

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003453.D
 Acq On : 23 Jun 2018 11:55
 Operator : SY/AP
 Sample : VW0623SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBL01

Quant Time: Jun 25 02:30:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	253738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	405252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	369992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178334	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	145406	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
35) Dibromofluoromethane	7.88	113	130701	51.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.80%	
50) Toluene-d8	10.33	98	508071	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.63	95	161587	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	

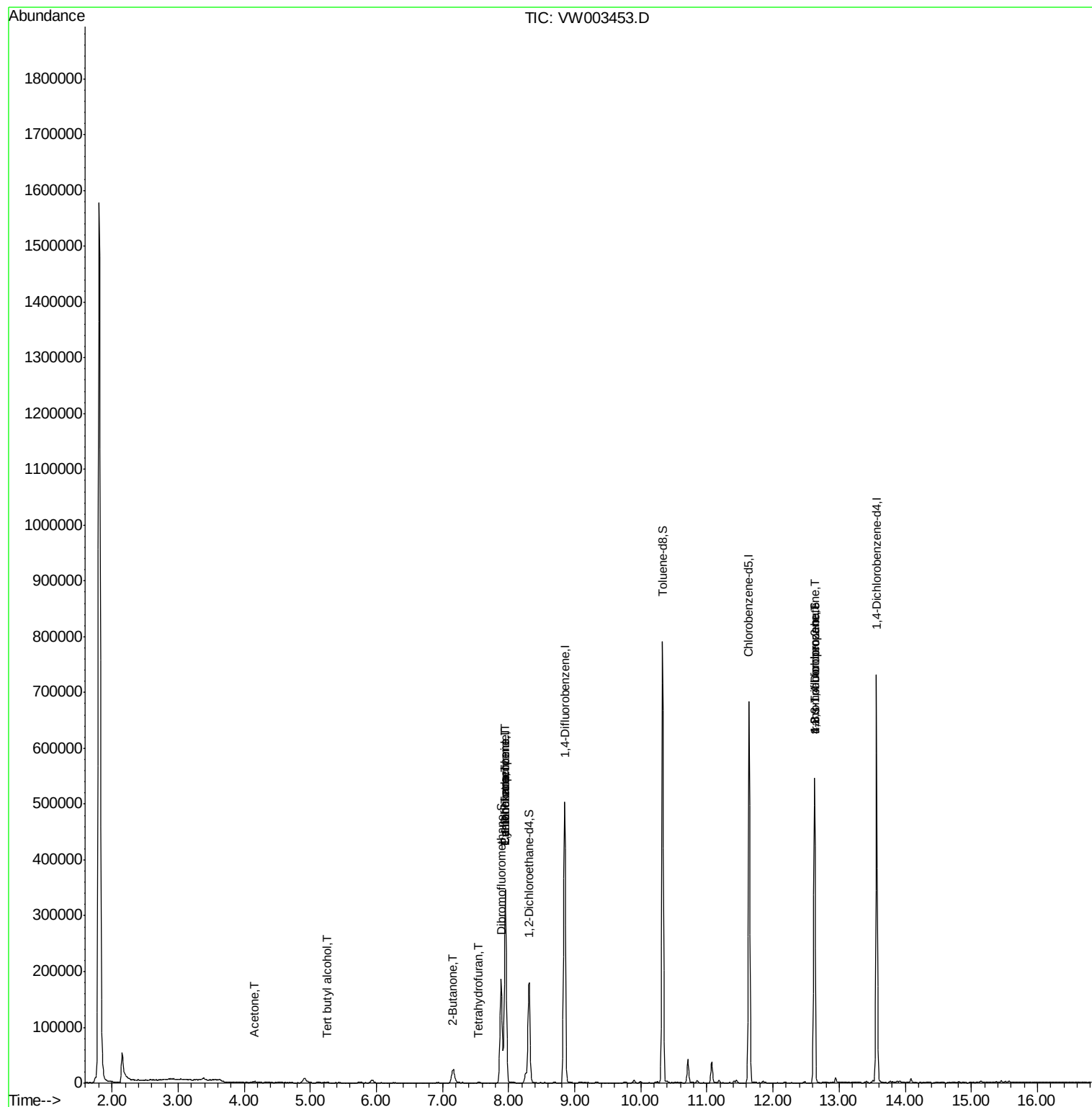
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.25	59	343	2.327	ug/l #	84
16) Acetone	4.15	43	4458	7.734	ug/l	97
20) Methylene Chloride	4.92	84	5610	Below Cal	#	78
25) 2-Butanone	7.15	43	918	1.281	ug/l #	75
29) Tetrahydrofuran	7.55	42	519	1.185	ug/l #	47
31) Cyclohexane	7.95	56	6433	1.449	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	21339	5.452	ug/l #	50
38) Carbon Tetrachloride	7.95	117	26051	6.786	ug/l #	15
76) 1,2,3-Trichloropropane	12.63	75	88475	58.034	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	88475	133.538	ug/l #	8

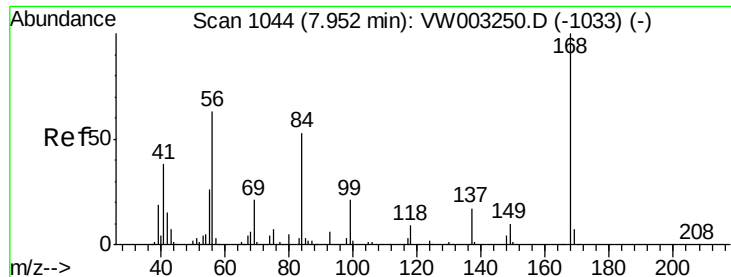
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
Data File : VW003453.D
Acq On : 23 Jun 2018 11:55
Operator : SY/AP
Sample : VW0623SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBL01

