

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006338.D
 Acq On : 25 Oct 2018 01:54
 Operator : SY/AP
 Sample : J5200-15RE
 Misc : 6.6G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-B

Quant Time: Oct 25 06:11:04 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

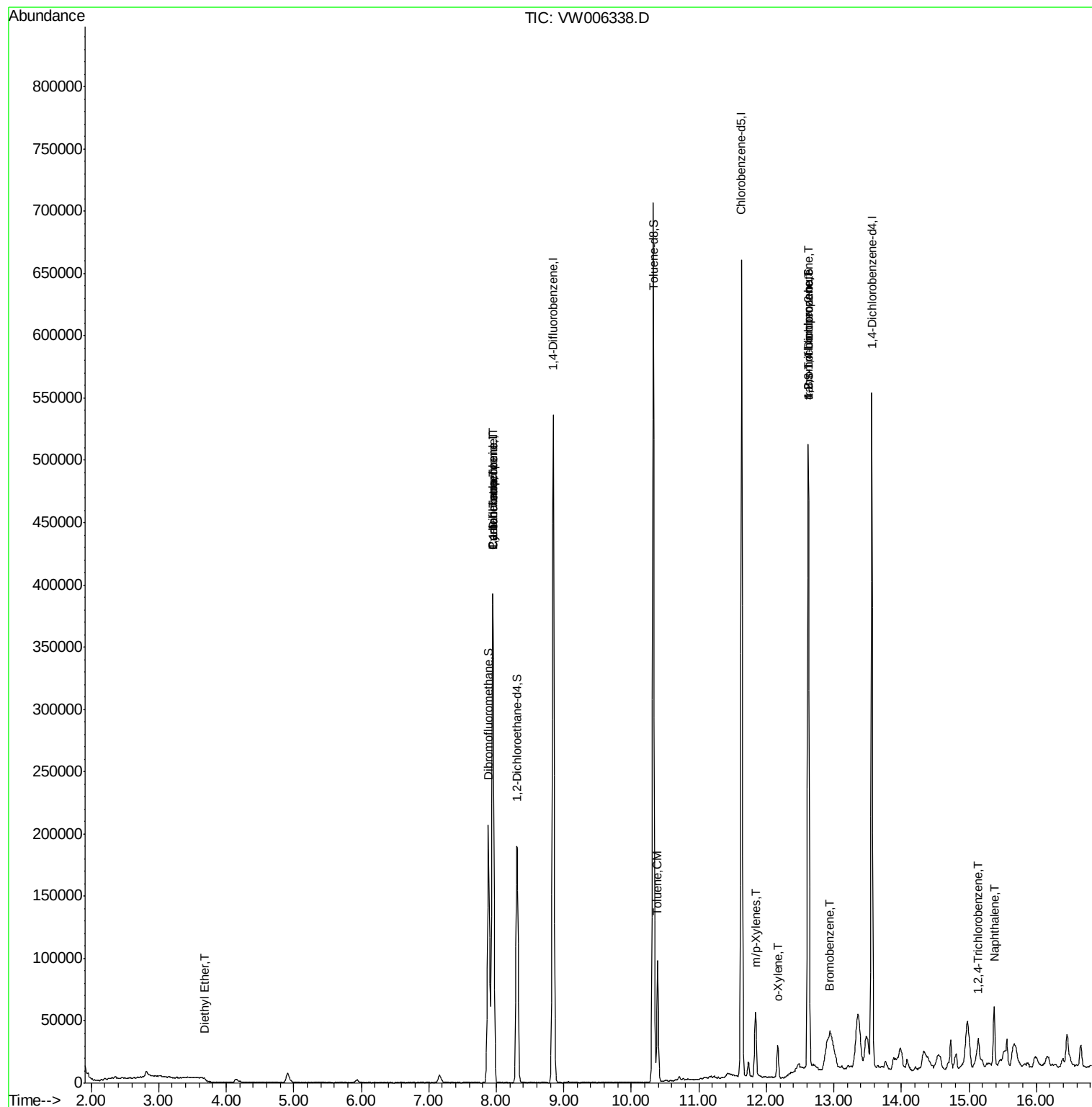
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	326424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	482175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	153349	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153012	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
35) Dibromofluoromethane	7.88	113	144782	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.33	98	491242	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
62) 4-Bromofluorobenzene	12.62	95	156597	38.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.92%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	1706	1.160	ug/l	84
16) Acetone	4.14	43	5363	Below Cal		92
31) Cyclohexane	7.95	56	5411	1.093	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	20835	4.688	ug/l #	49
38) Carbon Tetrachloride	7.95	117	28940	5.940	ug/l #	18
52) Toluene	10.39	92	41801	5.114	ug/l	99
68) m/p-Xylenes	11.84	106	16648	2.984	ug/l	99
69) o-Xylene	12.17	106	6951	1.308	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	78687	67.180	ug/l #	100
77) Bromobenzene	12.93	156	25133	9.472	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	78687	160.587	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.14	180	6006	1.657	ug/l	93
95) Naphthalene	15.38	128	40612	6.736	ug/l	97

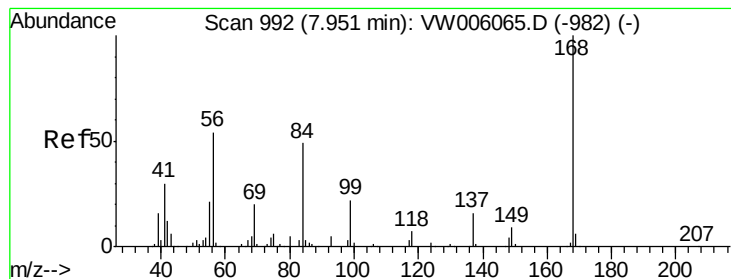
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102518\
Data File : VW006338.D
Acq On : 25 Oct 2018 01:54
Operator : SY/AP
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Misc : 6.6G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-102318-B

Quant Time: Oct 25 06:11:04 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: VW006338.D

Acq: 25 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

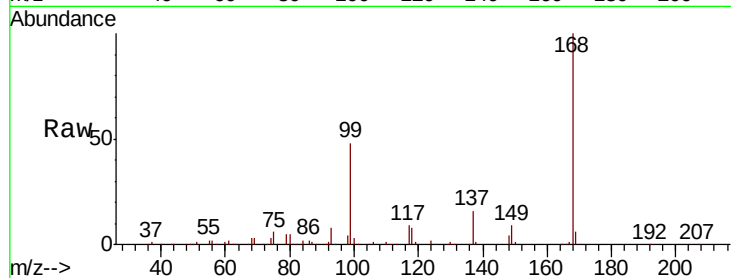
OR-02-102318-B

Tot Ion:168 Resp: 326424

Ion Ratio Lower Upper

168 100

99 47.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

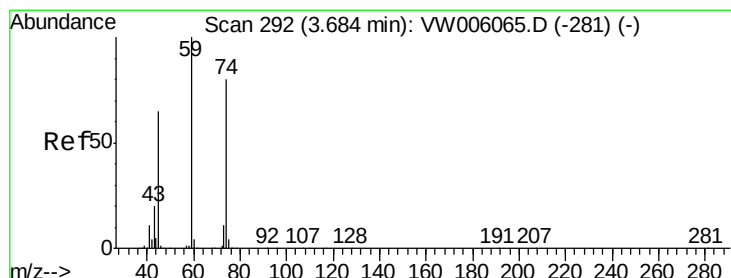
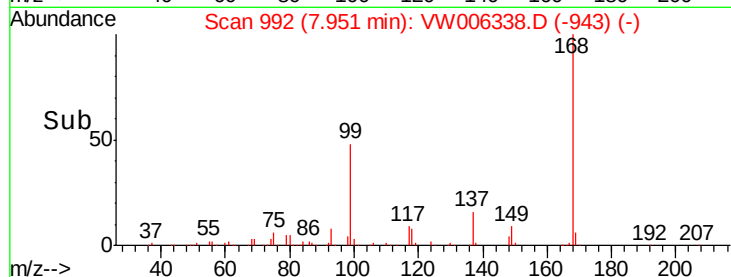
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.160 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006338.D

