

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003462.D
 Acq On : 23 Jun 2018 16:02
 Operator : SY/AP
 Sample : J3664-05
 Misc : 6.61G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0482-180619

Quant Time: Jun 25 03:54:40 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	179172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	292820	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	263713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	124041	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	81386	41.94	ug/l	0.00
Spiked Amount			Recovery	=	83.88%	
35) Dibromofluoromethane	7.89	113	66944	36.79	ug/l	0.00
Spiked Amount			Recovery	=	73.58%	
50) Toluene-d8	10.33	98	242303	33.58	ug/l	0.00
Spiked Amount			Recovery	=	67.16%	
62) 4-Bromofluorobenzene	12.63	95	84318	33.02	ug/l	0.00
Spiked Amount			Recovery	=	66.04%	

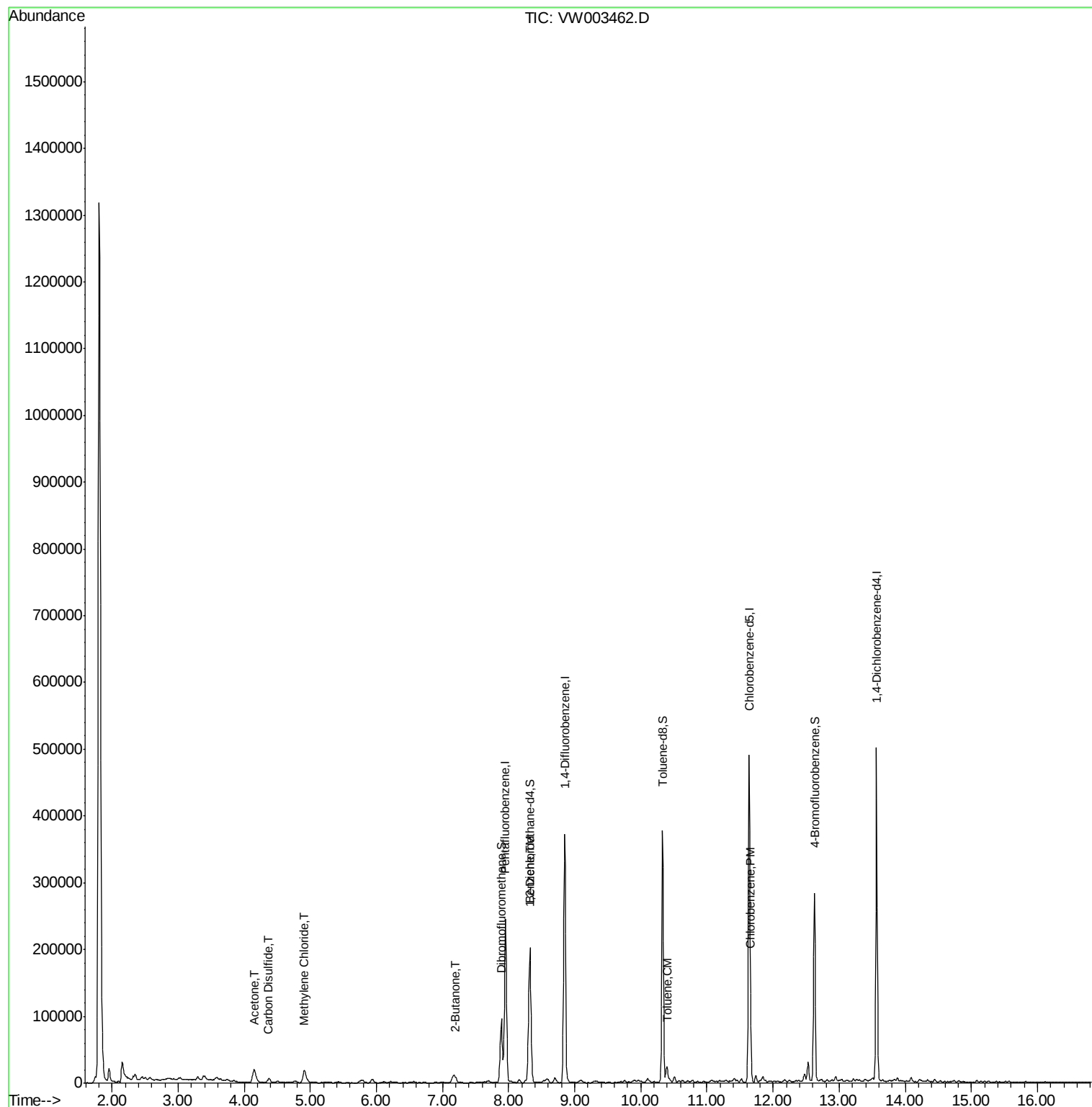
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	43863	107.76	ug/l	98
17) Carbon Disulfide	4.37	76	14166	2.95	ug/l	98
20) Methylene Chloride	4.91	84	14061	4.82	ug/l	91
25) 2-Butanone	7.20	43	12246	24.20	ug/l #	84
40) Benzene	8.33	78	134054	17.20	ug/l	100
52) Toluene	10.39	92	8894	1.78	ug/l	98
65) Chlorobenzene	11.66	112	31779	5.79	ug/l	99

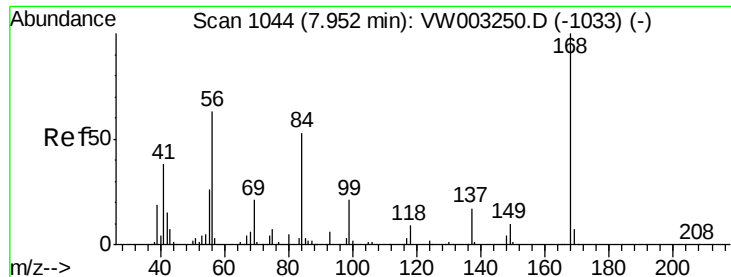
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062318\
Data File : VW003462.D
Acq On : 23 Jun 2018 16:02
Operator : SY/AP
Sample : J3664-05
Misc : 6.61G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DUP-0482-180619