Quant Time: Jun 25 02:30:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

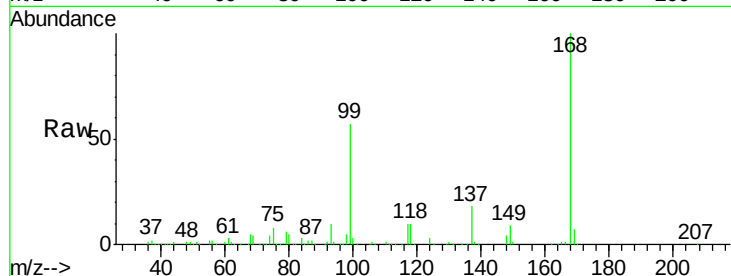
VW0623SBL01

Tgt Ion:168 Resp: 253738

Ion Ratio Lower Upper

168 100

99 56.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

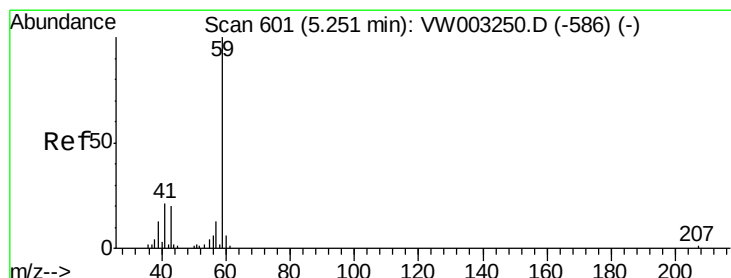
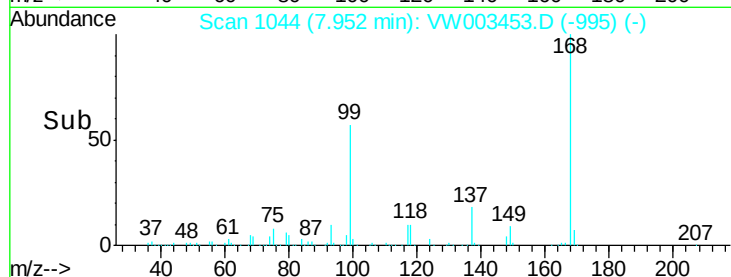
7.95

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.327 ug/l

RT: 5.25 min Scan# 600

Delta R.T. -0.01 min

Lab File: VW003453.D

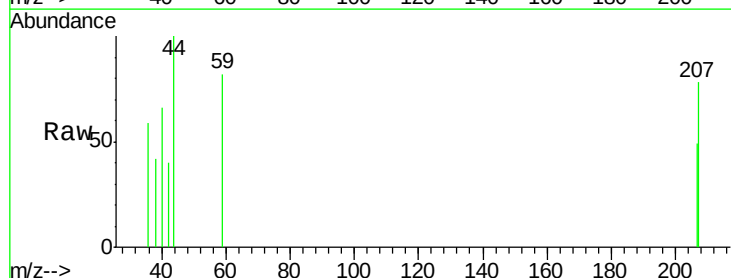
Acq: 23 Jun 2018 11:55

Tgt Ion: 59 Resp: 343

Ion Ratio Lower Upper

59 100

57 0.0 4.2 6.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.25

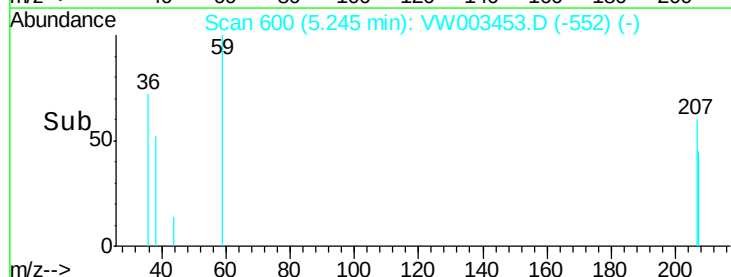
150

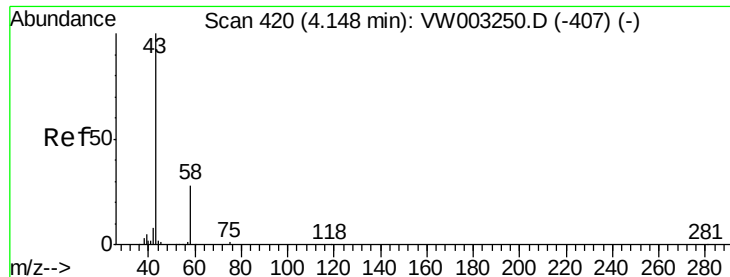
100

50

0

Time-->





#16

Acetone

Concen: 7.734 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

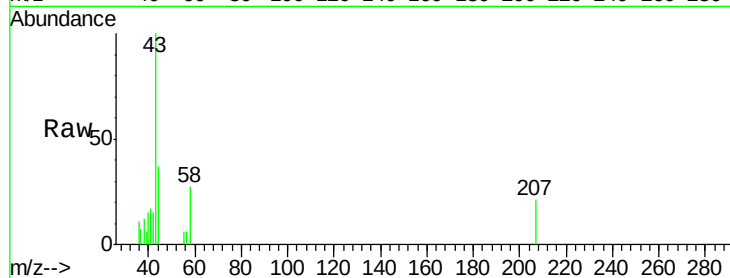
VW0623SBL01

Tgt Ion: 43 Resp: 4458

Ion Ratio Lower Upper

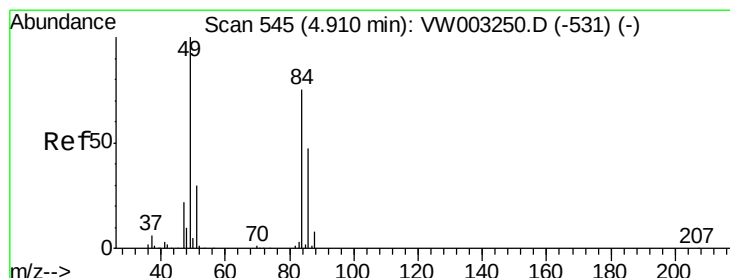
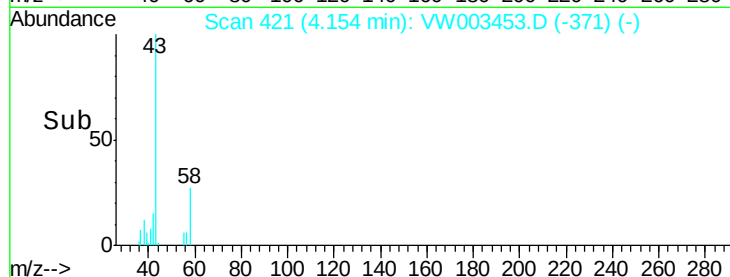
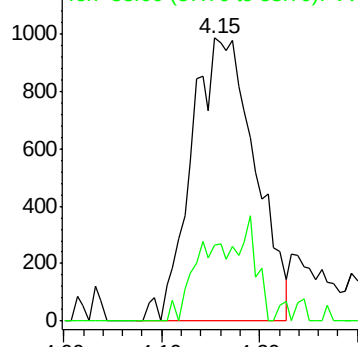
43 100

