

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062918\
 Data File : VW003659.D
 Acq On : 29 Jun 2018 14:40
 Operator : SY/AP
 Sample : J3745-02RE
 Misc : 7.02G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 03:39:15 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	117896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	199758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	141662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	61708	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
35) Dibromofluoromethane	7.88	113	59020	47.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.10%	
50) Toluene-d8	10.33	98	149069	30.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.58%	
62) 4-Bromofluorobenzene	12.63	95	32673	18.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.52%	

Target Compounds

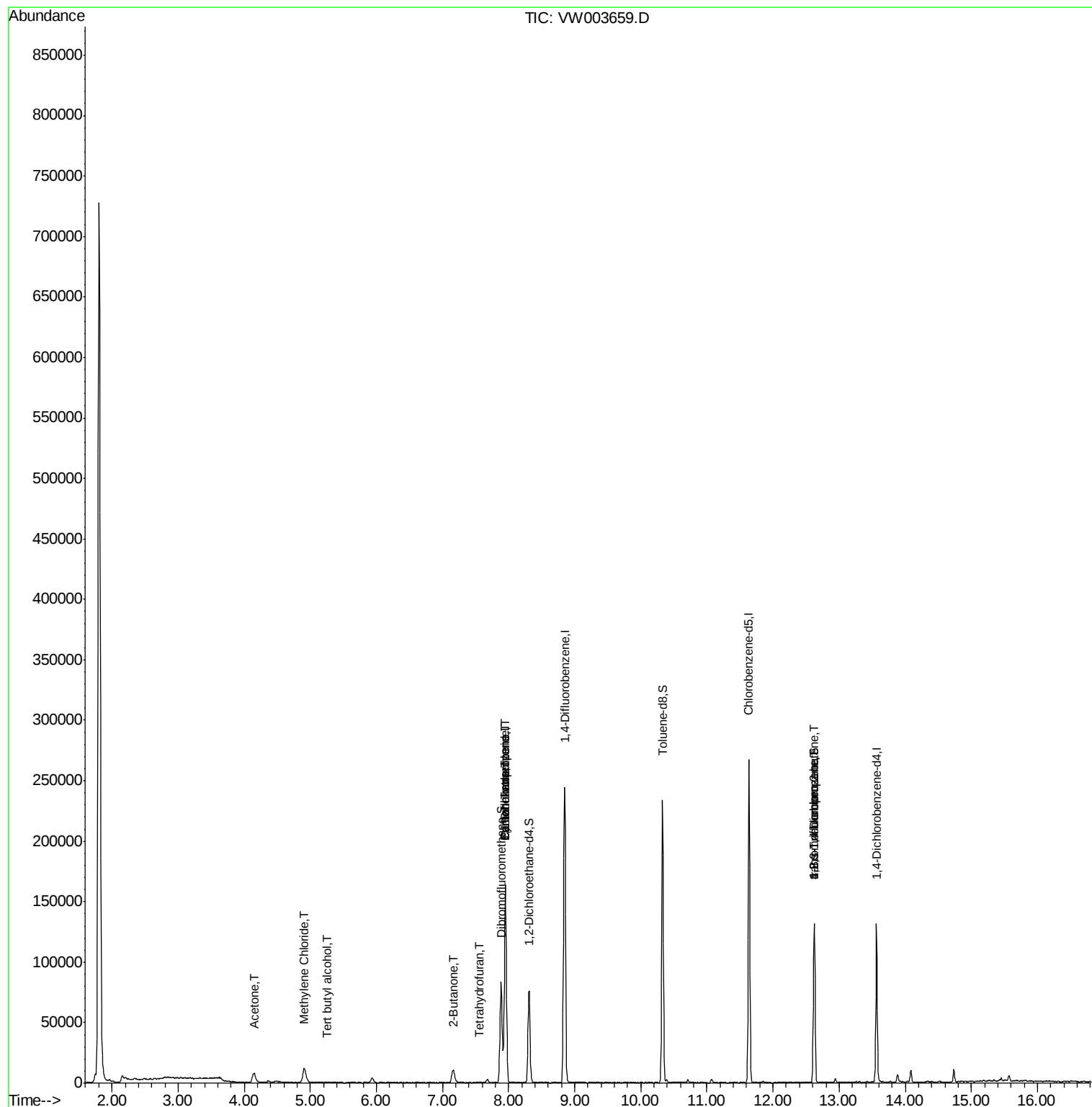
					Qvalue	
11) Tert butyl alcohol	5.26	59	205	2.993	ug/l #	84
16) Acetone	4.15	43	16391	61.201	ug/l	100
20) Methylene Chloride	4.90	84	9479	5.030	ug/l	93
25) 2-Butanone	7.18	43	1068	3.207	ug/l #	50
29) Tetrahydrofuran	7.54	42	319	1.567	ug/l #	47
31) Cyclohexane	7.95	56	3121	1.512	ug/l #	32
36) 1,1-Dichloropropene	7.96	75	10011	5.189	ug/l #	49
38) Carbon Tetrachloride	7.96	117	11891	6.284	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	18063	66.990	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	18063	154.147	ug/l #	9

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

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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: VW003659.D

Acq: 29 Jun 2018 14:40

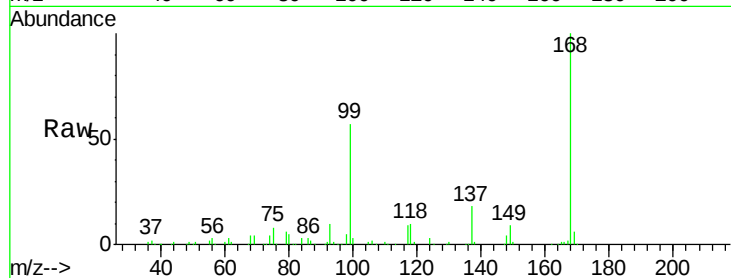
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 117896

Ion Ratio Lower Upper

168 100

99 56.6 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

60000

50000

40000

30000

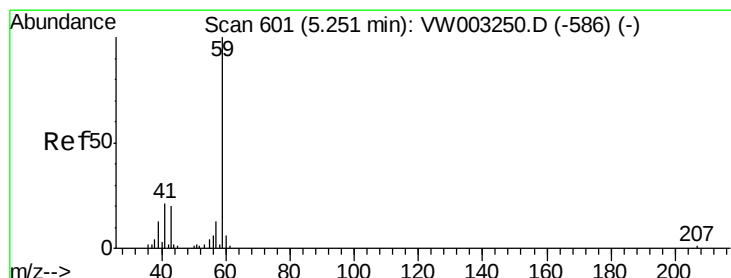
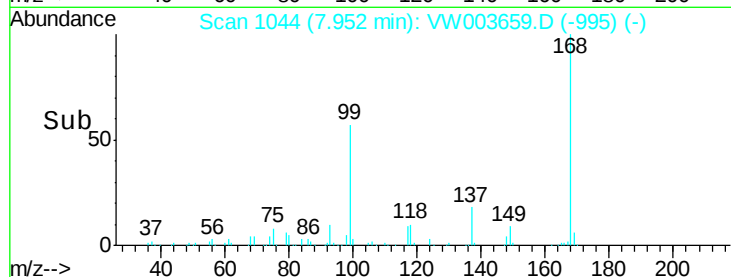
20000

