

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005845.D
 Acq On : 04 Oct 2018 09:12
 Operator : SY/AP
 Sample : J5200-03RE
 Misc : 7.62G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100118-BRE

Quant Time: Oct 04 10:59:38 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

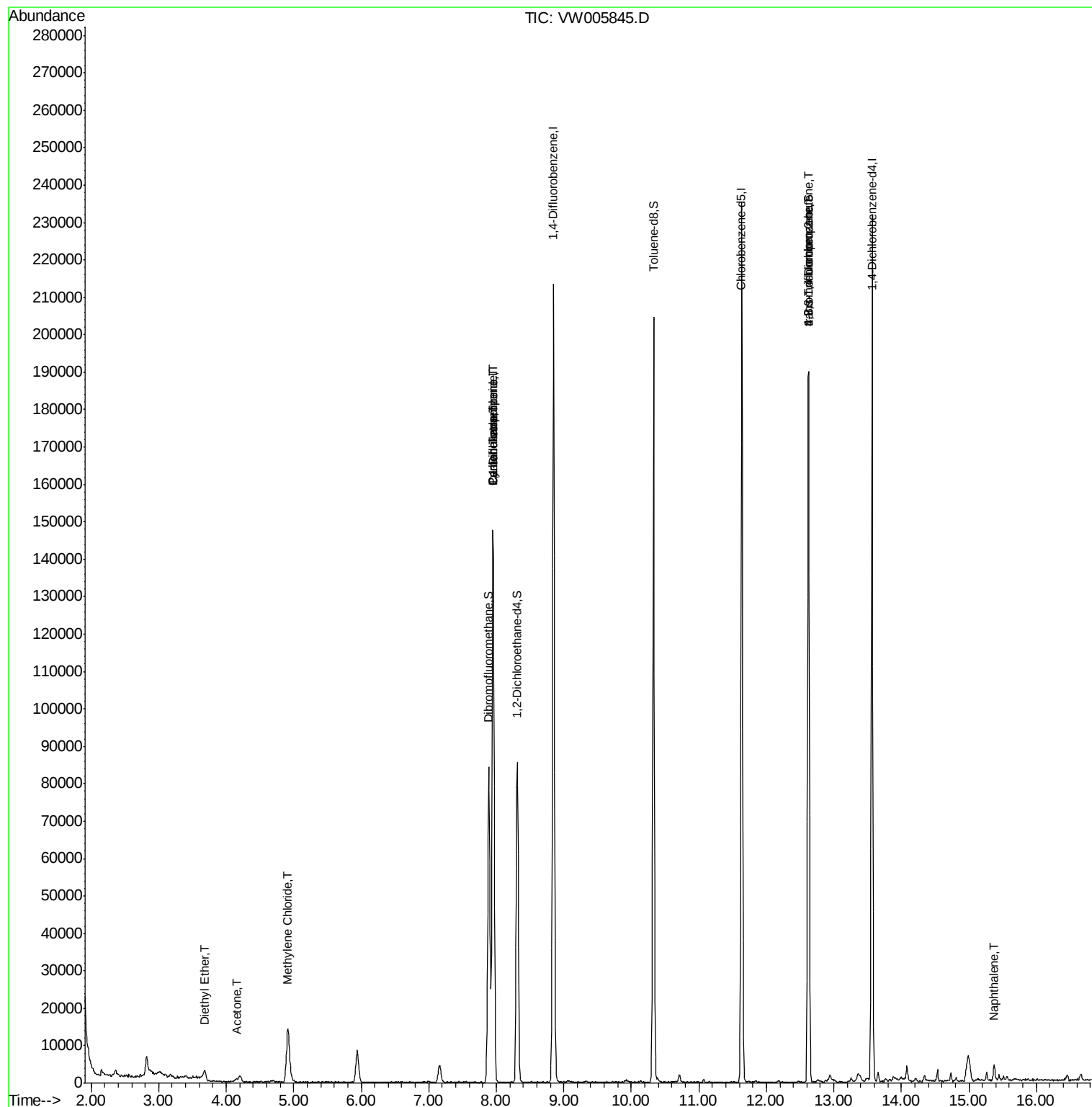
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	110272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	174624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59725	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	73724	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	7.89	113	58359	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.33	98	131256	28.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.76%	
62) 4-Bromofluorobenzene	12.63	95	58636	34.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.82%	
Target Compounds						
8) Diethyl Ether	3.68	74	1374	2.371	ug/l	91
16) Acetone	4.16	43	1793	8.031	ug/l #	73
20) Methylene Chloride	4.92	84	11957	2.568	ug/l	89
31) Cyclohexane	7.95	56	2521	1.378	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	7965	4.589	ug/l #	50
38) Carbon Tetrachloride	7.95	117	11111	5.745	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	30689	56.540	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	30689	142.921	ug/l #	8
95) Naphthalene	15.38	128	3844	3.616	ug/l #	89

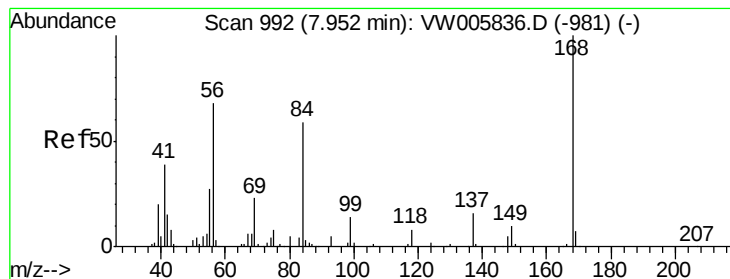
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100418\
Data File : VW005845.D
Acq On : 04 Oct 2018 09:12
Operator : SY/AP
Sample : J5200-03RE
Misc : 7.62G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OR-02-100118-BRE

Quant Time: Oct 04 10:59:38 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: VW005845.D

Acq: 04 Oct 2018 09:12

Instrument :

MSVOA_W

ClientSampleId :