58 26.7 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

Tgt Ion: 84 Resp: 5610

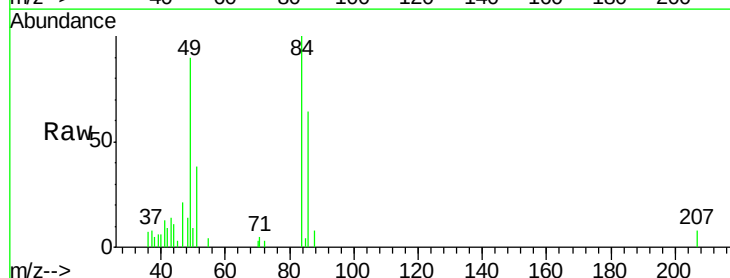
Ion Ratio Lower Upper

84 100

49 90.2 106.3 159.5#

51 37.6 32.0 48.0

86 64.4 49.9 74.9

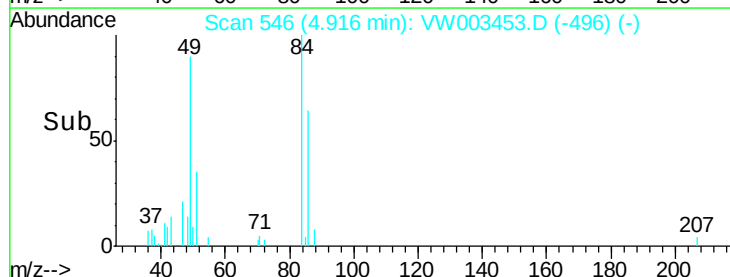
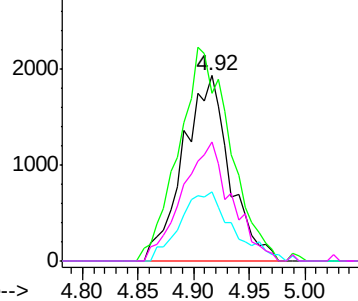


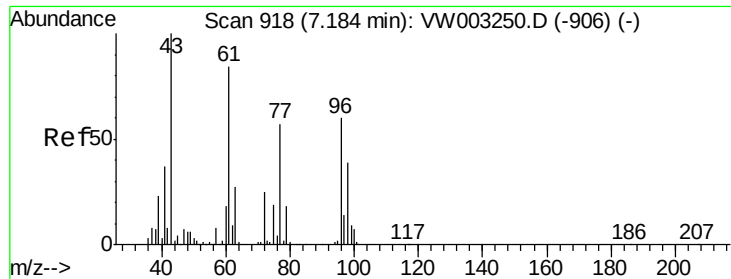
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 1.281 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.04 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

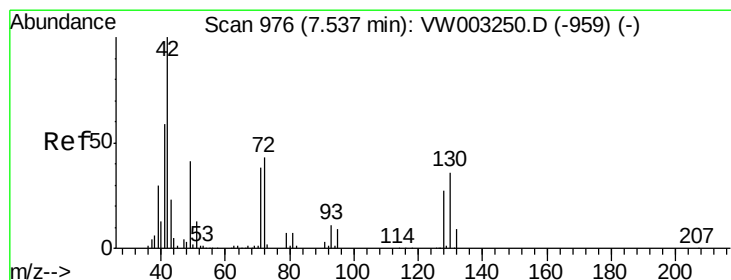
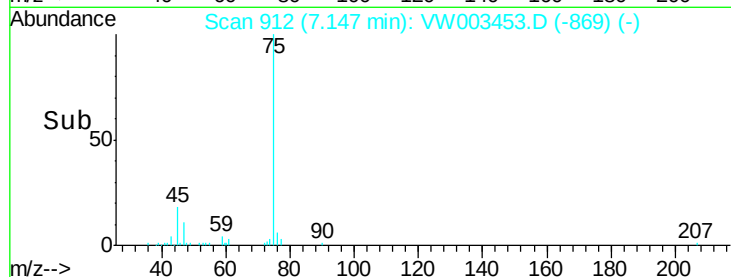
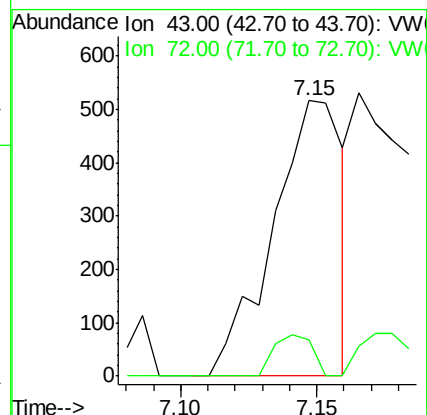
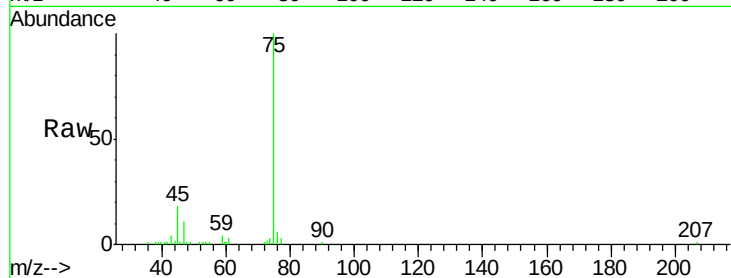
VW0623SBL01