10000

0

Time-->

7.90 8.00



#11

Tert butyl alcohol

Concen: 2.993 ug/l

RT: 5.26 min Scan# 602

Delta R.T. 0.01 min

Lab File: VW003659.D

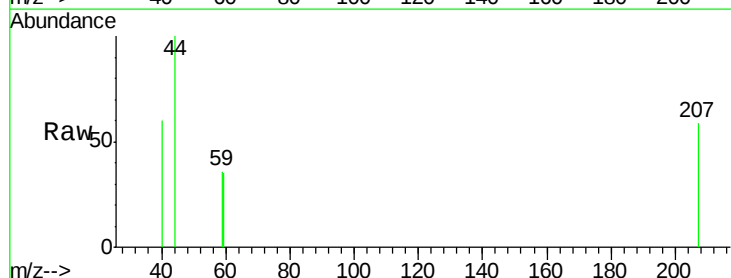
Acq: 29 Jun 2018 14:40

Tgt Ion: 59 Resp: 205

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

5.26

150

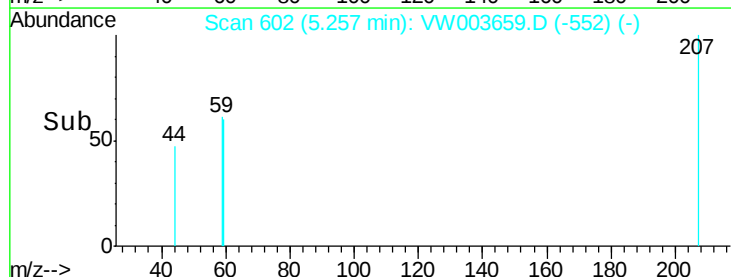
100

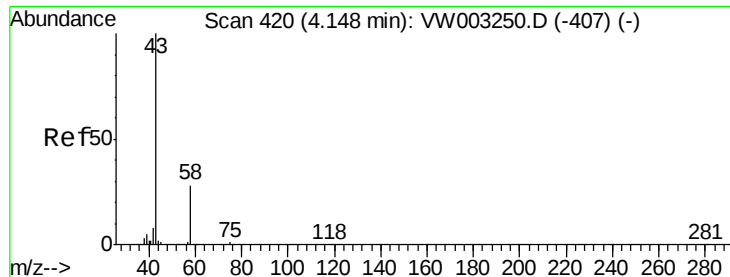
50

0

Time-->

5.22 5.24 5.26 5.28





#16

Acetone

Concen: 61.201 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003659.D

Acq: 29 Jun 2018 14:40

Instrument :

MSVOA_W

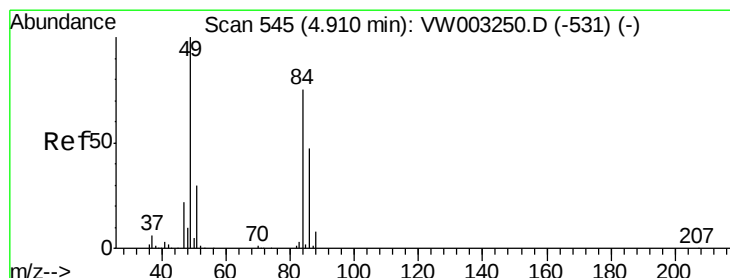
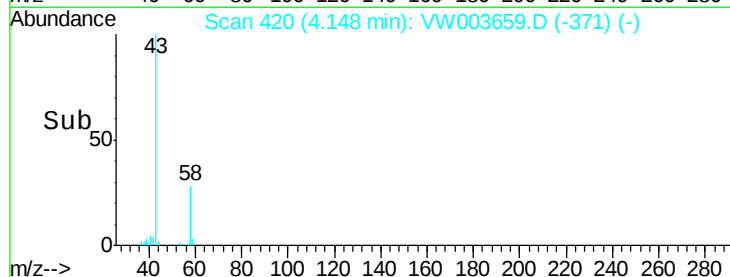
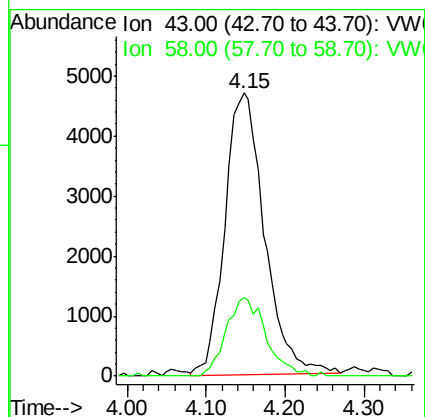
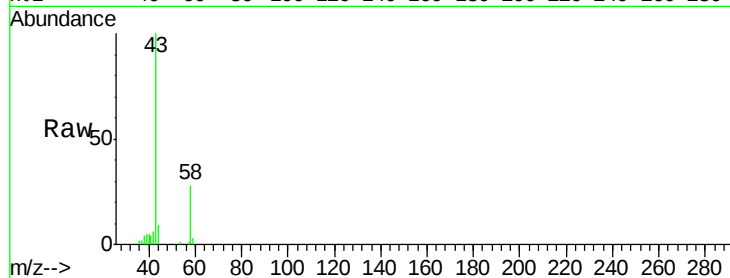
ClientSampled :