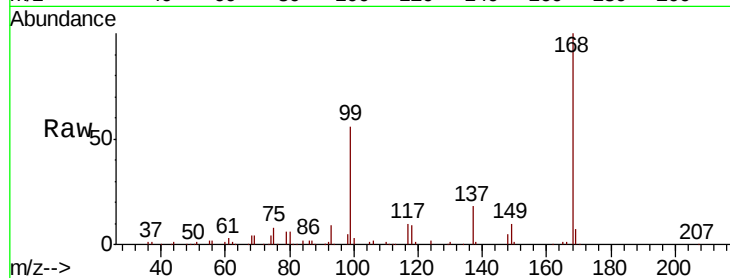
OR-02-100118-BRE

Tot Ion:168 Resp: 110272

Ion Ratio Lower Upper

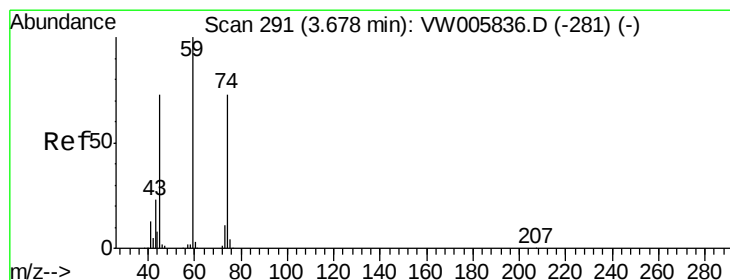
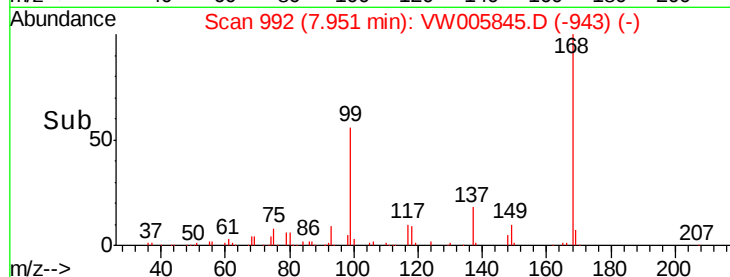
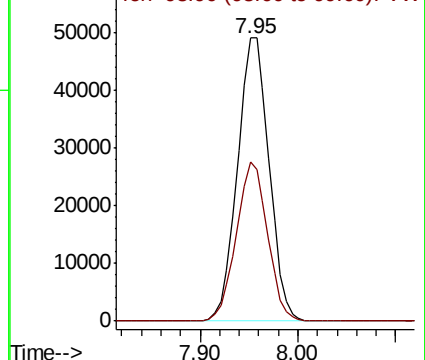
168 100

99 56.4 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: 2.371 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW005845.D

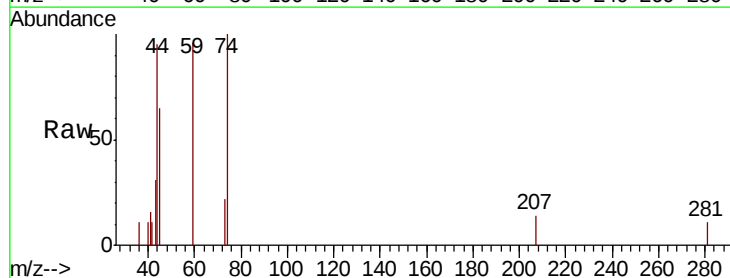
Acq: 04 Oct 2018 09:12

Tgt Ion: 74 Resp: 1374

Ion Ratio Lower Upper

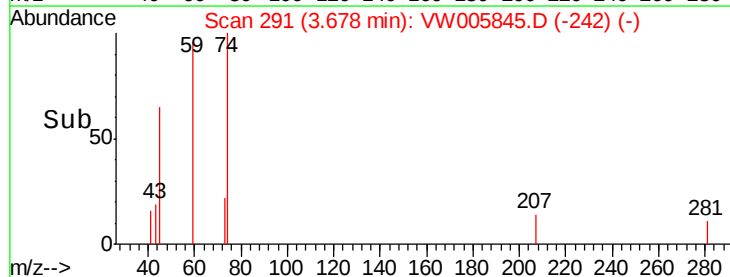
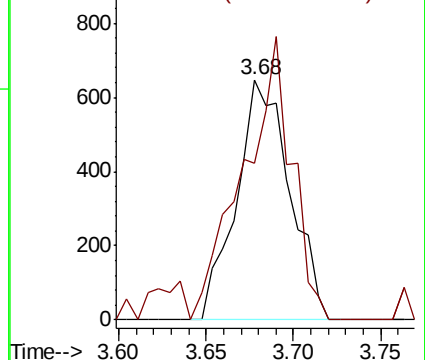
74 100

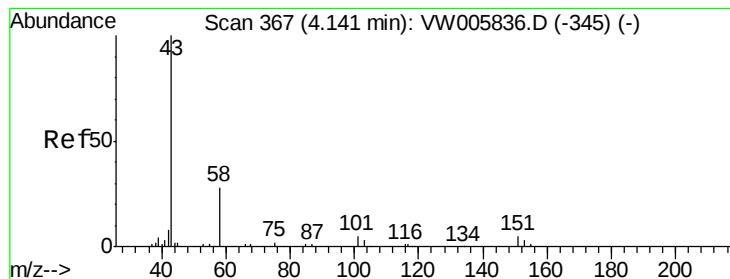
45 107.4 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 8.031 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.02 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Instrument :

MSVOA_W

ClientSampleId :