Tgt Ion: 43 Resp: 918

Ion Ratio Lower Upper

43 100

72 13.0 20.3 30.5#



#29

Tetrahydrofuran

Concen: 1.185 ug/l

RT: 7.55 min Scan# 978

Delta R.T. 0.01 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

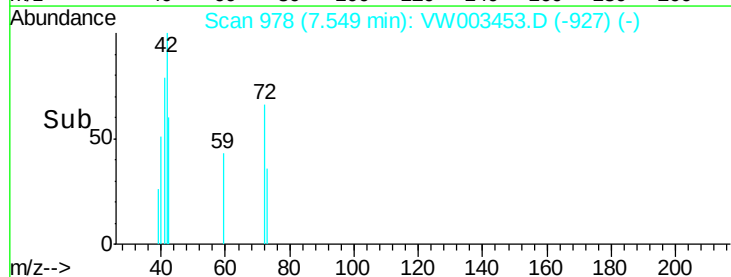
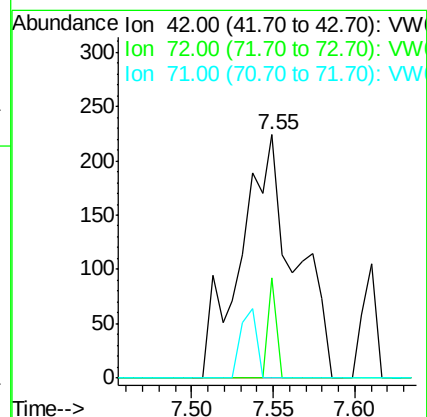
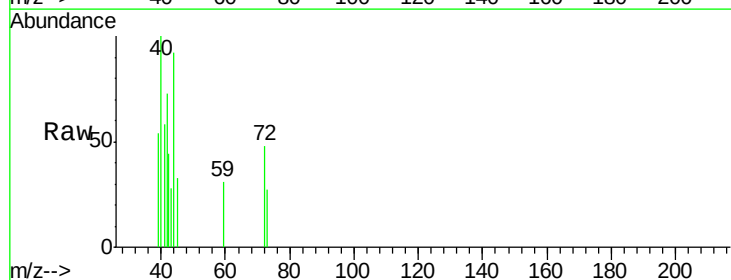
Tgt Ion: 42 Resp: 519

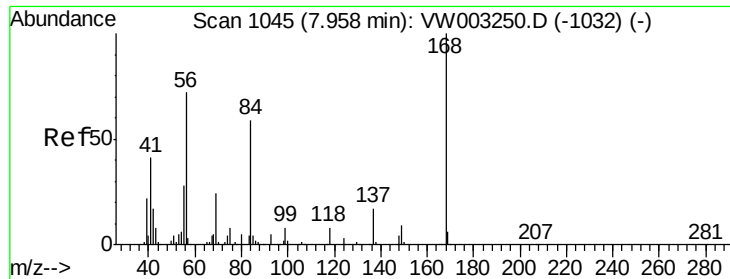
Ion Ratio Lower Upper

42 100

72 6.6 32.4 48.6#

71 8.1 31.2 46.8#

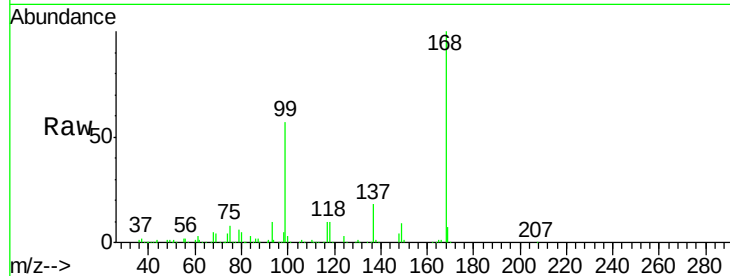




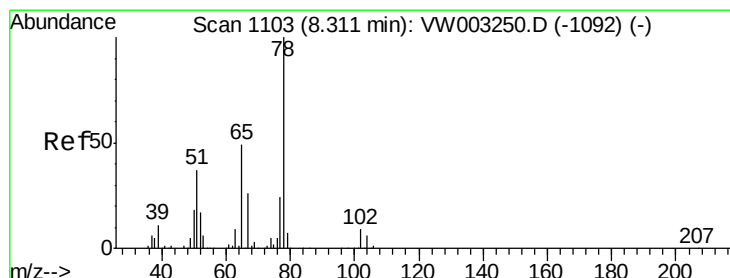
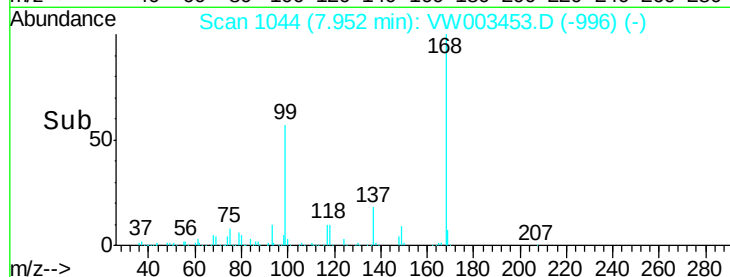
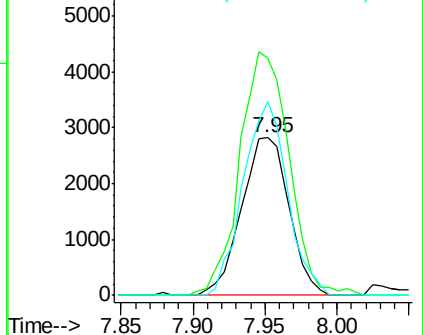
#31
Cyclohexane
Concen: 1.449 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW003453.D
Acq: 23 Jun 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBL01

Tgt Ion: 56 Resp: 6433
Ion Ratio Lower Upper
56 100
69 150.7 26.3 39.5#
84 122.7 65.7 98.5#

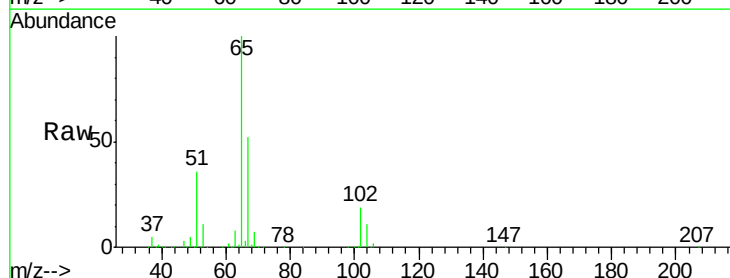


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

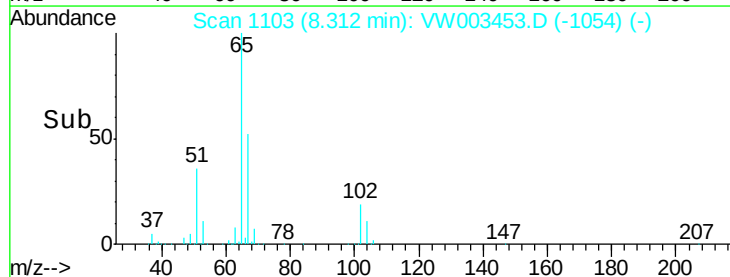
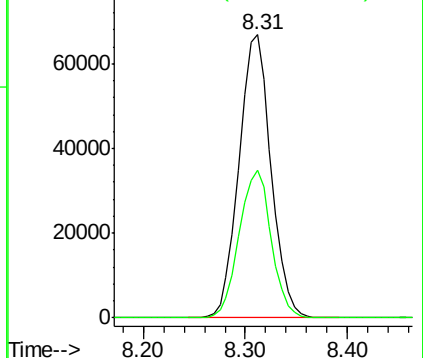


