

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003478.D
 Acq On : 24 Jun 2018 00:38
 Operator : SY/AP
 Sample : VW0623SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBL02

Quant Time: Jun 25 02:41:54 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	227723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	386207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	354137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	152304	61.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.50%	
35) Dibromofluoromethane	7.89	113	130288	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	10.33	98	497244	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	12.63	95	166826	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

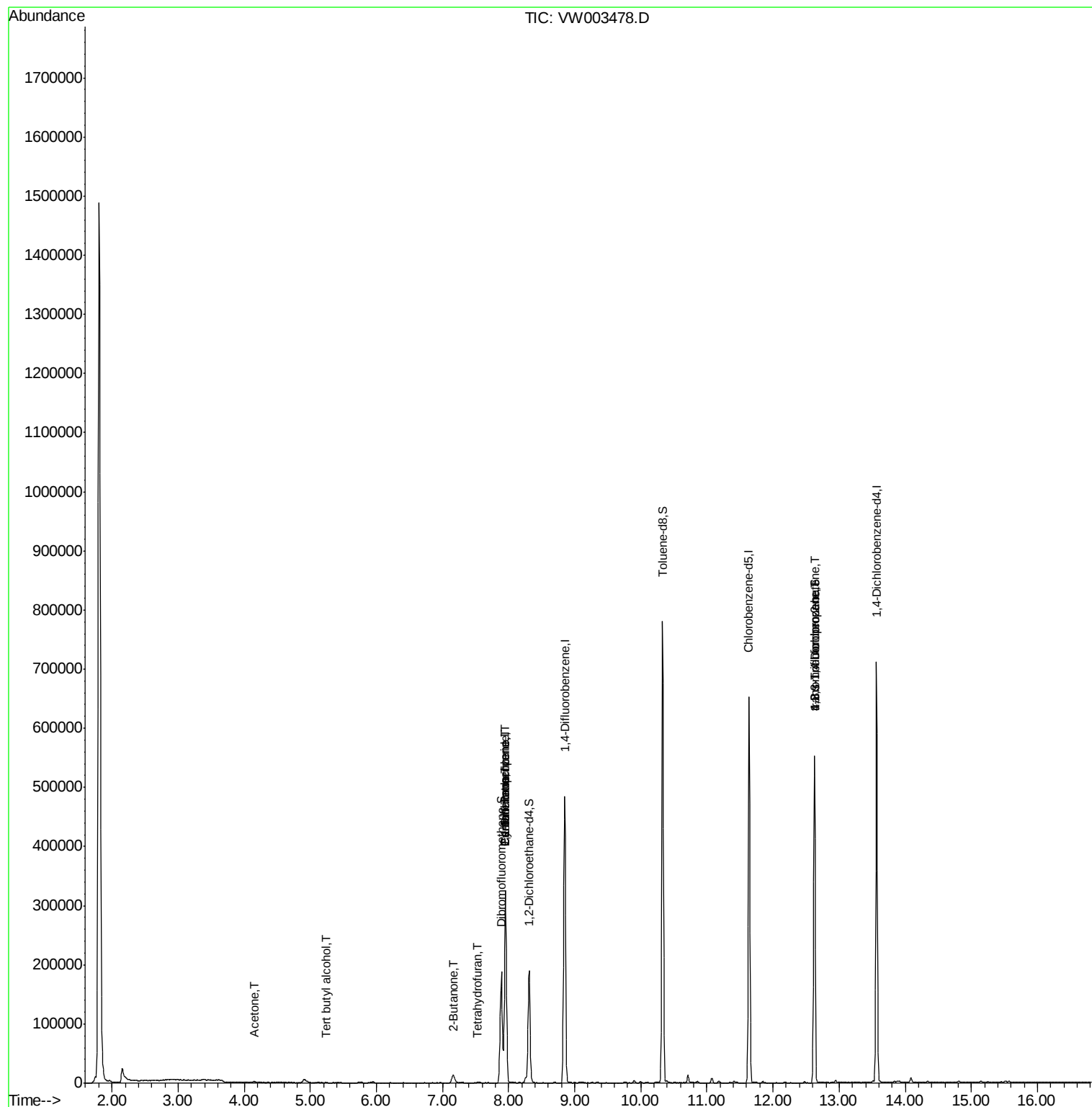
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.25	59	309	2.336	ug/l #	84
16) Acetone	4.15	43	3728	7.206	ug/l	94
20) Methylene Chloride	4.90	84	2180	Below Cal		94
25) 2-Butanone	7.18	43	1472	2.288	ug/l #	79
29) Tetrahydrofuran	7.54	42	711	1.808	ug/l #	72
31) Cyclohexane	7.95	56	5851	1.468	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18968	5.086	ug/l #	49
38) Carbon Tetrachloride	7.95	117	22666	6.195	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	92048	62.045	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	92048	142.769	ug/l #	8

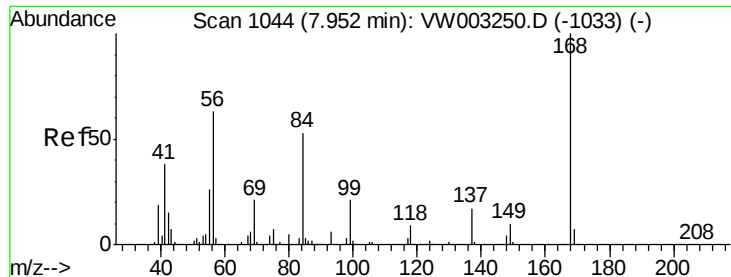
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
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Quant Time: Jun 25 02:41:54 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: VW003478.D

