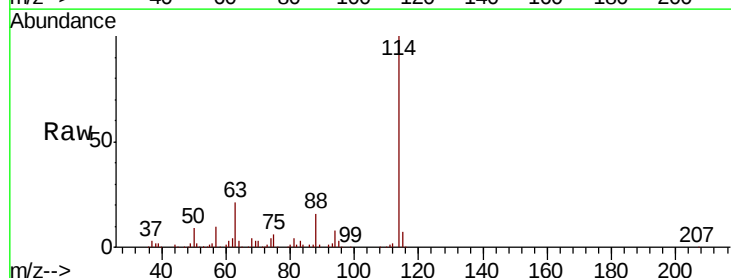
Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-100218-BRE

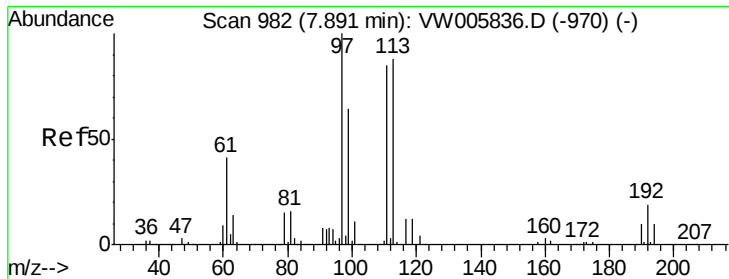
Tot Ion: 65 Resp: 44600
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005846.D
 Acq: 04 Oct 2018 09:38

Tgt Ion: 114 Resp: 138909
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.0
 88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 39.281 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

Instrument :

MSVOA_W

ClientSampleId :

AU-05-100218-BRE

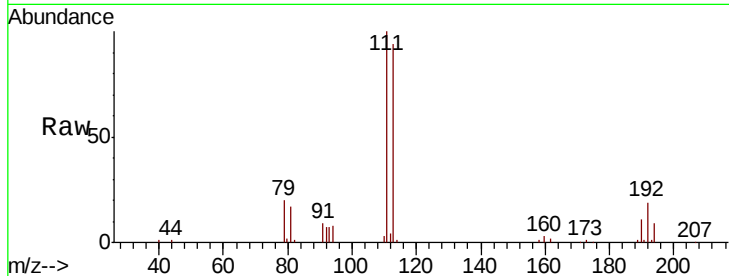
Tot Ion:113 Resp: 35764

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.2

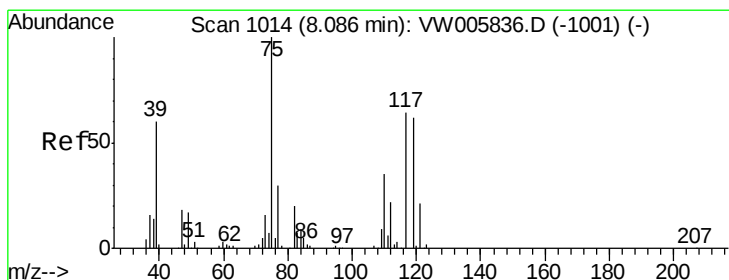
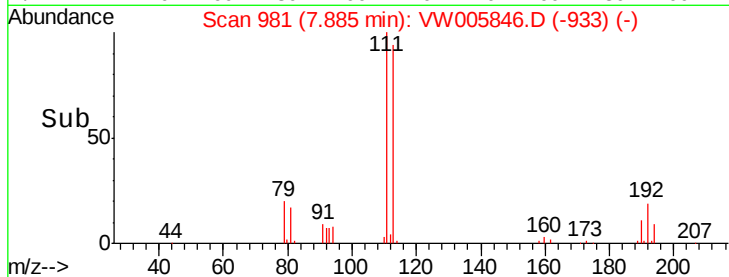
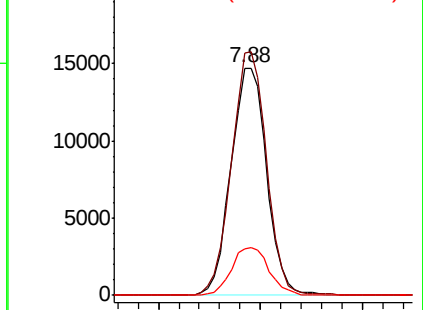
192 22.1 17.3 25.9



