

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015803.D
 Acq On : 08 Jul 2020 11:58
 Operator : SY/VA
 Sample : VW0708SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBL01

Quant Time: Jul 09 04:35:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	310604	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122971	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	95015	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
35) Dibromofluoromethane	7.88	113	85794	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	10.33	98	330856	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	12.62	95	115985	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

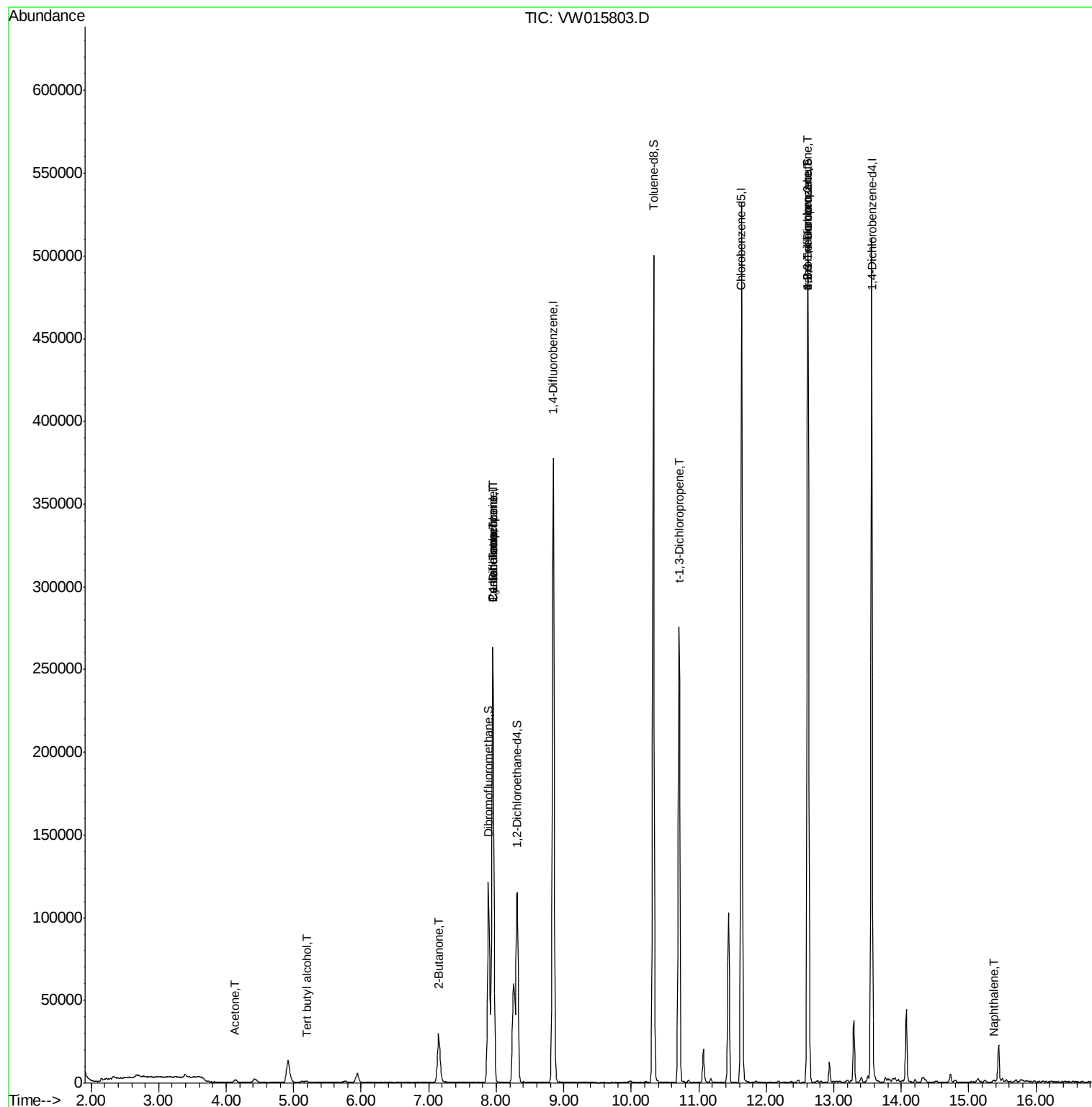
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	1305	6.787	ug/l	97
16) Acetone	4.14	43	3190	8.718	ug/l	93
25) 2-Butanone	7.15	43	1796	3.616	ug/l #	79
31) Cyclohexane	7.95	56	4679	1.382	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	16440	5.369	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20055	6.769	ug/l #	16
53) t-1,3-Dichloropropene	10.71	75	3921	1.489	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	65733	60.822	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	65733	131.380	ug/l #	8
95) Naphthalene	15.37	128	1126	3.078	ug/l #	93

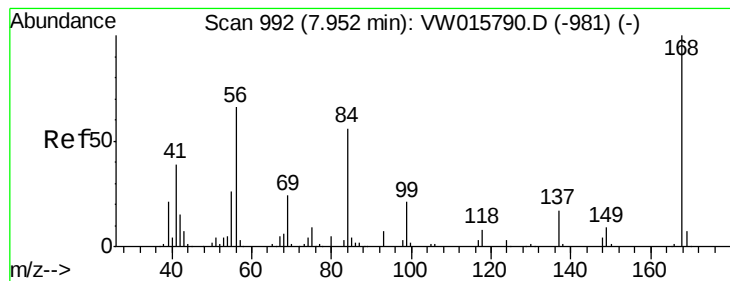
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070820\
Data File : VW015803.D
Acq On : 08 Jul 2020 11:58
Operator : SY/VA
Sample : VW0708SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBL01

Quant Time: Jul 09 04:35:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015803.D

Acq: 08 Jul 2020 11:58

Instrument :

MSVOA_W

ClientSampleId :