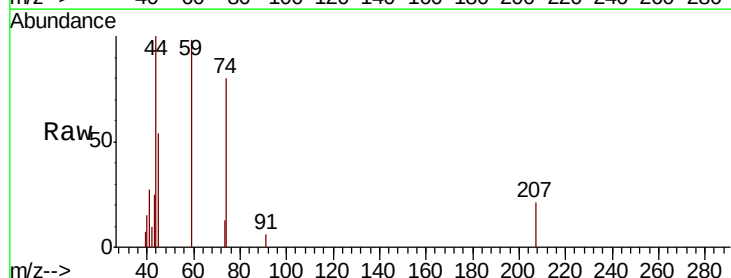
Acq: 25 Oct 2018 01:54

Tgt Ion: 74 Resp: 1706

Ion Ratio Lower Upper

74 100

45 99.9 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

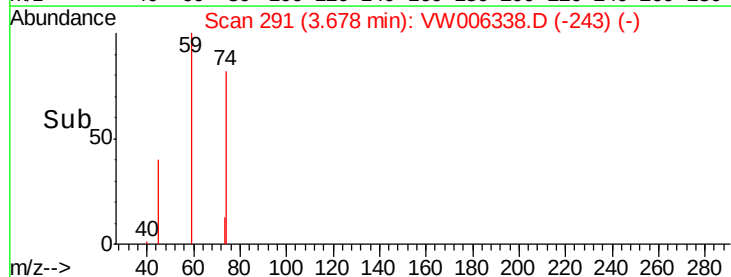
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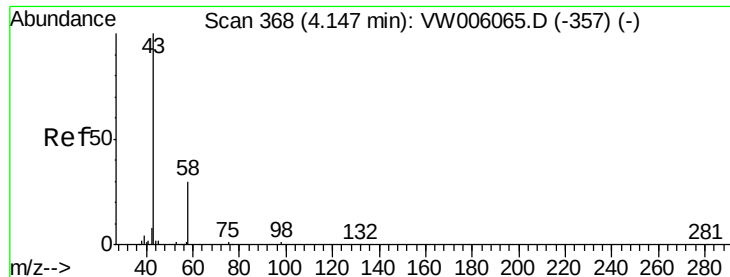
400

200

0

Time-->

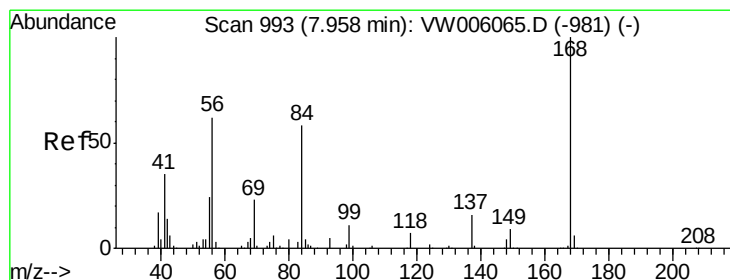
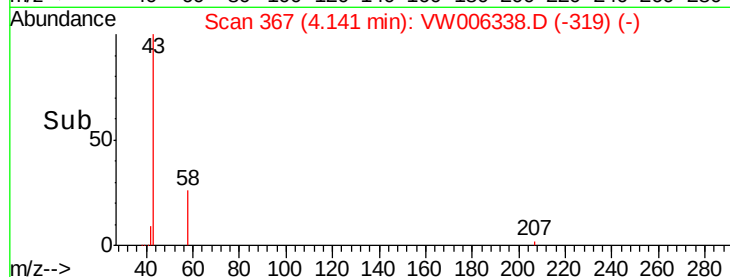
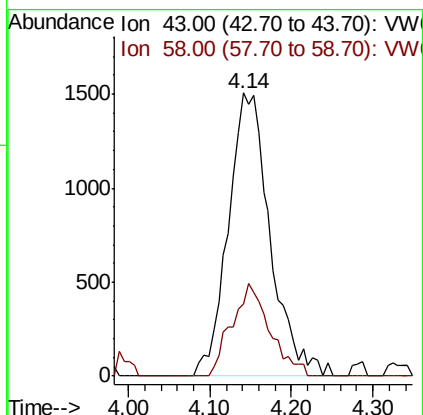
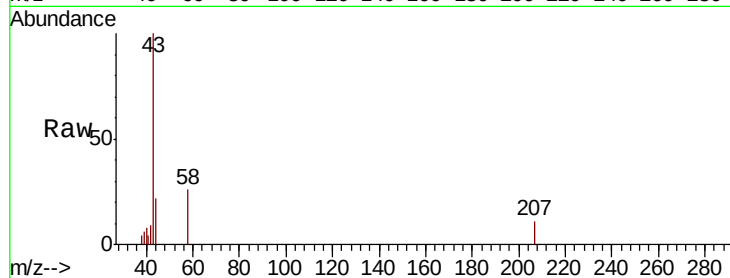




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. -0.01 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

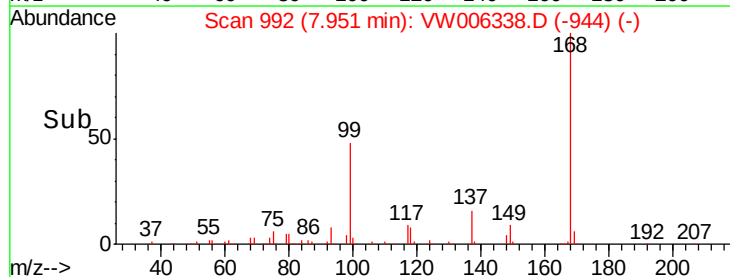
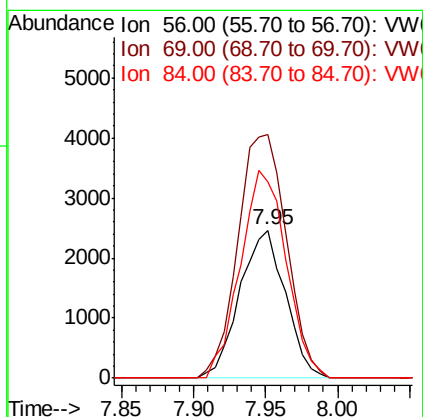
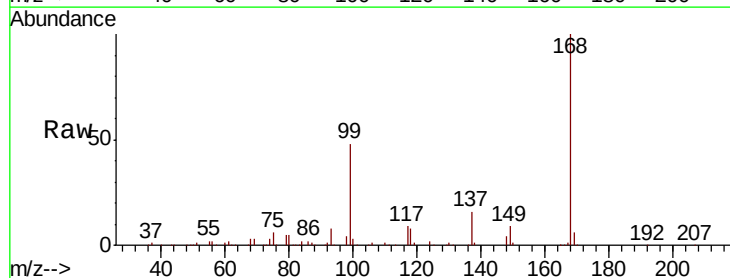
Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-B