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: 5.028 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

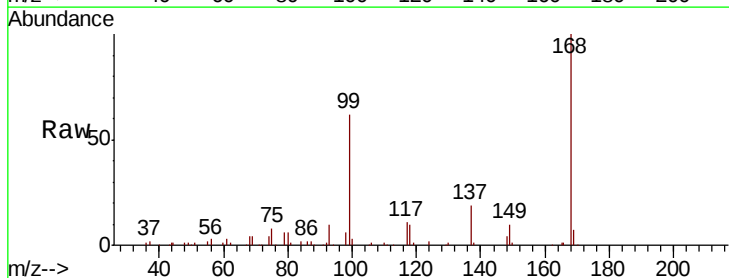
Tgt Ion: 75 Resp: 6942

Ion Ratio Lower Upper

75 100

110 9.3 17.5 52.6#

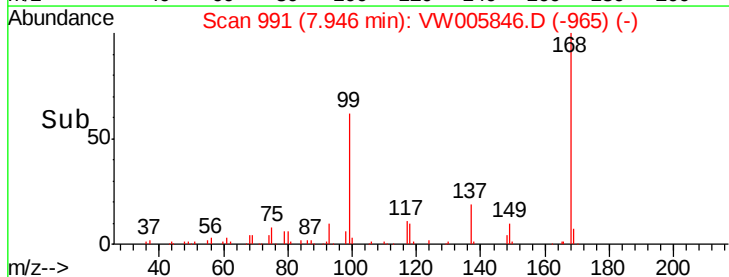
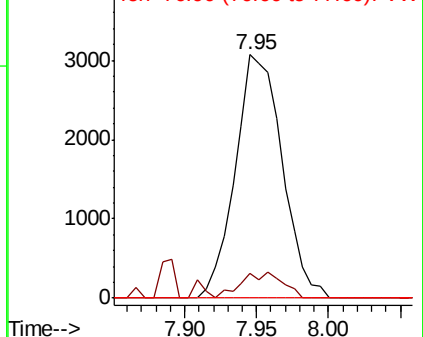
77 0.0 24.8 37.2#