Acq: 24 Jun 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

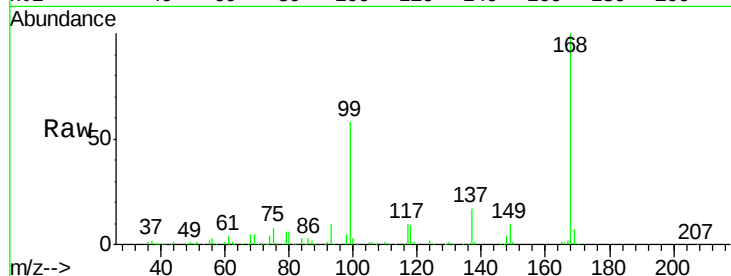
VW0623SBL02

Tgt Ion:168 Resp: 227723

Ion Ratio Lower Upper

168 100

99 58.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

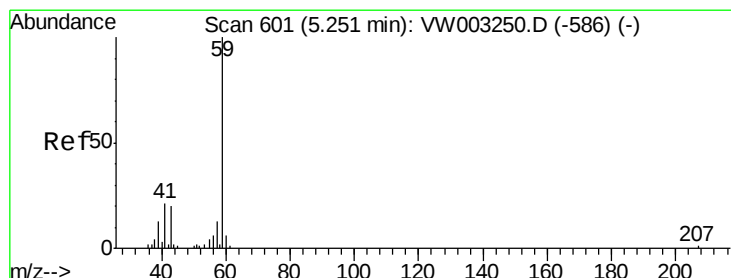
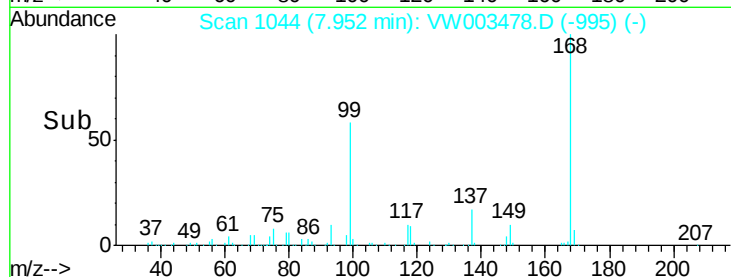
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.336 ug/l

RT: 5.25 min Scan# 600

Delta R.T. -0.01 min

Lab File: VW003478.D

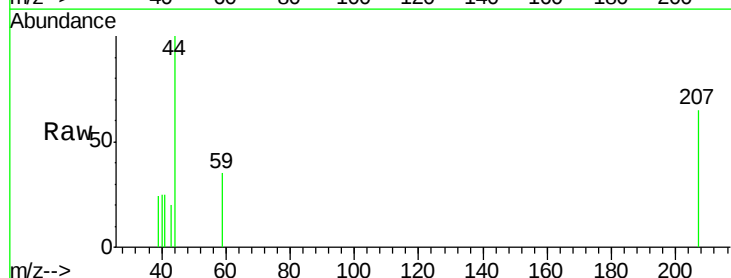
Acq: 24 Jun 2018 00:38

Tgt Ion: 59 Resp: 309

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

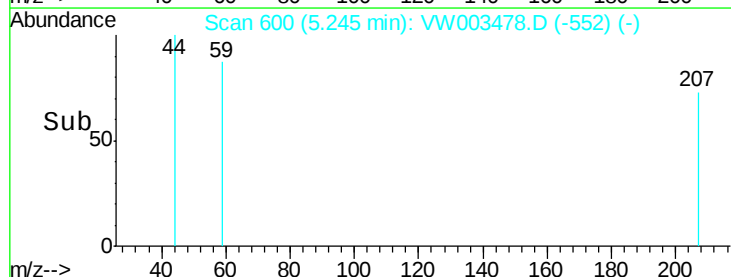
5.25

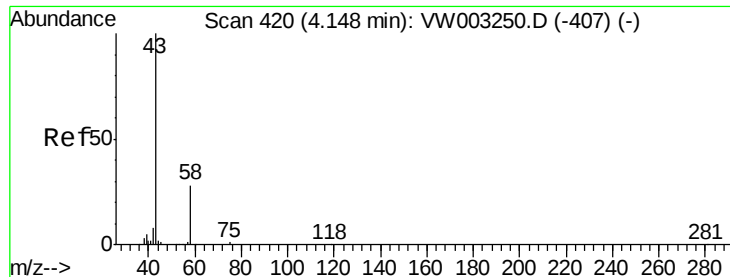
100

50

0

Time-->





#16

Acetone

Concen: 7.206 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

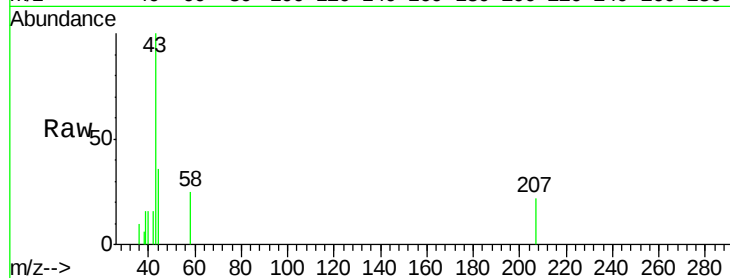
VW0623SBL02

Tgt Ion: 43 Resp: 3728

Ion Ratio Lower Upper

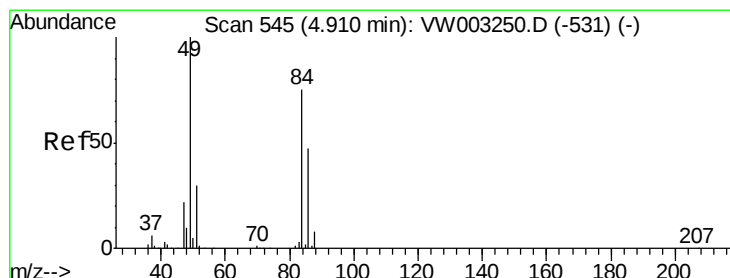
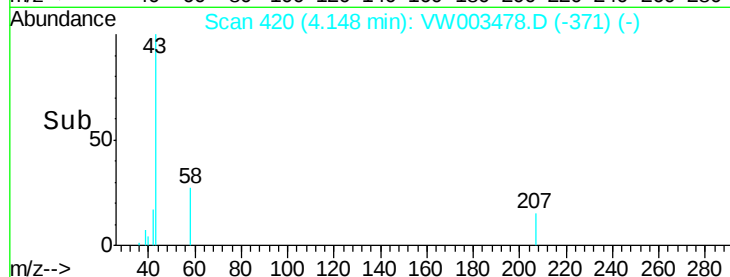
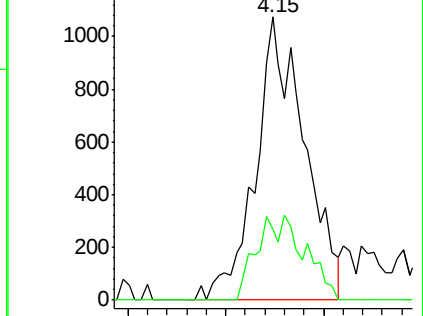
43 100

58 25.2 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: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

