

Data File : VW003508.D
Acq On : 24 Jun 2018 14:13
Operator : SY/AP
Sample : J3669-10
Misc : 6.36G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DUP-0484-180620

Quant Time: Jun 24 23:26:00 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	172194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	278815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	259388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	128594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114243	61.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.50%	
35) Dibromofluoromethane	7.89	113	96948	55.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.92%	
50) Toluene-d8	10.33	98	336155	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.63	95	118666	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	

Target Compounds

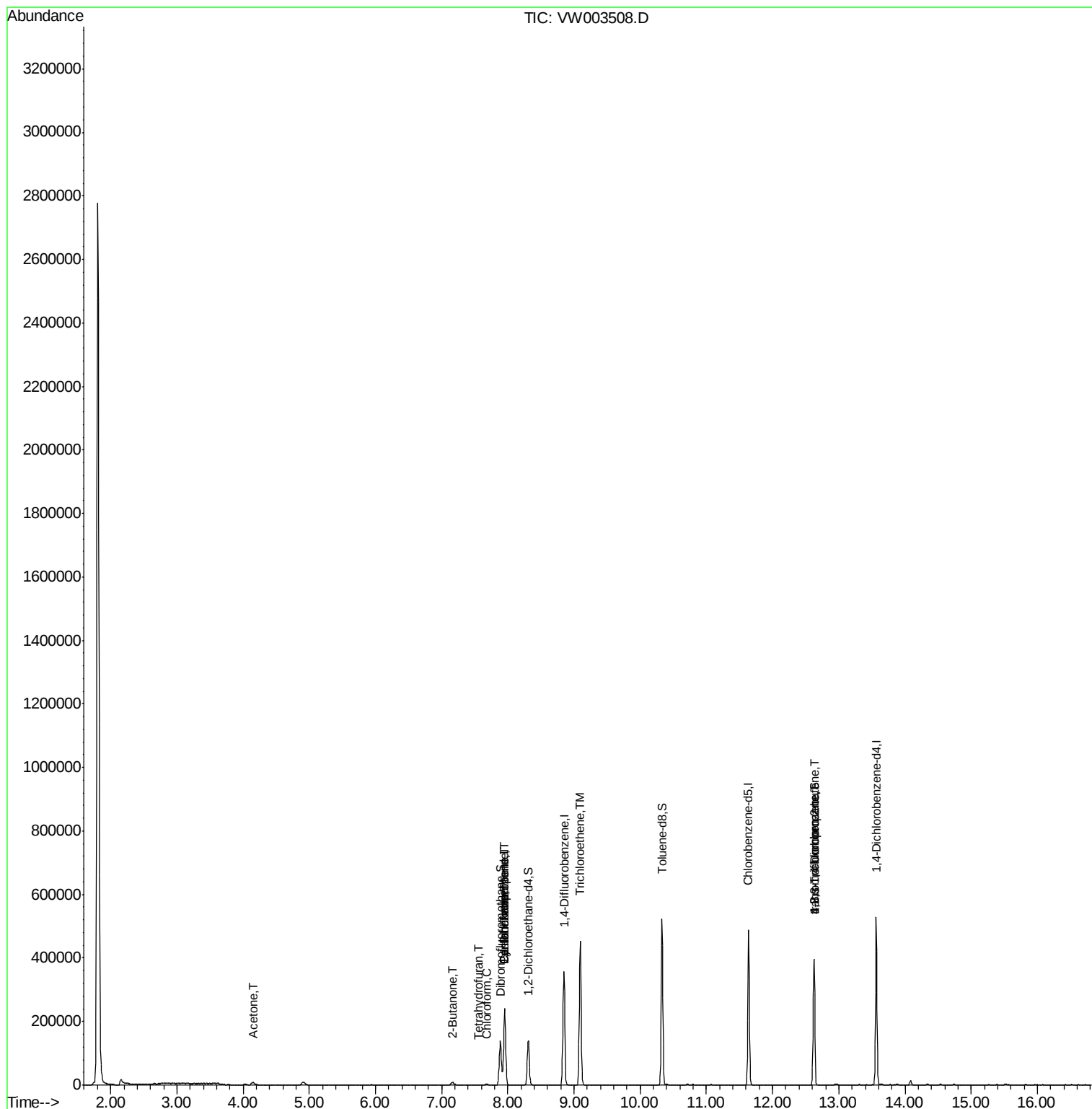
						Qvalue
16) Acetone	4.15	43	15242	38.965	ug/l #	85
25) 2-Butanone	7.18	43	809	1.663	ug/l #	50
29) Tetrahydrofuran	7.56	42	675	2.271	ug/l #	60
30) Chloroform	7.68	83	3407	1.037	ug/l #	80
31) Cyclohexane	7.95	56	4446	1.475	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	14758	5.481	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17627	6.674	ug/l #	17
44) Trichloroethene	9.10	130	156251	79.449	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	65866	59.915	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	65866	137.867	ug/l #	8

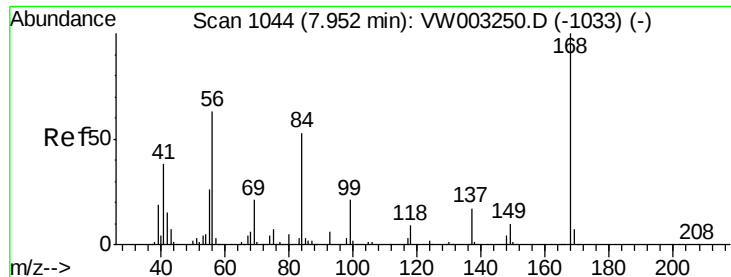
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