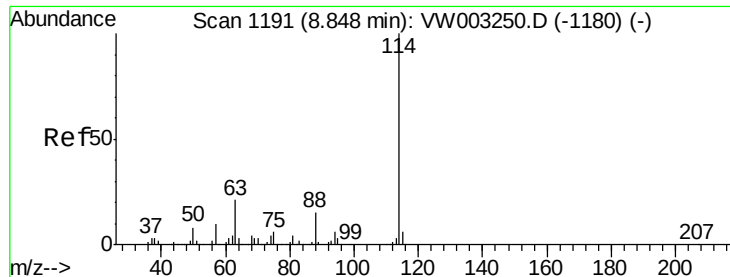
#33
1,2-Dichloroethane-d4
Concen: 52.906 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003453.D
Acq: 23 Jun 2018 11:55

Tgt Ion: 65 Resp: 145406
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.2



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# 1191

Delta R.T. 0.00 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBL01

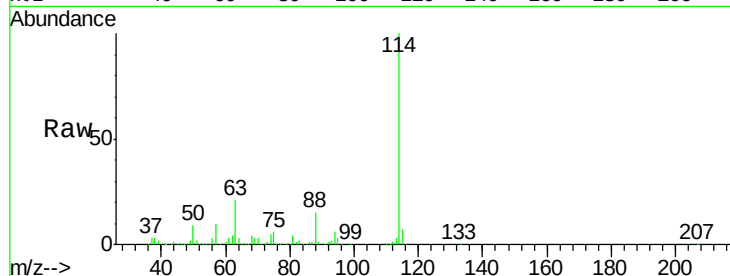
Tgt Ion:114 Resp: 405252

Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.0

88 15.2 0.0 29.6



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

250000

200000

150000

100000

50000

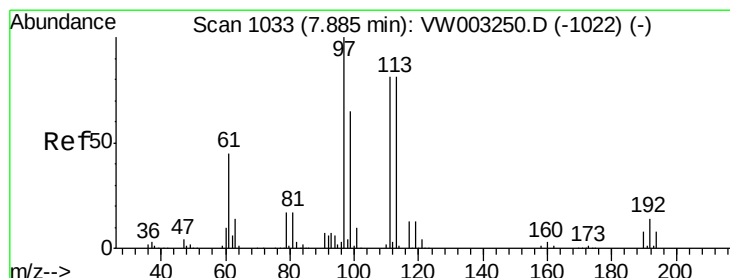
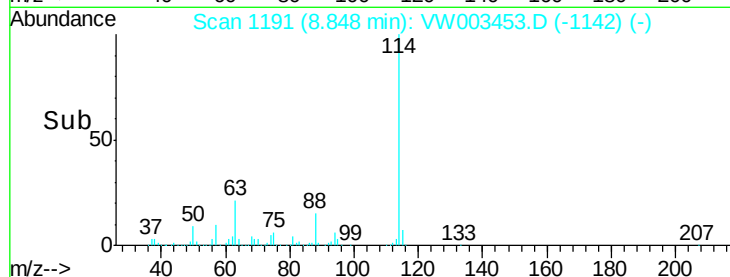
0