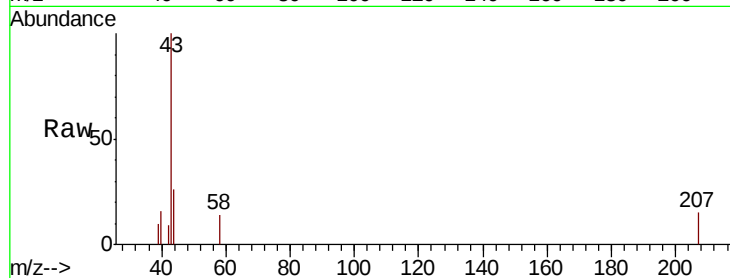
OR-02-100118-BRE

Tot Ion: 43 Resp: 1793

Ion Ratio Lower Upper

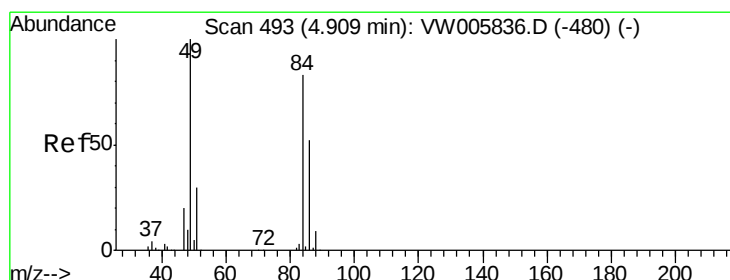
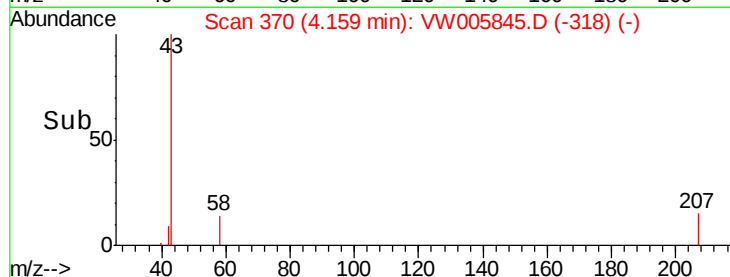
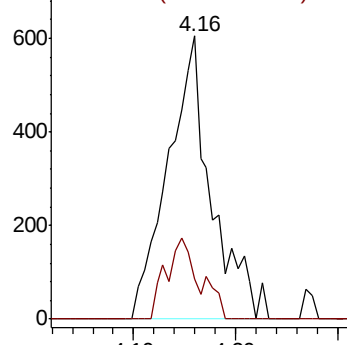
43 100

58 14.2 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.568 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Tgt Ion: 84 Resp: 11957

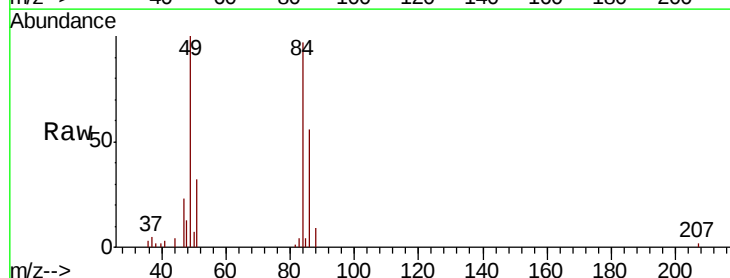
Ion Ratio Lower Upper

84 100

49 103.4 96.8 145.2

51 32.9 28.8 43.2

86 58.0 50.5 75.7

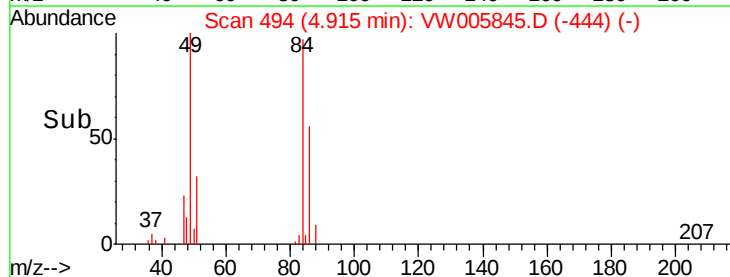
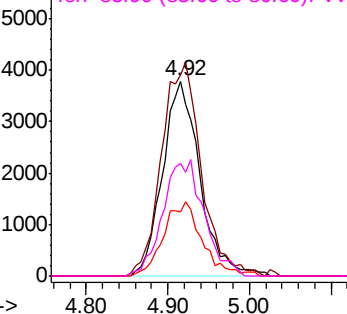


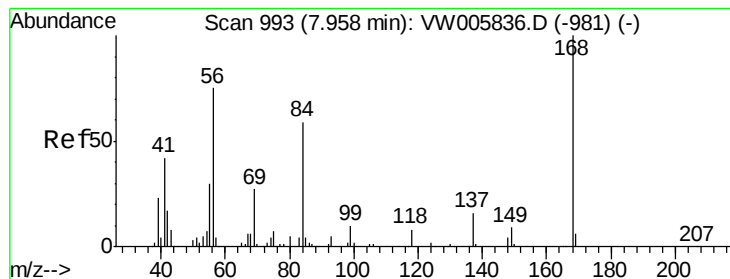
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#31

Cyclohexane

Concen: 1.378 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Instrument :

MSVOA_W

ClientSampleId :

OR-02-100118-BRE

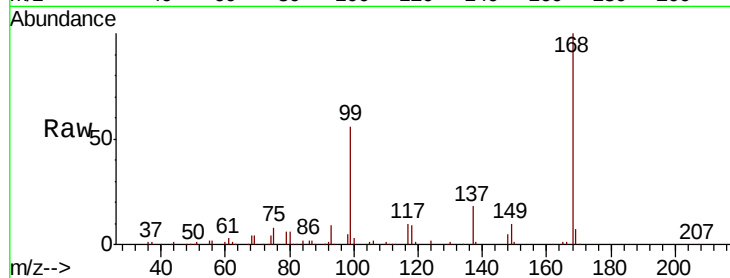
Tot Ion: 56 Resp: 2521

Ion Ratio Lower Upper

56 100

69 182.8 29.0 43.4#

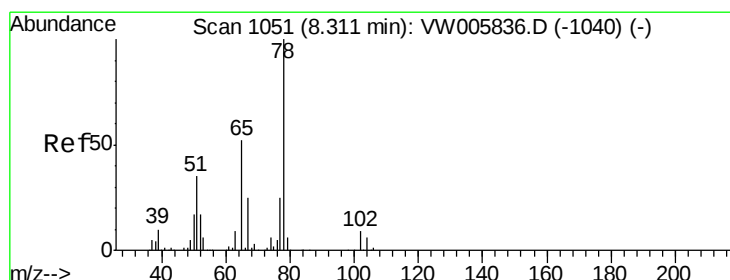
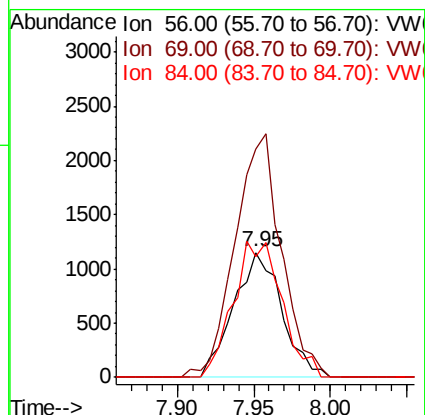
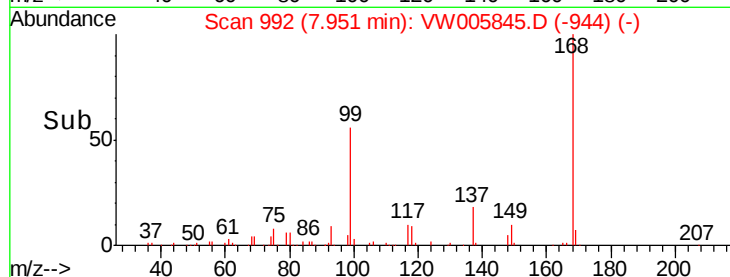
84 96.2 63.5 95.3#