Tot Ion: 43 Resp: 16391

Ion Ratio Lower Upper

43 100

58 28.2 22.6 34.0



#20

Methylene Chloride

Concen: 5.030 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003659.D

Acq: 29 Jun 2018 14:40

Tgt Ion: 84 Resp: 9479

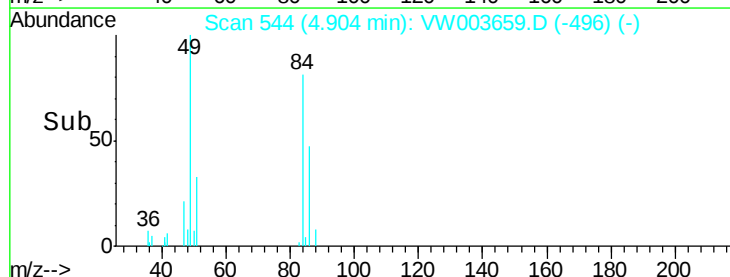
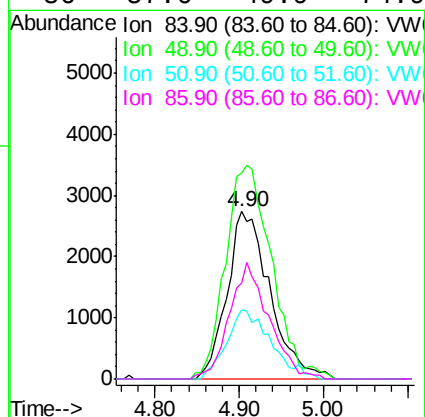
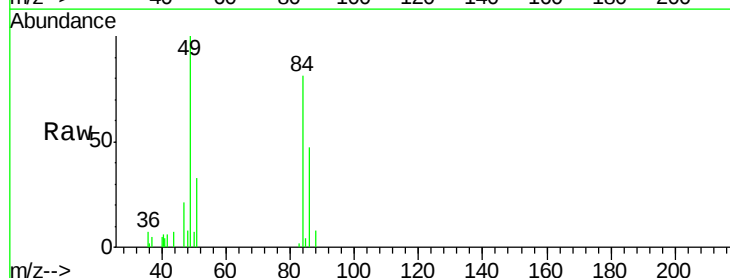
Ion Ratio Lower Upper

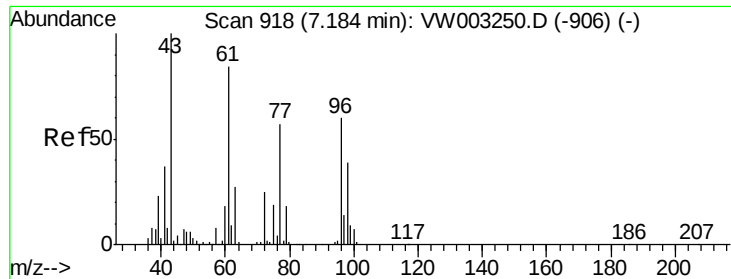
84 100

49 123.2 106.3 159.5

51 41.1 32.0 48.0

86 57.6 49.9 74.9

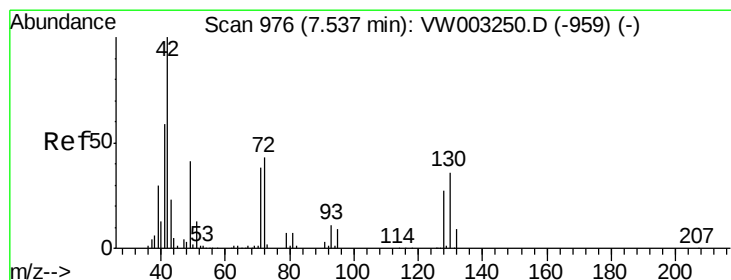
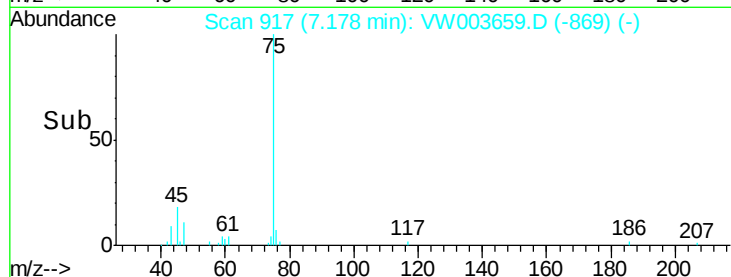
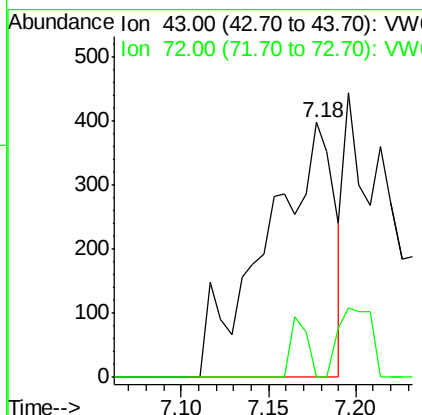
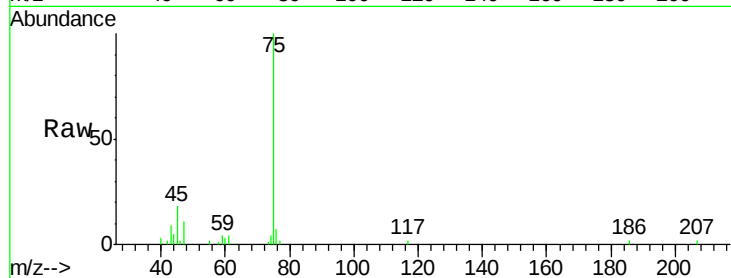




#25
2-Butanone
Concen: 3.207 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.01 min
Lab File: VW003659.D
Acq: 29 Jun 2018 14:40

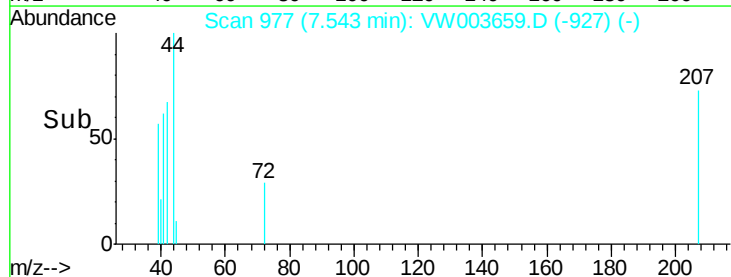
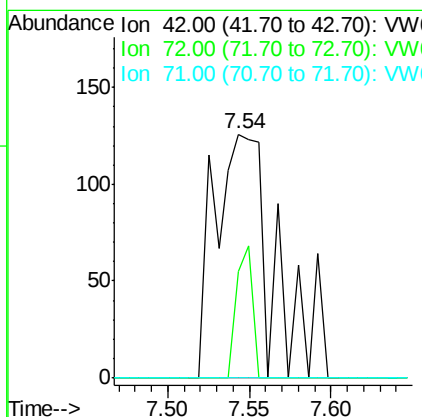
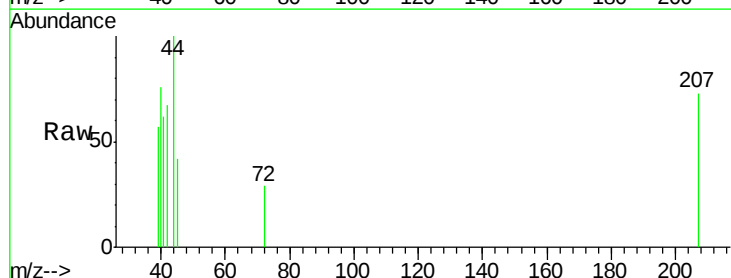
Instrument :
MSVOA_W
ClientSampled :