Quant Time: Jun 25 03:54:40 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: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003462.D

Acq: 23 Jun 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

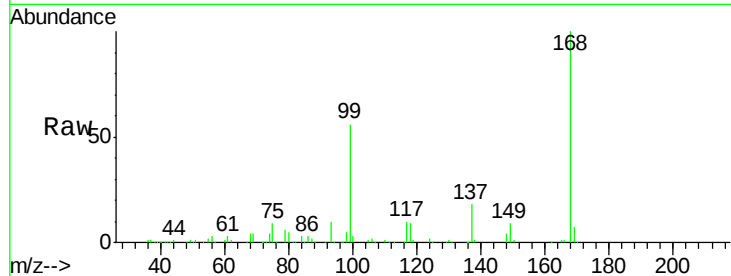
DUP-0482-180619

Tot Ion:168 Resp: 179172

Ion Ratio Lower Upper

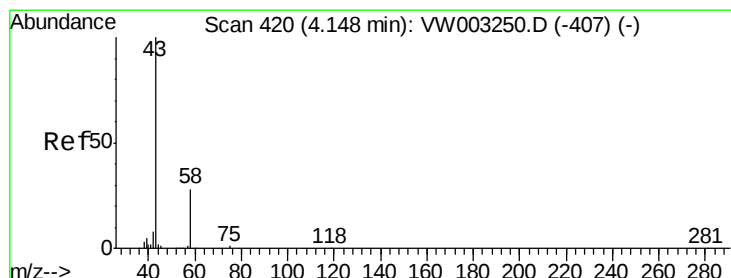
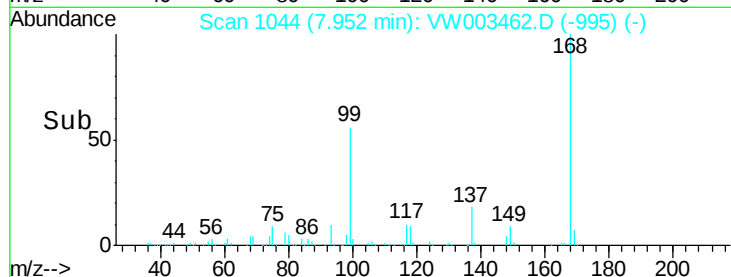
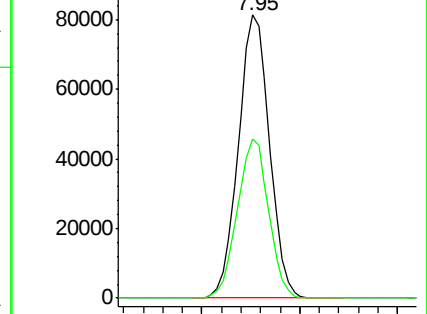
168 100

99 56.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 107.76 ug/l

RT: 4.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VW003462.D

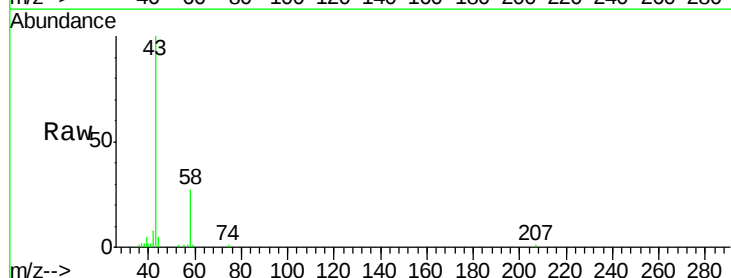
Acq: 23 Jun 2018 16:02

Tgt Ion: 43 Resp: 43863

Ion Ratio Lower Upper

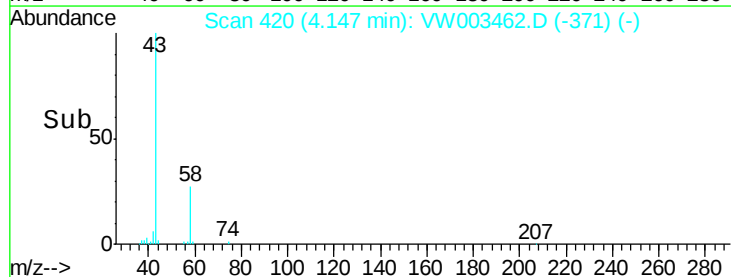
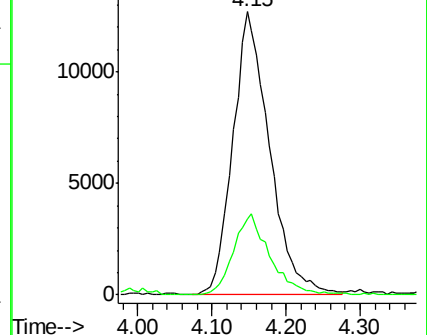
43 100

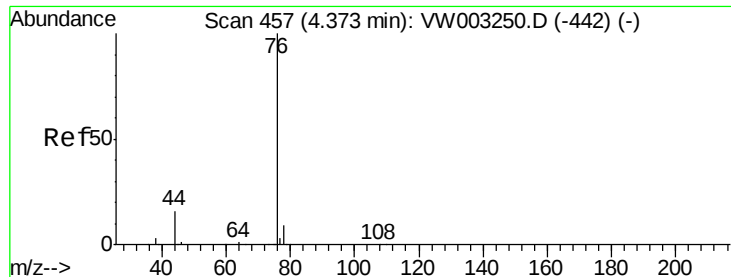
58 27.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