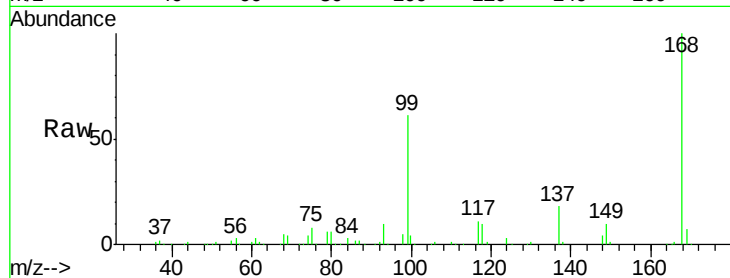
VW0708SBL01

Tot Ion:168 Resp: 189910

Ion Ratio Lower Upper

168 100

99 61.4 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

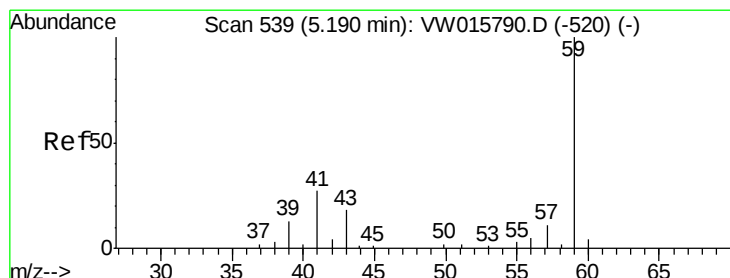
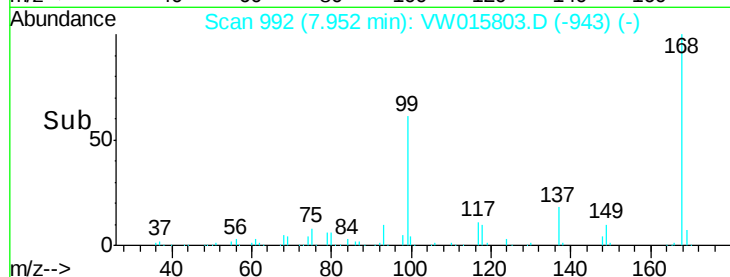
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.787 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.01 min

Lab File: VW015803.D

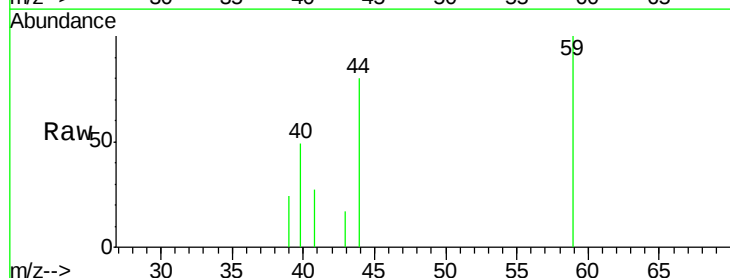
Acq: 08 Jul 2020 11:58

Tgt Ion: 59 Resp: 1305

Ion Ratio Lower Upper

59 100

57 9.9 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

400

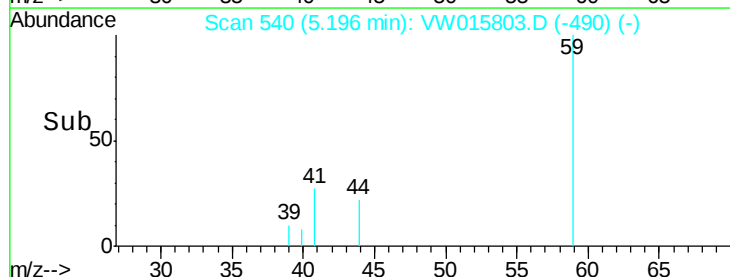
300

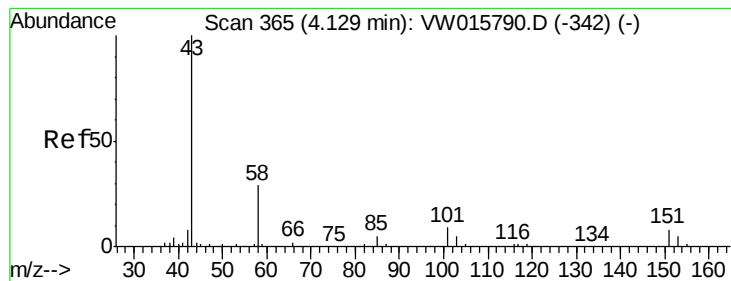
200

100

0

Time-->





#16

Acetone

Concen: 8.718 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW015803.D

Acq: 08 Jul 2020 11:58

Instrument :

MSVOA_W

ClientSampleId :

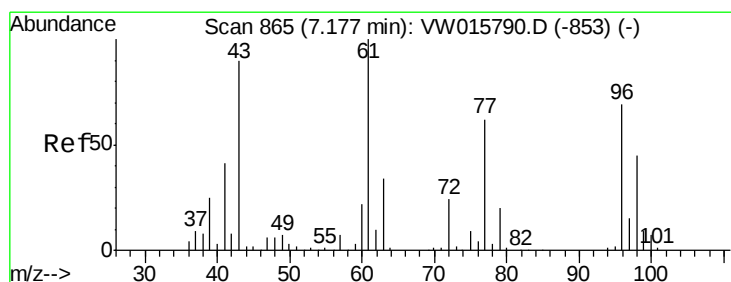
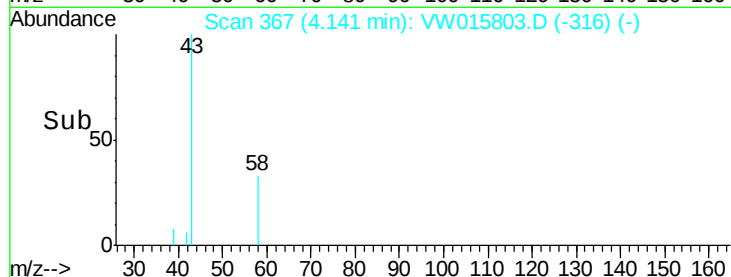
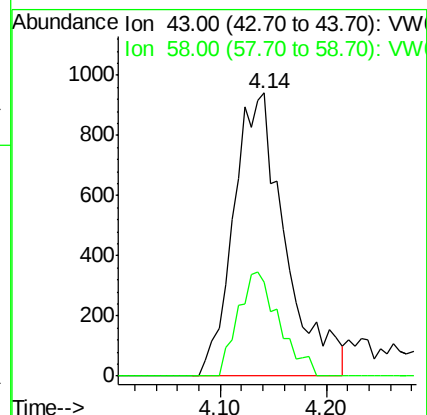
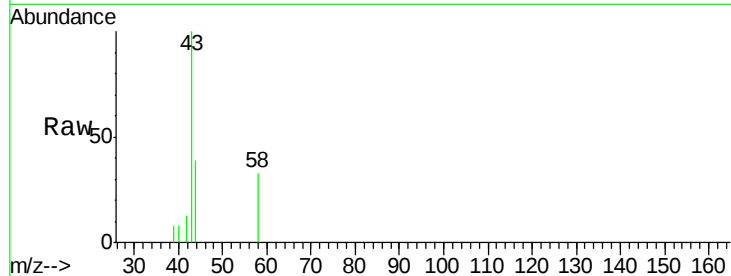
VW0708SBL01