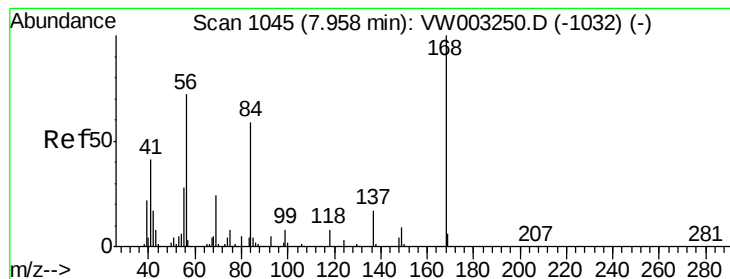
Tot Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
72 0.0 20.3 30.5#



#29
Tetrahydrofuran
Concen: 1.567 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003659.D
Acq: 29 Jun 2018 14:40

Tgt Ion: 42 Resp: 319
Ion Ratio Lower Upper
42 100
72 14.1 32.4 48.6#
71 0.0 31.2 46.8#





#31

Cyclohexane

Concen: 1.512 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW003659.D

Acq: 29 Jun 2018 14:40

Instrument :
MSVOA_W
ClientSampled :

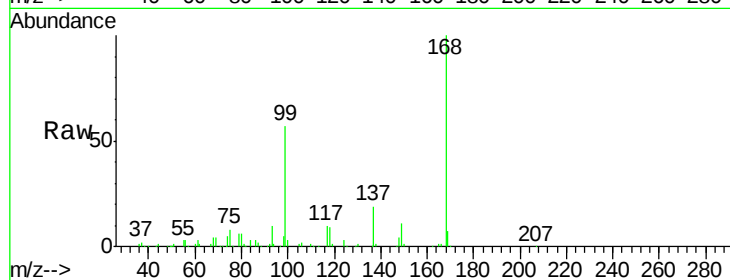
Tot Ion: 56 Resp: 3121

Ion Ratio Lower Upper

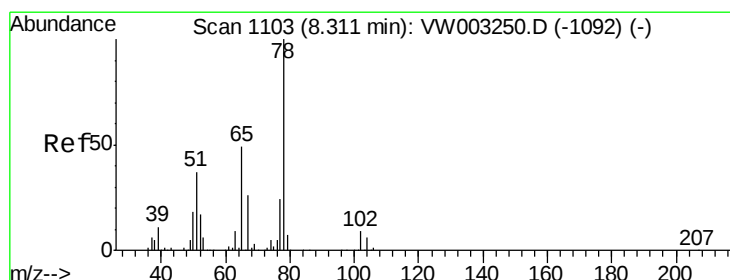
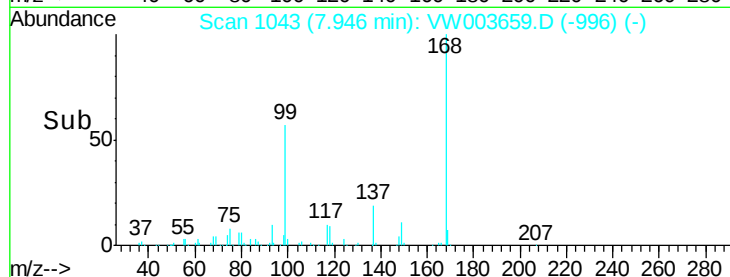
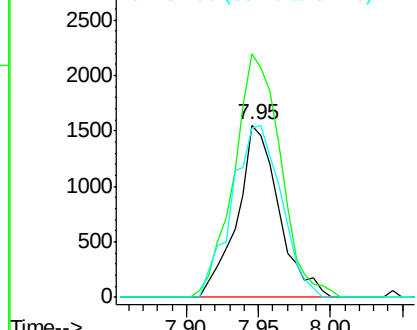
56 100

69 141.3 26.3 39.5#

84 98.6 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: 48.323 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003659.D

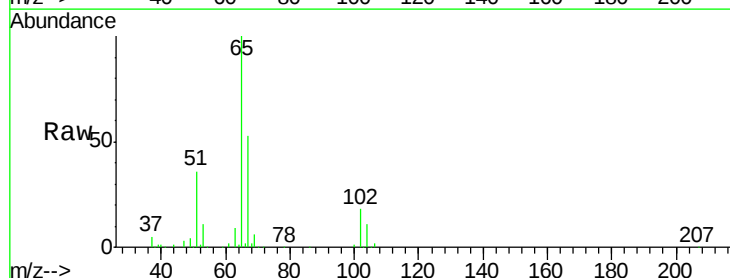
Acq: 29 Jun 2018 14:40

Tgt Ion: 65 Resp: 61708

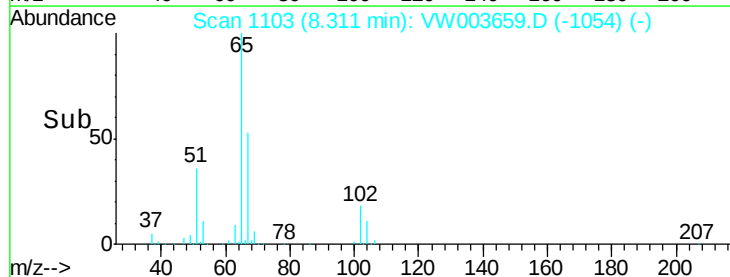
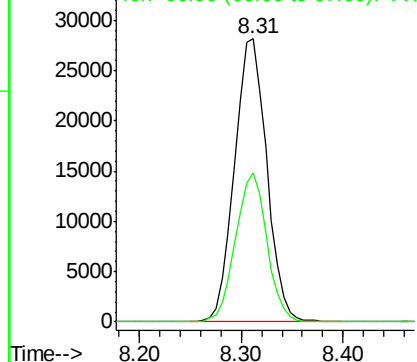
Ion Ratio Lower Upper