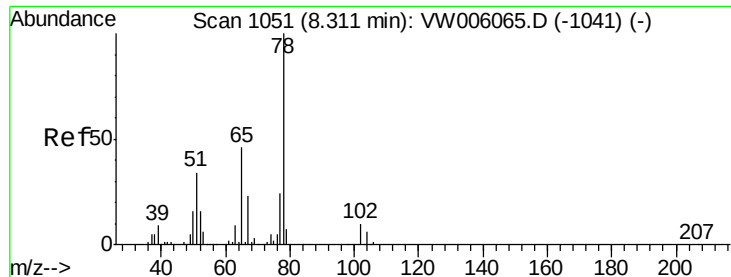
Tot Ion: 43 Resp: 5363
Ion Ratio Lower Upper
43 100
58 25.6 24.0 36.0



#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

Tgt Ion: 56 Resp: 5411
Ion Ratio Lower Upper
56 100
69 164.4 29.4 44.0#
84 132.3 74.0 111.0#

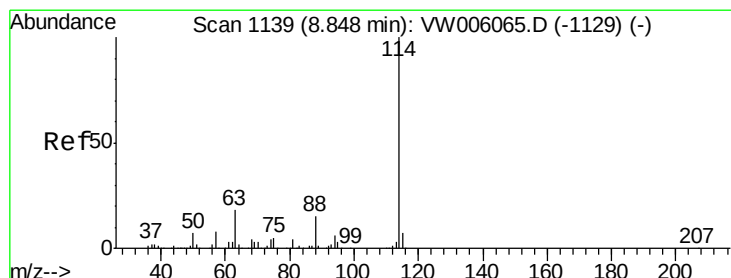
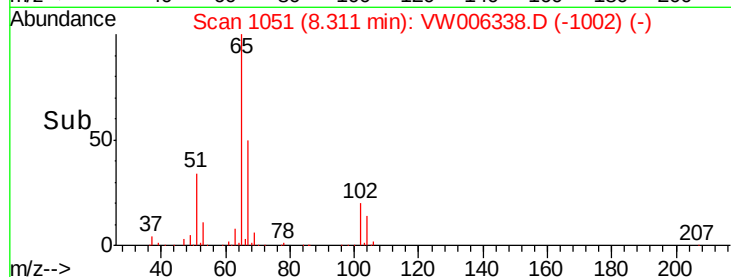
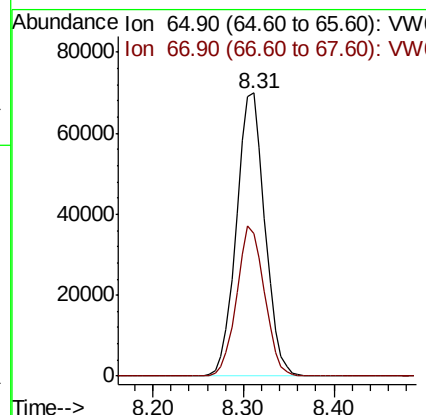
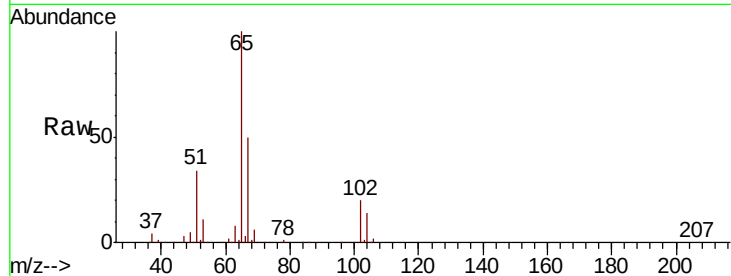




#33
 1,2-Dichloroethane-d4
 Concen: 56.541 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

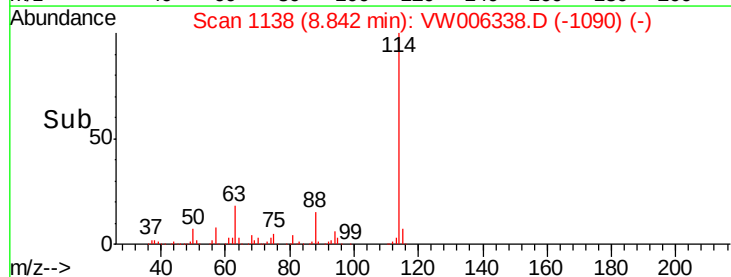
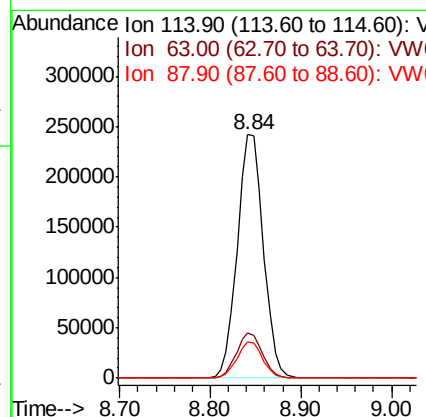
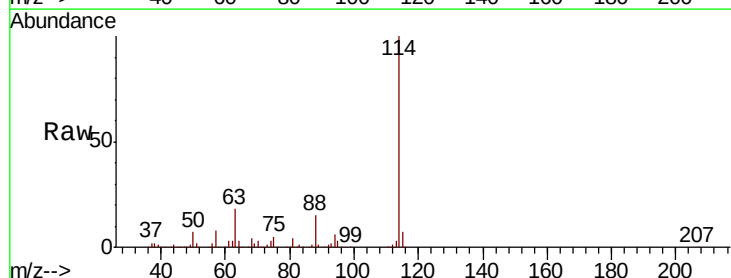
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-B

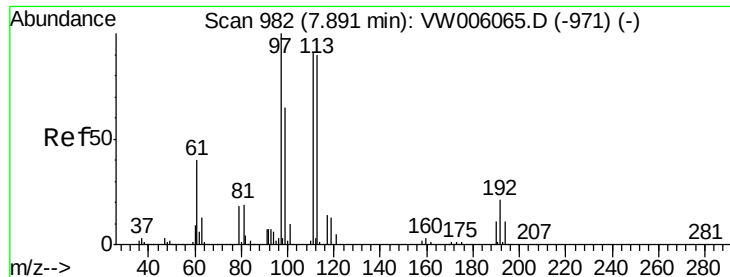
Tot Ion: 65 Resp: 153012
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

Tgt Ion: 114 Resp: 482175
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.7 0.0 29.0

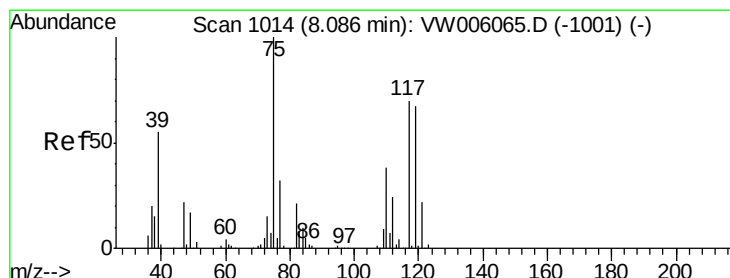
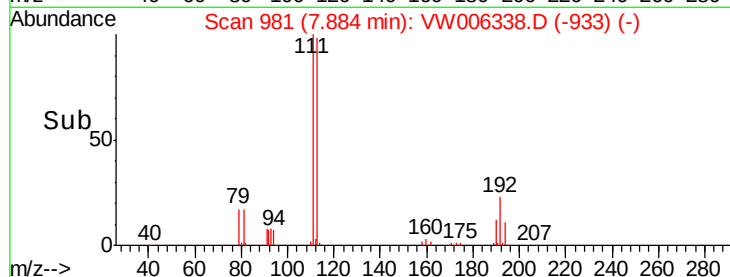
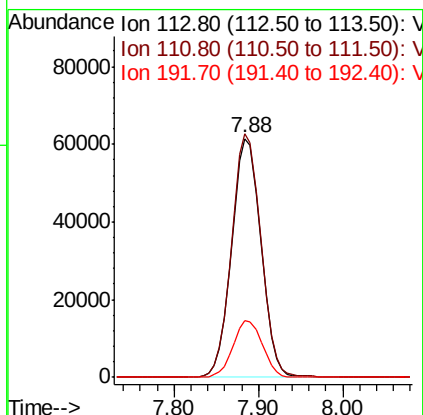
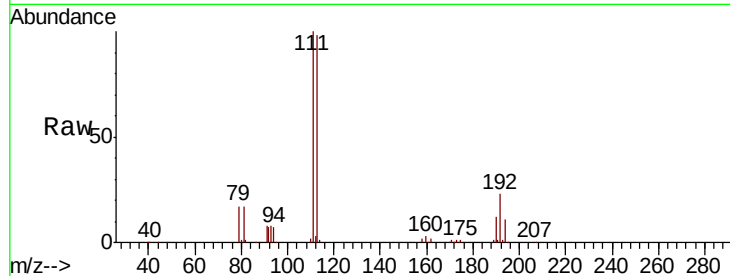