Tot Ion: 43 Resp: 3190

Ion Ratio Lower Upper

43 100

58 33.4 23.5 35.3



#25

2-Butanone

Concen: 3.616 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW015803.D

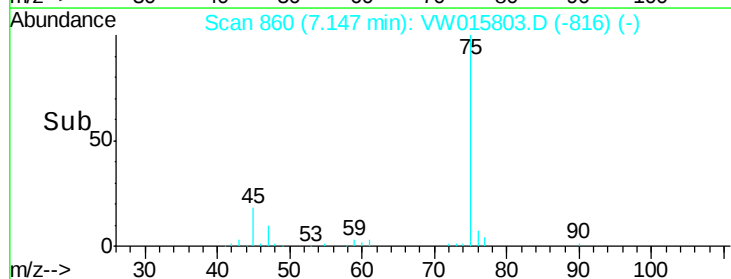
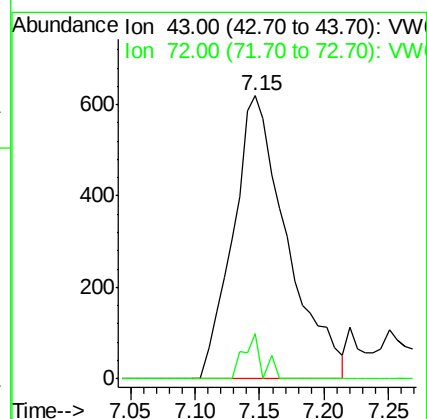
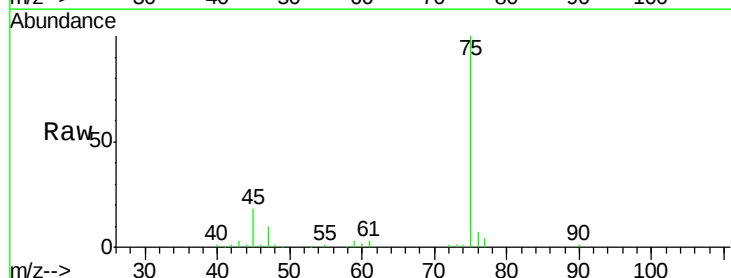
Acq: 08 Jul 2020 11:58

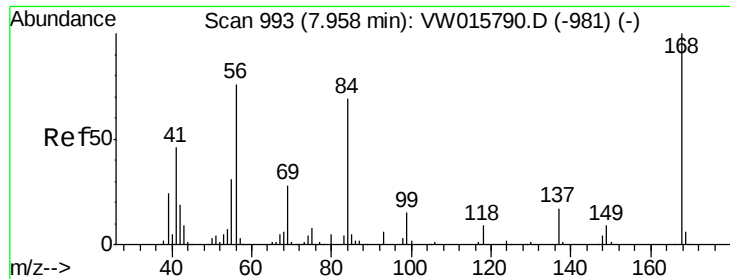
Tgt Ion: 43 Resp: 1796

Ion Ratio Lower Upper

43 100

72 15.8 21.3 31.9#

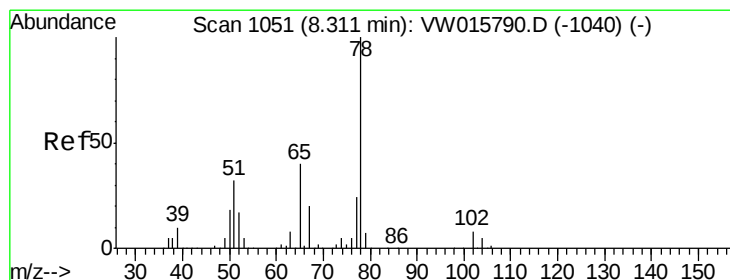
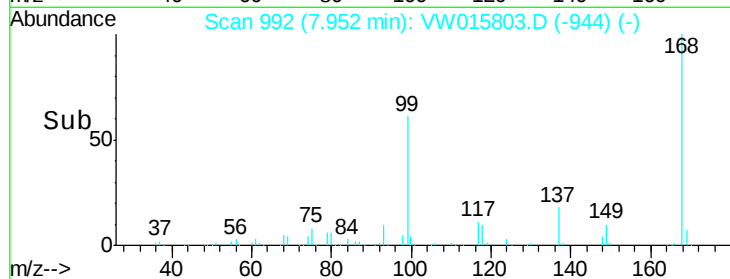
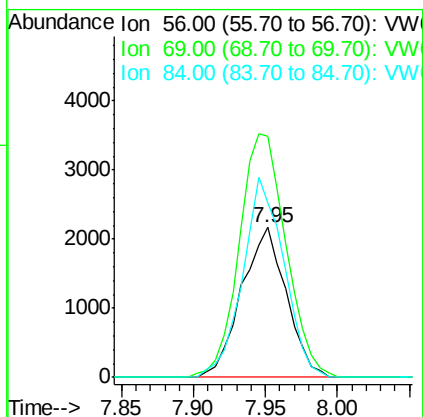
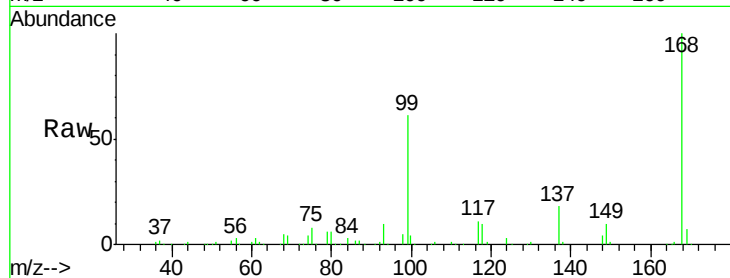




#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015803.D
Acq: 08 Jul 2020 11:58