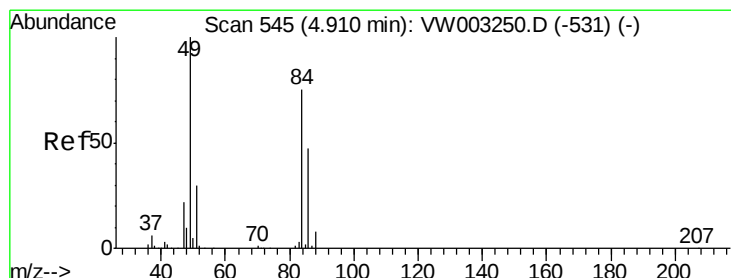
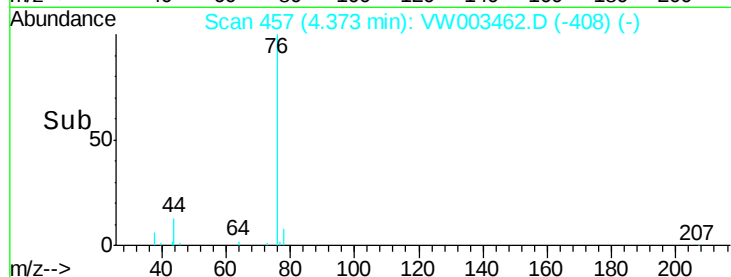
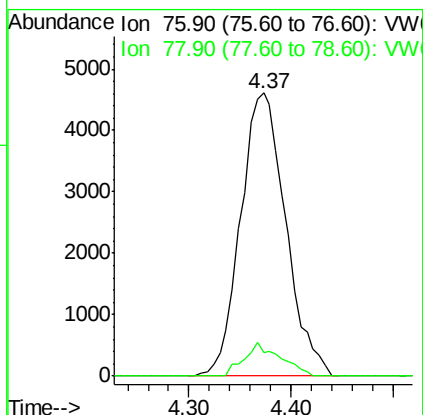
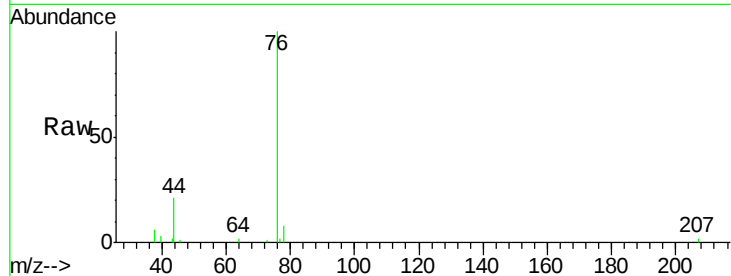




#17
Carbon Disulfide
Concen: 2.95 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW003462.D
Acq: 23 Jun 2018 16:02

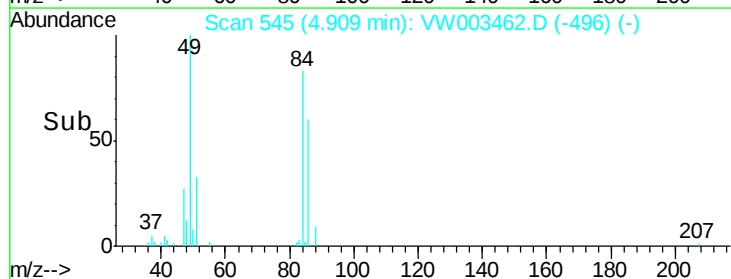
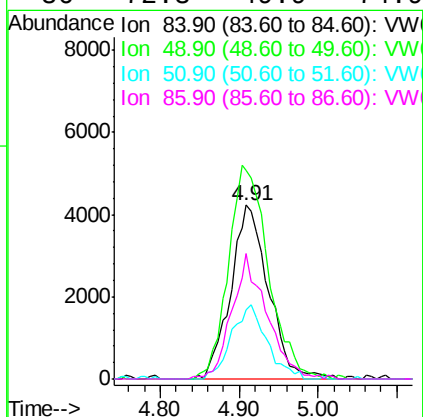
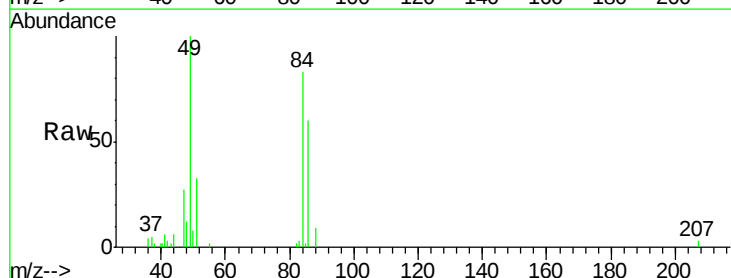
Instrument :
MSVOA_W
ClientSampleId :
DUP-0482-180619

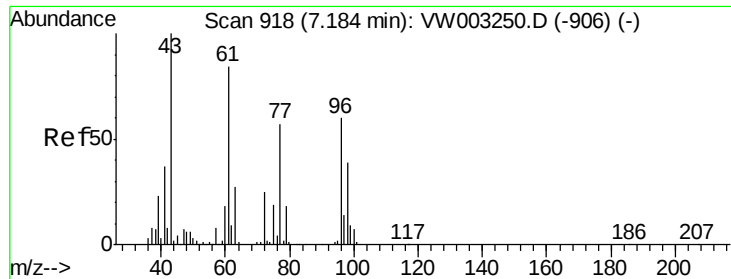
Tot Ion: 76 Resp: 14166
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7



#20
Methylene Chloride
Concen: 4.82 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003462.D
Acq: 23 Jun 2018 16:02

Tgt Ion: 84 Resp: 14061
Ion Ratio Lower Upper
84 100
49 120.4 106.3 159.5
51 39.9 32.0 48.0
86 72.3 49.9 74.9