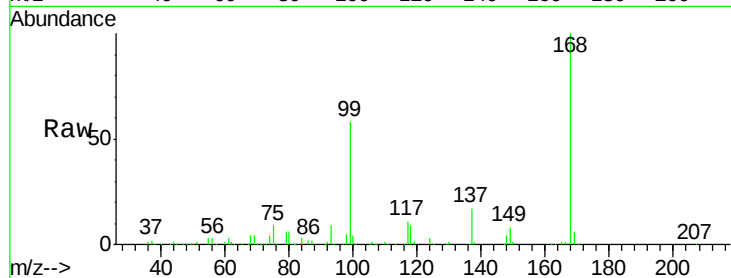
DUP-0484-180620

Tgt Ion:168 Resp: 172194

Ion Ratio Lower Upper

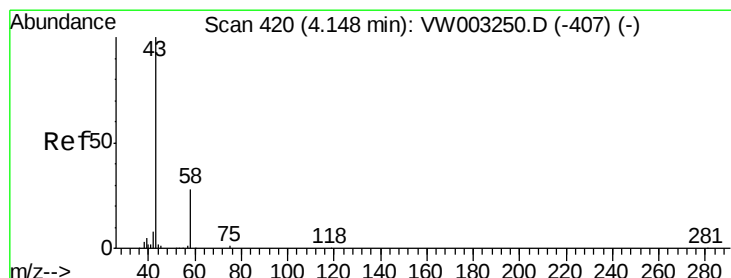
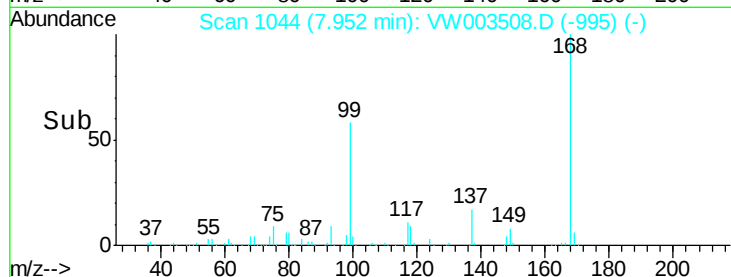
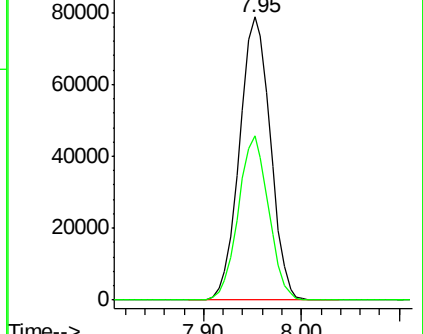
168 100

99 57.9 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: 38.965 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003508.D

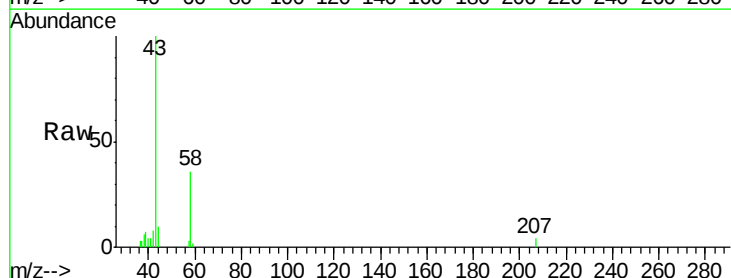
Acq: 24 Jun 2018 14:13

Tgt Ion: 43 Resp: 15242

Ion Ratio Lower Upper

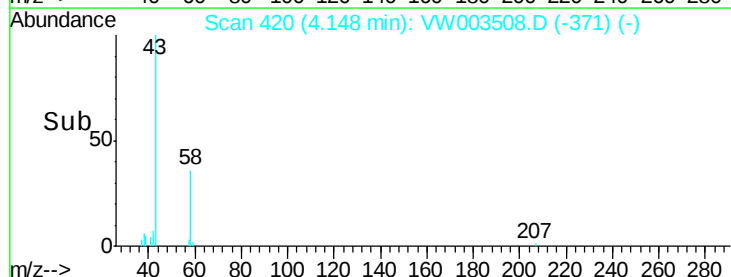
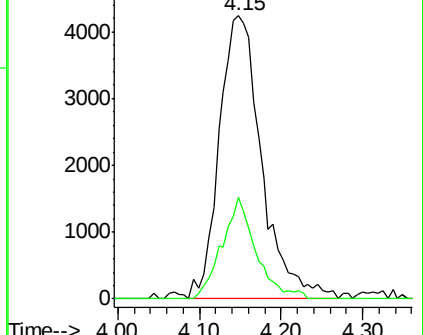
43 100

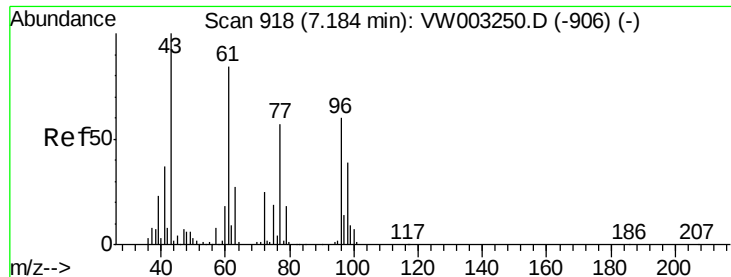
58 36.0 22.6 34.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 1.663 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

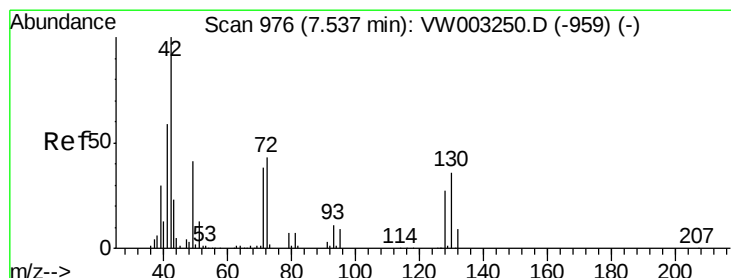
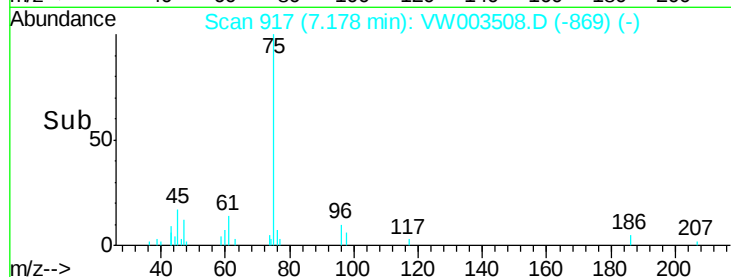
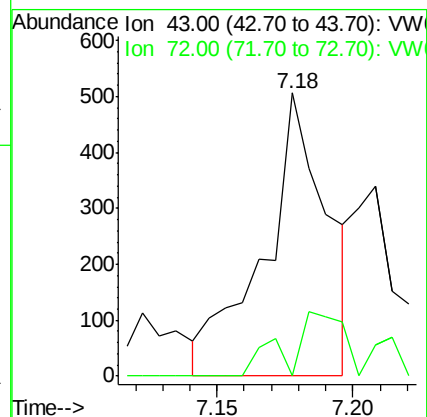
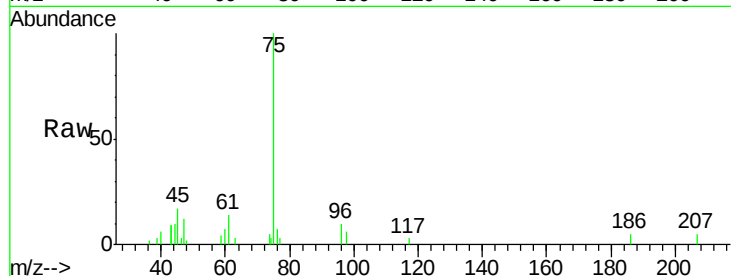
DUP-0484-180620

Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

43 100

72 0.0 20.3 30.5#



#29

Tetrahydrofuran

Concen: 2.271 ug/l

RT: 7.56 min Scan# 979

Delta R.T. 0.02 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

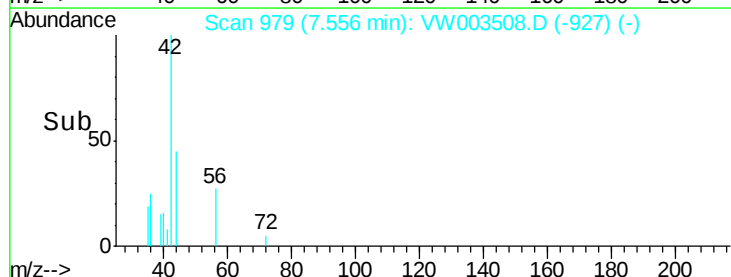
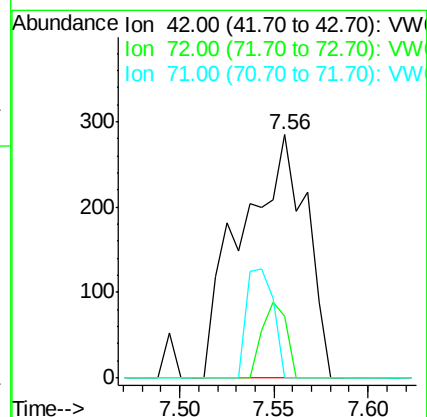
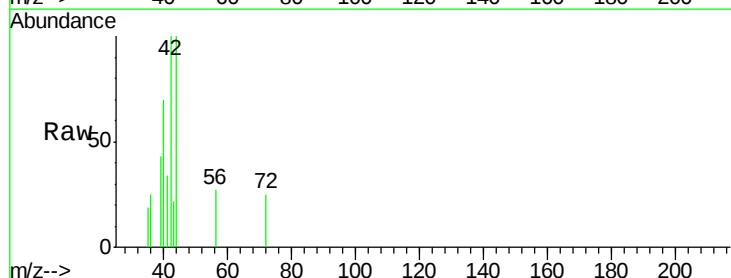
Tgt Ion: 42 Resp: 675

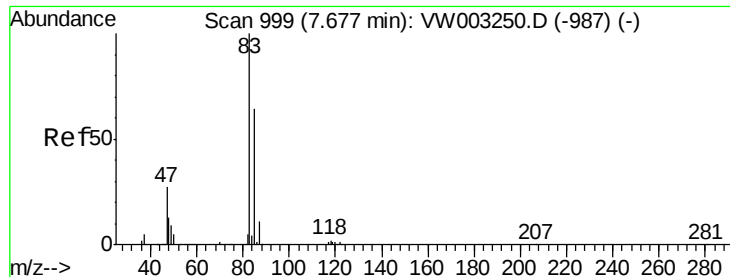
Ion Ratio Lower Upper

42 100

72 11.7 32.4 48.6#

71 18.7 31.2 46.8#





#30

Chloroform

Concen: 1.037 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

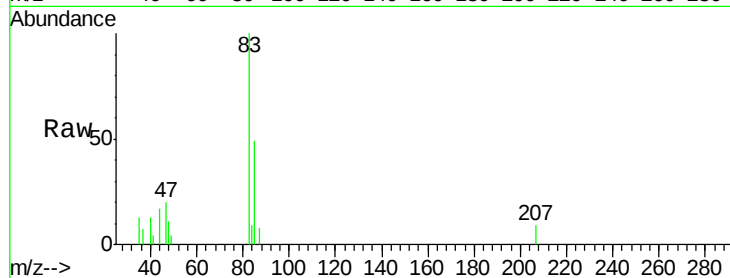
DUP-0484-180620

Tgt Ion: 83 Resp: 3407

Ion Ratio Lower Upper

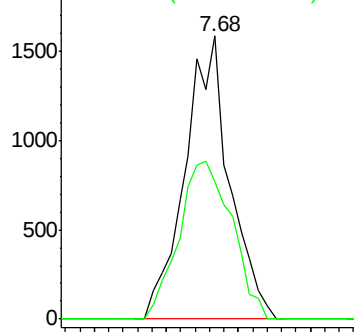
83 100

85 48.6 51.3 76.9#

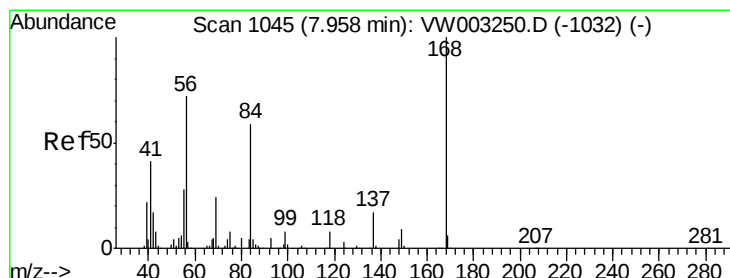
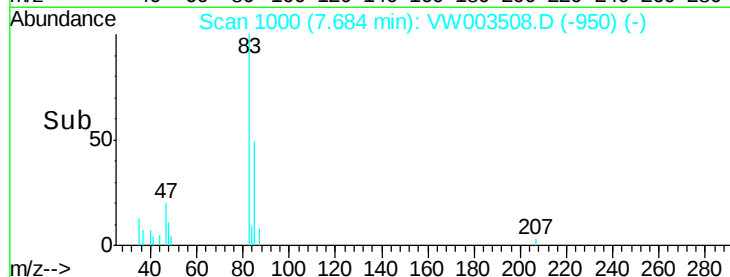


Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW



Time-->



#31

Cyclohexane

Concen: 1.475 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

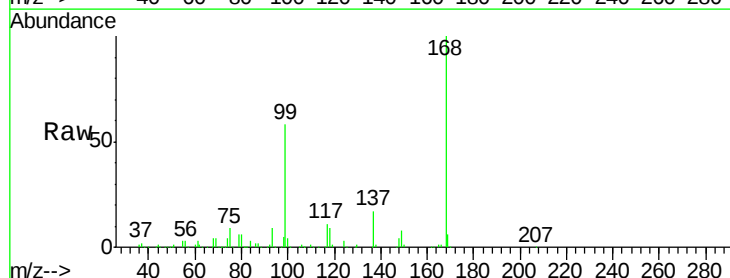
Tgt Ion: 56 Resp: 4446

Ion Ratio Lower Upper

56 100

69 164.3 26.3 39.5#

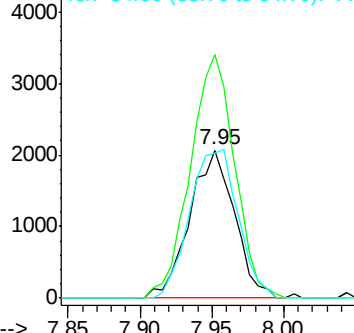
84 97.5 65.7 98.5



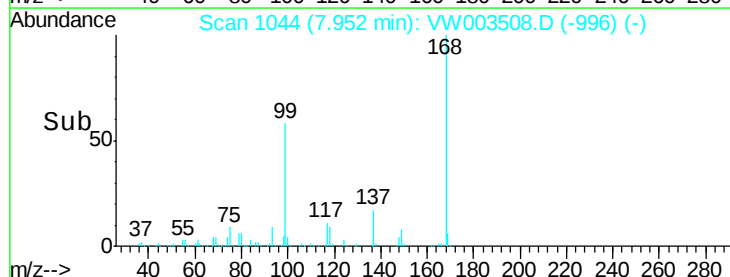
Abundance Ion 56.00 (55.70 to 56.70): VW

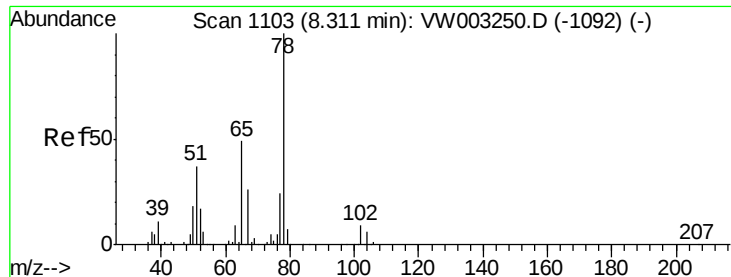
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



Time-->

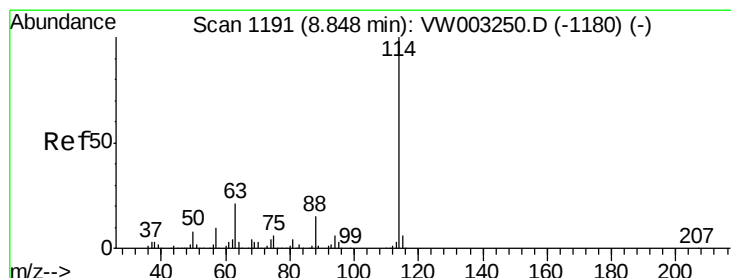
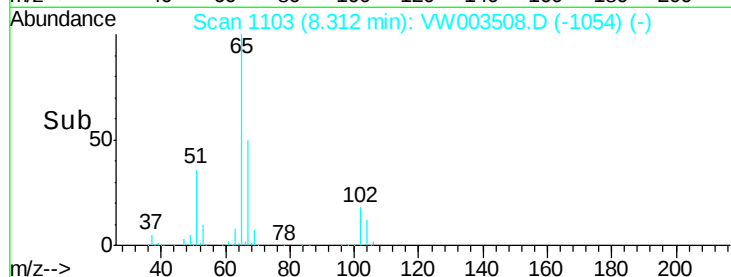
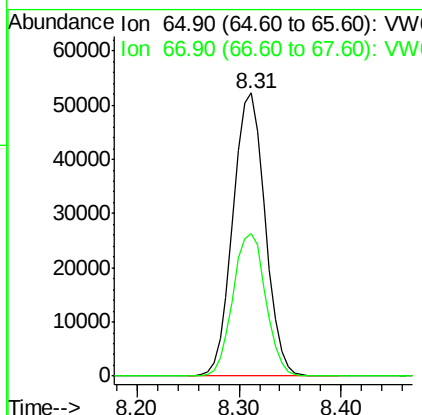
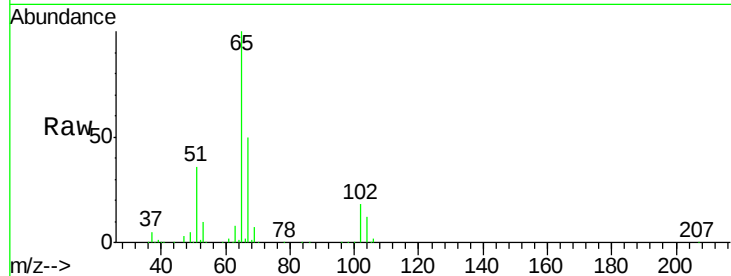




#33
 1,2-Dichloroethane-d4
 Concen: 61.252 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003508.D
 Acq: 24 Jun 2018 14:13

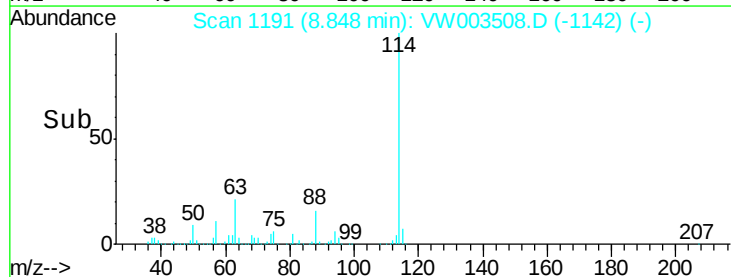
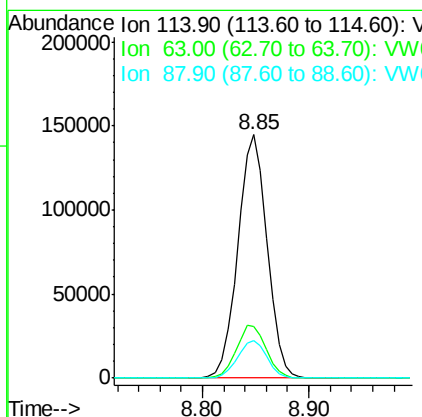
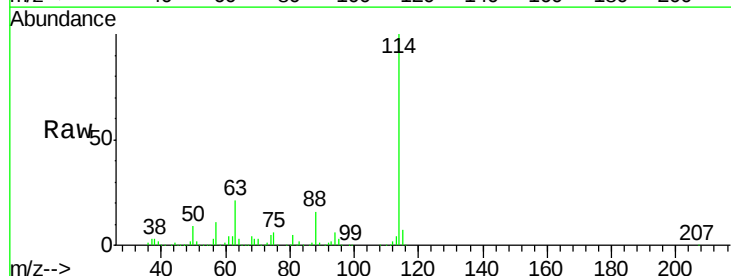
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0484-180620