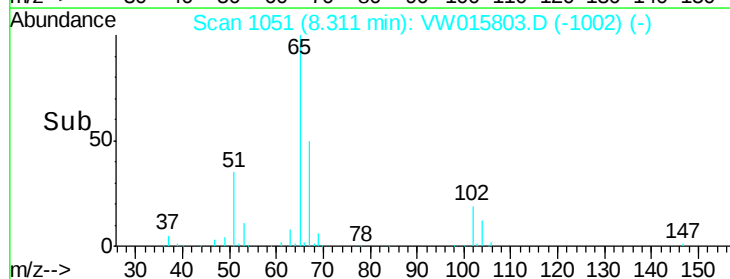
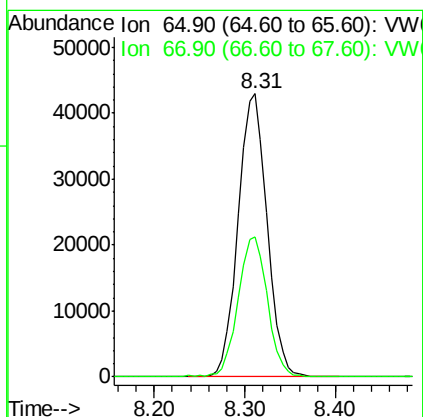
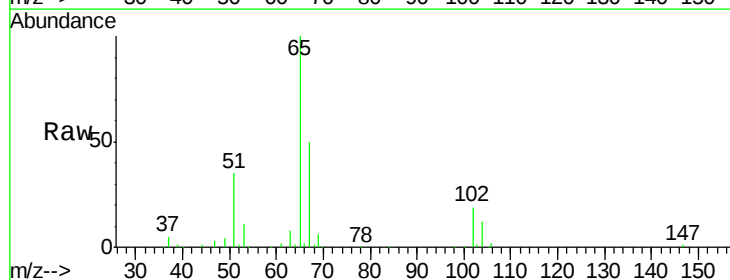
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBL01

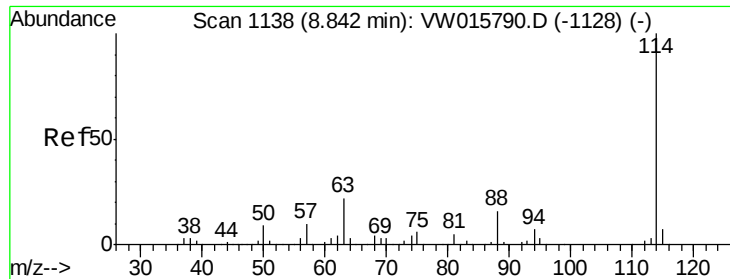
Tot Ion: 56 Resp: 4679
Ion Ratio Lower Upper
56 100
69 161.0 28.9 43.3#
84 116.1 72.2 108.4#



#33
1,2-Dichloroethane-d4
Concen: 48.586 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW015803.D
Acq: 08 Jul 2020 11:58

Tgt Ion: 65 Resp: 95015
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.4

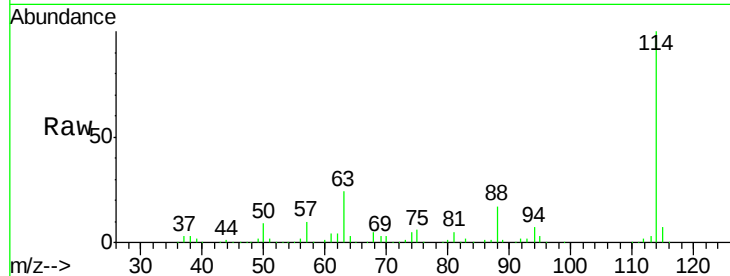




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015803.D
 Acq: 08 Jul 2020 11:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBL01

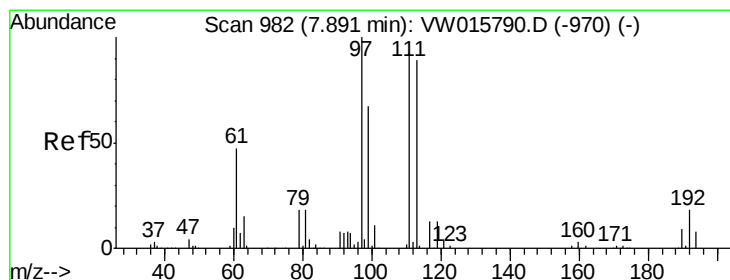
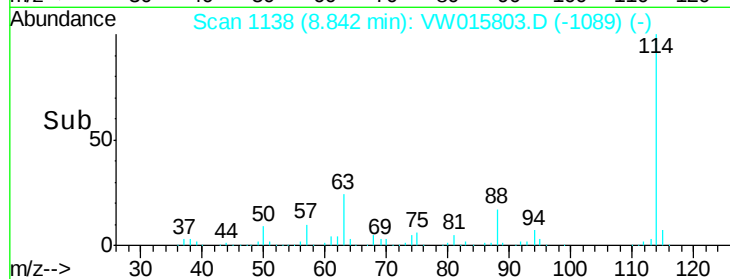
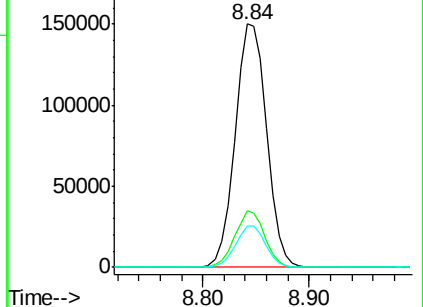
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	44.4
88	16.8	0.0	32.6



Abundance Ion 113.90 (113.60 to 114.60): V

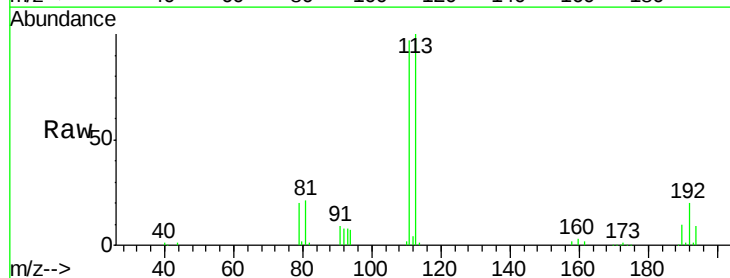
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 47.345 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW015803.D
 Acq: 08 Jul 2020 11:58

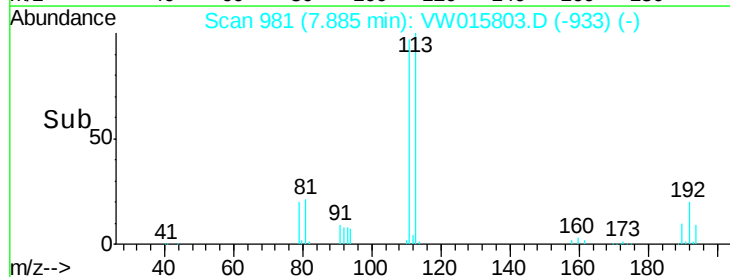
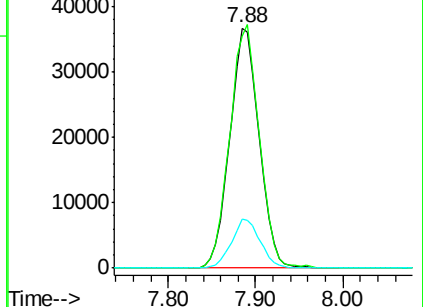
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	20.0	15.4	23.2