#35
 Dibromofluoromethane
 Concen: 50.816 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

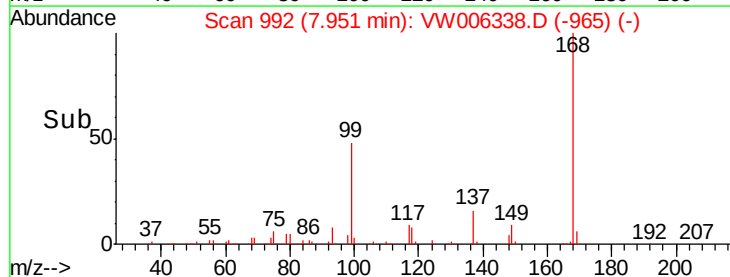
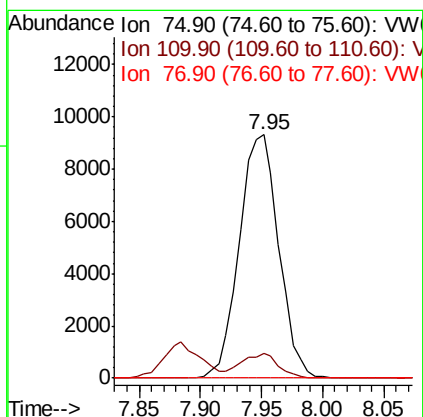
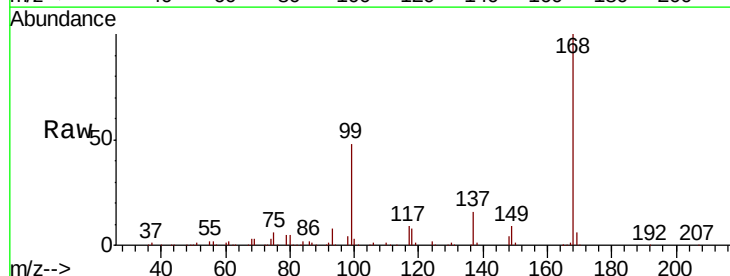
Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-B

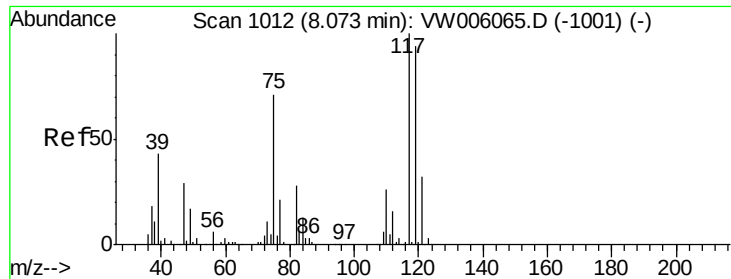
Tot Ion:113 Resp: 144782
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 23.6 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.688 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

Tgt Ion: 75 Resp: 20835
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.1 57.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.940 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

OR-02-102318-B

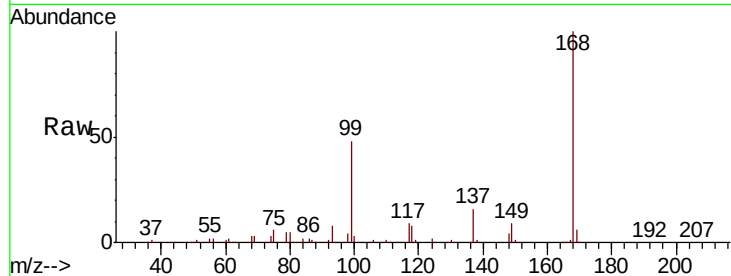
Tot Ion:117 Resp: 28940

Ion Ratio Lower Upper

117 100

119 6.3 75.2 112.8#

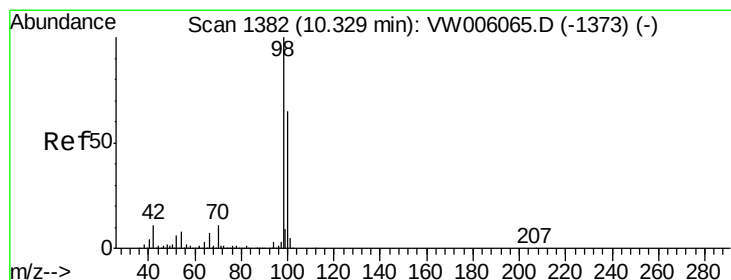
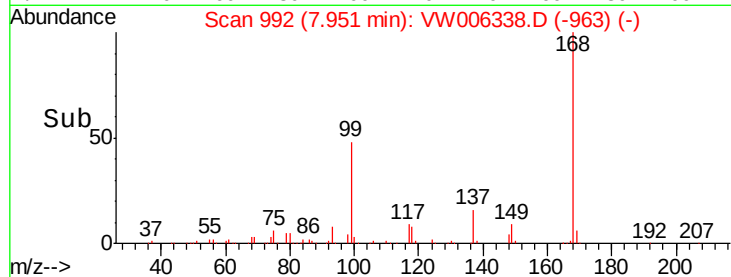
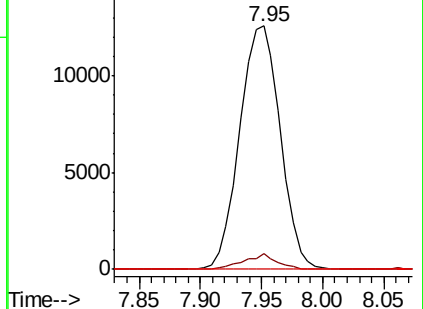
121 0.0 25.3 37.9#



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: 45.319 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006338.D