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



#33

1,2-Dichloroethane-d4

Concen: 55.110 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005845.D

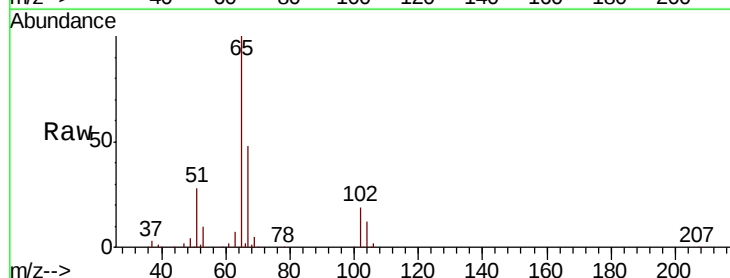
Acq: 04 Oct 2018 09:12

Tgt Ion: 65 Resp: 73724

Ion Ratio Lower Upper

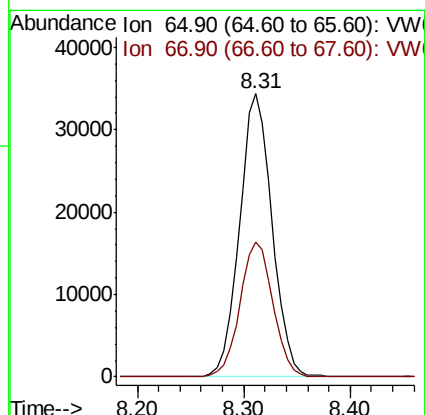
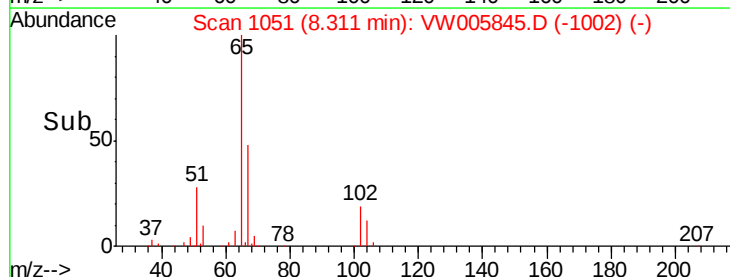
65 100

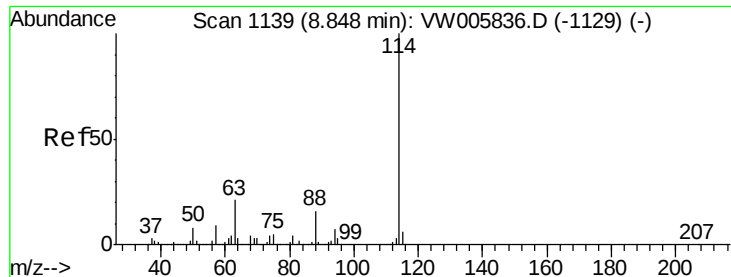
67 48.4 0.0 98.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

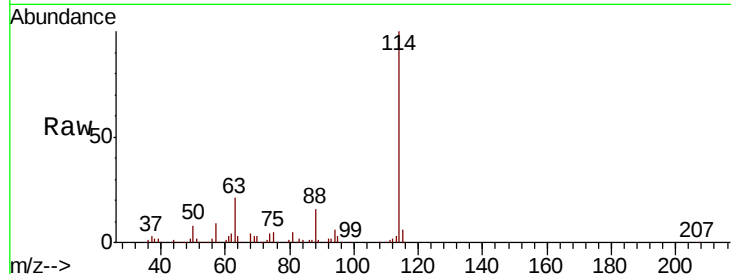




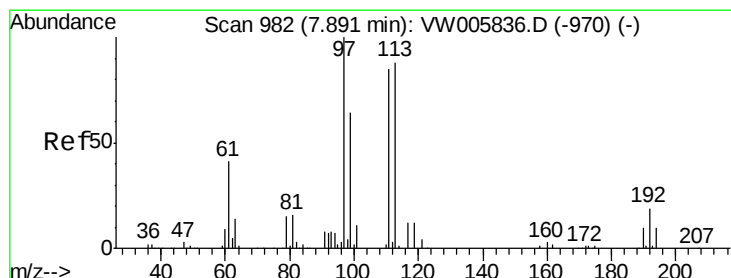
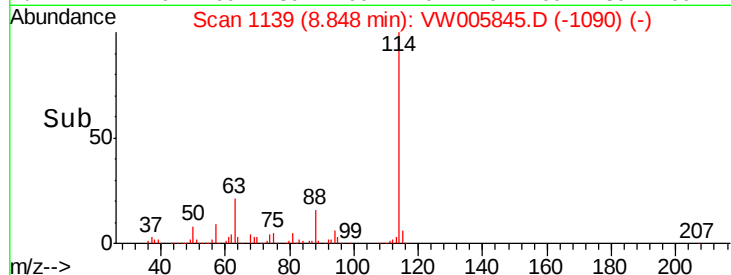
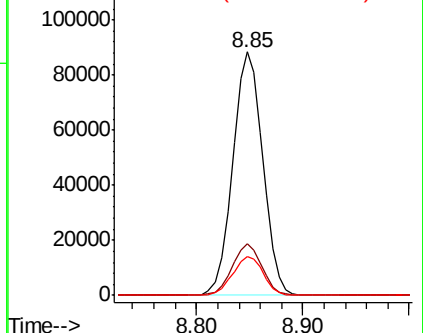
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005845.D
 Acq: 04 Oct 2018 09:12

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100118-BRE

Tot Ion	114	Resp	174624
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	42.0
88	15.9	0.0	31.2