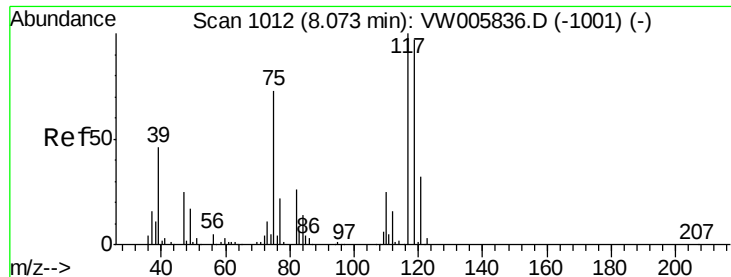


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

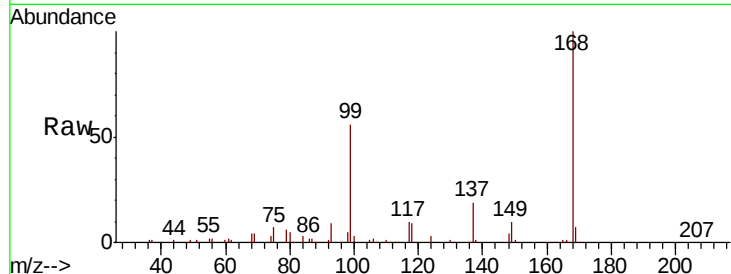




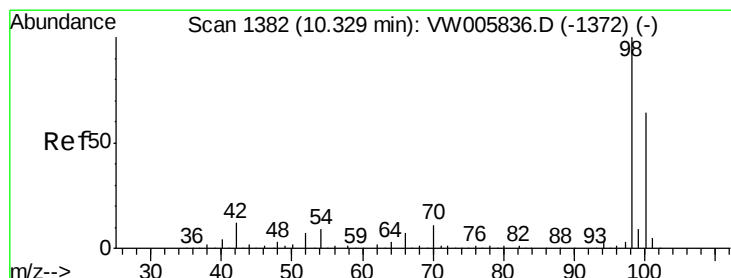
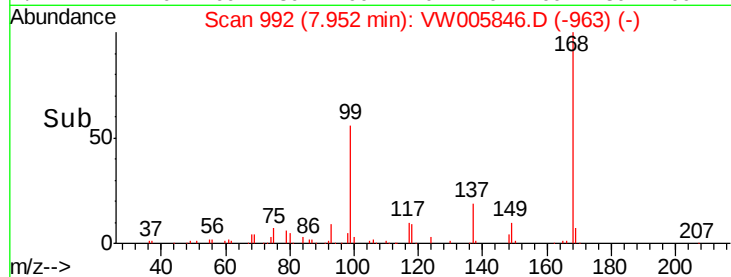
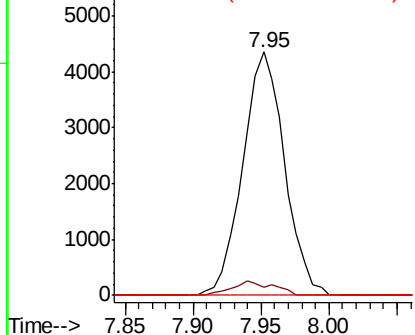
#38
Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW005846.D
Acq: 04 Oct 2018 09:38

Instrument :
MSVOA_W
ClientSampleId :
AU-05-100218-BRE

Tot Ion:117 Resp: 9374
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 25.2 37.8#

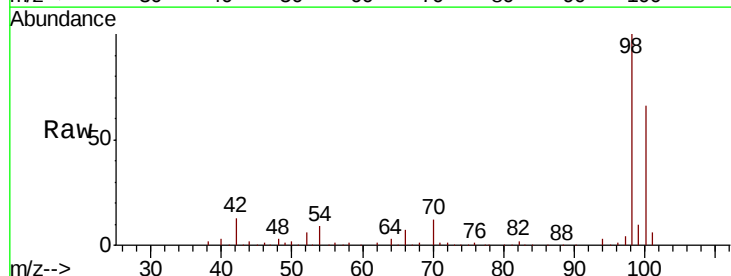


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

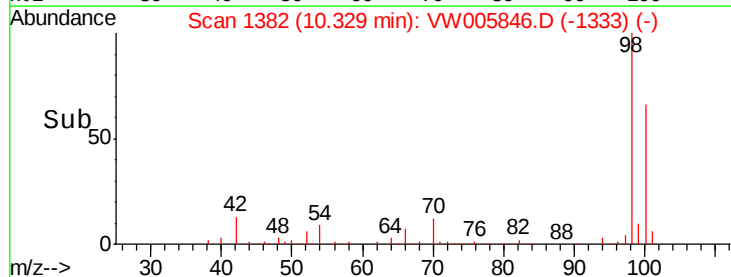
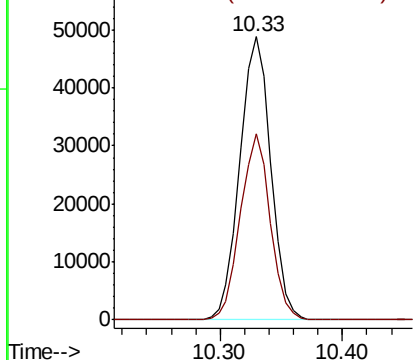