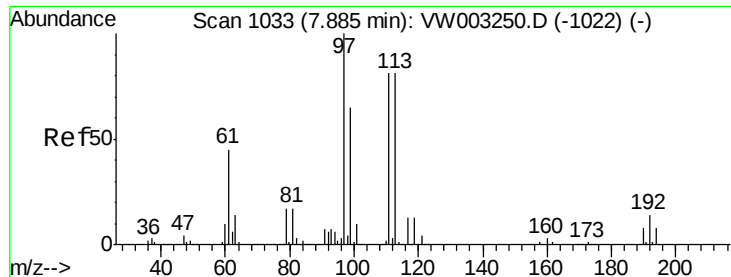
Tgt Ion: 65 Resp: 114243
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003508.D
 Acq: 24 Jun 2018 14:13

Tgt Ion: 114 Resp: 278815
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.0
 88 15.6 0.0 29.6

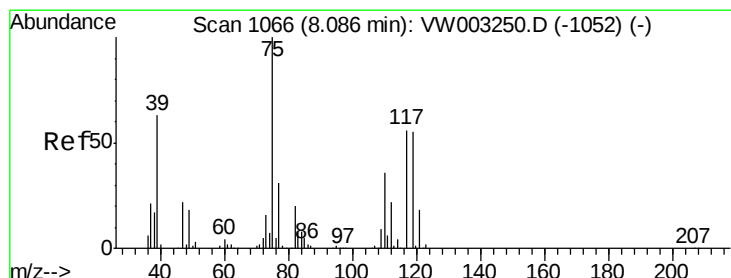
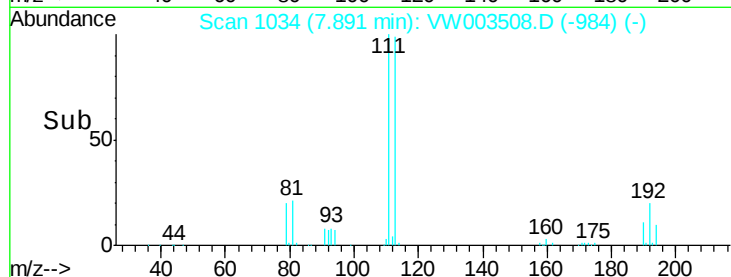
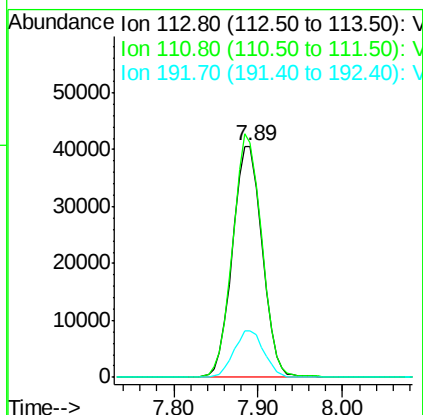
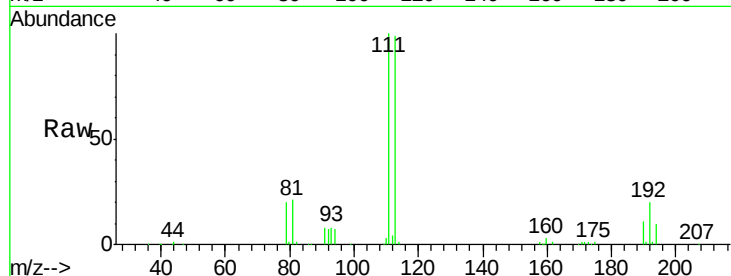




#35
 Dibromofluoromethane
 Concen: 55.959 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003508.D
 Acq: 24 Jun 2018 14:13

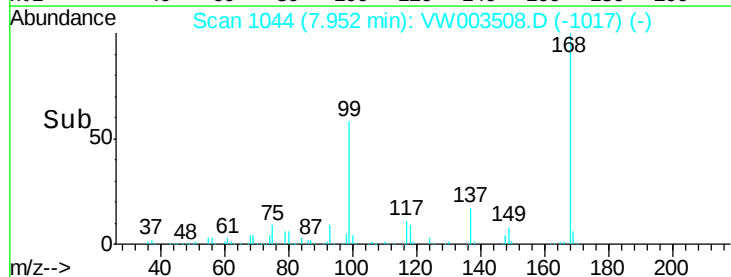
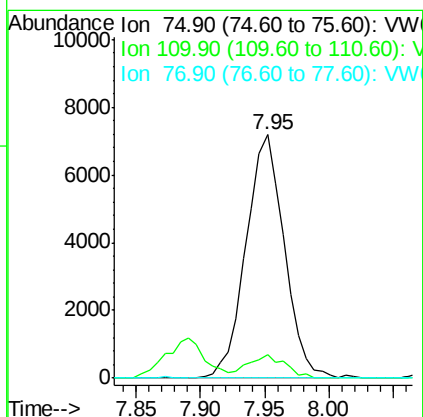
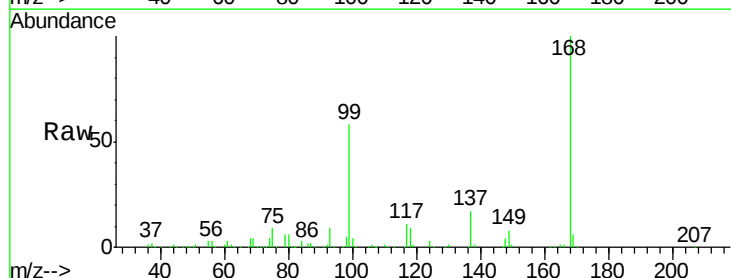
Instrument :
 MSVOA_W
 ClientSampleId :
 DUP-0484-180620

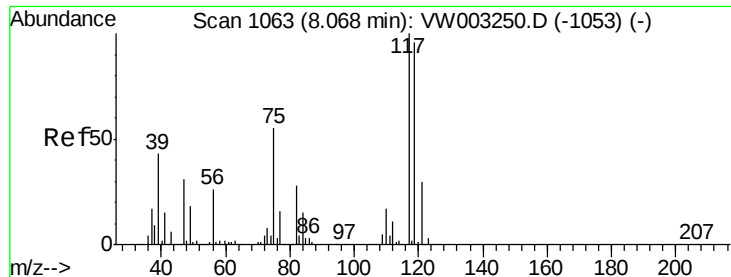
Tgt Ion:113 Resp: 96948
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.481 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003508.D
 Acq: 24 Jun 2018 14:13

Tgt Ion: 75 Resp: 14758
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.1 51.3#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.674 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