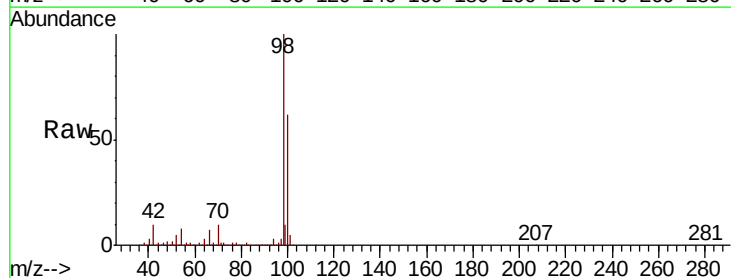
Acq: 25 Oct 2018 01:54

Tgt Ion: 98 Resp: 491242

Ion Ratio Lower Upper

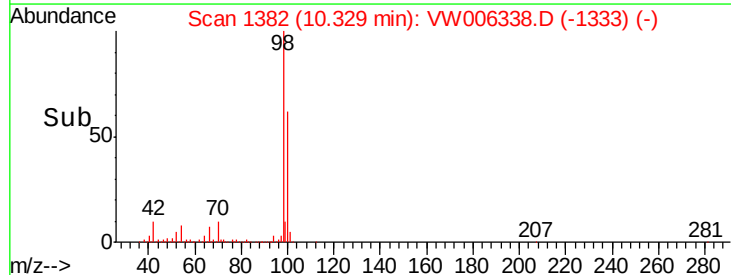
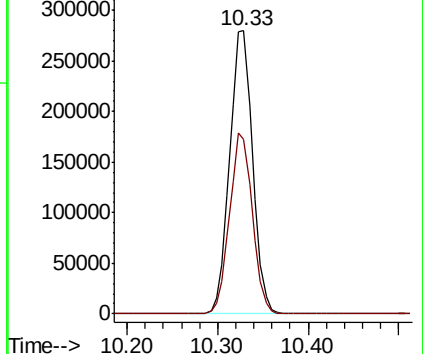
98 100

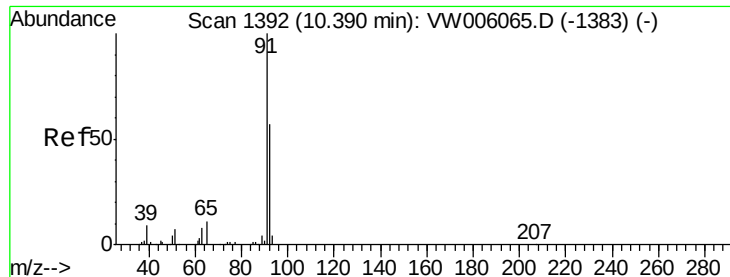
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 5.114 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

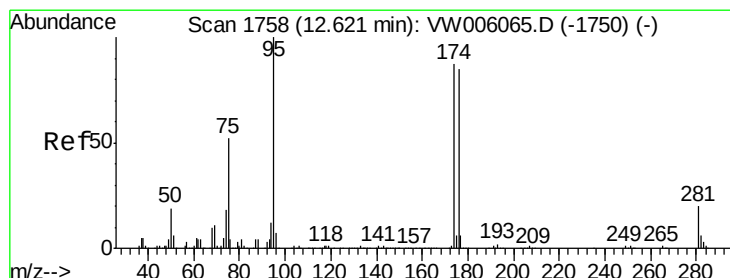
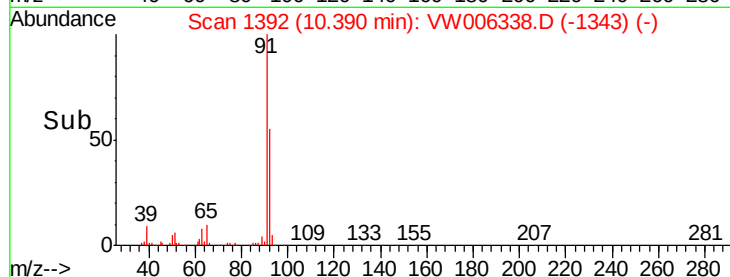
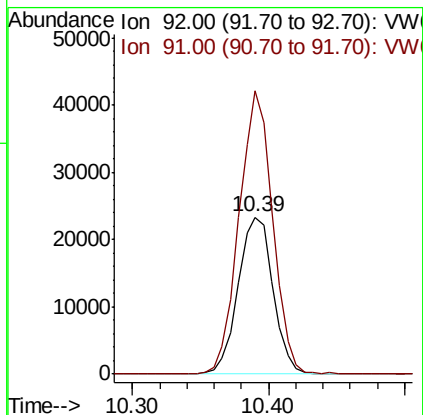
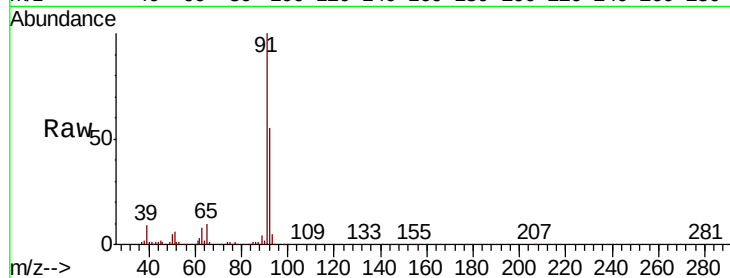
OR-02-102318-B

Tot Ion: 92 Resp: 41801

Ion Ratio Lower Upper

92 100

91 173.0 140.0 210.0



#62

4-Bromofluorobenzene

Concen: 38.464 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

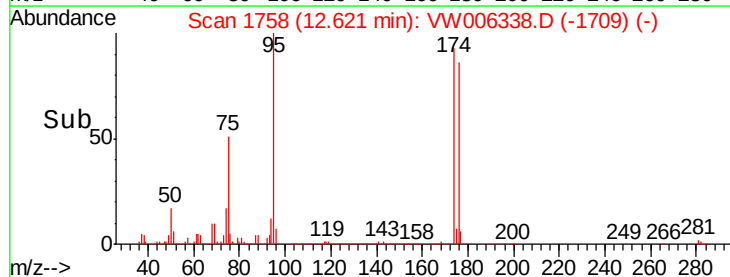
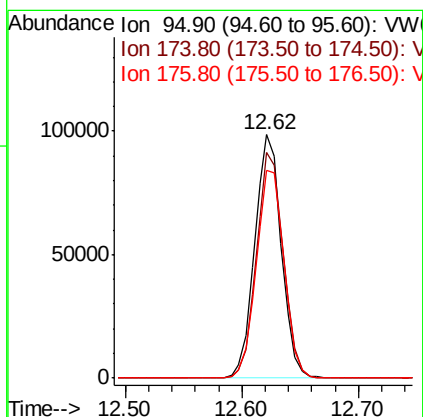
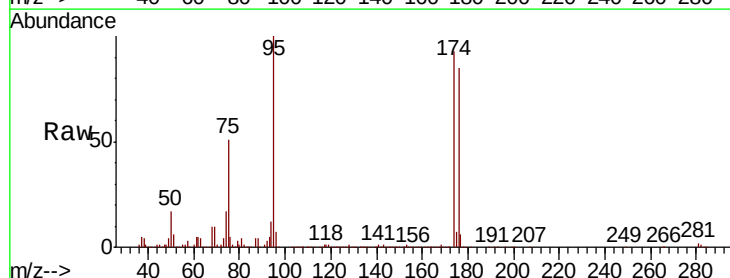
Tgt Ion: 95 Resp: 156597