Tgt Ion: 84 Resp: 2180

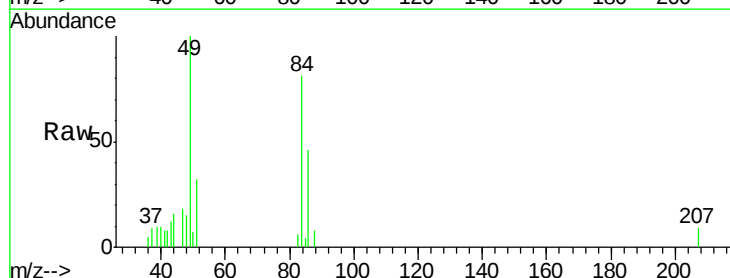
Ion Ratio Lower Upper

84 100

49 123.7 106.3 159.5

51 39.3 32.0 48.0

86 57.4 49.9 74.9

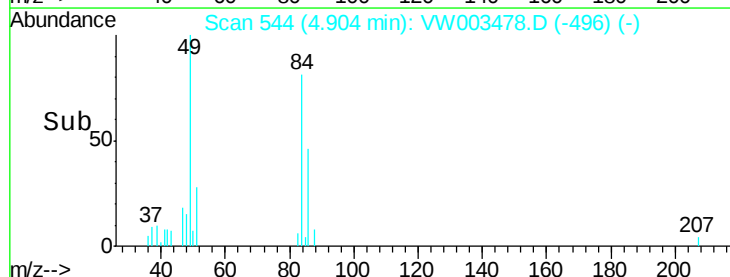
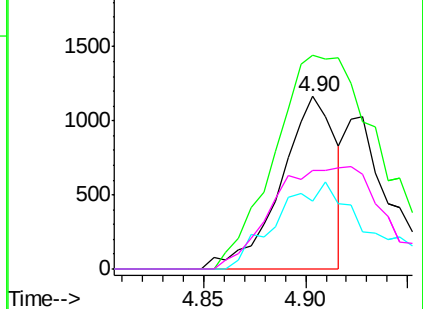


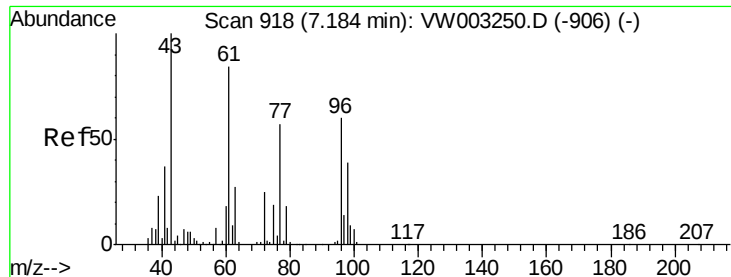
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 2.288 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

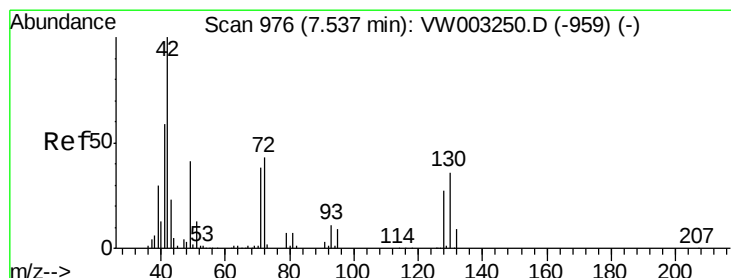
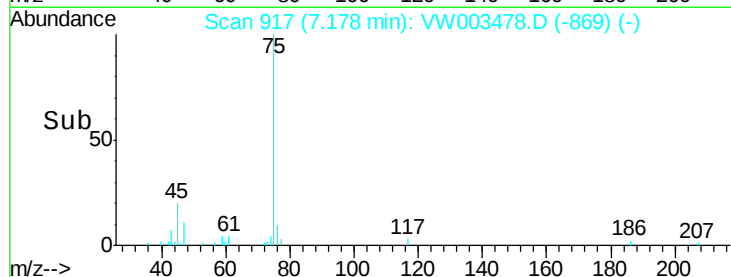
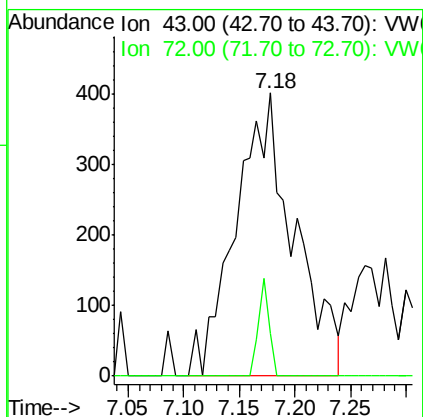
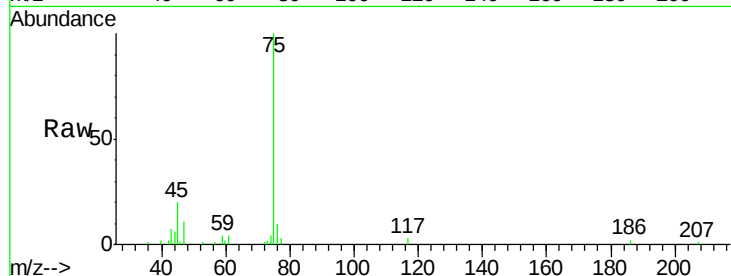
VW0623SBL02

Tgt Ion: 43 Resp: 1472

Ion Ratio Lower Upper

43 100

72 14.9 20.3 30.5#



#29

Tetrahydrofuran

Concen: 1.808 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

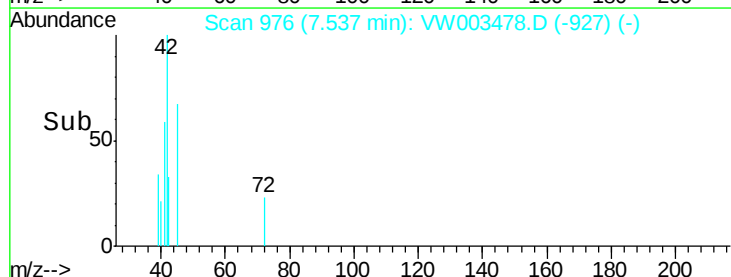
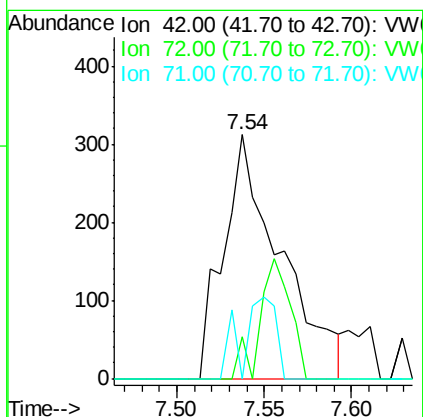
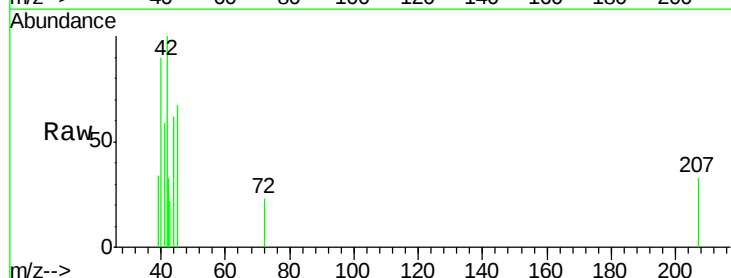
Tgt Ion: 42 Resp: 711