#25

2-Butanone

Concen: 24.20 ug/l

RT: 7.20 min Scan# 920

Delta R.T. 0.01 min

Lab File: VW003462.D

Acq: 23 Jun 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

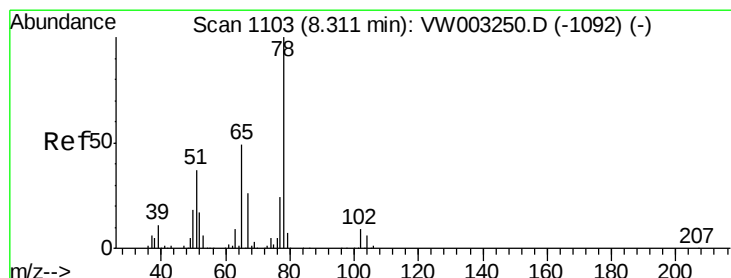
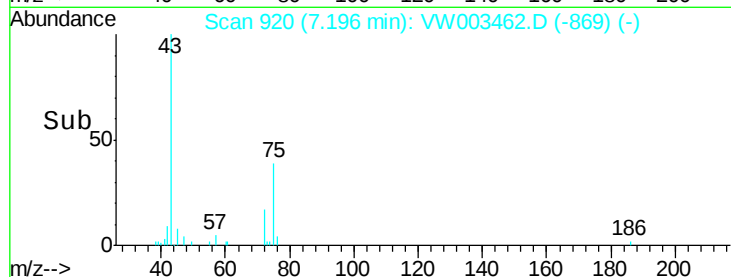
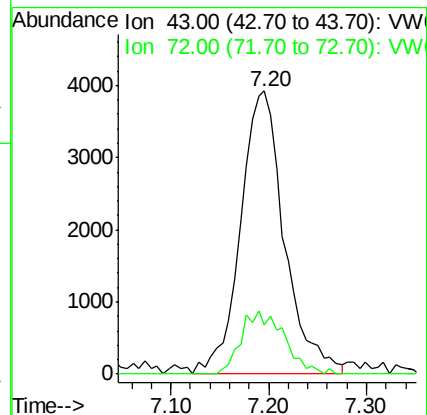
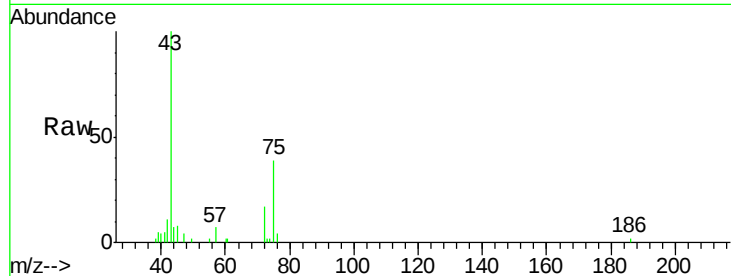
DUP-0482-180619

Tot Ion: 43 Resp: 12246

Ion Ratio Lower Upper

43 100

72 17.2 20.3 30.5#



#33

1,2-Dichloroethane-d4

Concen: 41.94 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW003462.D

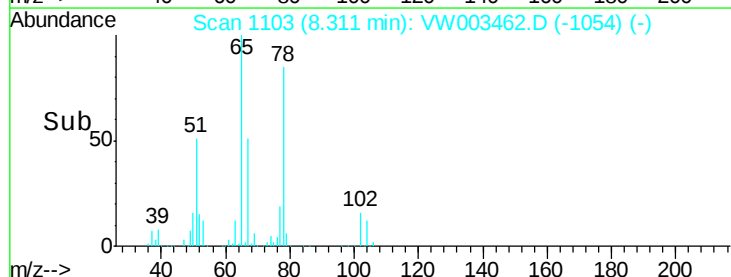
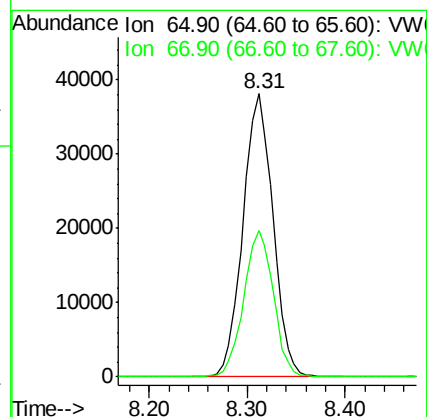
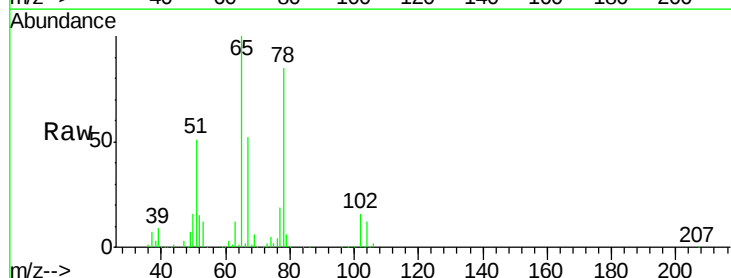
Acq: 23 Jun 2018 16:02