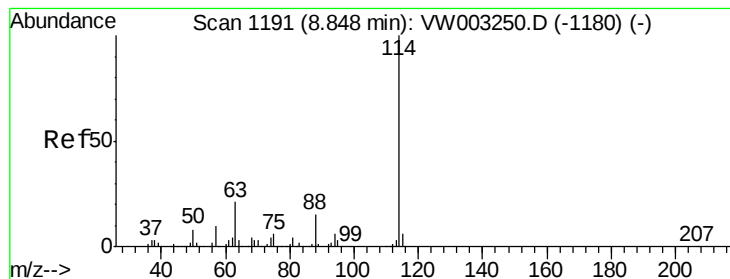
65 100

67 51.1 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: VW003659.D

Acq: 29 Jun 2018 14:40

Instrument :

MSVOA_W

ClientSampleId :

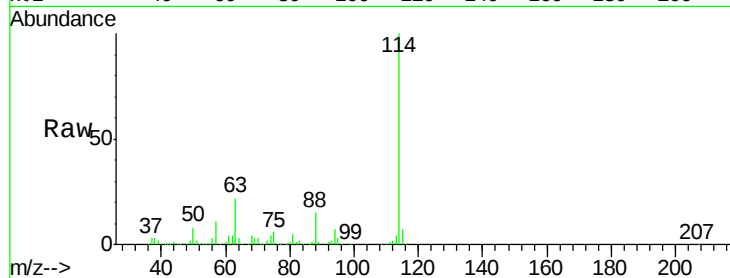
Tot Ion:114 Resp: 199758

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.0

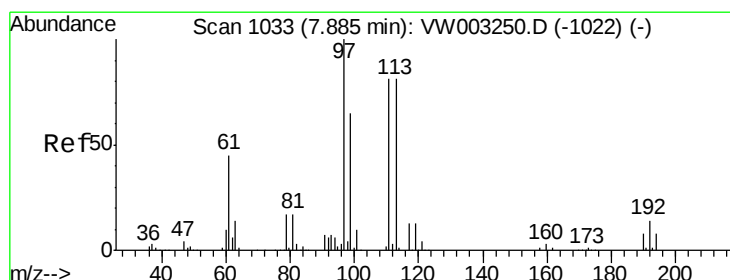
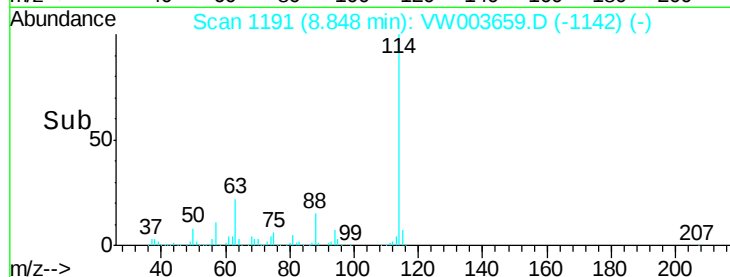
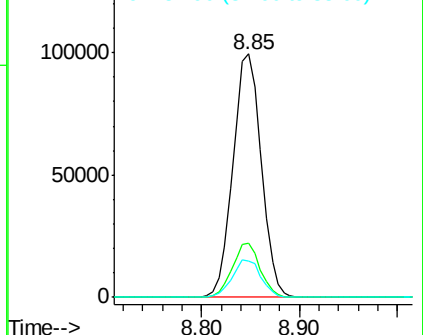
88 14.7 0.0 29.6



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: 47.549 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003659.D

Acq: 29 Jun 2018 14:40

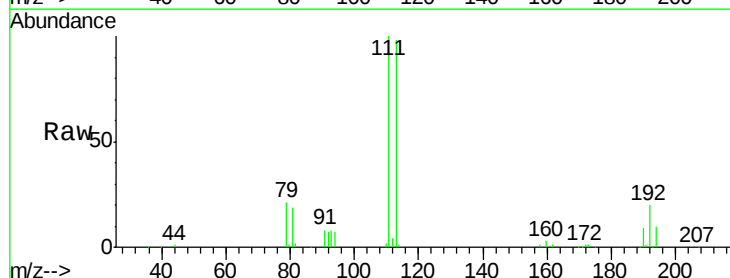
Tgt Ion:113 Resp: 59020

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

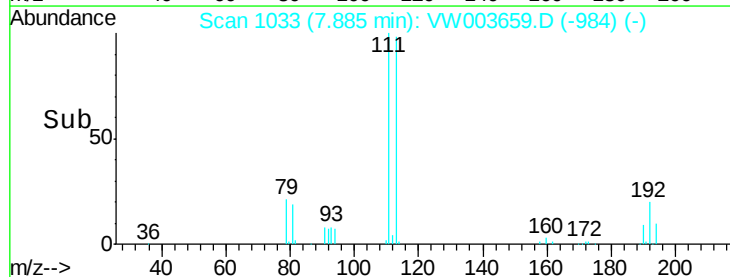
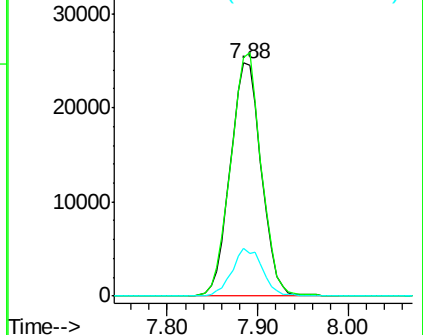
192 19.9 16.2 24.2