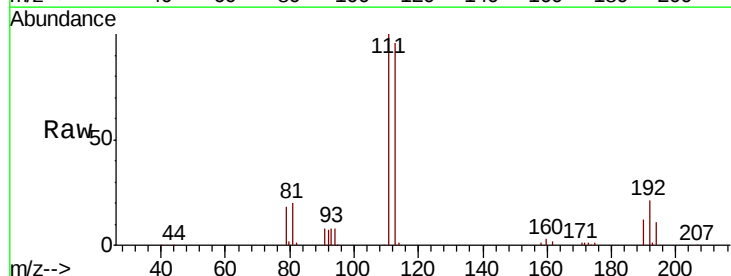


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

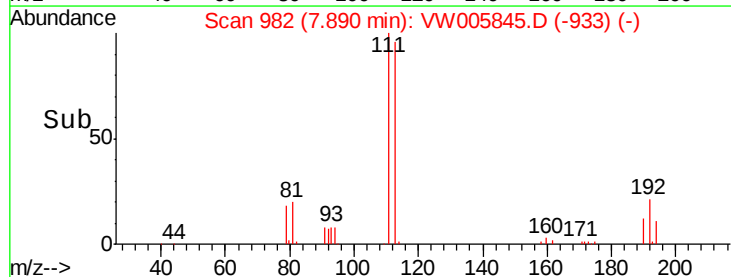
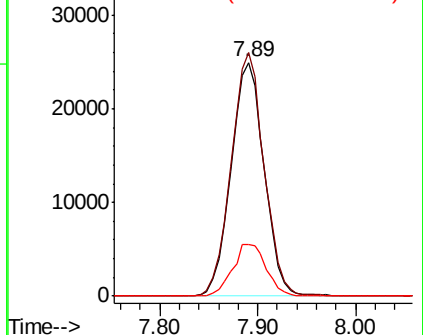


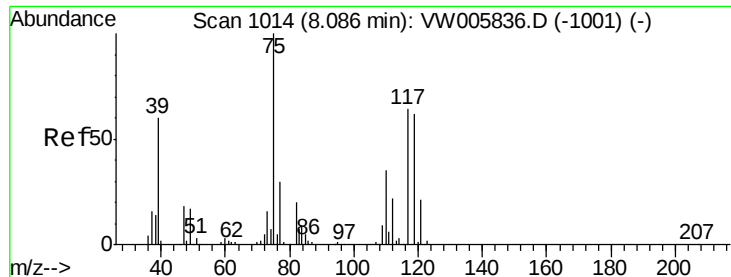
#35
 Dibromofluoromethane
 Concen: 50.988 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005845.D
 Acq: 04 Oct 2018 09:12

Tgt Ion	113	Resp	58359
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.4	122.2
192	22.6	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

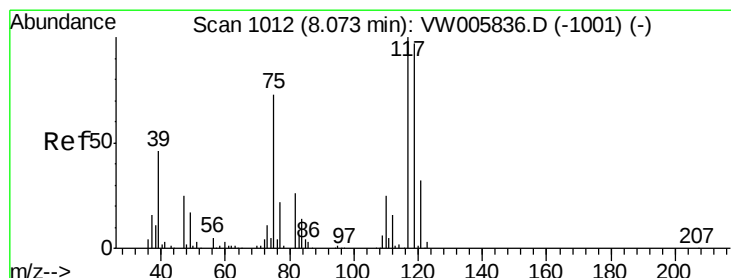
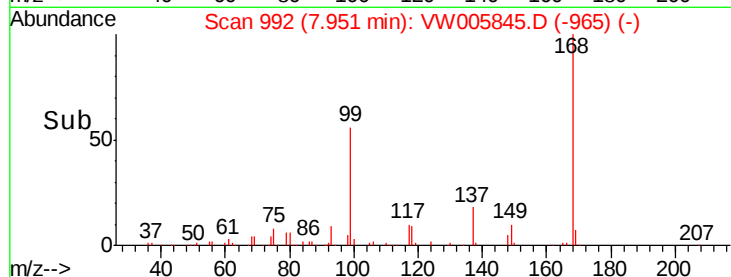
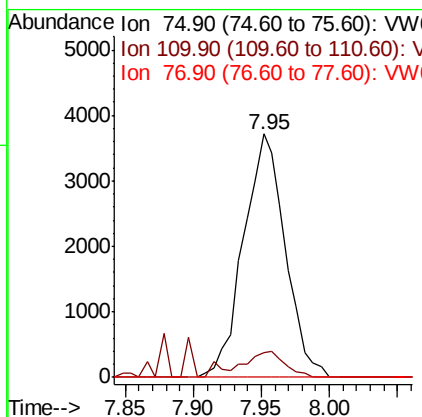
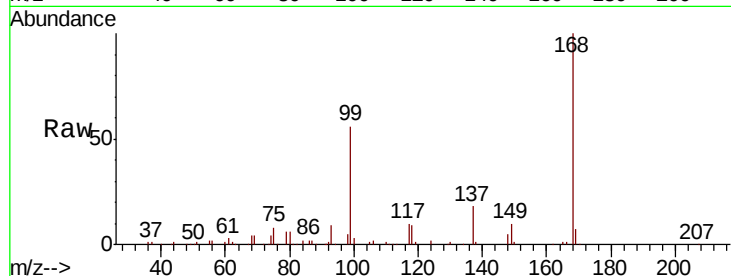




#36
 1,1-Dichloropropene
 Concen: 4.589 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW005845.D
 Acq: 04 Oct 2018 09:12

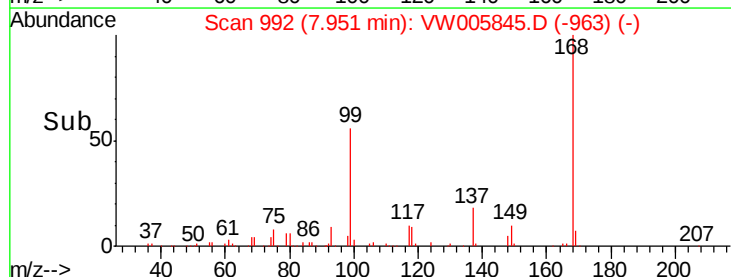
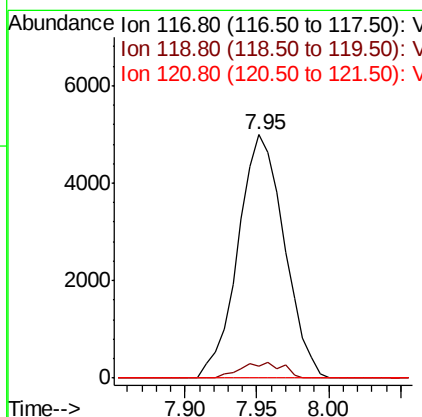
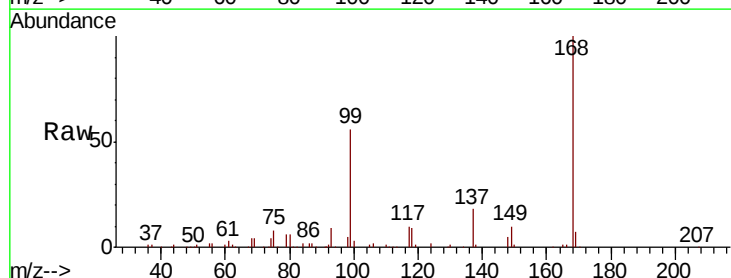
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-100118-BRE