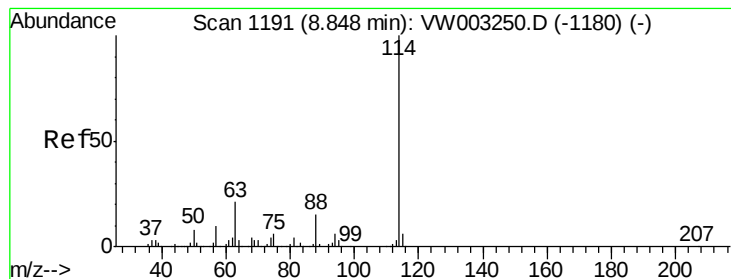
Tgt Ion: 65 Resp: 81386

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003462.D

Acq: 23 Jun 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

DUP-0482-180619

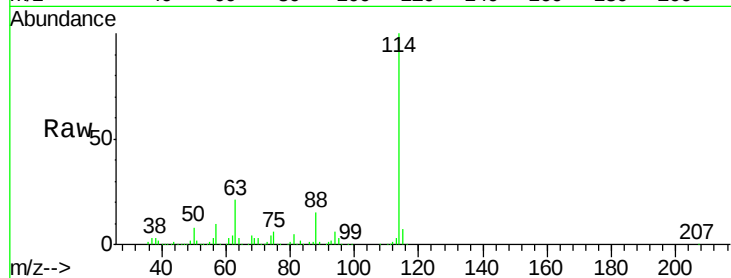
Tot Ion:114 Resp: 292820

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

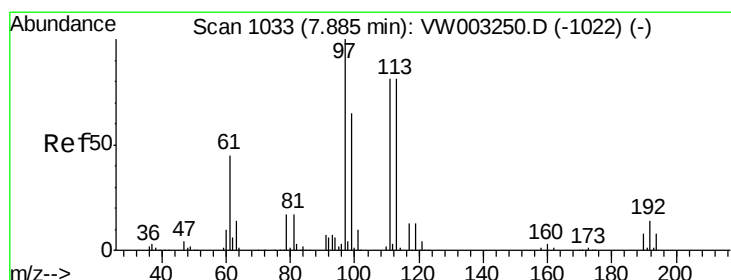
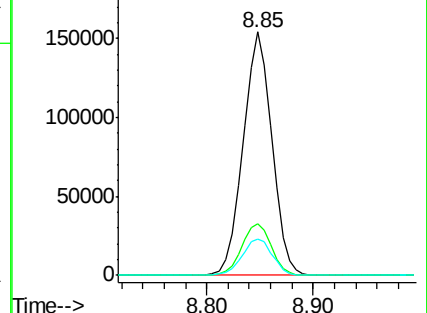
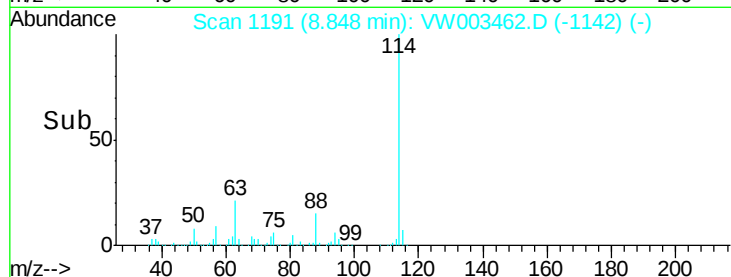
88 14.7 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 36.79 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003462.D

Acq: 23 Jun 2018 16:02

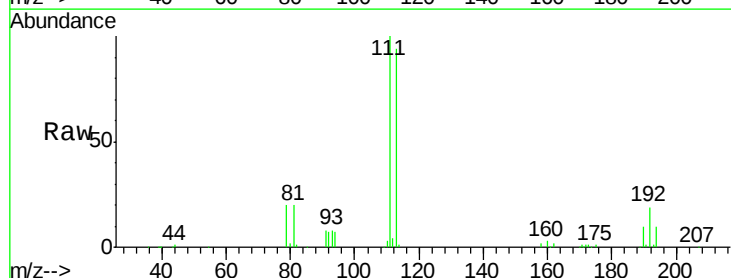
Tgt Ion:113 Resp: 66944

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

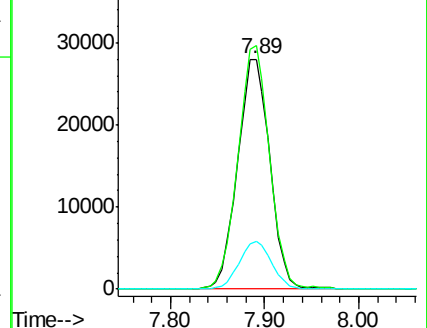
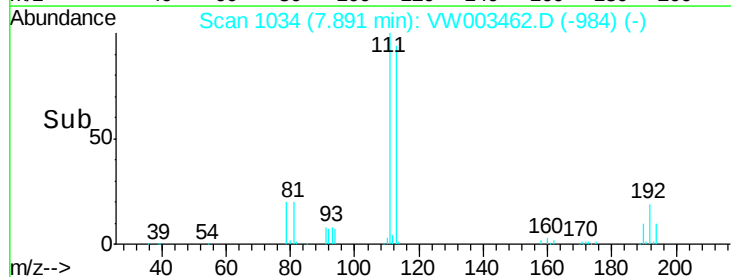
192 20.8 16.2 24.2