DUP-0484-180620

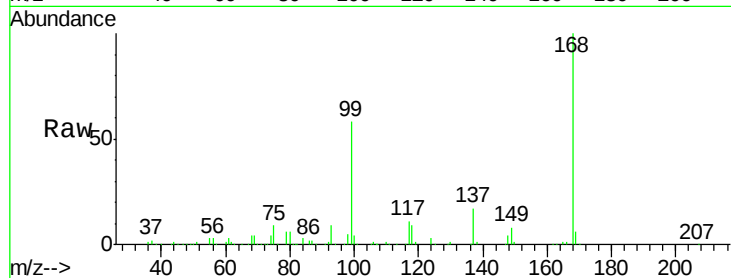
Tgt Ion:117 Resp: 17627

Ion Ratio Lower Upper

117 100

119 5.8 76.6 115.0#

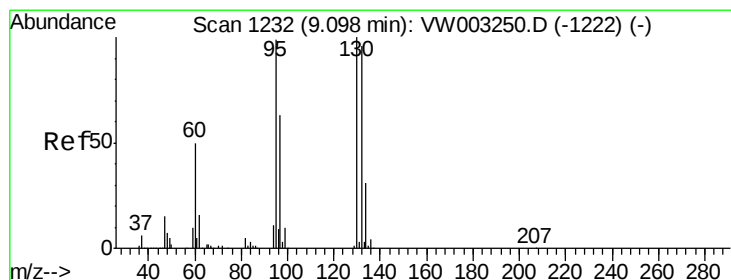
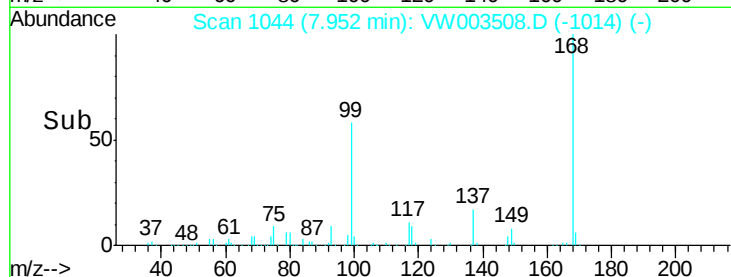
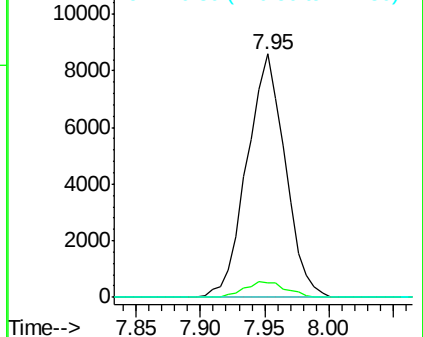
121 0.0 23.9 35.9#



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



#44

Trichloroethene

Concen: 79.449 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003508.D

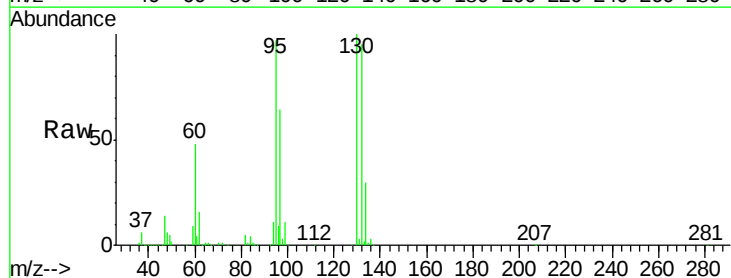
Acq: 24 Jun 2018 14:13

Tgt Ion:130 Resp: 156251

Ion Ratio Lower Upper

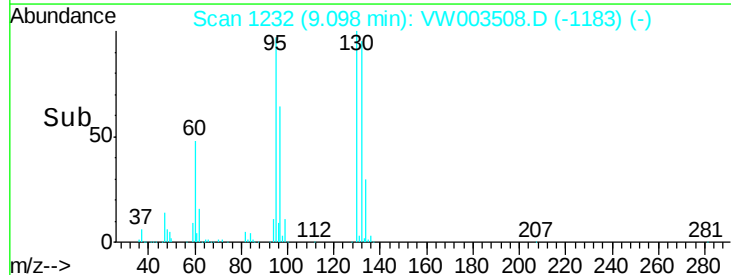
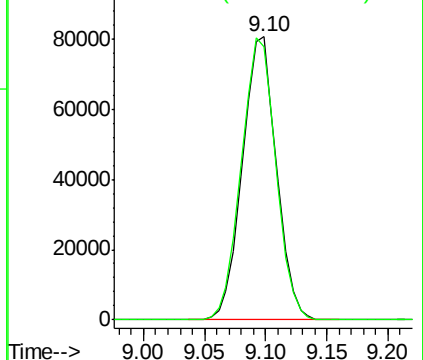
130 100

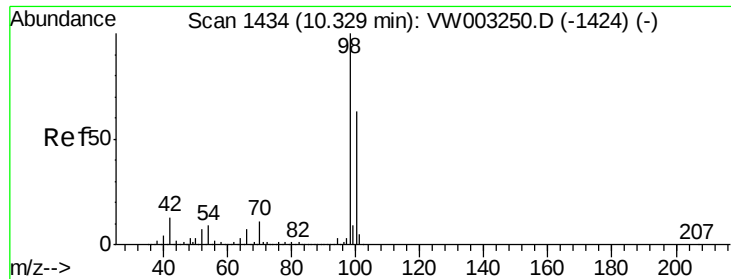
95 96.6 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VV





#50

Toluene-d8

Concen: 48.933 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

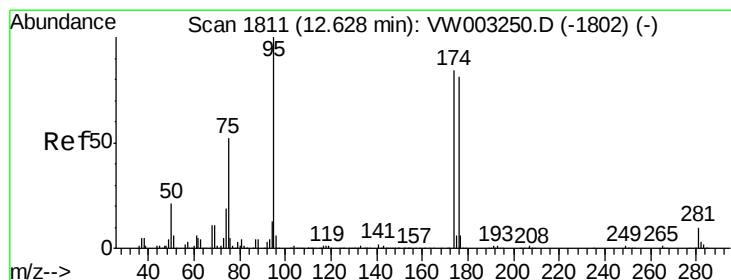
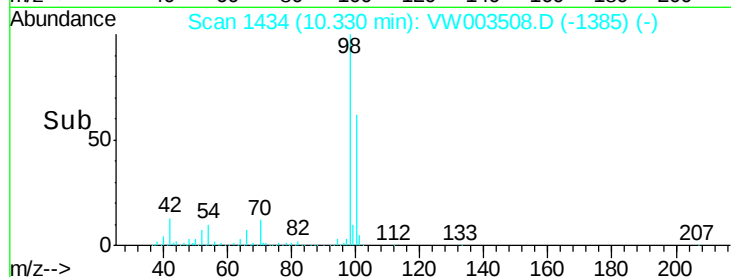
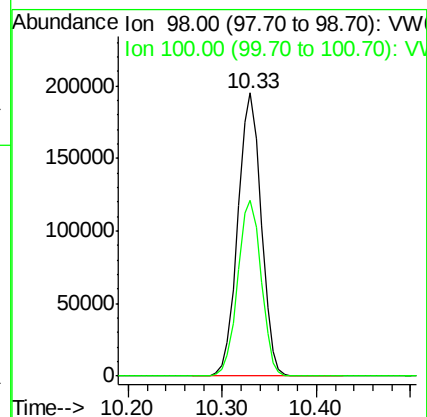
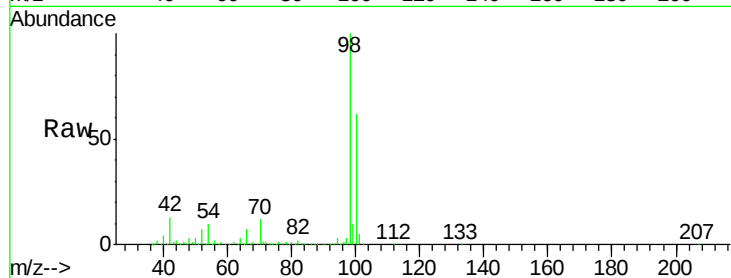
DUP-0484-180620