8.80

8.85

8.90

Time-->



#35

Dibromofluoromethane

Concen: 51.904 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

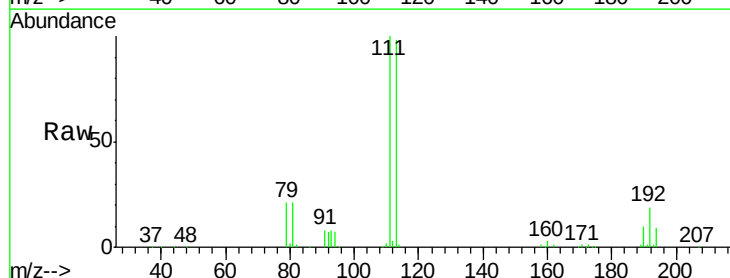
Tgt Ion:113 Resp: 130701

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 19.6 16.2 24.2



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

60000

40000

20000

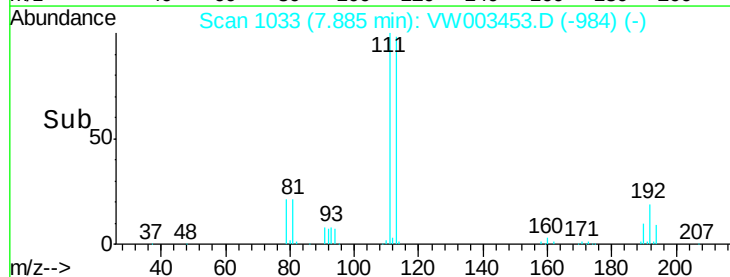
0

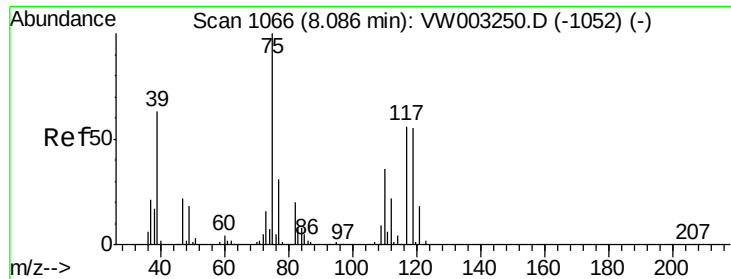
7.80

7.88

7.90

Time-->

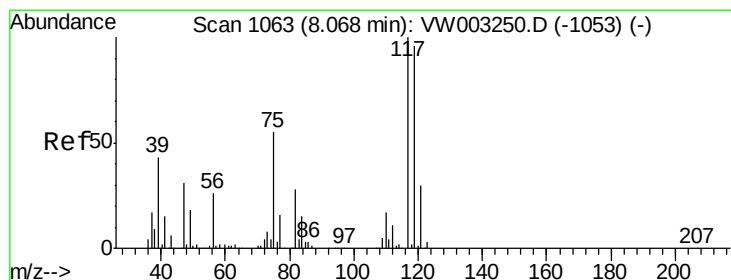
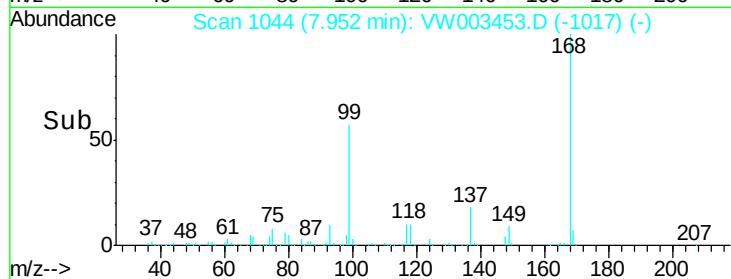
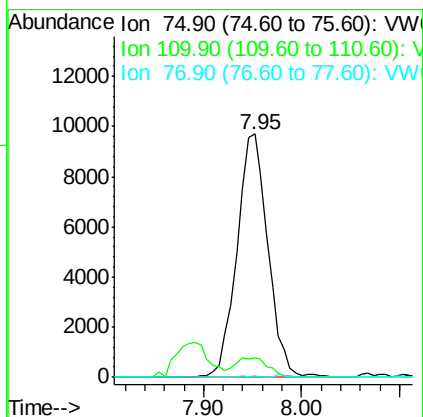
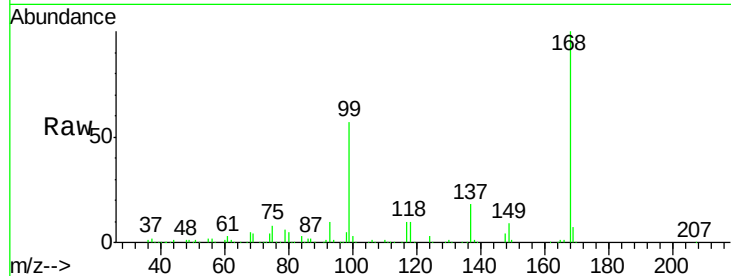




#36
 1,1-Dichloropropene
 Concen: 5.452 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003453.D
 Acq: 23 Jun 2018 11:55

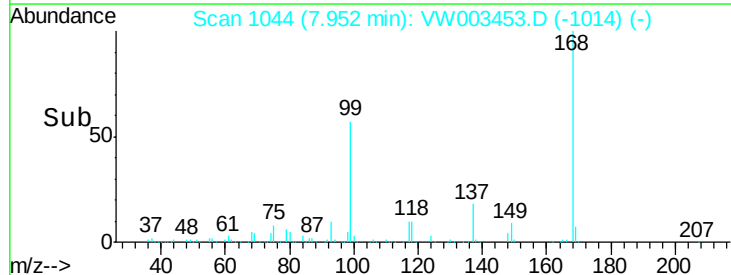
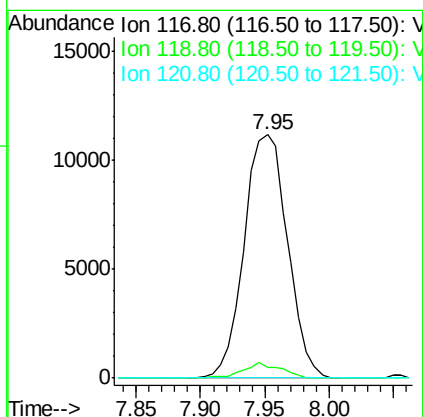
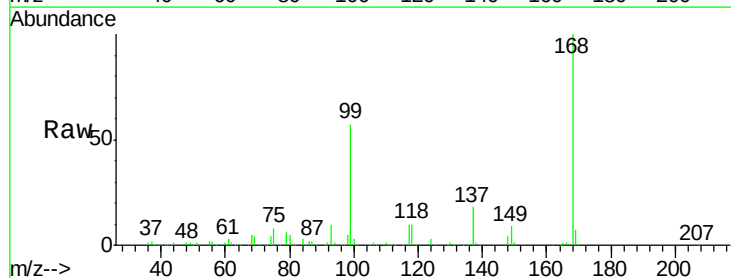
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBL01

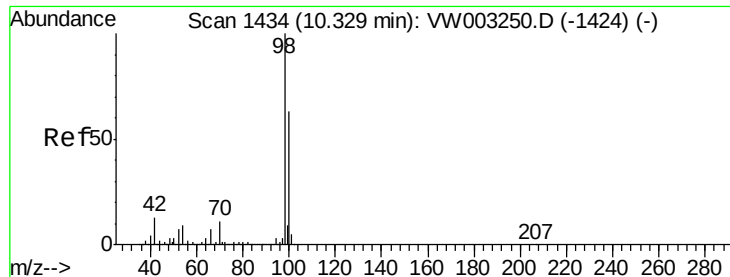
Tgt Ion: 75 Resp: 21339
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.1 51.3#
 77 0.2 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.786 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003453.D
 Acq: 23 Jun 2018 11:55

Tgt Ion: 117 Resp: 26051
 Ion Ratio Lower Upper
 117 100
 119 4.2 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 50.884 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