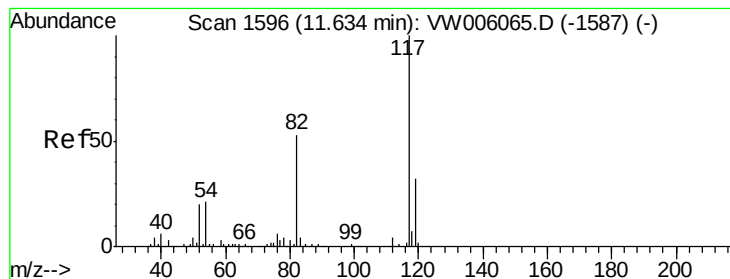
Ion Ratio Lower Upper

95 100

174 93.9 0.0 186.0

176 89.5 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: VW006338.D

Acq: 25 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

OR-02-102318-B

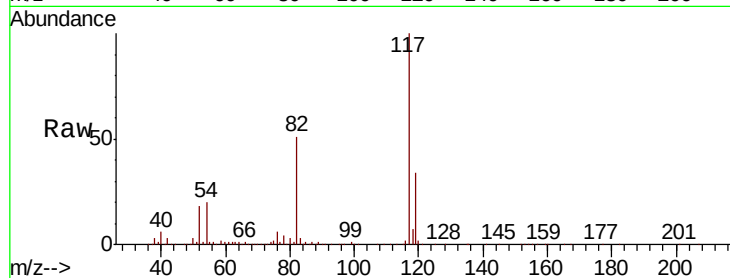
Tot Ion:117 Resp: 380412

Ion Ratio Lower Upper

117 100

82 50.7 42.1 63.1

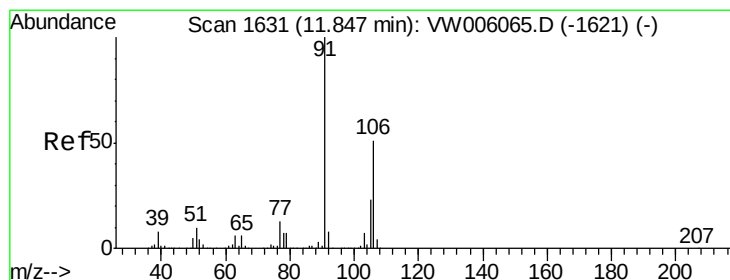
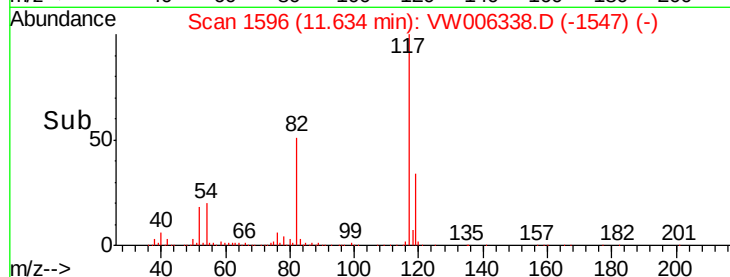
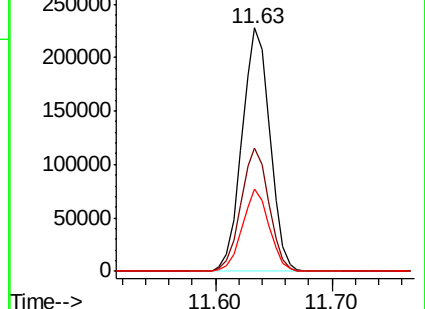
119 33.6 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 2.984 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW006338.D

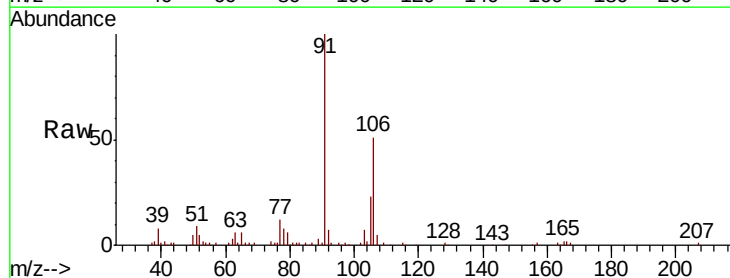
Acq: 25 Oct 2018 01:54

Tgt Ion:106 Resp: 16648

Ion Ratio Lower Upper

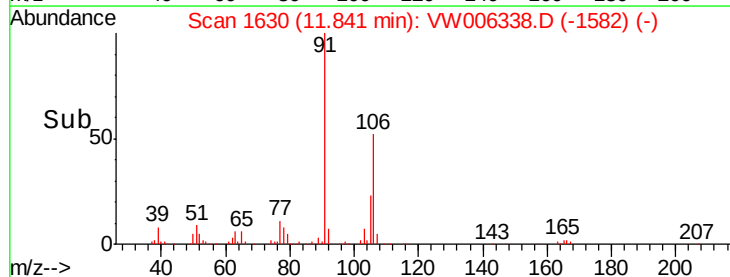
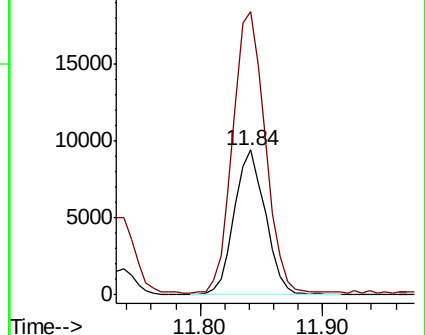
106 100

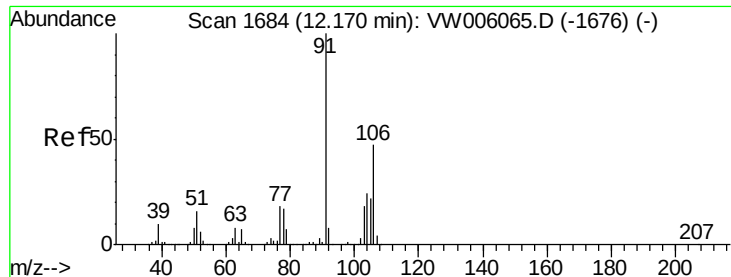
91 199.9 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

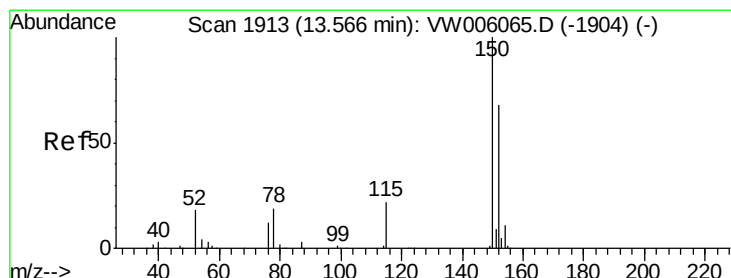
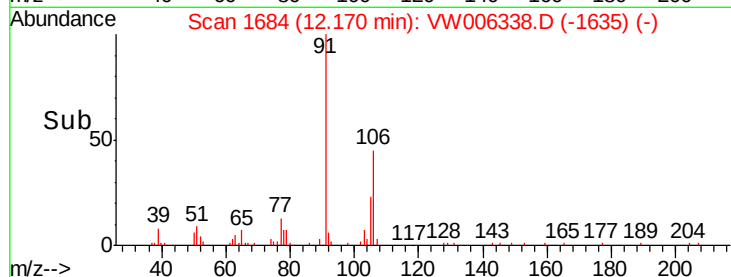
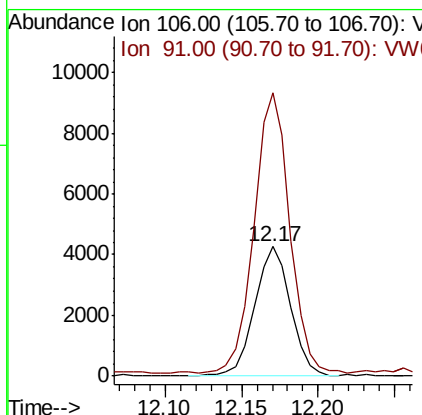
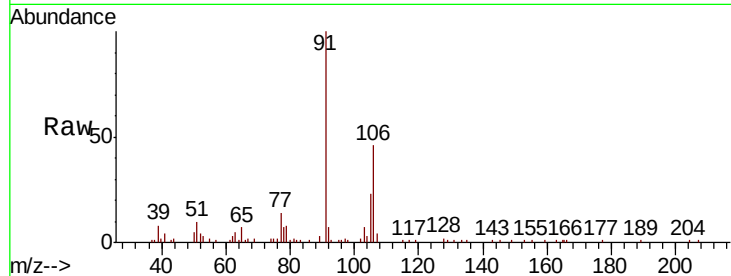