Tgt Ion: 98 Resp: 336155

Ion Ratio Lower Upper

98 100

100 62.6 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 48.812 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

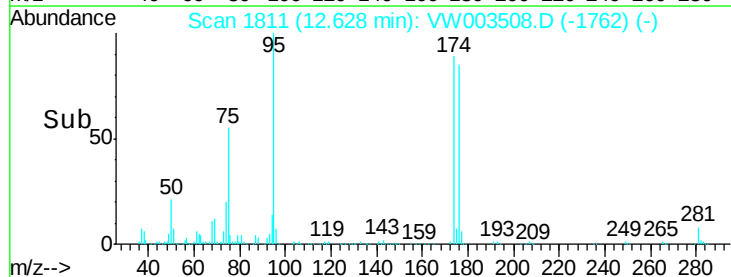
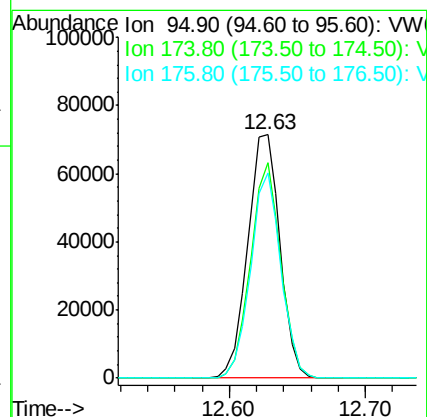
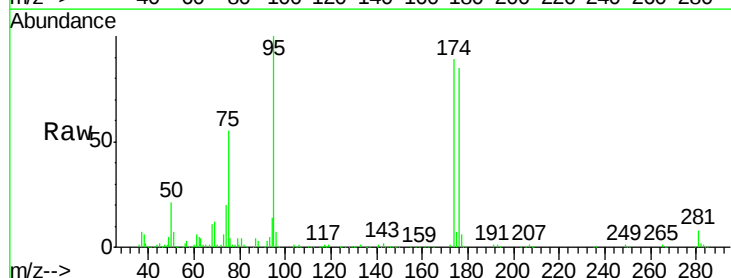
Tgt Ion: 95 Resp: 118666

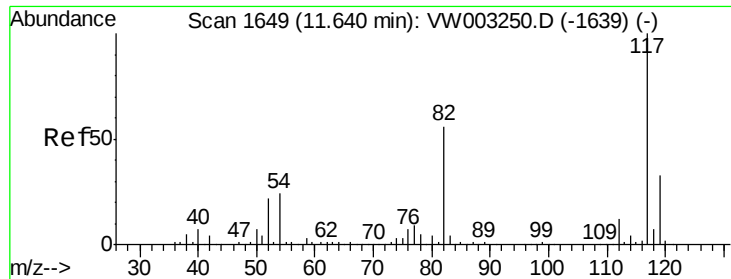
Ion Ratio Lower Upper

95 100

174 83.2 0.0 166.4

176 79.5 0.0 162.0

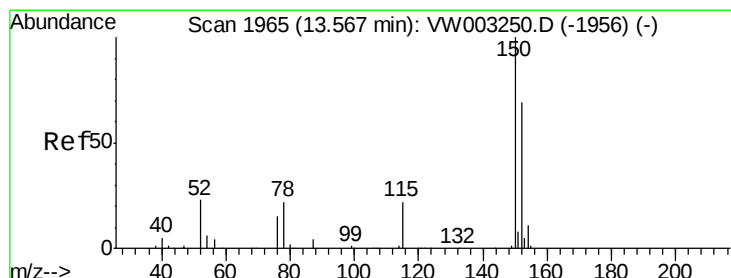
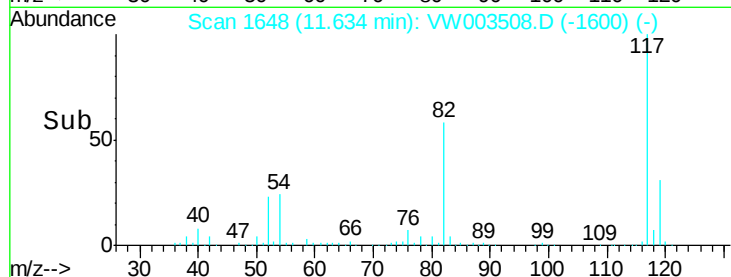
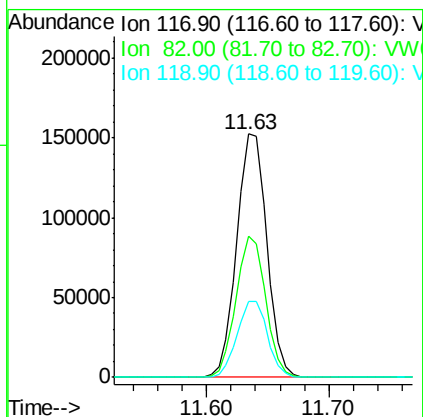
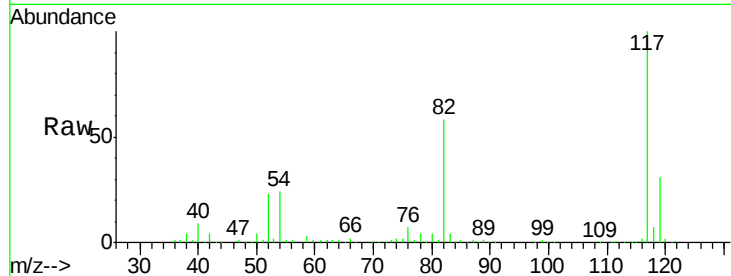




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003508.D
Acq: 24 Jun 2018 14:13