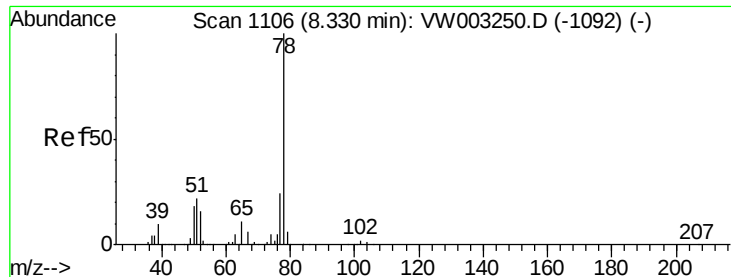


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 17.20 ug/l

RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW003462.D

Acq: 23 Jun 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

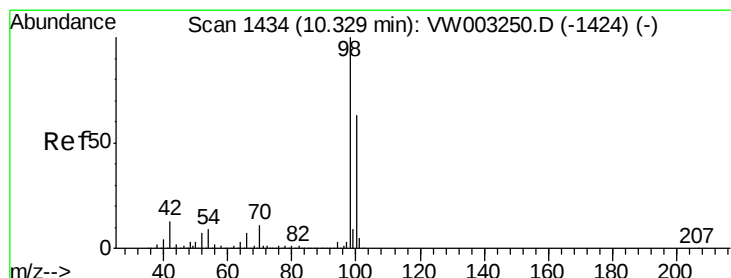
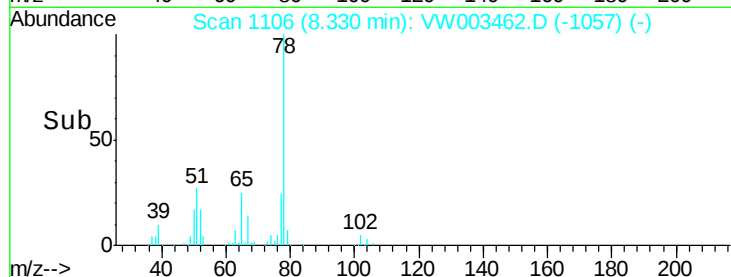
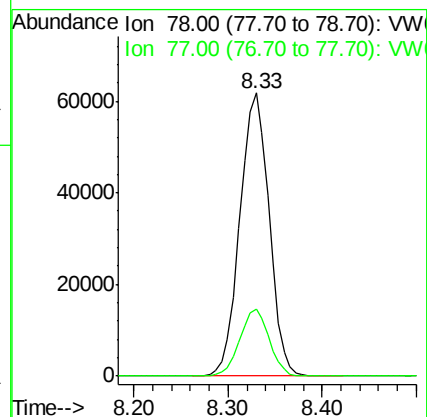
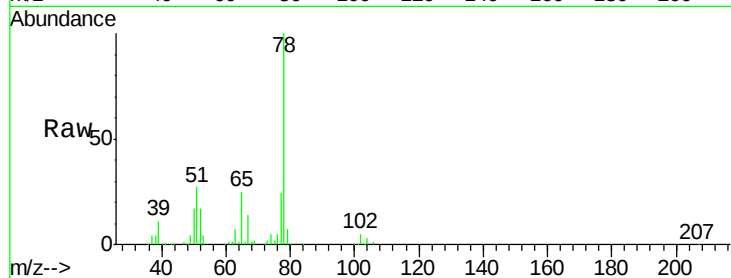
DUP-0482-180619

Tot Ion: 78 Resp: 134054

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6



#50

Toluene-d8

Concen: 33.58 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003462.D

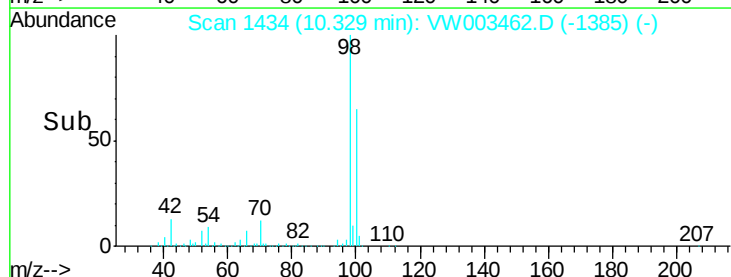
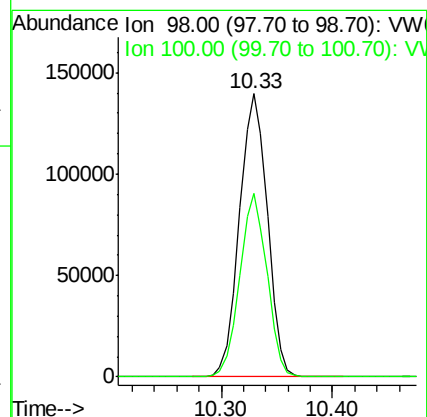
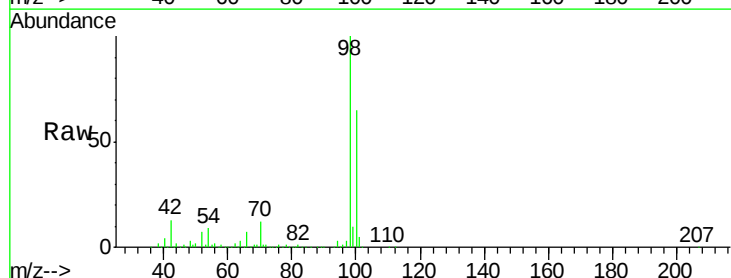
Acq: 23 Jun 2018 16:02