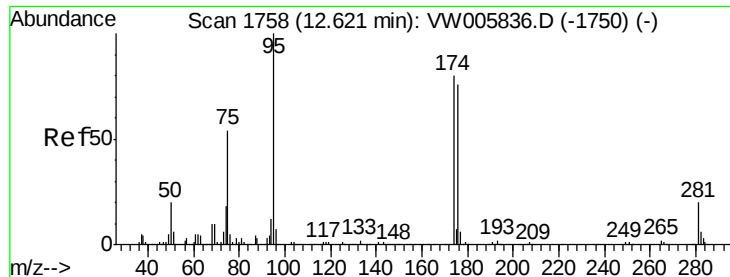
#50
Toluene-d8
Concen: 23.767 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW005846.D
Acq: 04 Oct 2018 09:38

Tgt Ion: 98 Resp: 85921
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



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





#62

4-Bromofluorobenzene

Concen: 21.571 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

Instrument :

MSVOA_W

ClientSampleId :

AU-05-100218-BRE

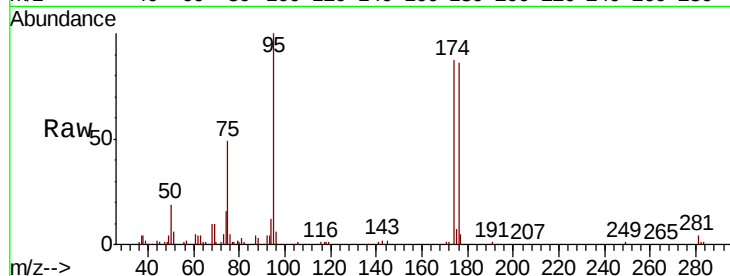
Tot Ion: 95 Resp: 28820

Ion Ratio Lower Upper

95 100

174 85.6 0.0 169.0

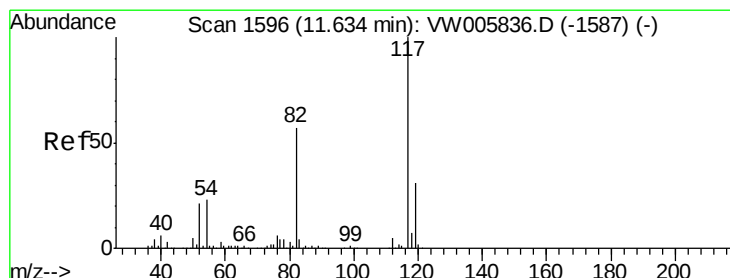
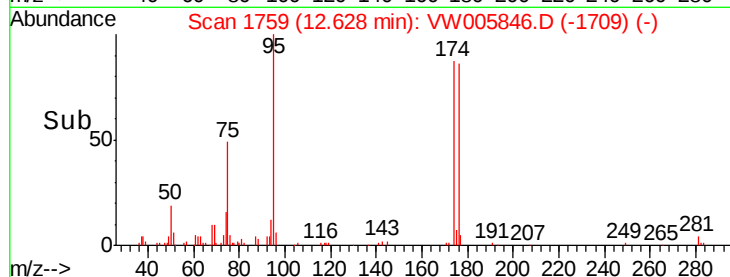
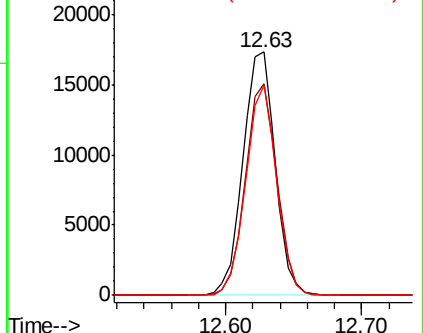
176 82.4 0.0 164.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