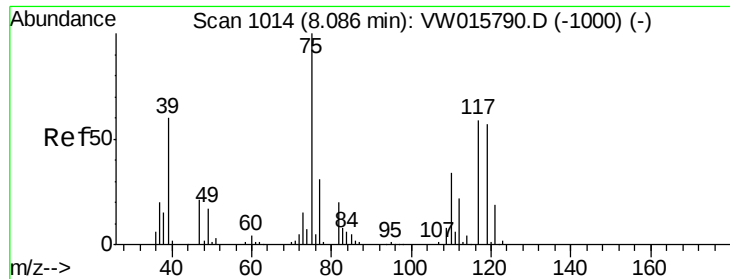


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

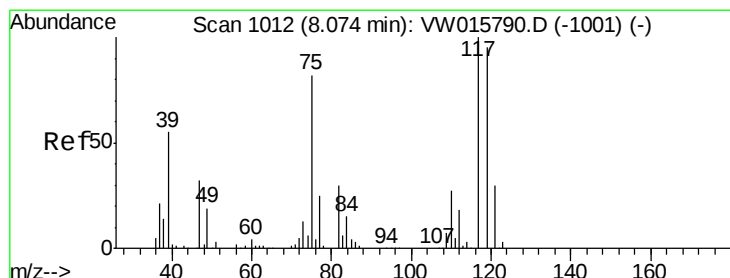
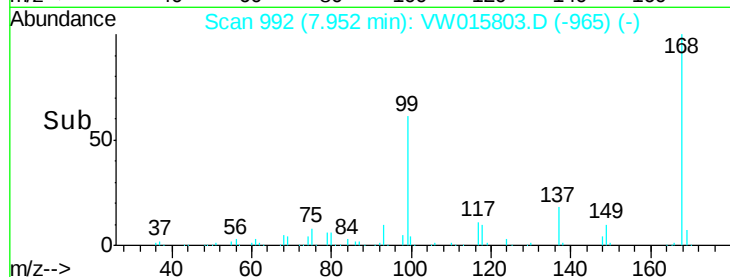
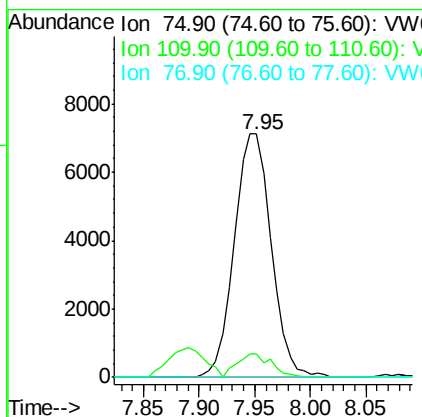
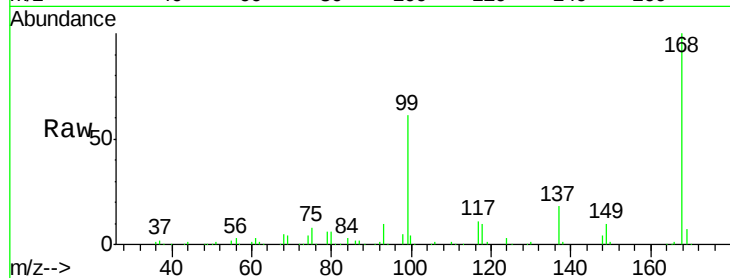




#36
 1,1-Dichloropropene
 Concen: 5.369 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015803.D
 Acq: 08 Jul 2020 11:58

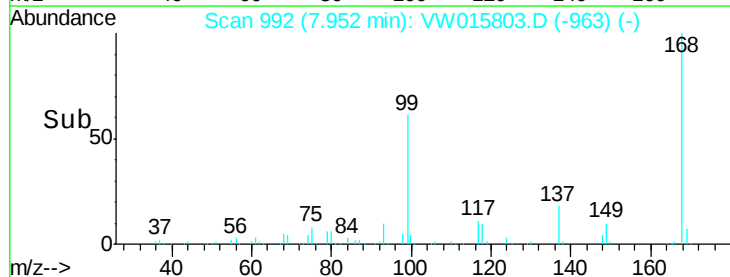
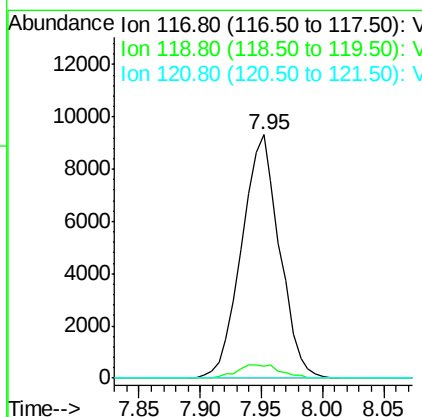
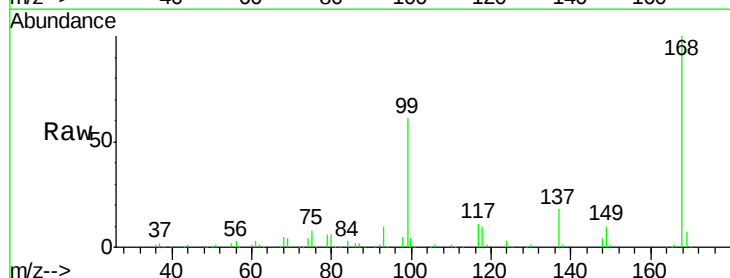
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBL01

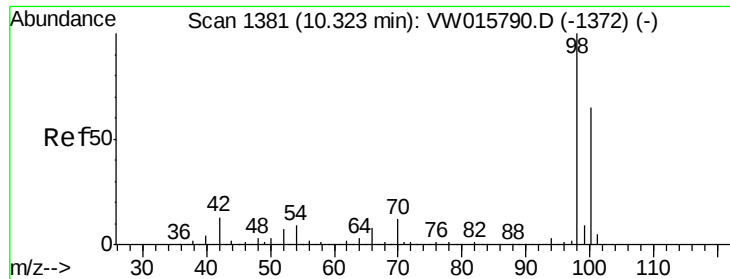
Tot Ion	75	Resp	16440
Ion Ratio	Lower	Upper	
75	100		
110	9.1	16.8	50.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.769 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015803.D
 Acq: 08 Jul 2020 11:58