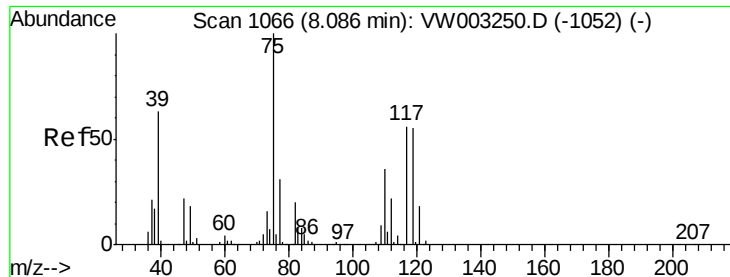


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

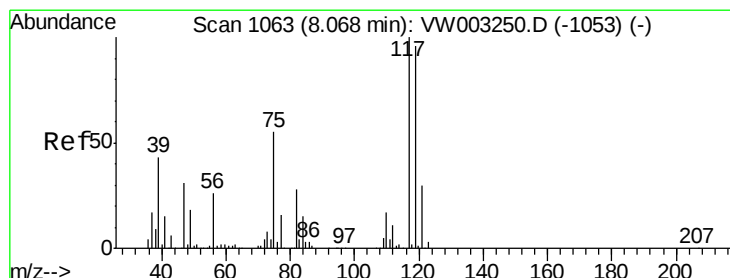
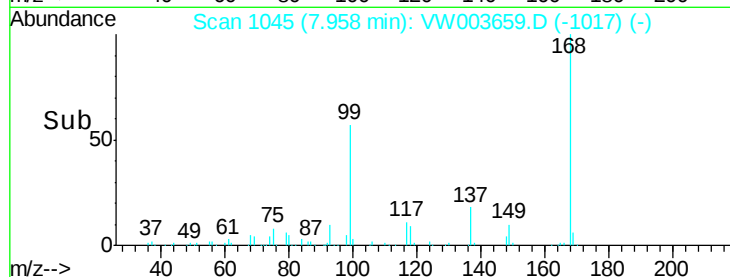
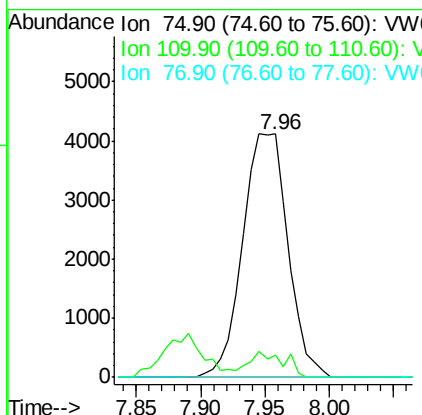
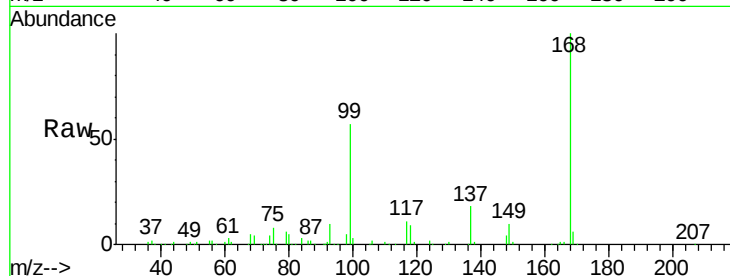




#36
 1,1-Dichloropropene
 Concen: 5.189 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.13 min
 Lab File: VW003659.D
 Acq: 29 Jun 2018 14:40

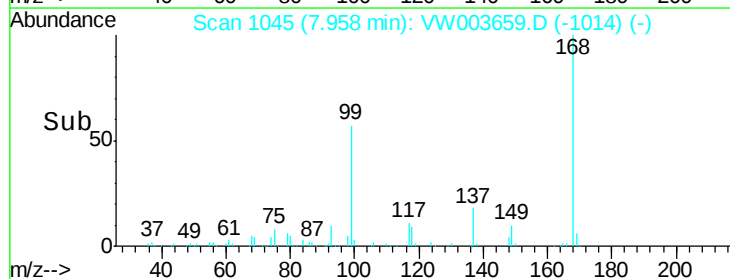
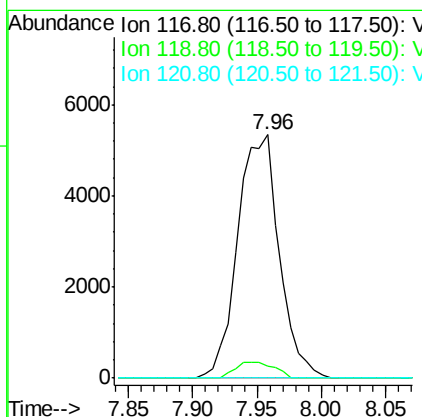
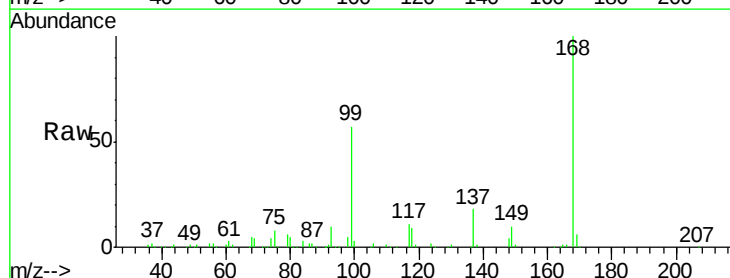
Instrument :
 MSVOA_W
 ClientSampled :

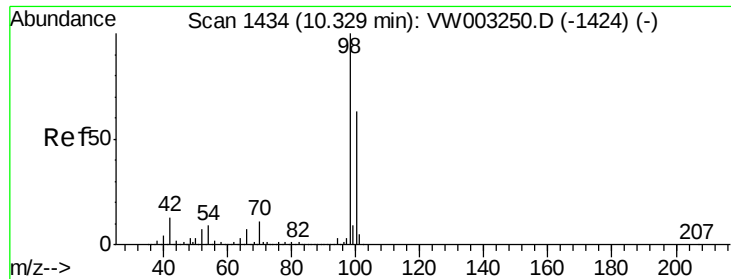
Tot Ion: 75 Resp: 10011
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.284 ug/l
 RT: 7.96 min Scan# 1045
 Delta R.T. -0.11 min
 Lab File: VW003659.D
 Acq: 29 Jun 2018 14:40

Tgt Ion: 117 Resp: 11891
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.6 115.0#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 30.288 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003659.D

Acq: 29 Jun 2018 14:40

Instrument :

MSVOA_W

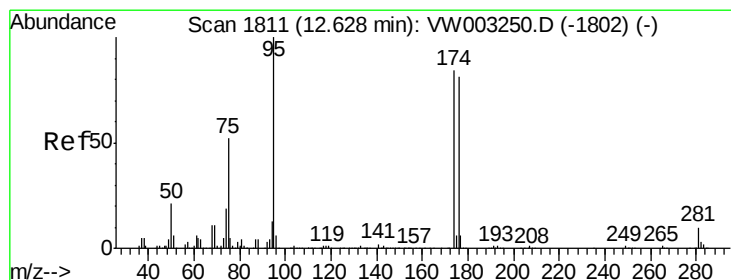
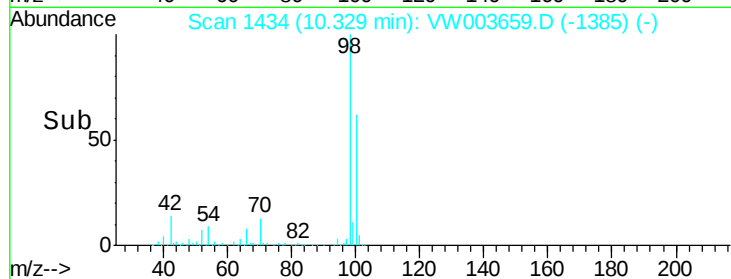
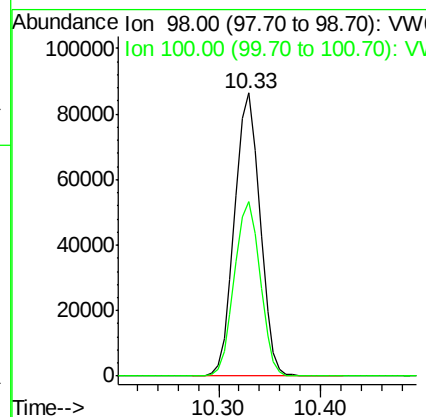
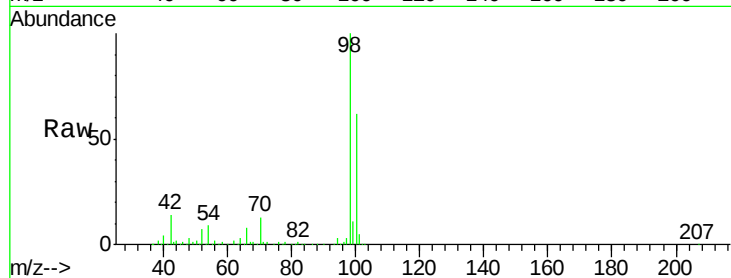
ClientSampleId :