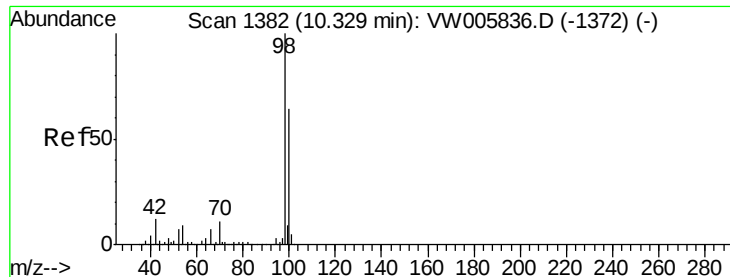
Tot Ion	75	Resp	7965
Ion Ratio	100	Lower	Upper
110	9.7	17.5	52.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.745 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW005845.D
 Acq: 04 Oct 2018 09:12

Tgt Ion	117	Resp	11111
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
119	5.1	77.9	116.9#
121	0.0	25.2	37.8#





#50

Toluene-d8

Concen: 28.881 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Instrument :

MSVOA_W

ClientSampleId :

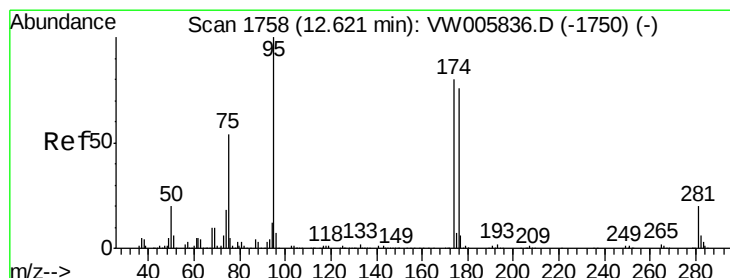
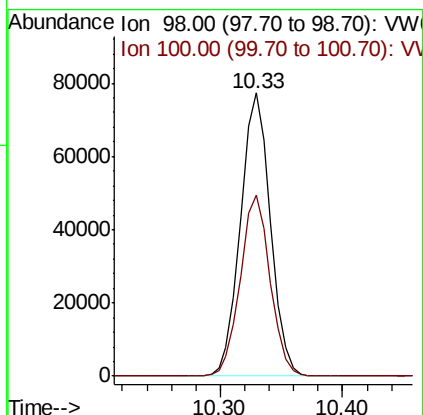
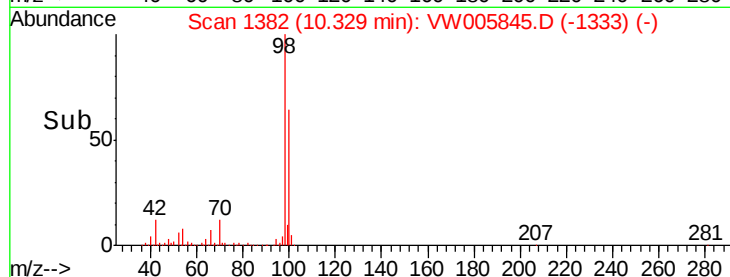
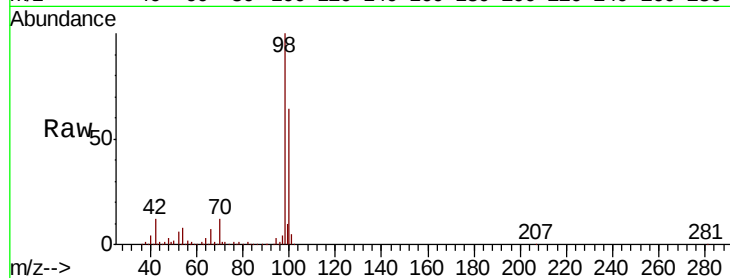
OR-02-100118-BRE

Tot Ion: 98 Resp: 131256

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 34.912 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

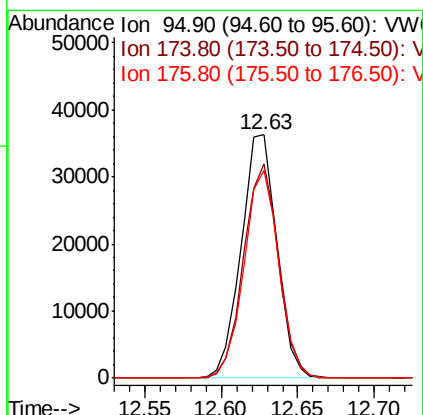
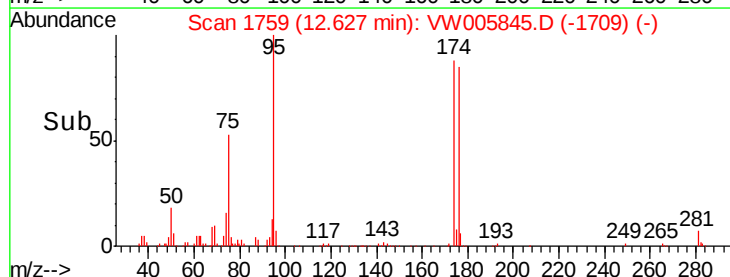
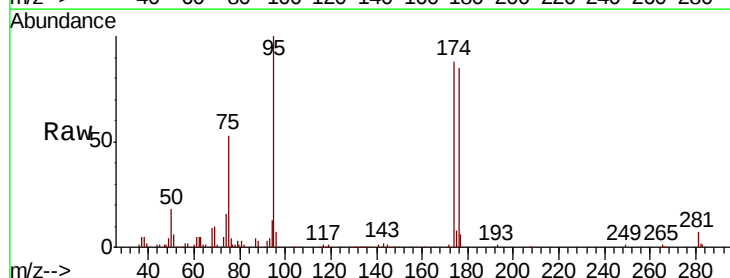
Tgt Ion: 95 Resp: 58636