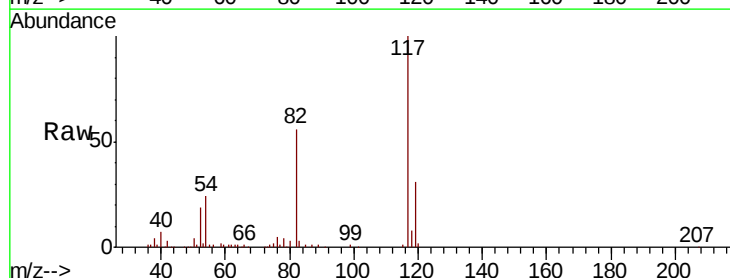
Tgt Ion: 117 Resp: 98761

Ion Ratio Lower Upper

117 100

82 55.9 45.6 68.4

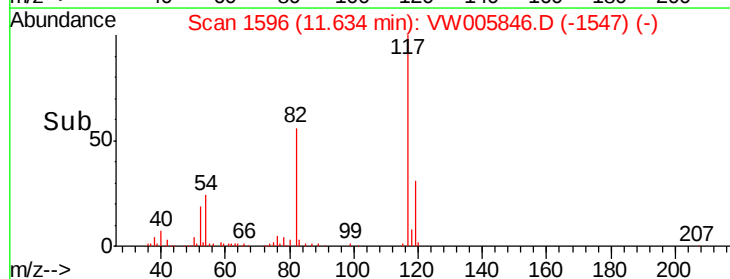
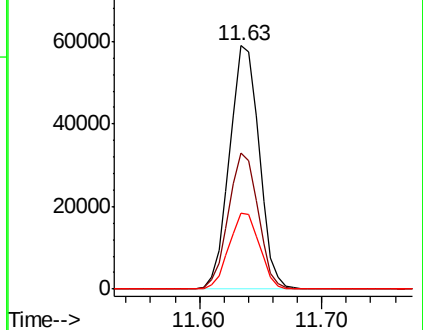
119 31.3 25.0 37.6

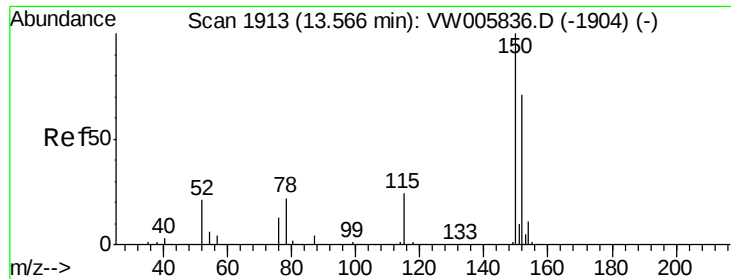


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

Instrument :

MSVOA_W

ClientSampleId :