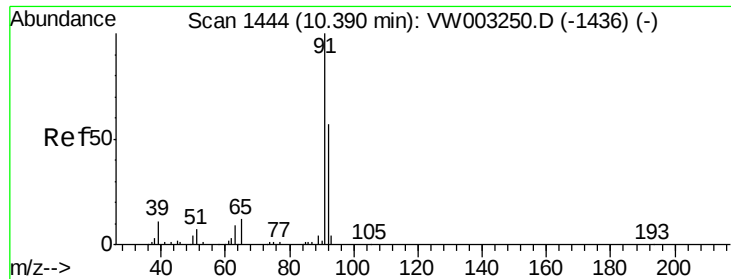
Tgt Ion: 98 Resp: 242303

Ion Ratio Lower Upper

98 100

100 63.2 50.8 76.2





#52

Toluene

Concen: 1.78 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003462.D

Acq: 23 Jun 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

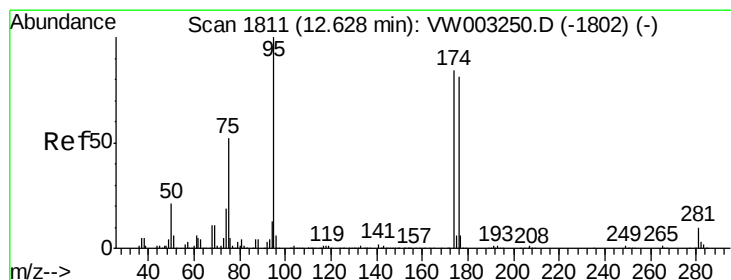
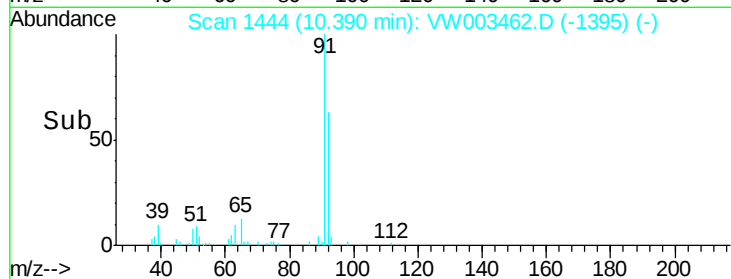
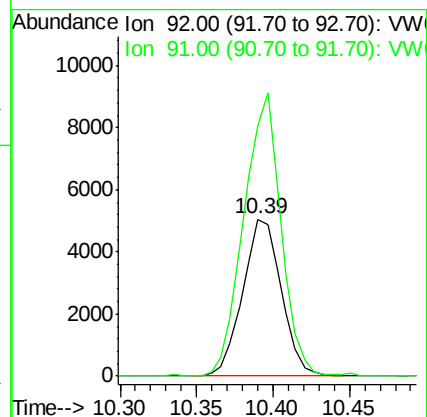
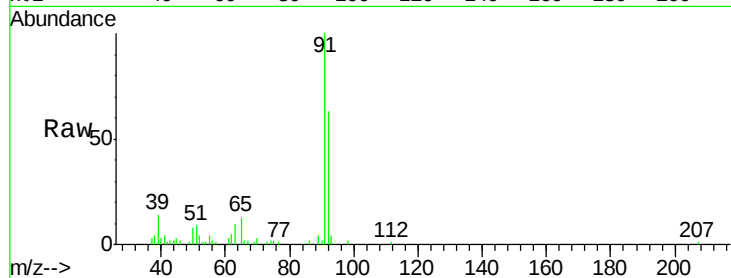
DUP-0482-180619

Tot Ion: 92 Resp: 8894

Ion Ratio Lower Upper

92 100

91 173.6 141.1 211.7



#62

4-Bromofluorobenzene

Concen: 33.02 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW003462.D

Acq: 23 Jun 2018 16:02

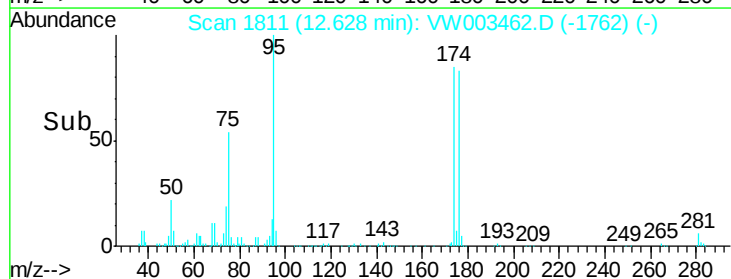
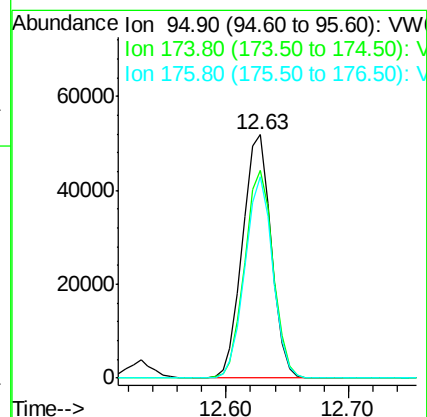
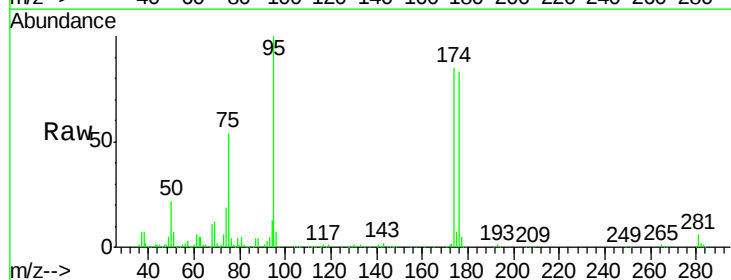
Tgt Ion: 95 Resp: 84318