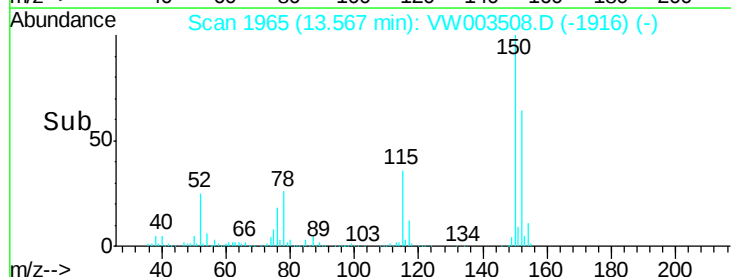
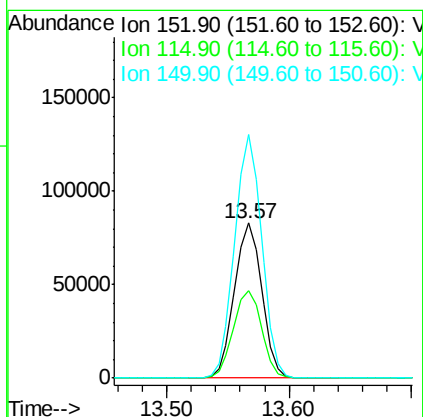
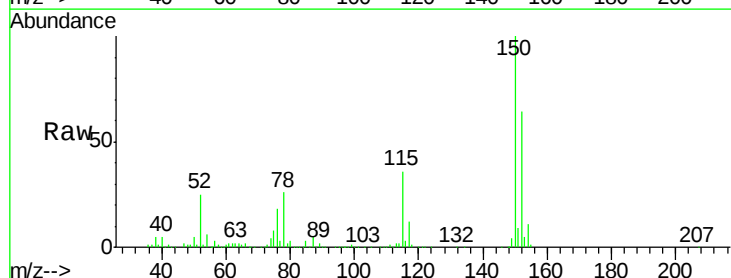
Instrument :
MSVOA_W
ClientSampleId :
DUP-0484-180620

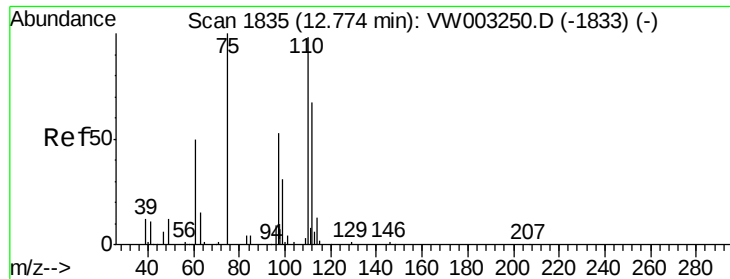
Tgt Ion:117 Resp: 259388
Ion Ratio Lower Upper
117 100
82 58.0 44.6 67.0
119 31.1 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003508.D
Acq: 24 Jun 2018 14:13

Tgt Ion:152 Resp: 128594
Ion Ratio Lower Upper
152 100
115 58.1 29.3 88.0
150 156.0 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 59.915 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

Instrument :

MSVOA_W

ClientSampleId :

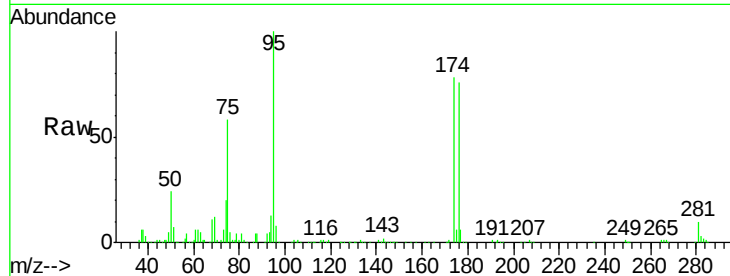
DUP-0484-180620

Tgt Ion: 75 Resp: 65866

Ion Ratio Lower Upper

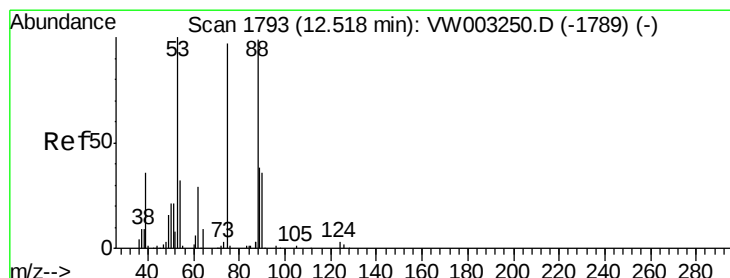
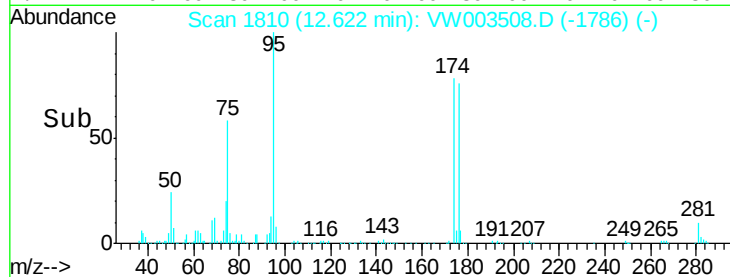
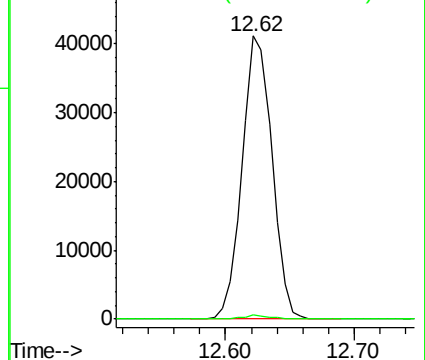
75 100

77 1.2 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: 137.867 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003508.D

Acq: 24 Jun 2018 14:13

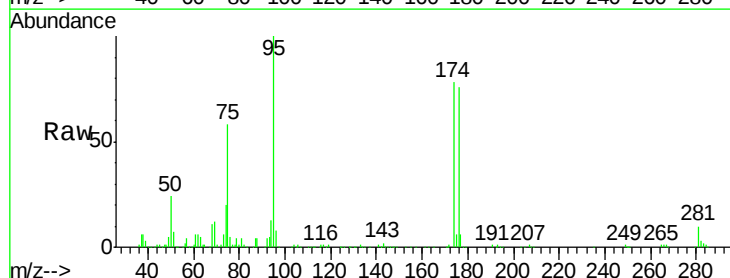
Tgt Ion: 75 Resp: 65866

Ion Ratio Lower Upper

75 100

53 0.2 82.9 124.3#

89 0.1 36.7 55.1#



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