AU-05-100218-BRE

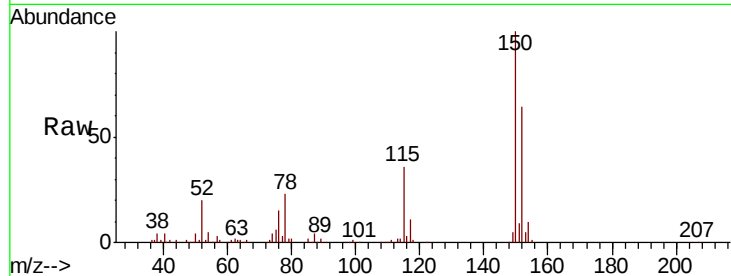
Tot Ion:152 Resp: 34829

Ion Ratio Lower Upper

152 100

115 56.4 29.8 89.4

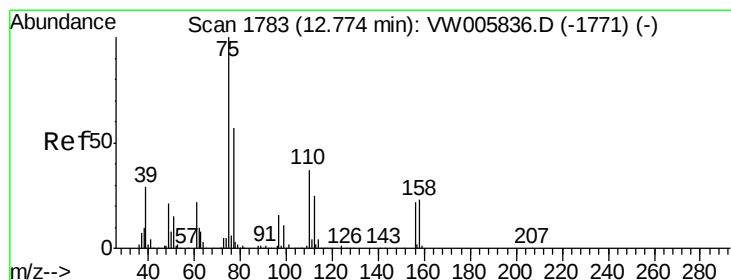
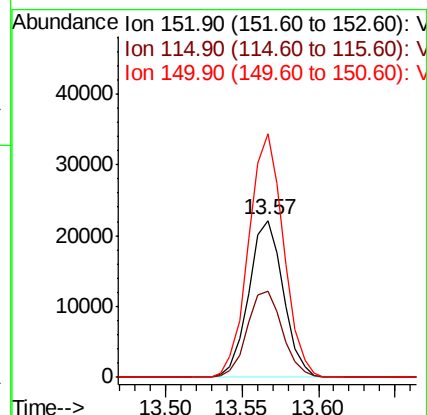
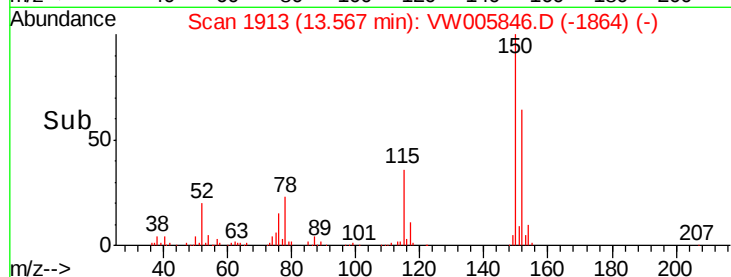
150 156.4 0.0 349.4



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: 46.201 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005846.D

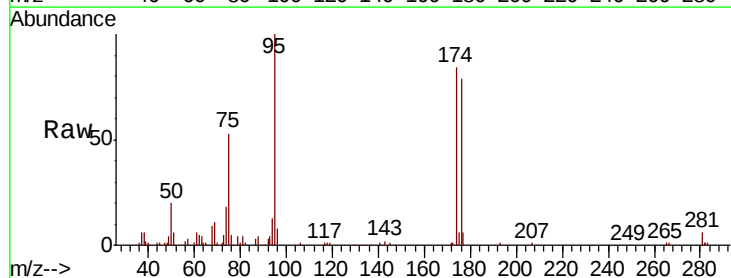
Acq: 04 Oct 2018 09:38

Tgt Ion: 75 Resp: 14624

Ion Ratio Lower Upper

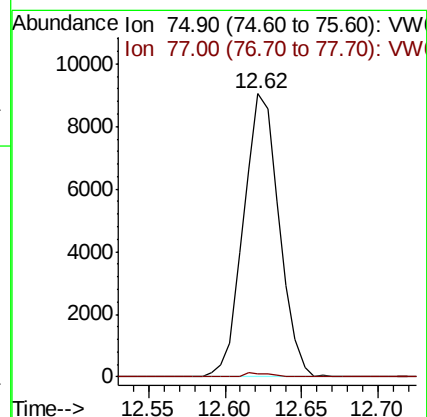
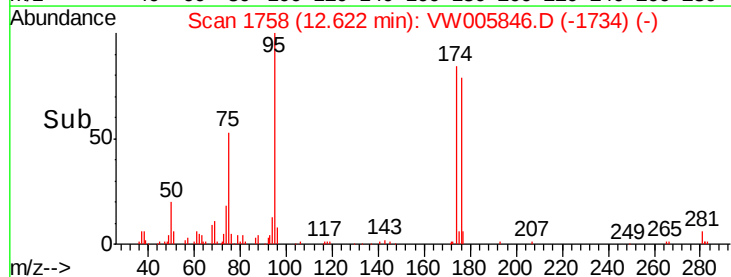
75 100

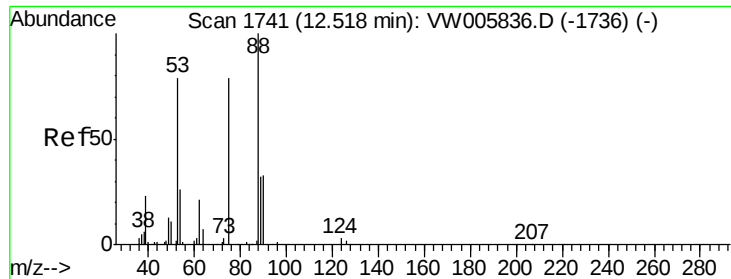
77 0.9 0.0 0.0#



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: 116.787 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