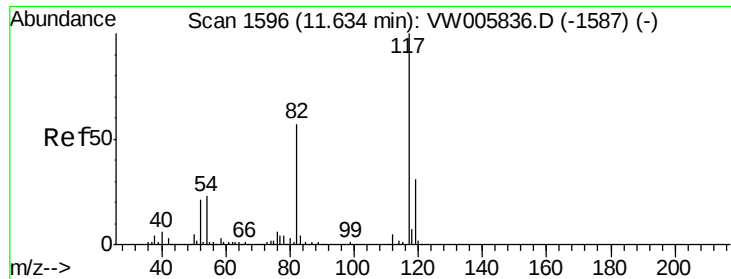
Ion Ratio Lower Upper

95 100

174 87.5 0.0 169.0

176 83.6 0.0 164.2

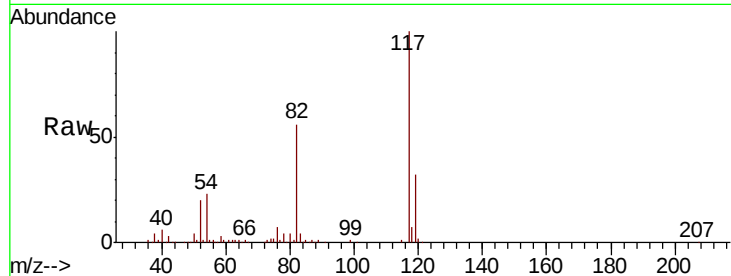




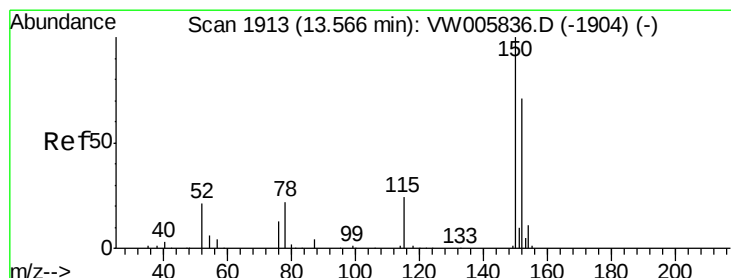
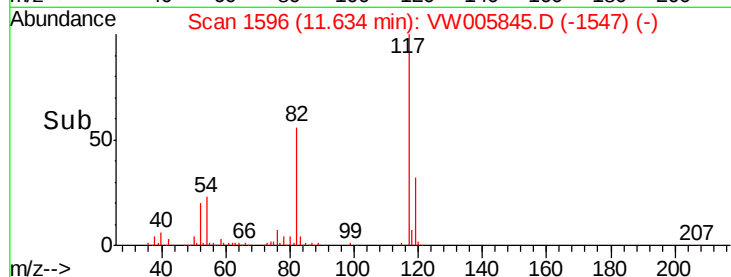
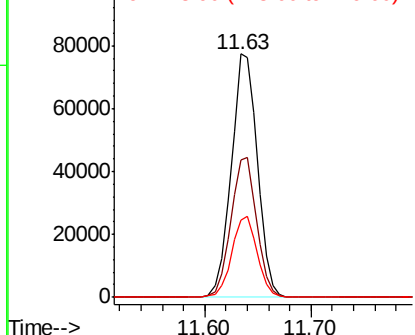
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005845.D
Acq: 04 Oct 2018 09:12

Instrument :
MSVOA_W
ClientSampleId :
OR-02-100118-BRE

Tot Ion:117 Resp: 133173
Ion Ratio Lower Upper
117 100
82 56.3 45.6 68.4
119 31.9 25.0 37.6

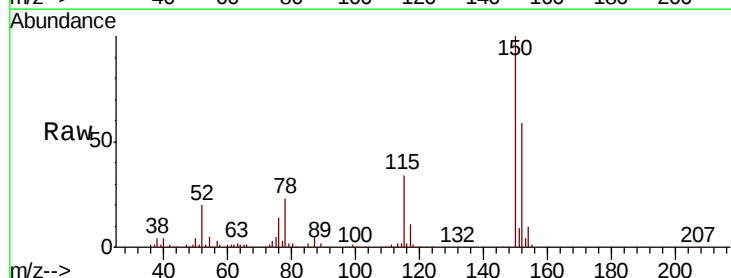


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

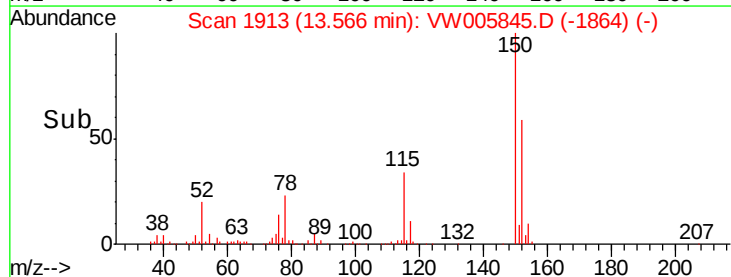
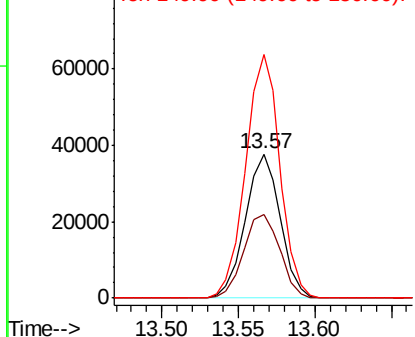


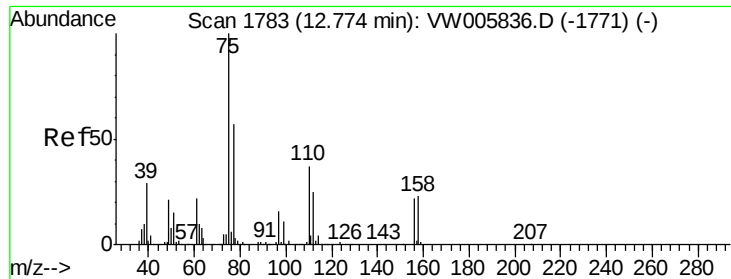
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005845.D
Acq: 04 Oct 2018 09:12

Tgt Ion:152 Resp: 59725
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.4
150 166.3 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: 56.540 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Instrument :