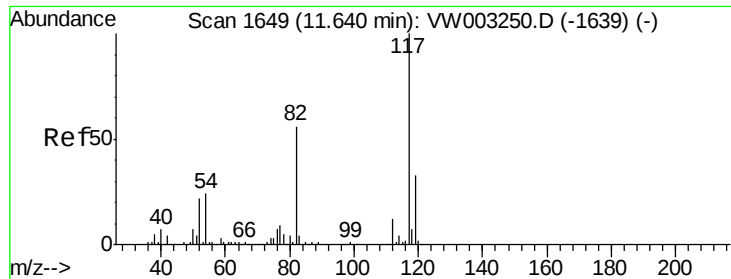
Ion Ratio Lower Upper

95 100

174 84.7 0.0 166.4

176 80.3 0.0 162.0

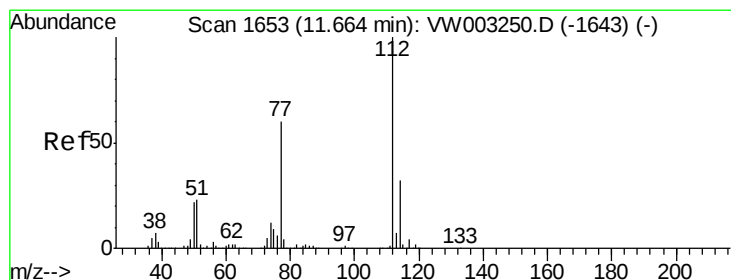
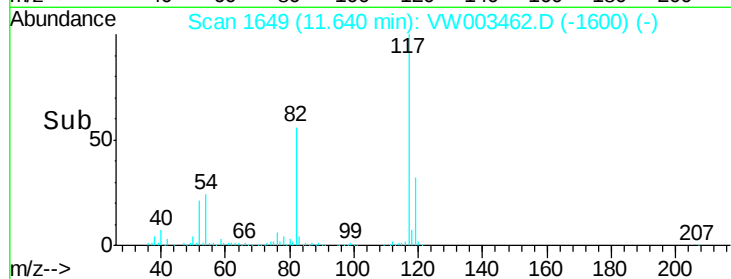
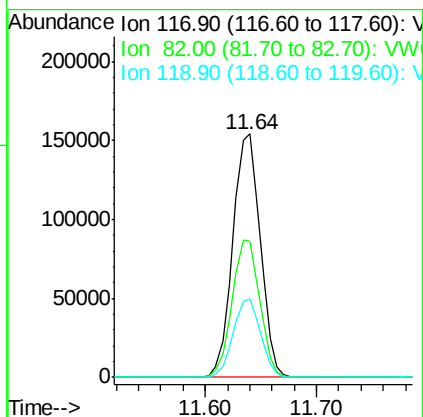
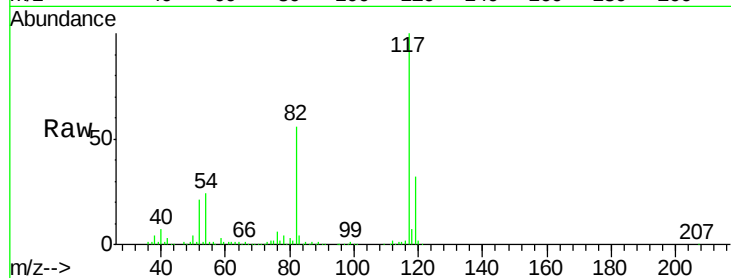




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW003462.D
Acq: 23 Jun 2018 16:02

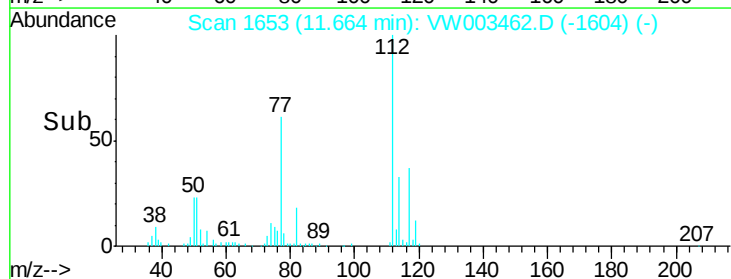
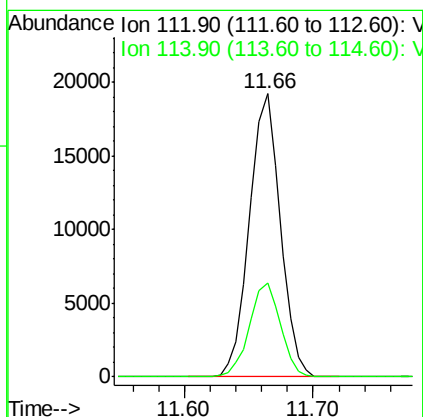
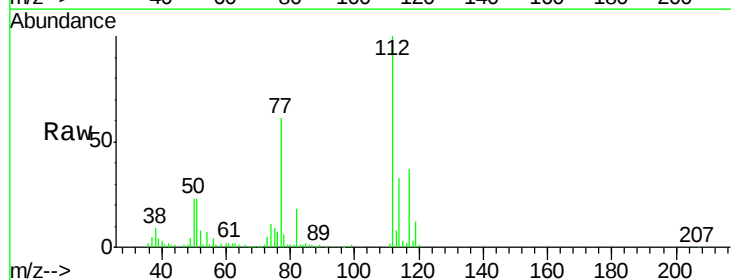
Instrument :
MSVOA_W
ClientSampleId :
DUP-0482-180619

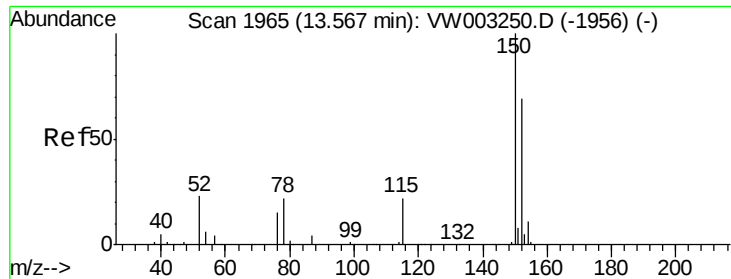
Tot Ion:117 Resp: 263713
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 32.1 26.7 40.1



#65
Chlorobenzene
Concen: 5.79 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003462.D
Acq: 23 Jun 2018 16:02

Tgt Ion:112 Resp: 31779
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003462.D

Acq: 23 Jun 2018 16:02

Instrument :

MSVOA_W

ClientSampleId :

DUP-0482-180619

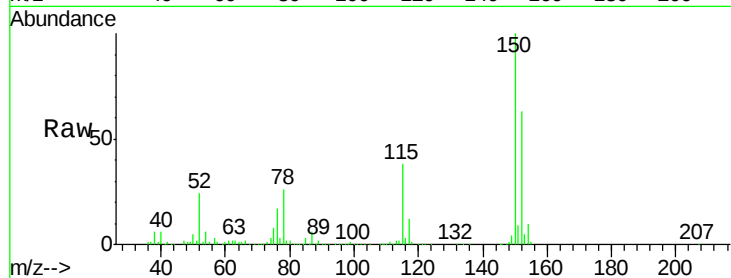
Tot Ion:152 Resp: 124041

Ion Ratio Lower Upper

152 100

115 58.7 29.3 88.0

150 157.2 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