Tgt Ion	117	Resp	20055
Ion Ratio	Lower	Upper	
117	100		
119	5.1	76.3	114.5#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 47.533 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015803.D

Acq: 08 Jul 2020 11:58

Instrument :

MSVOA_W

ClientSampleId :

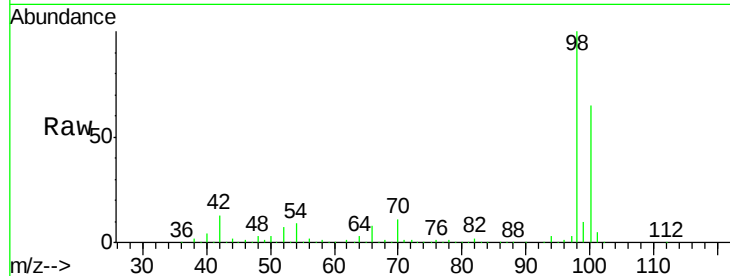
VW0708SBL01

Tot Ion: 98 Resp: 330856

Ion Ratio Lower Upper

98 100

100 64.2 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

200000

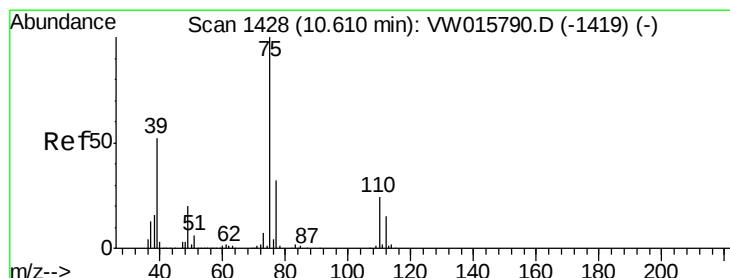
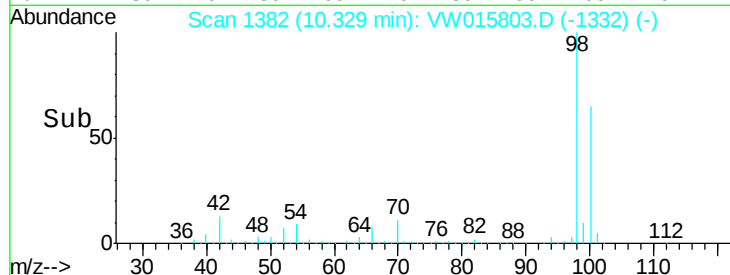
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#53

t-1,3-Dichloropropene

Concen: 1.489 ug/l

RT: 10.71 min Scan# 1444

Delta R.T. 0.10 min

Lab File: VW015803.D

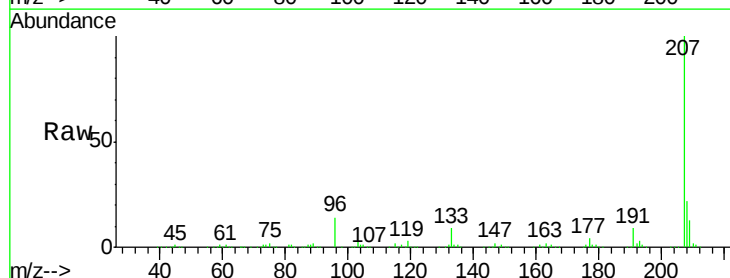
Acq: 08 Jul 2020 11:58

Tgt Ion: 75 Resp: 3921

Ion Ratio Lower Upper

75 100

77 8.2 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.71

2500

2000

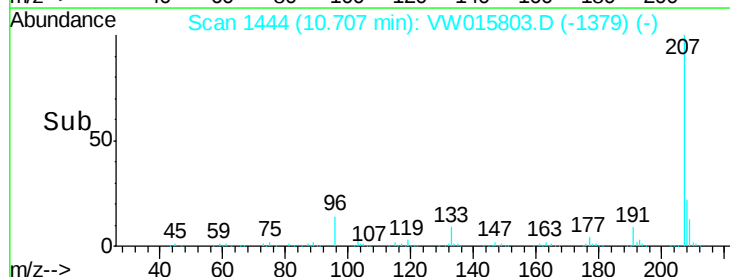
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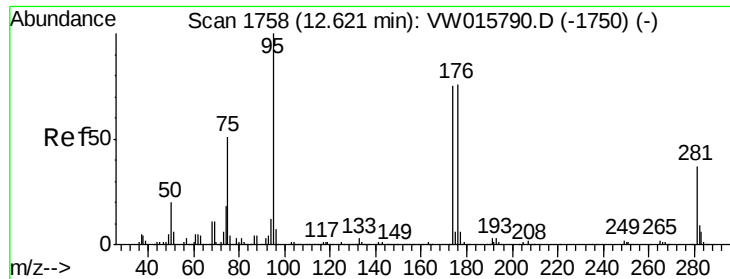
1000