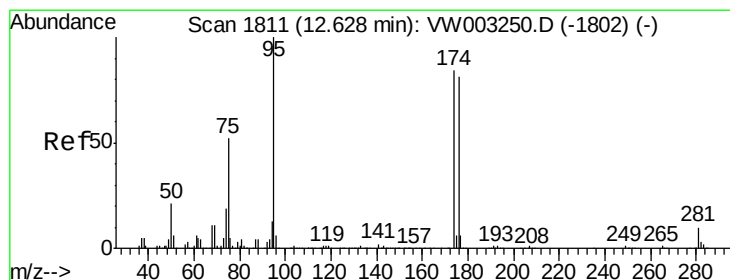
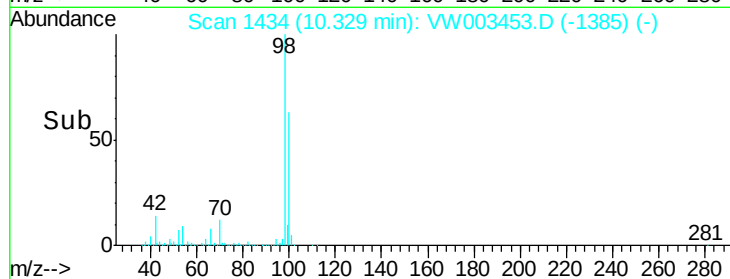
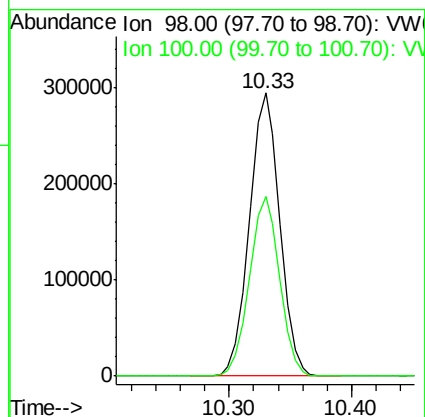
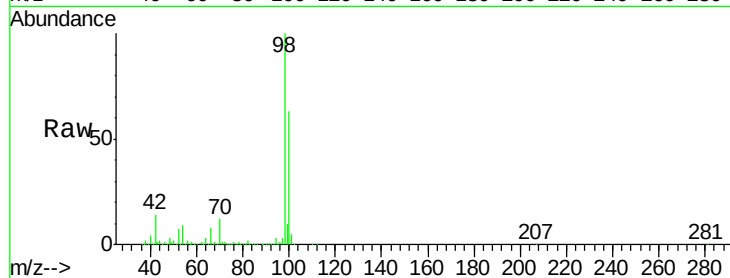
VW0623SBL01

Tgt Ion: 98 Resp: 508071

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 45.729 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

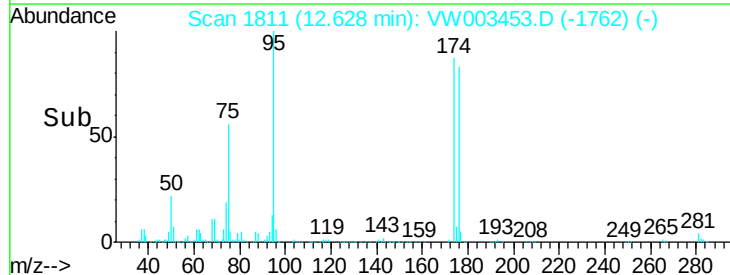
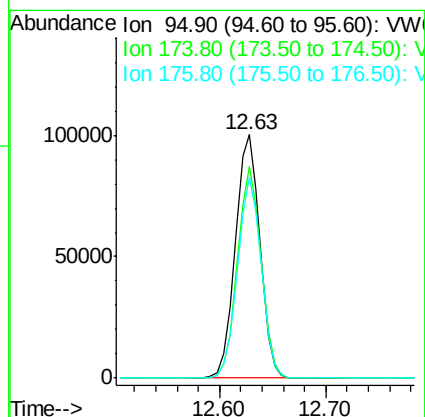
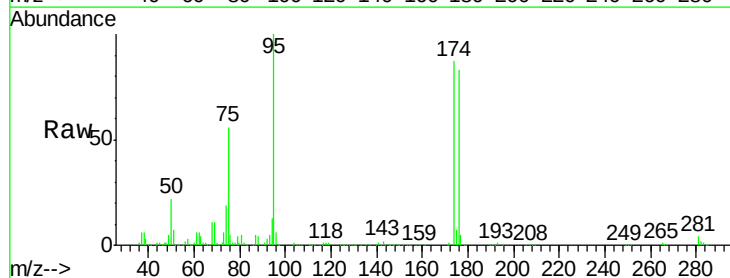
Tgt Ion: 95 Resp: 161587

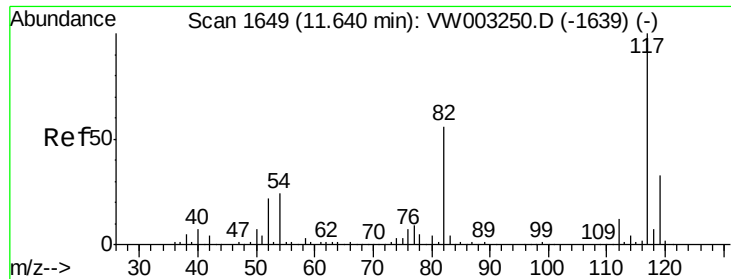
Ion Ratio Lower Upper

95 100

174 84.5 0.0 166.4

176 80.1 0.0 162.0

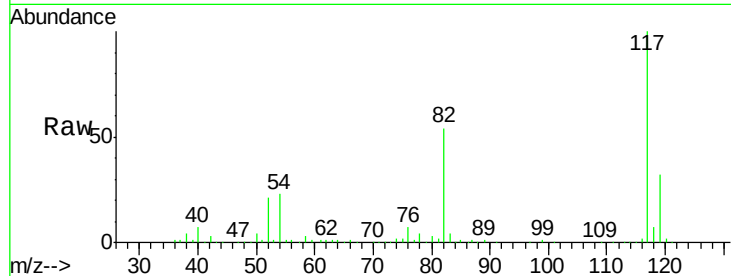




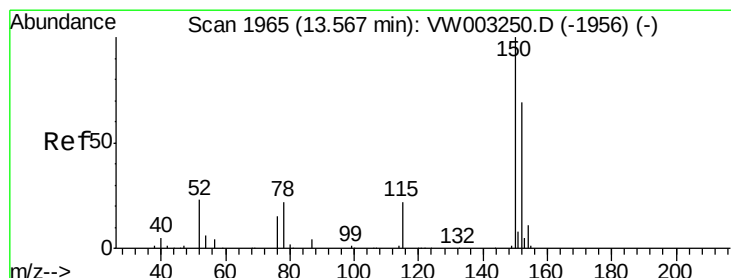
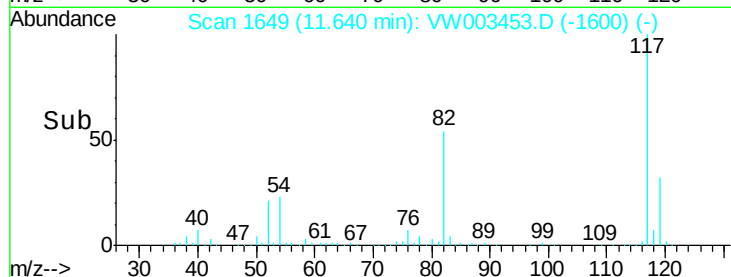
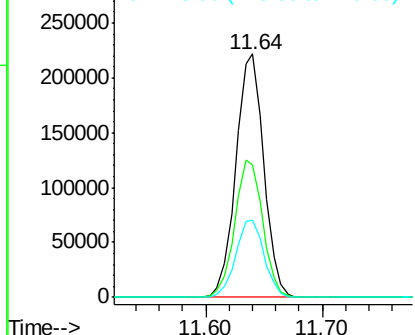
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003453.D
Acq: 23 Jun 2018 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0623SBL01