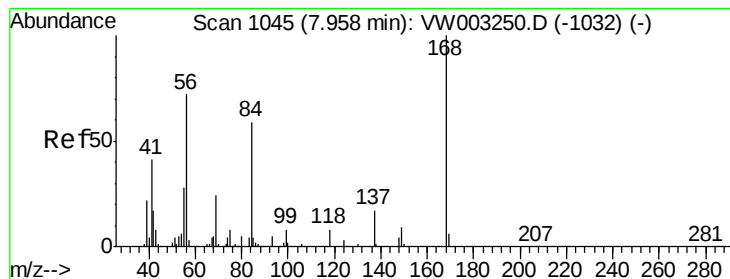
Ion Ratio Lower Upper

42 100

72 26.0 32.4 48.6#

71 19.3 31.2 46.8#





#31

Cyclohexane

Concen: 1.468 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBL02

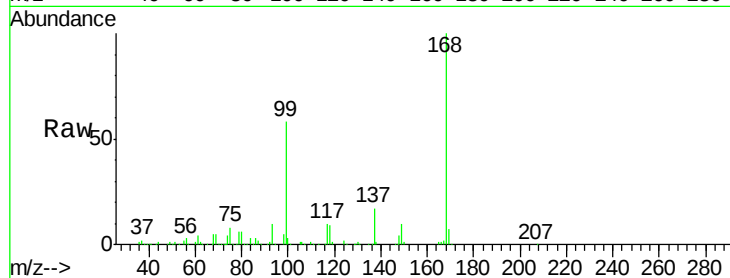
Tgt Ion: 56 Resp: 5851

Ion Ratio Lower Upper

56 100

69 179.1 26.3 39.5#

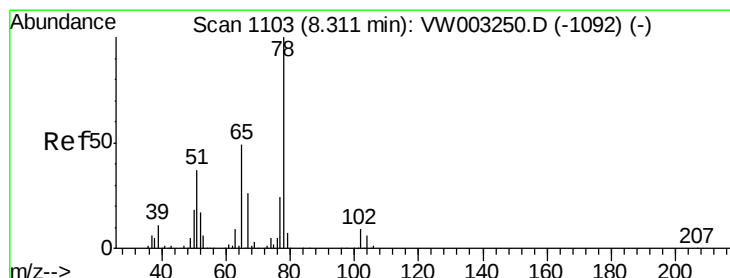
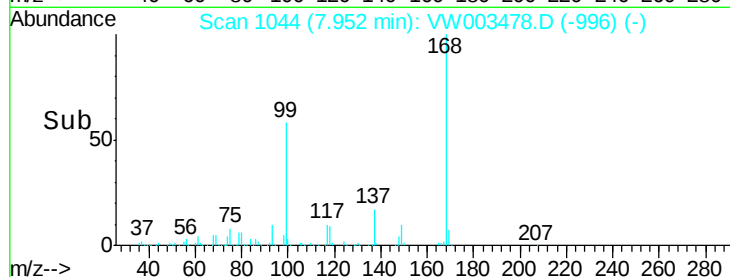
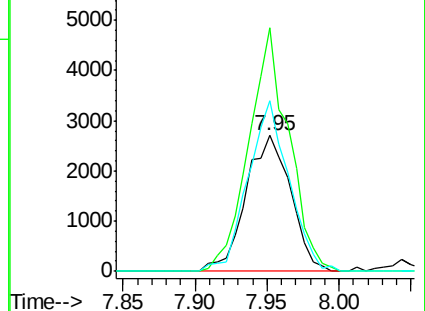
84 125.5 65.7 98.5#



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



#33

1,2-Dichloroethane-d4

Concen: 61.747 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003478.D

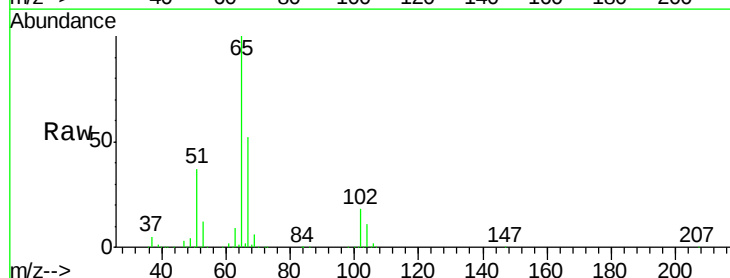
Acq: 24 Jun 2018 00:38

Tgt Ion: 65 Resp: 152304

Ion Ratio Lower Upper

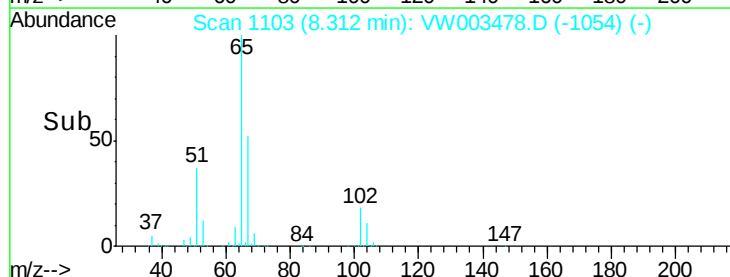
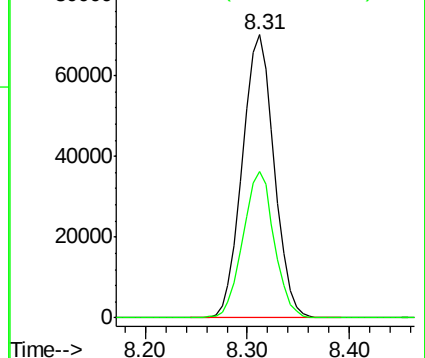
65 100