MSVOA_W

ClientSampleId :

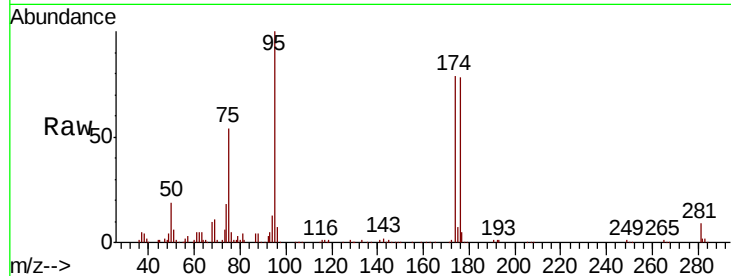
OR-02-100118-BRE

Tot Ion: 75 Resp: 30689

Ion Ratio Lower Upper

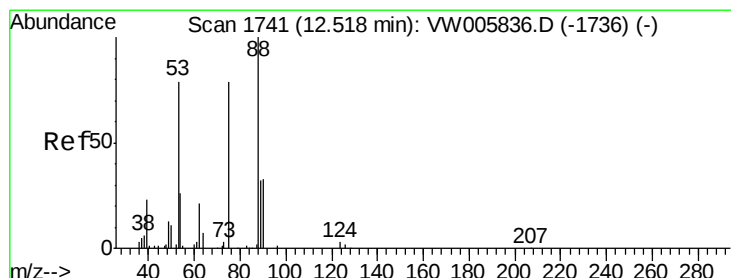
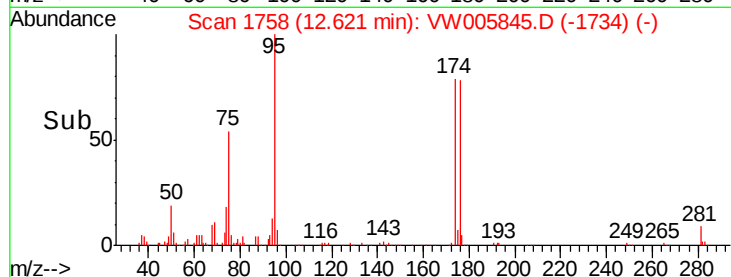
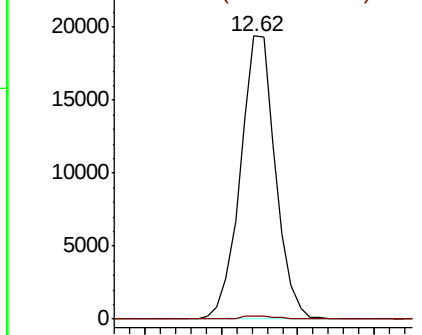
75 100

77 1.1 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: 142.921 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

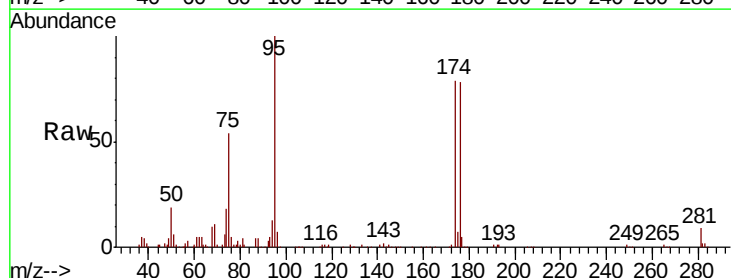
Tgt Ion: 75 Resp: 30689

Ion Ratio Lower Upper

75 100

53 0.1 83.7 125.5#

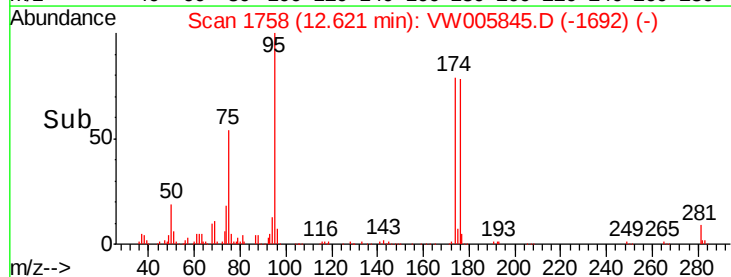
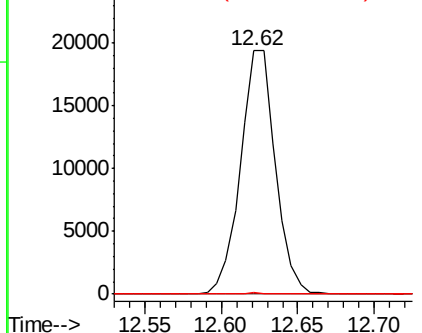
89 0.3 37.5 56.3#

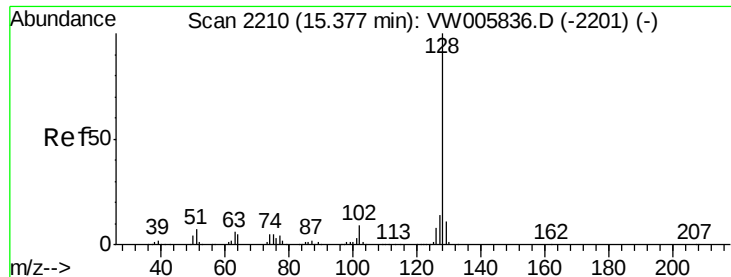


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 3.616 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW005845.D

Acq: 04 Oct 2018 09:12

Instrument :

MSVOA_W

ClientSampleId :

OR-02-100118-BRE

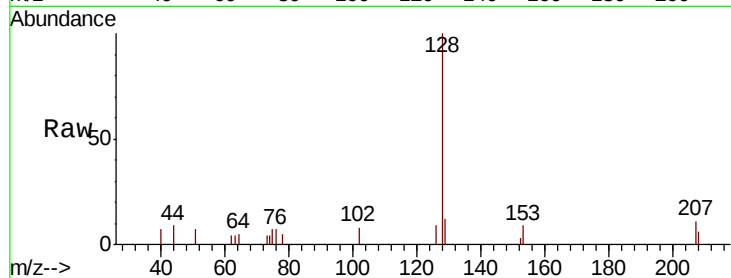
Tot Ion:128 Resp: 3844

Ion Ratio Lower Upper

128 100

127 6.4 10.9 16.3#

129 10.1 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