#69
o-Xylene
Concen: 1.308 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

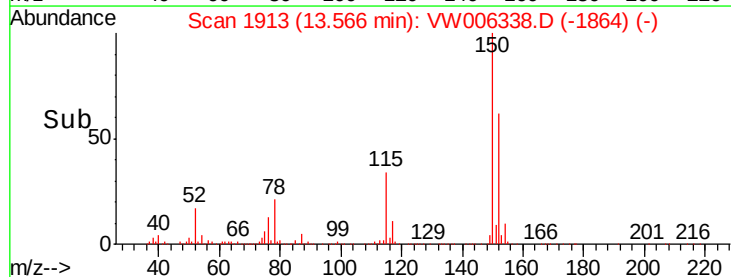
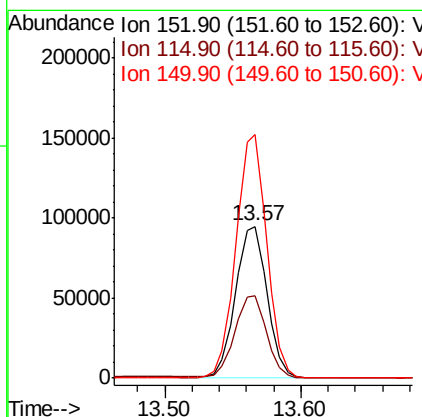
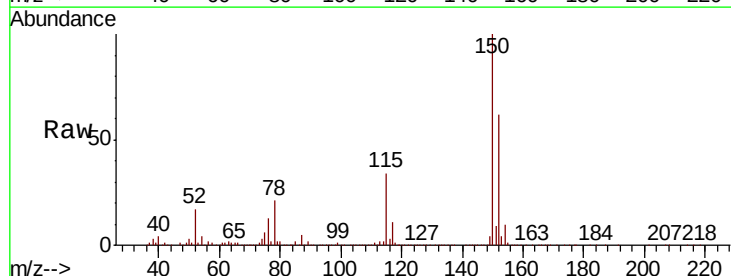
Instrument :
MSVOA_W
ClientSampleId :
OR-02-102318-B

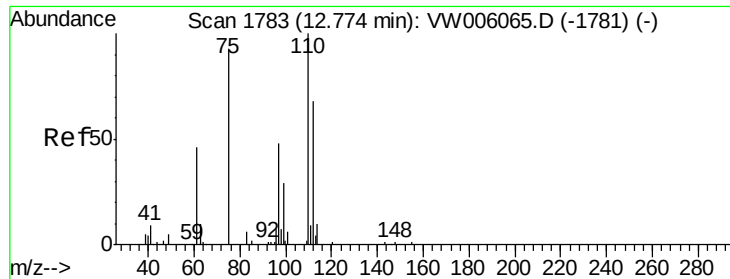
Tot Ion:106 Resp: 6951
Ion Ratio Lower Upper
106 100
91 212.9 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006338.D
Acq: 25 Oct 2018 01:54

Tgt Ion:152 Resp: 153349
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.3
150 156.4 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 67.180 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

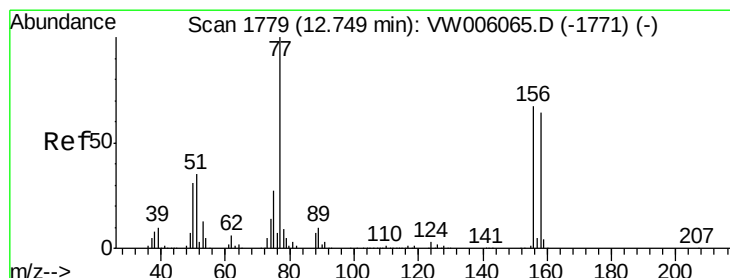
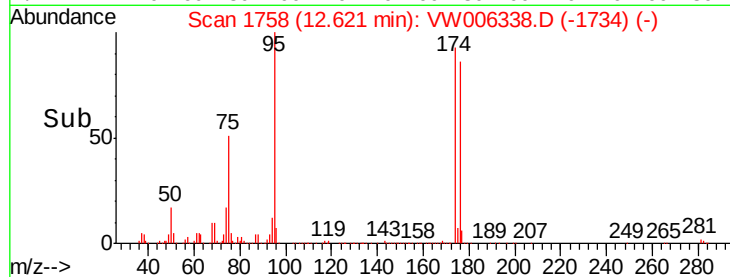
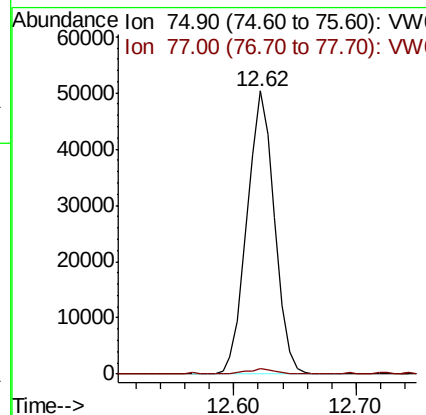
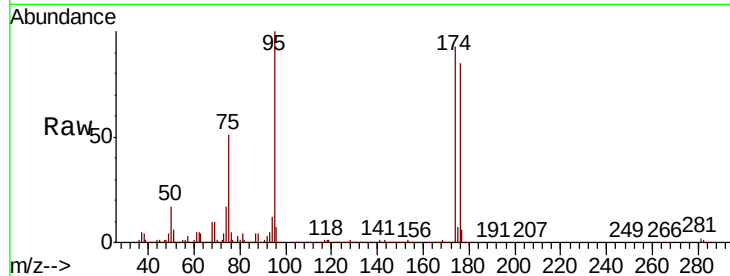
OR-02-102318-B

Tot Ion: 75 Resp: 78687

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#77

Bromobenzene

Concen: 9.472 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. 0.18 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

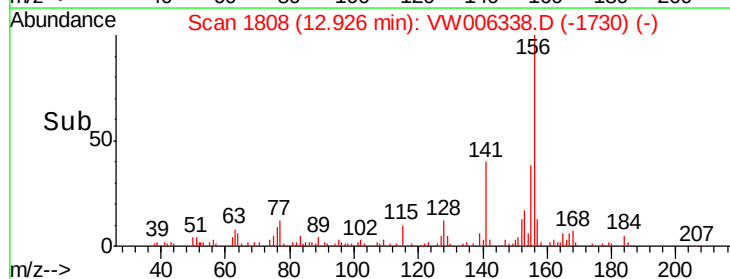
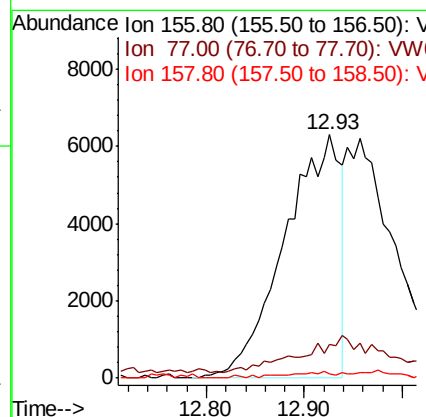
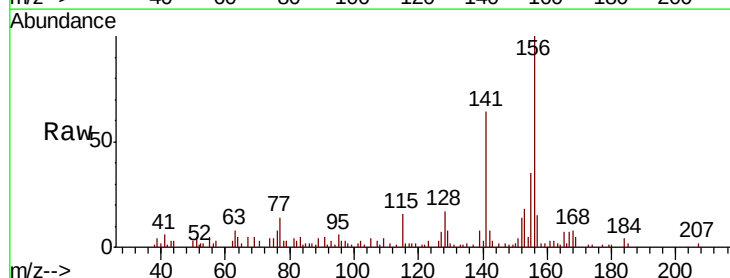
Tgt Ion: 156 Resp: 25133