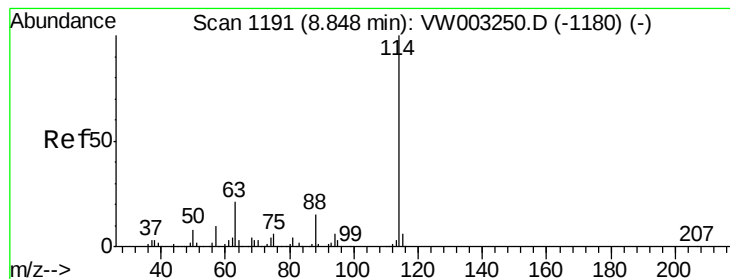
67 50.9 0.0 104.2



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: VW003478.D

Acq: 24 Jun 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

VW0623SBL02

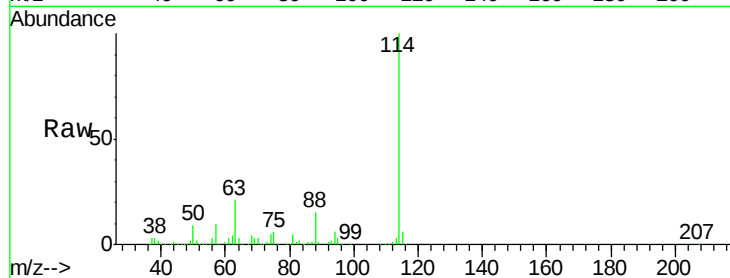
Tgt Ion:114 Resp: 386207

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

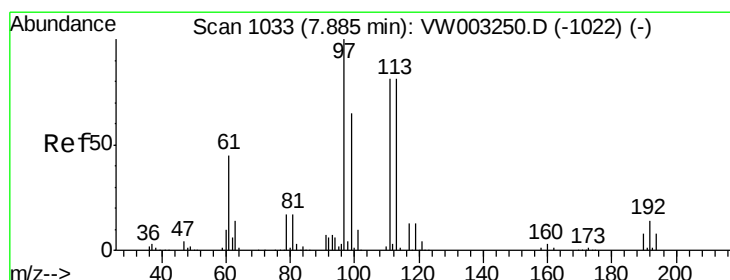
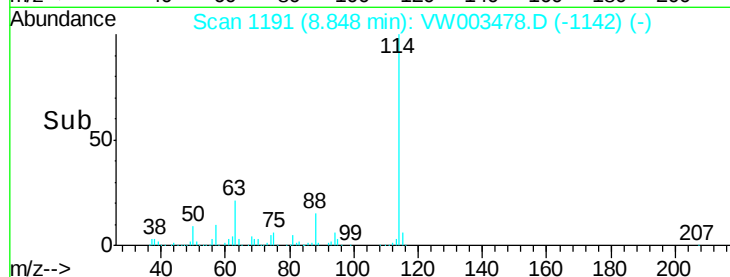
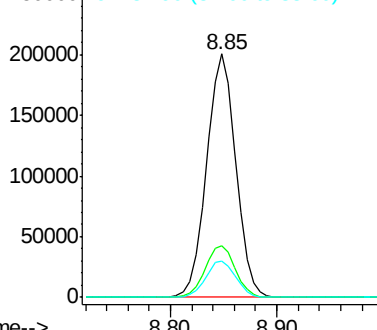
88 15.1 0.0 29.6



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: 54.292 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

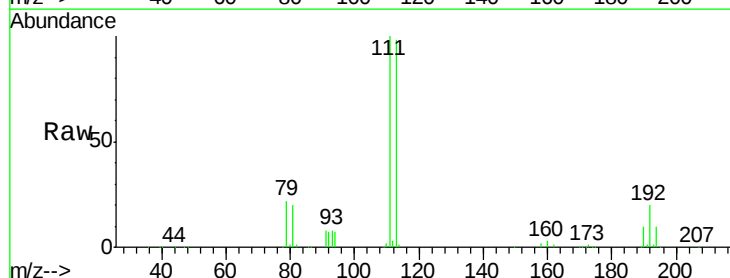
Tgt Ion:113 Resp: 130288

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

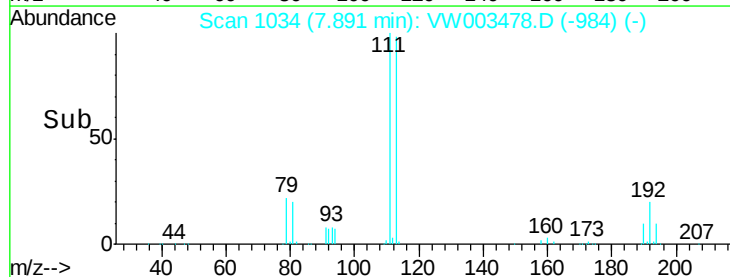
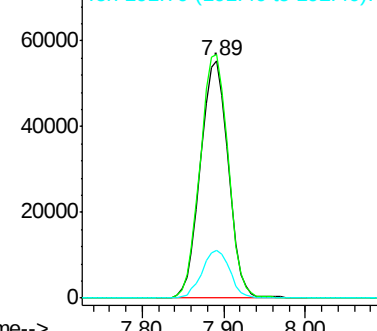
192 20.1 16.2 24.2