Tgt Ion:117 Resp: 369992
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.5 26.7 40.1

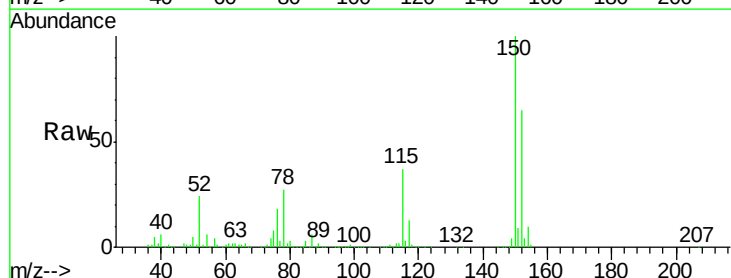


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

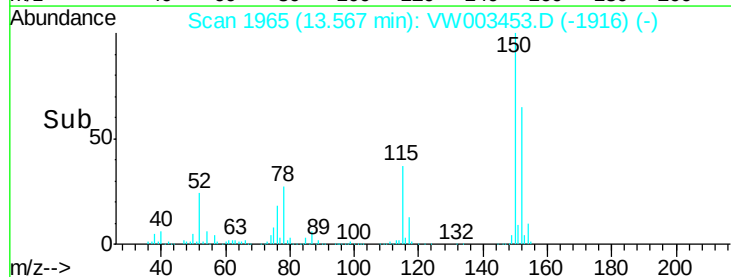
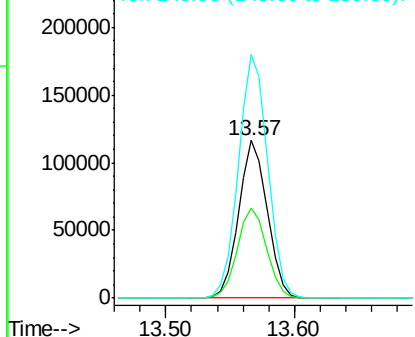


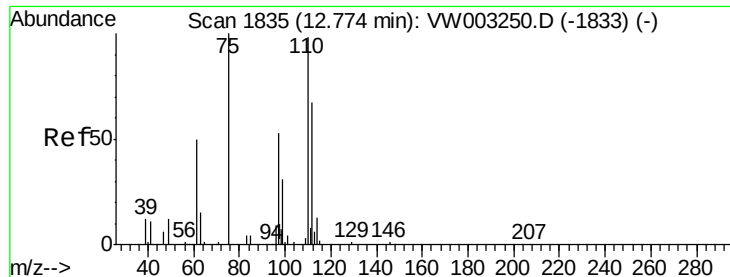
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003453.D
Acq: 23 Jun 2018 11:55

Tgt Ion:152 Resp: 178334
Ion Ratio Lower Upper
152 100
115 58.5 29.3 88.0
150 157.4 0.0 349.6



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: 58.034 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

Instrument :

MSVOA_W

ClientSampleId :

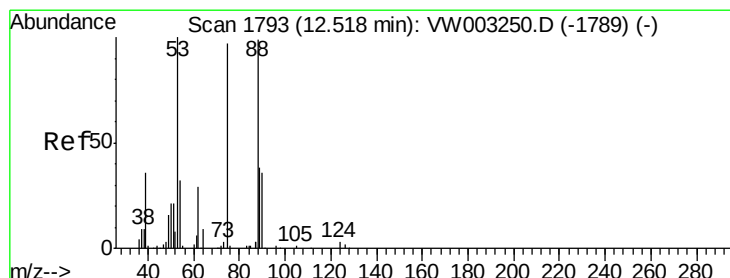
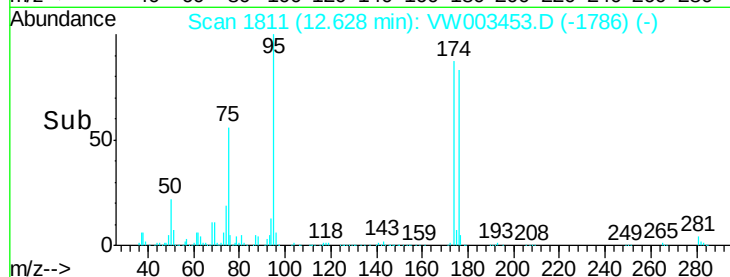
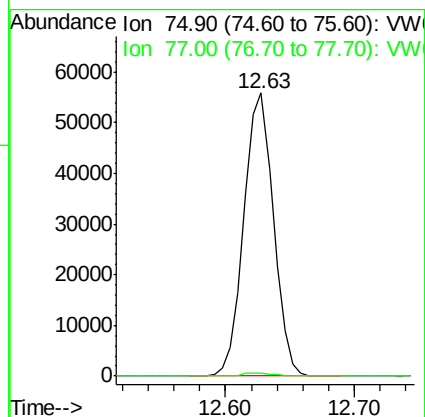
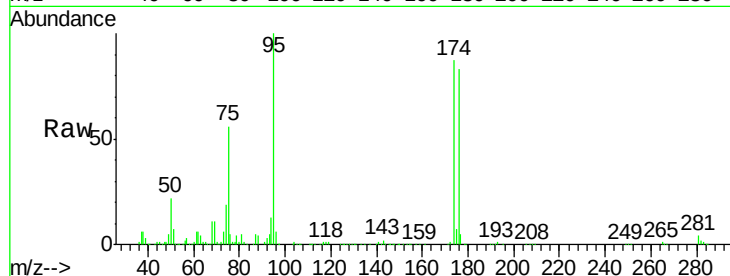
VW0623SBL01

Tgt Ion: 75 Resp: 88475

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.538 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003453.D

Acq: 23 Jun 2018 11:55

Tgt Ion: 75 Resp: 88475

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.0 36.7 55.1#