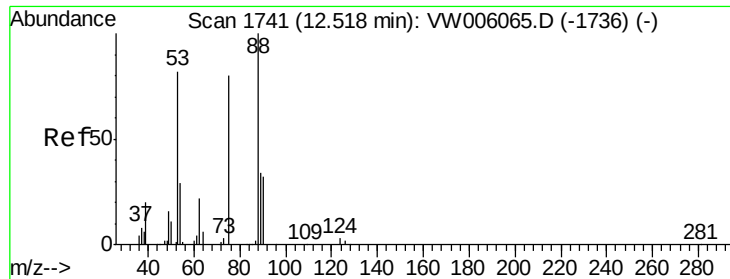
Ion Ratio Lower Upper

156 100

77 2.5 79.1 237.4#

158 0.3 48.5 145.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 160.587 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

Instrument :

MSVOA_W

ClientSampleId :

OR-02-102318-B

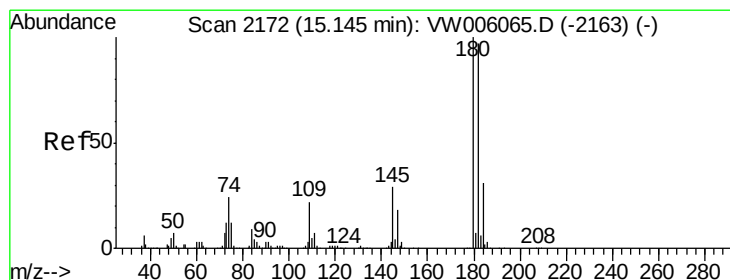
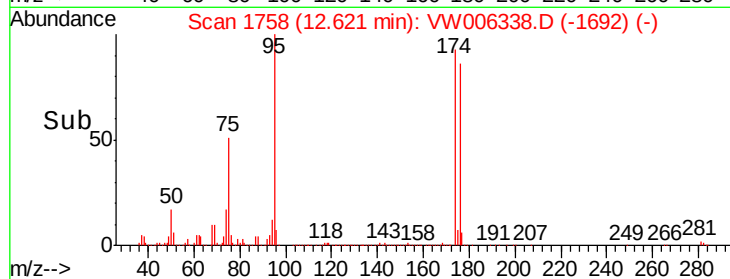
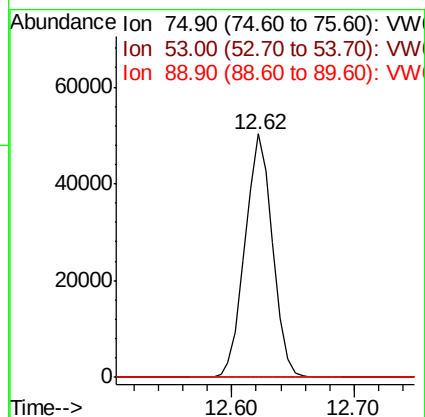
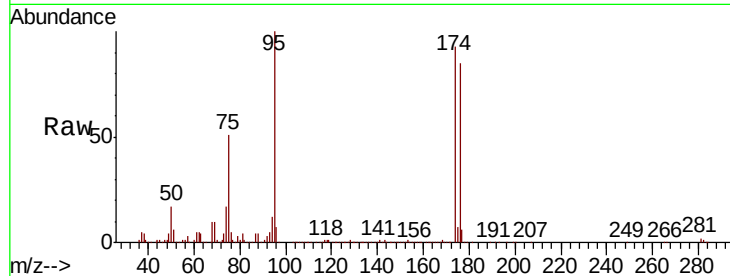
Tot Ion: 75 Resp: 78687

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

89 0.3 37.5 56.3#



#93

1,2,4-Trichlorobenzene

Concen: 1.657 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.01 min

Lab File: VW006338.D

Acq: 25 Oct 2018 01:54

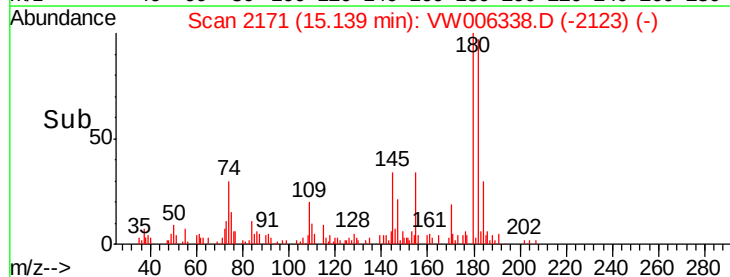
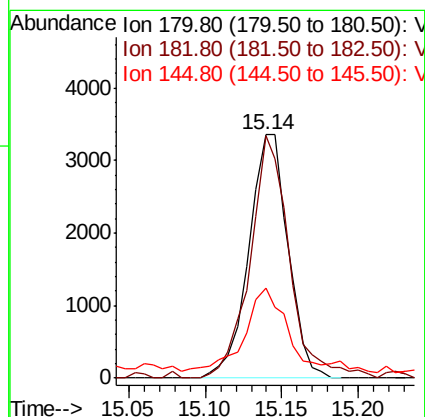
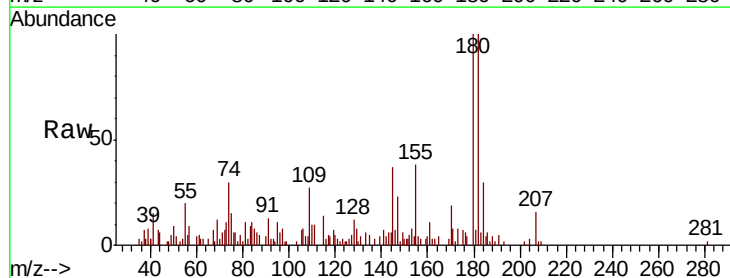
Tgt Ion: 180 Resp: 6006

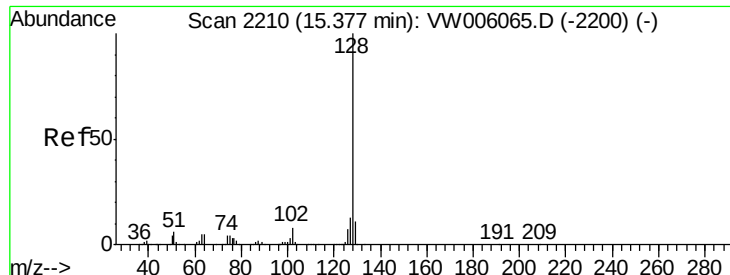
Ion Ratio Lower Upper

180 100

182 100.0 47.9 143.6

145 36.3 14.2 42.8

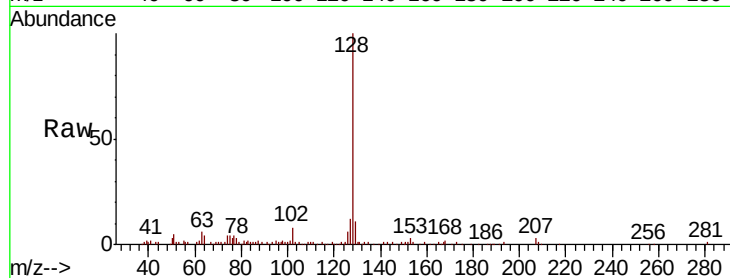




#95
 Naphthalene
 Concen: 6.736 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW006338.D
 Acq: 25 Oct 2018 01:54

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-02-102318-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.3	15.5
129	11.2	8.7	13.1



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