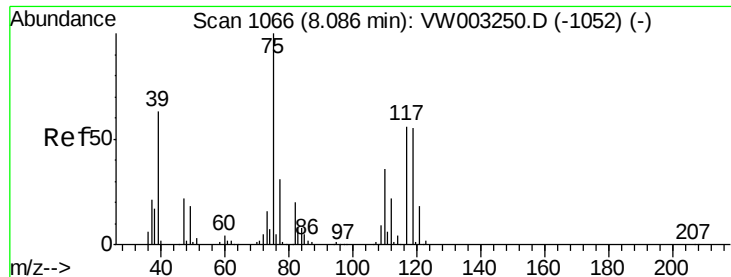


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

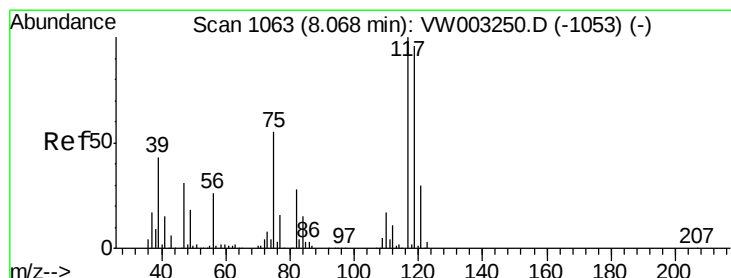
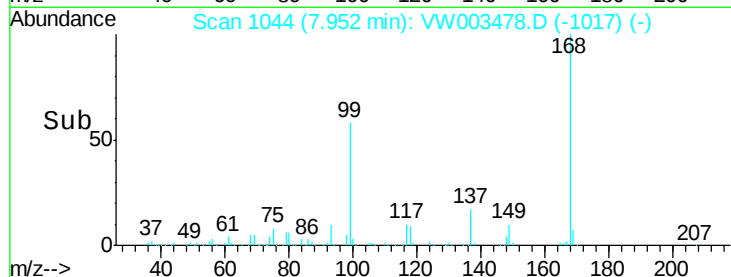
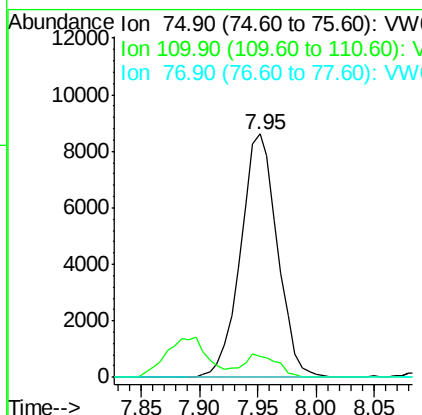
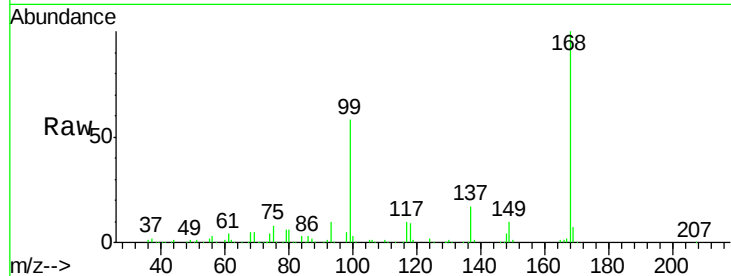




#36
 1,1-Dichloropropene
 Concen: 5.086 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003478.D
 Acq: 24 Jun 2018 00:38

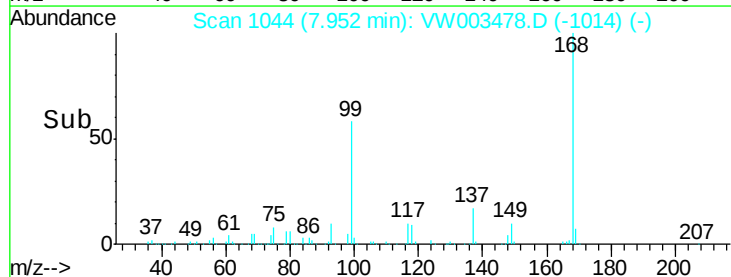
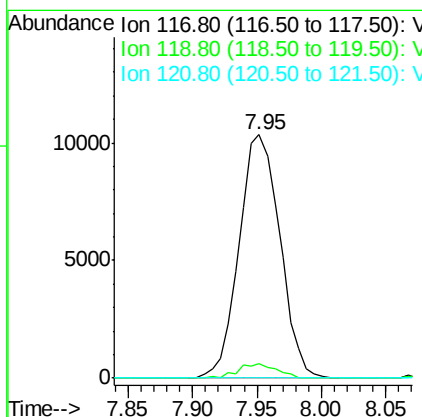
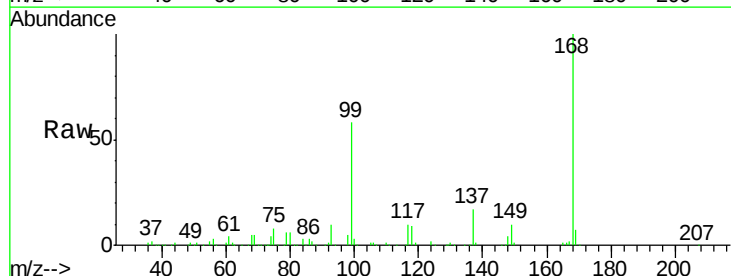
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0623SBL02

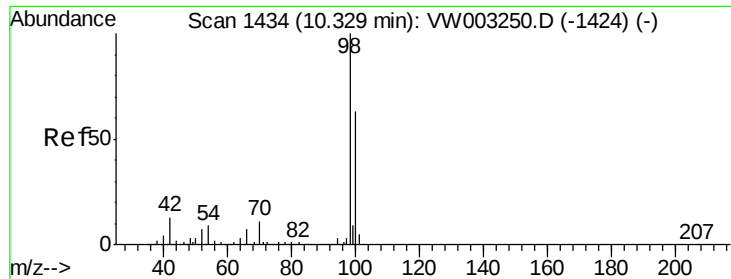
Tgt Ion: 75 Resp: 18968
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.195 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW003478.D
 Acq: 24 Jun 2018 00:38

Tgt Ion: 117 Resp: 22666
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 52.256 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

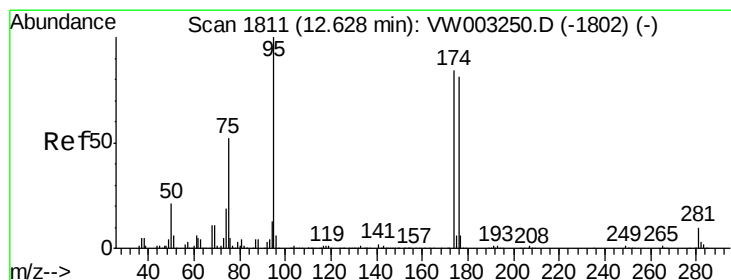
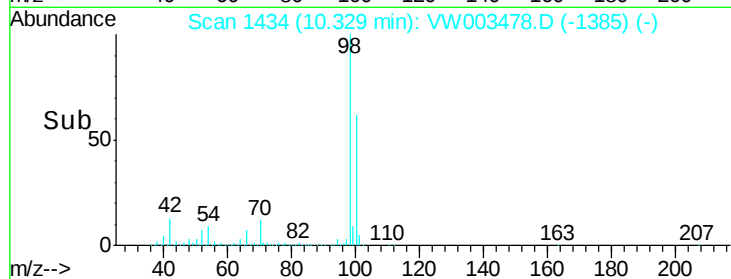
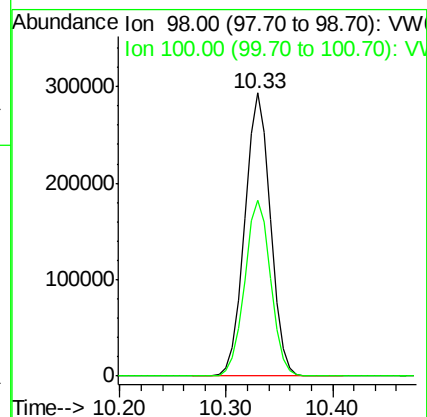
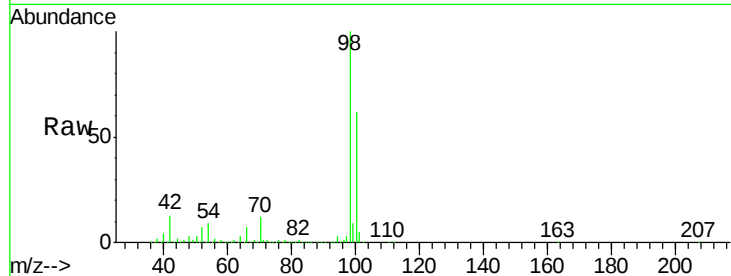
VW0623SBL02