Tot Ion: 98 Resp: 149069

Ion Ratio Lower Upper

98 100

100 62.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 18.758 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003659.D

Acq: 29 Jun 2018 14:40

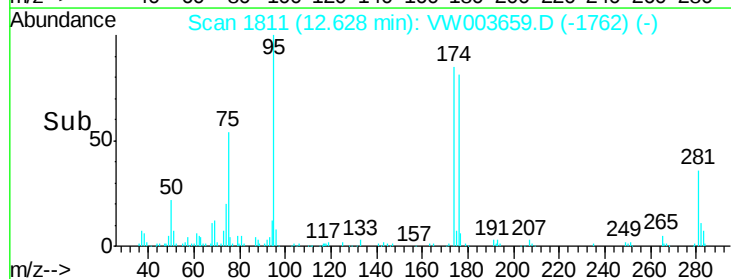
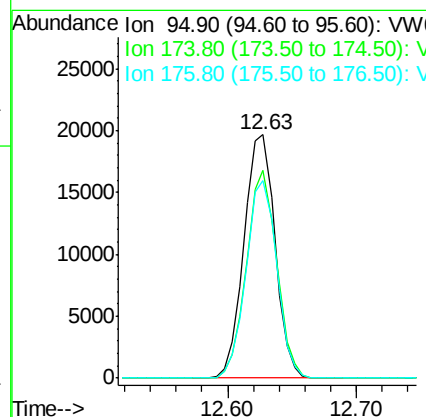
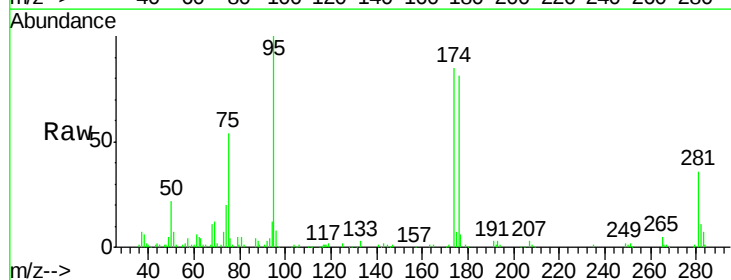
Tgt Ion: 95 Resp: 32673

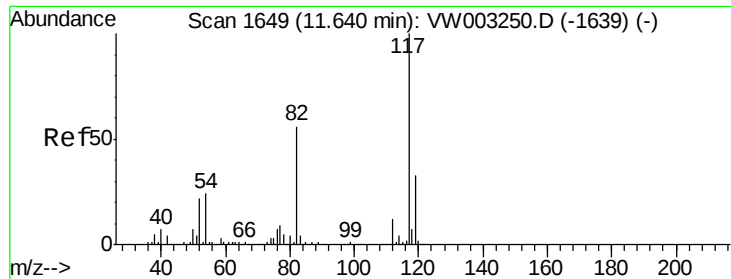
Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.4

176 80.2 0.0 162.0

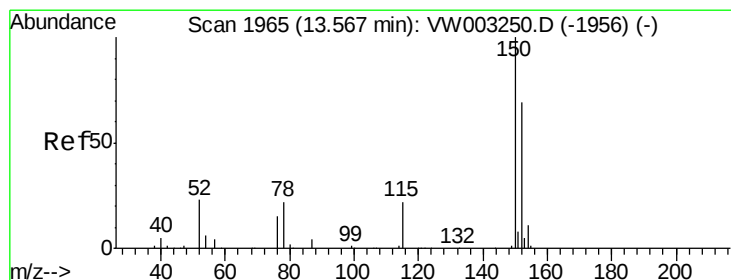
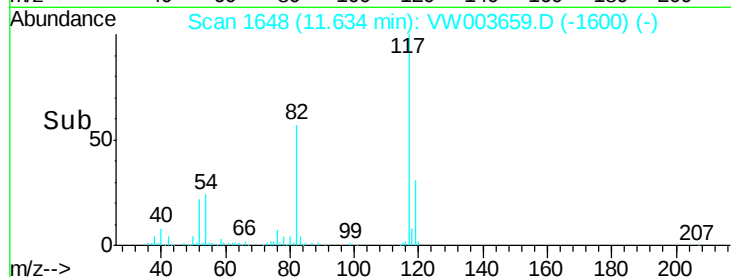
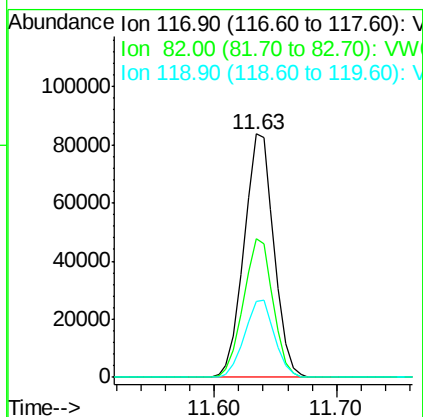
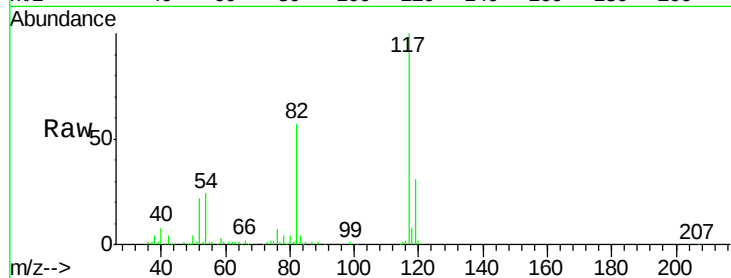




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003659.D
Acq: 29 Jun 2018 14:40