500

0

Time--> 10.65 10.70 10.75





#62

4-Bromofluorobenzene

Concen: 45.410 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015803.D

Acq: 08 Jul 2020 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBL01

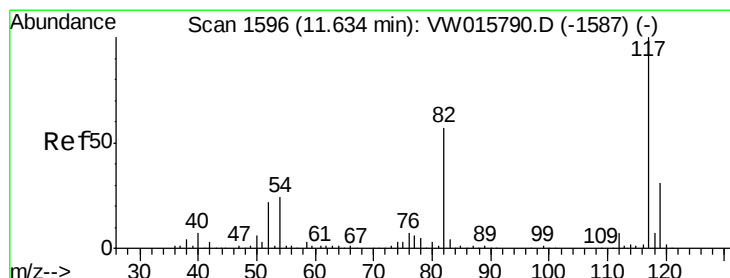
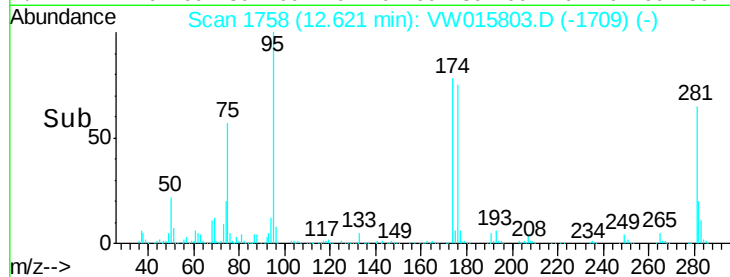
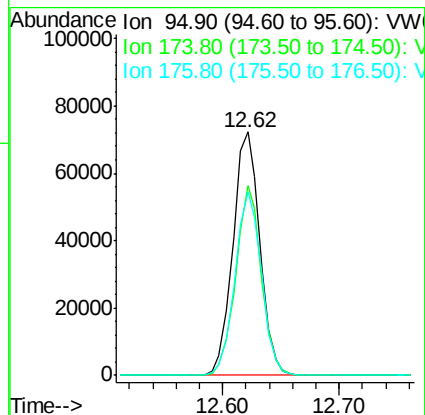
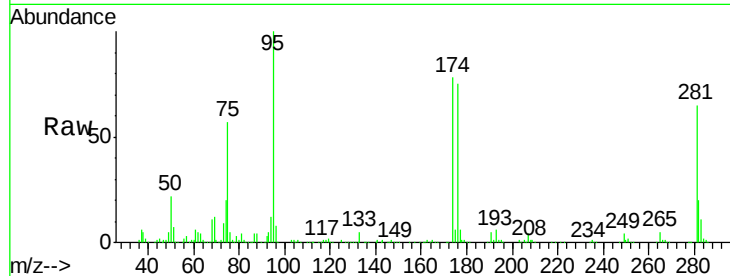
Tot Ion: 95 Resp: 115985

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

176 74.4 0.0 148.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015803.D

Acq: 08 Jul 2020 11:58

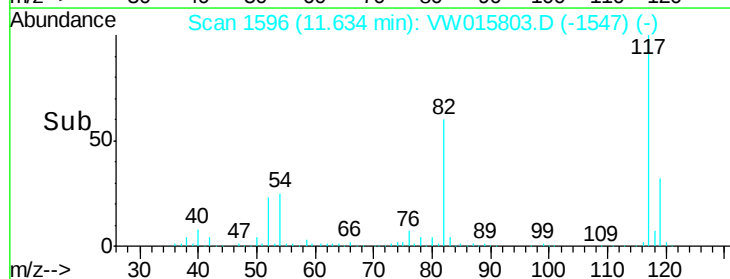
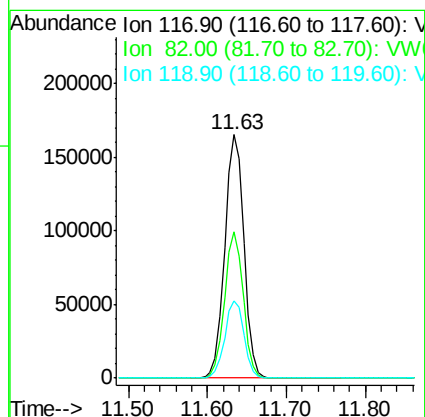
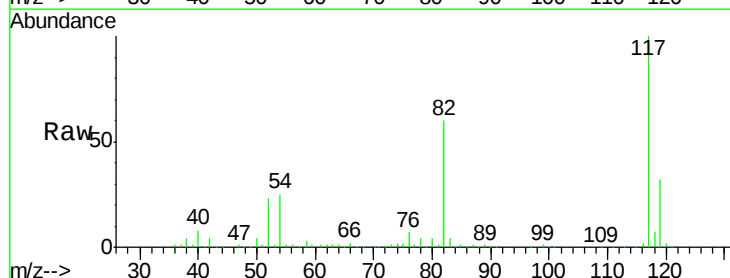
Tgt Ion: 117 Resp: 278413

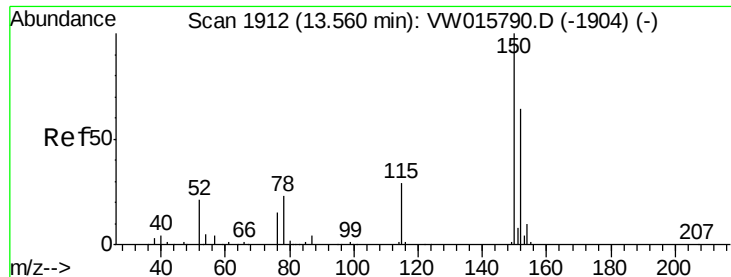
Ion Ratio Lower Upper

117 100

82 60.3 45.5 68.3

119 32.0 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015803.D

Acq: 08 Jul 2020 11:58

Instrument :

MSVOA_W

ClientSampleId :

VW0708SBL01

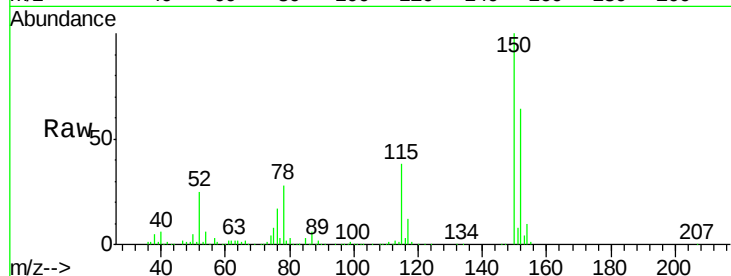
Tot Ion:152 Resp: 122971

Ion Ratio Lower Upper

152 100

115 60.9 29.9 89.7

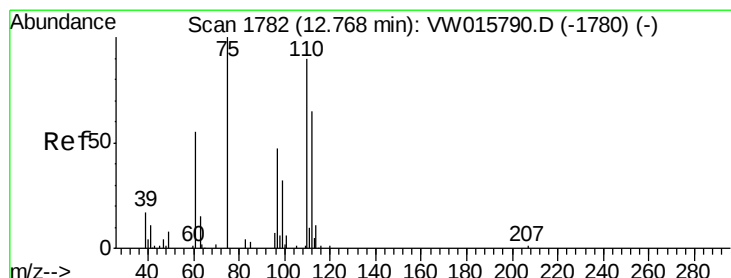
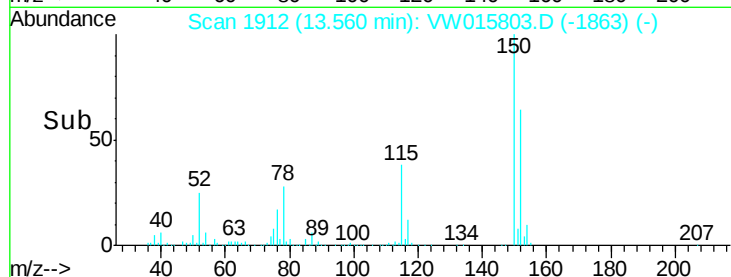
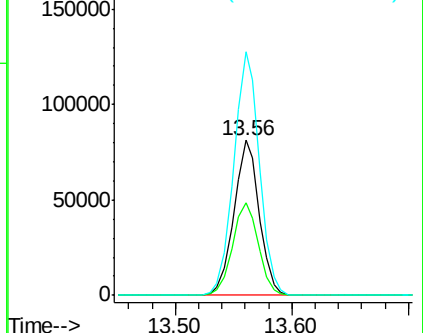
150 158.8 0.0 350.8