Tgt Ion: 98 Resp: 497244

Ion Ratio Lower Upper

98 100

100 62.8 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 49.540 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

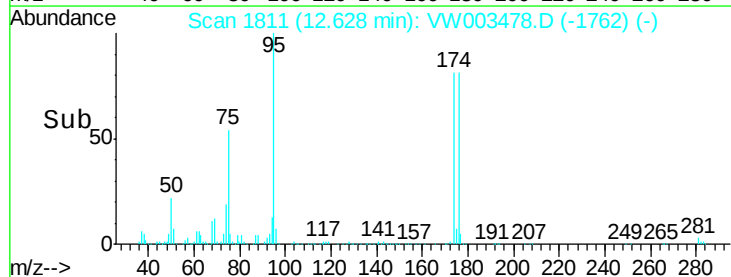
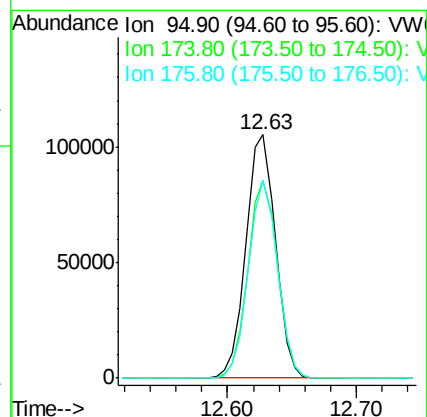
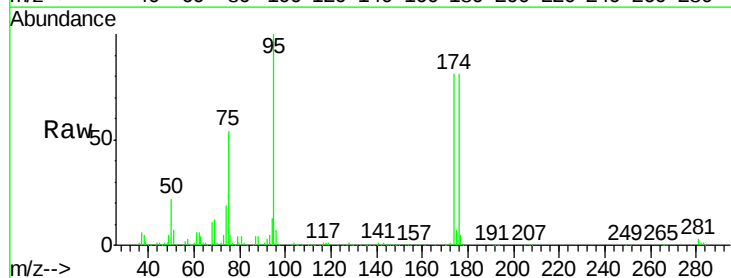
Tgt Ion: 95 Resp: 166826

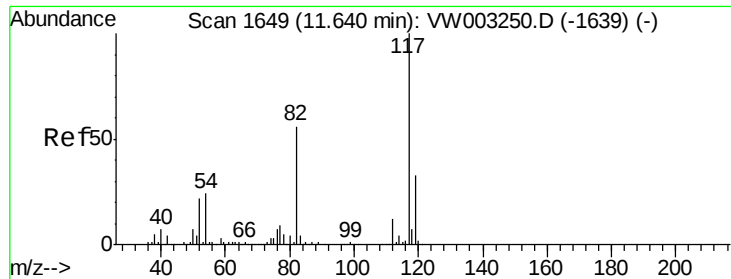
Ion Ratio Lower Upper

95 100

174 81.7 0.0 166.4

176 79.6 0.0 162.0

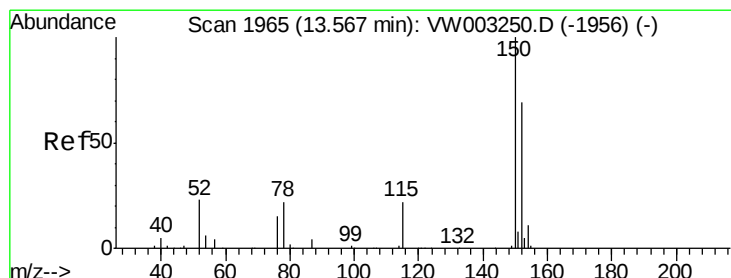
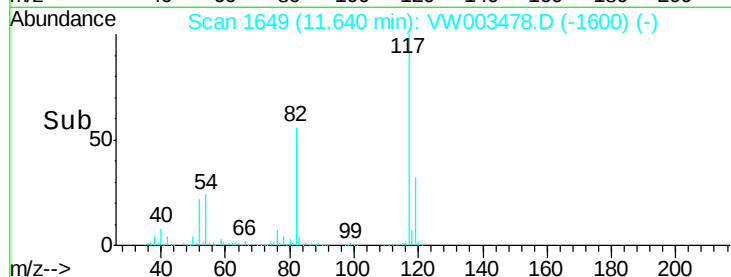
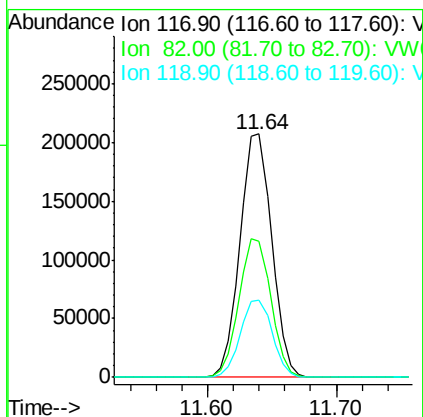
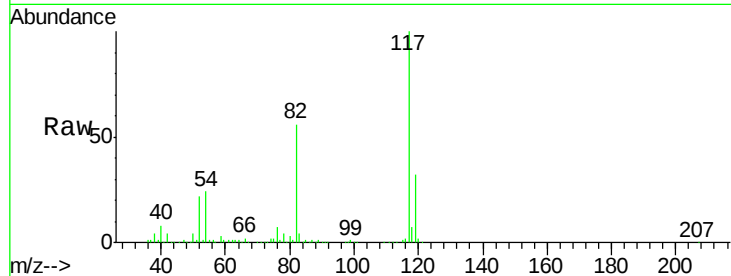




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003478.D
Acq: 24 Jun 2018 00:38