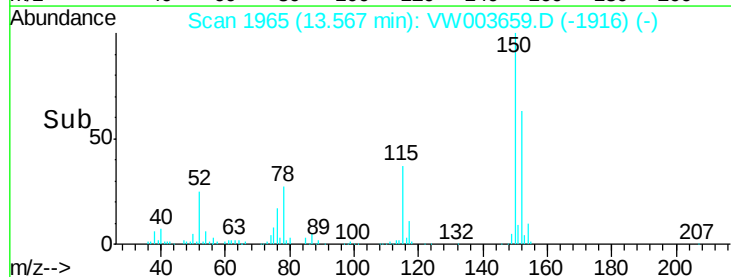
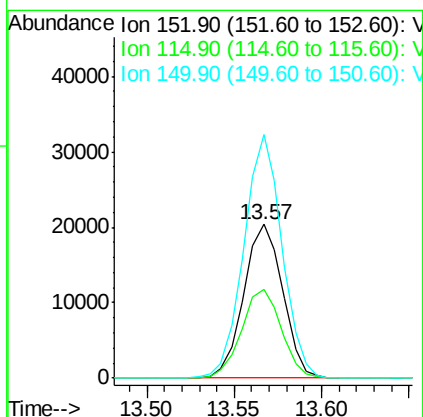
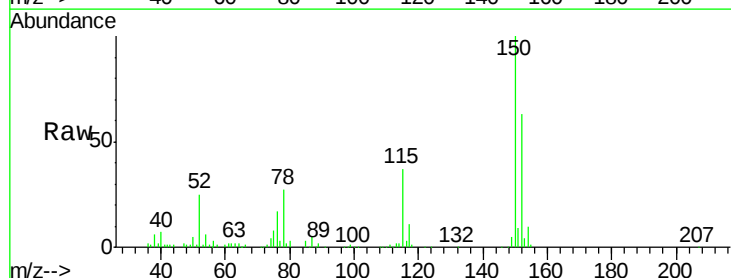
Instrument :
MSVOA_W
ClientSampleId :

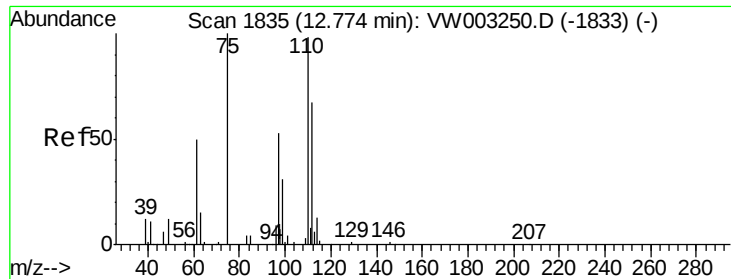
Tot Ion:117 Resp: 141662
Ion Ratio Lower Upper
117 100
82 57.0 44.6 67.0
119 31.3 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003659.D
Acq: 29 Jun 2018 14:40

Tgt Ion:152 Resp: 31541
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 155.2 0.0 349.6





#76

1,2,3-Trichloropropane

Concen: 66.990 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003659.D

Acq: 29 Jun 2018 14:40

Instrument :

MSVOA_W

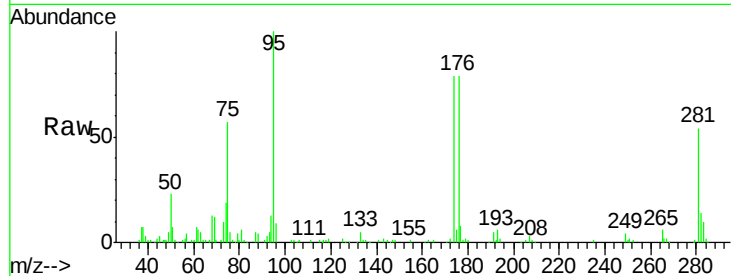
ClientSampleId :

Tot Ion: 75 Resp: 18063

Ion Ratio Lower Upper

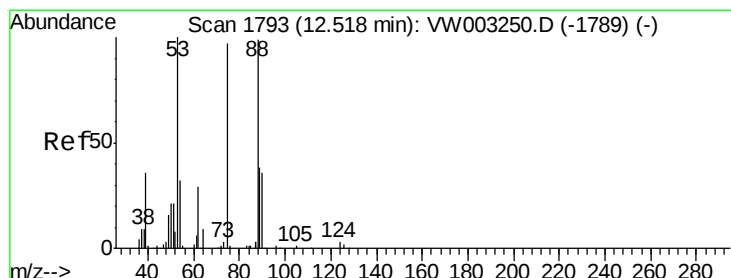
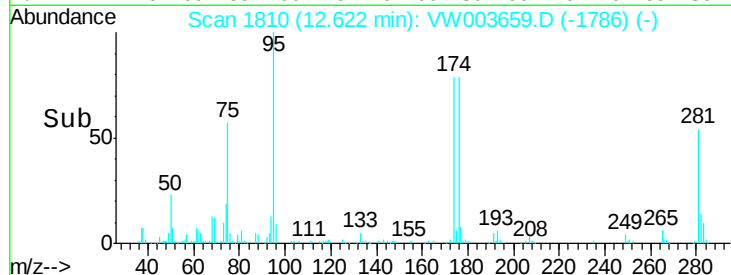
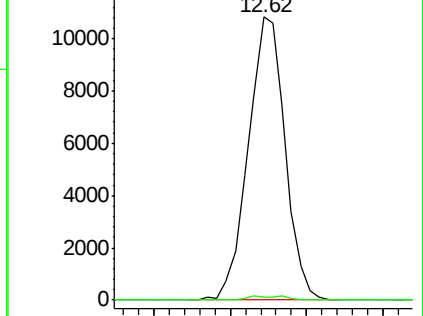
75 100

77 1.5 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: 154.147 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003659.D

Acq: 29 Jun 2018 14:40

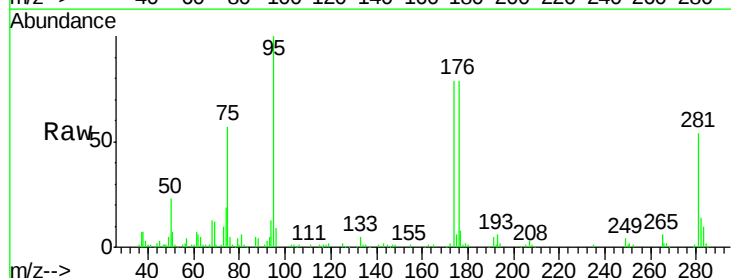
Tgt Ion: 75 Resp: 18063

Ion Ratio Lower Upper

75 100

53 0.2 82.9 124.3#

89 0.7 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