Instrument :

MSVOA_W

ClientSampleId :

AU-05-100218-BRE

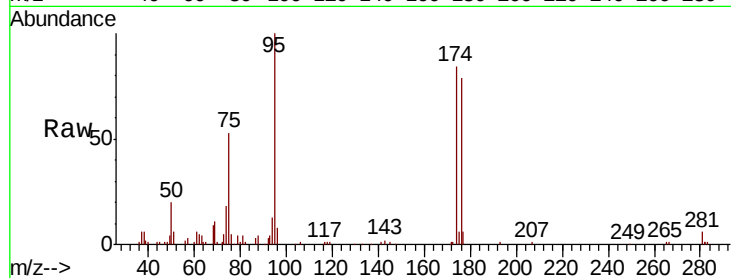
Tot Ion: 75 Resp: 14624

Ion Ratio Lower Upper

75 100

53 0.0 83.7 125.5#

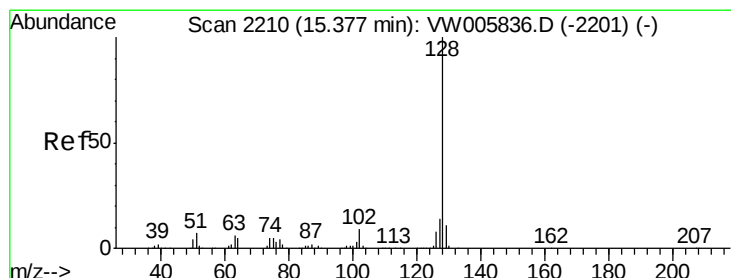
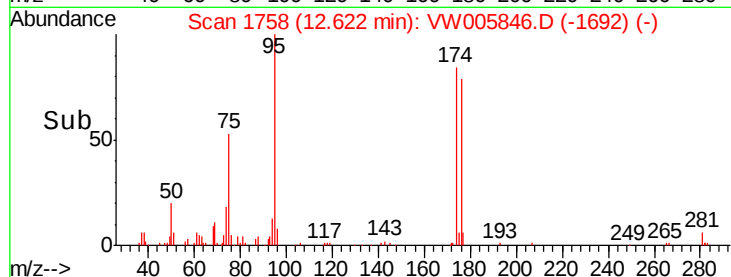
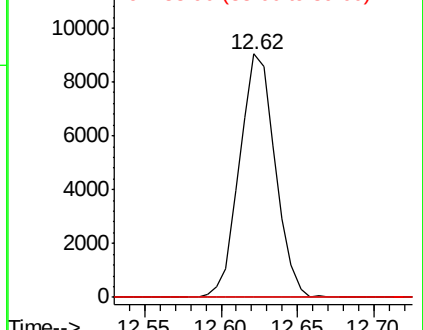
89 0.0 37.5 56.3#



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



#95

Naphthalene

Concen: 2.382 ug/l

RT: 15.38 min Scan# 2211

Delta R.T. 0.01 min

Lab File: VW005846.D

Acq: 04 Oct 2018 09:38

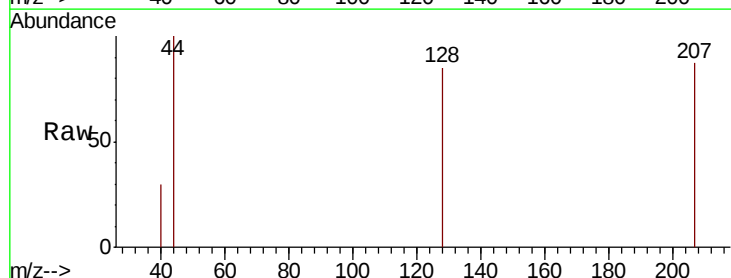
Tgt Ion: 128 Resp: 409

Ion Ratio Lower Upper

128 100

127 0.0 10.9 16.3#

129 0.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