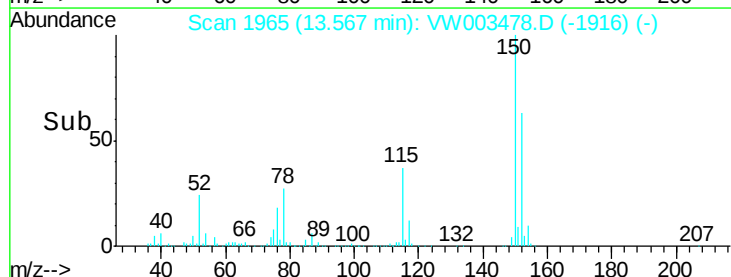
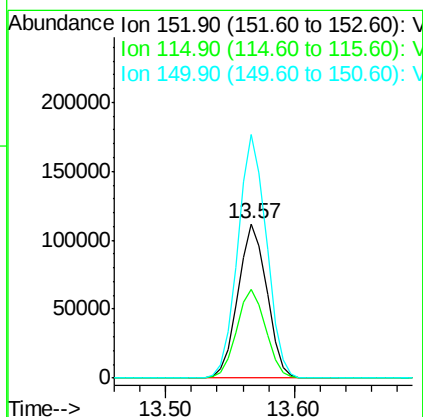
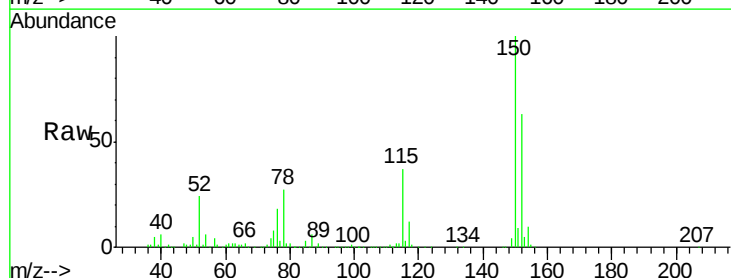
Instrument :
MSVOA_W
ClientSampled :
VW0623SBL02

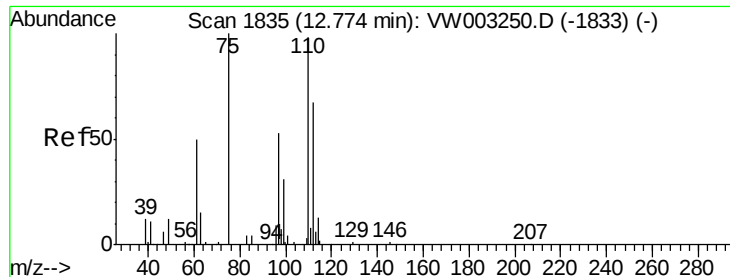
Tgt Ion:117 Resp: 354137
Ion Ratio Lower Upper
117 100
82 56.1 44.6 67.0
119 31.6 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003478.D
Acq: 24 Jun 2018 00:38

Tgt Ion:152 Resp: 173540
Ion Ratio Lower Upper
152 100
115 58.0 29.3 88.0
150 156.8 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 62.045 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

Instrument :

MSVOA_W

ClientSampleId :

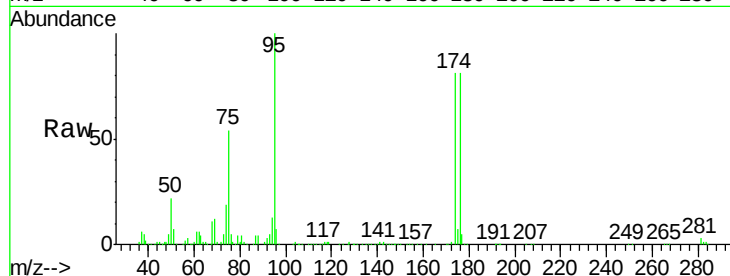
VW0623SBL02

Tgt Ion: 75 Resp: 92048

Ion Ratio Lower Upper

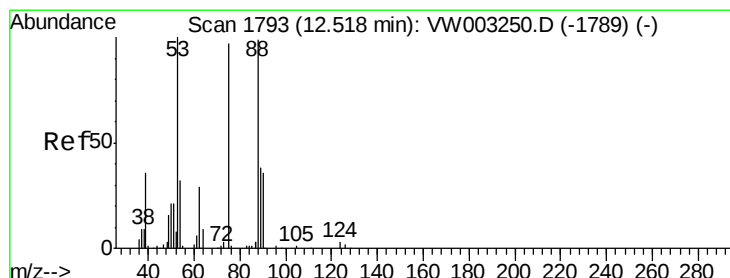
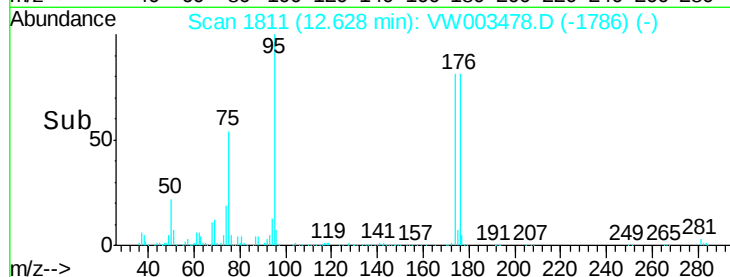
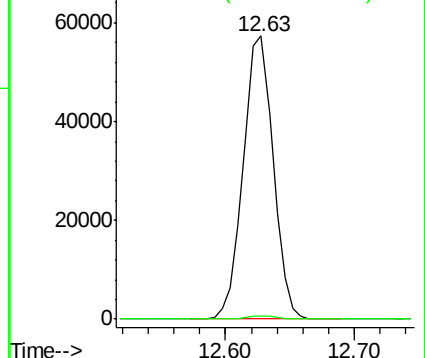
75 100

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: 142.769 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW003478.D

Acq: 24 Jun 2018 00:38

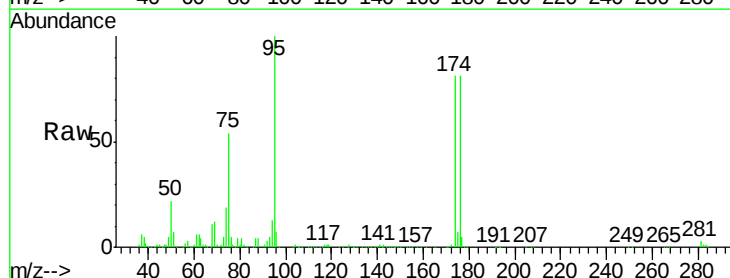
Tgt Ion: 75 Resp: 92048

Ion Ratio Lower Upper

75 100

53 0.1 82.9 124.3#

89 0.0 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