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: 60.822 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015803.D

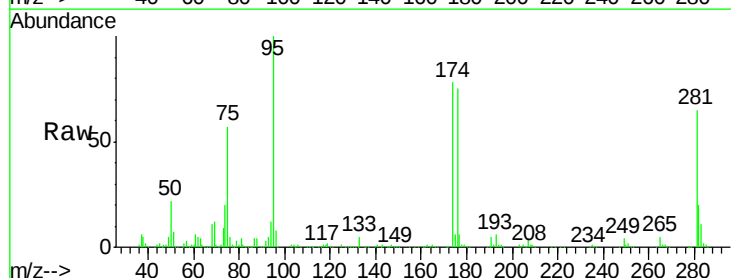
Acq: 08 Jul 2020 11:58

Tgt Ion: 75 Resp: 65733

Ion Ratio Lower Upper

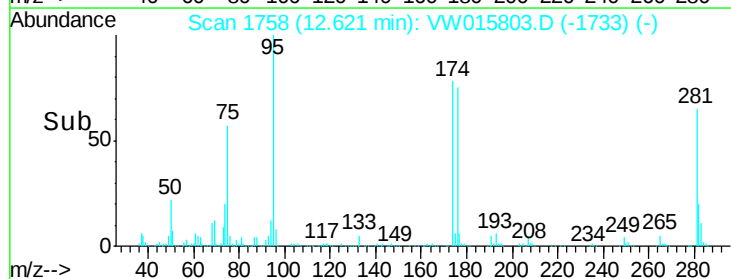
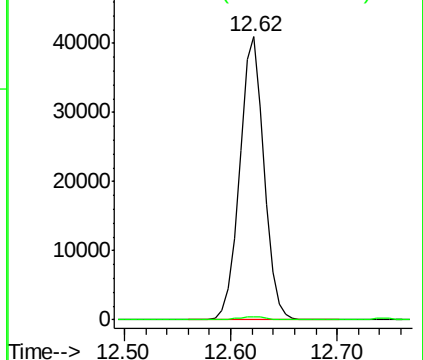
75 100

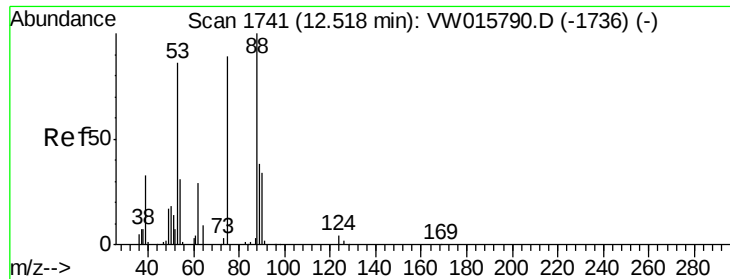
77 1.4 177.3 532.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

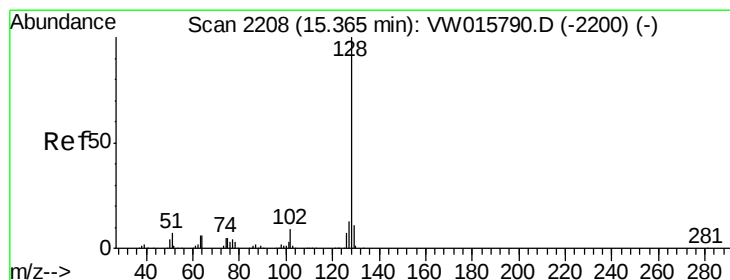
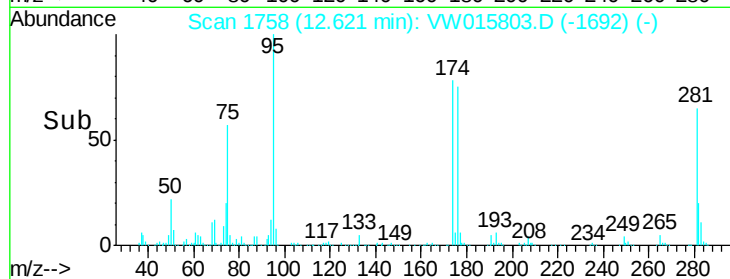
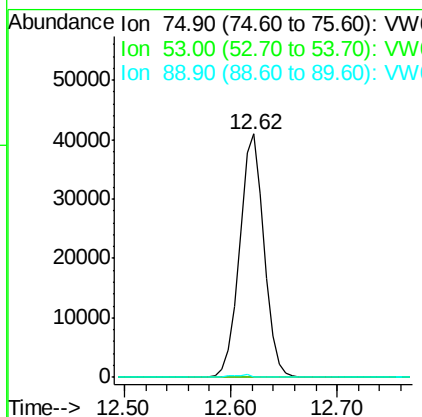
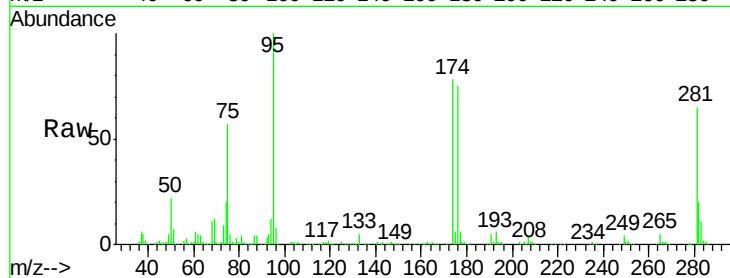




#81
trans-1,4-Dichloro-2-butene
Concen: 131.380 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW015803.D
Acq: 08 Jul 2020 11:58

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBL01

Tot Ion: 75 Resp: 65733
Ion Ratio Lower Upper
75 100
53 0.1 85.9 128.9#
89 0.9 36.2 54.4#



#95
Naphthalene
Concen: 3.078 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW015803.D
Acq: 08 Jul 2020 11:58

Tgt Ion: 128 Resp: 1126
Ion Ratio Lower Upper
128 100
127 8.5 10.6 16.0#
129 11.5 8.7 13.1

