

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
 Data File : VW016200.D
 Acq On : 14 Aug 2020 18:45
 Operator : SY/VA
 Sample : L3677-01
 Misc : 6.31G/5ML/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Quant Time: Aug 17 08:13:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

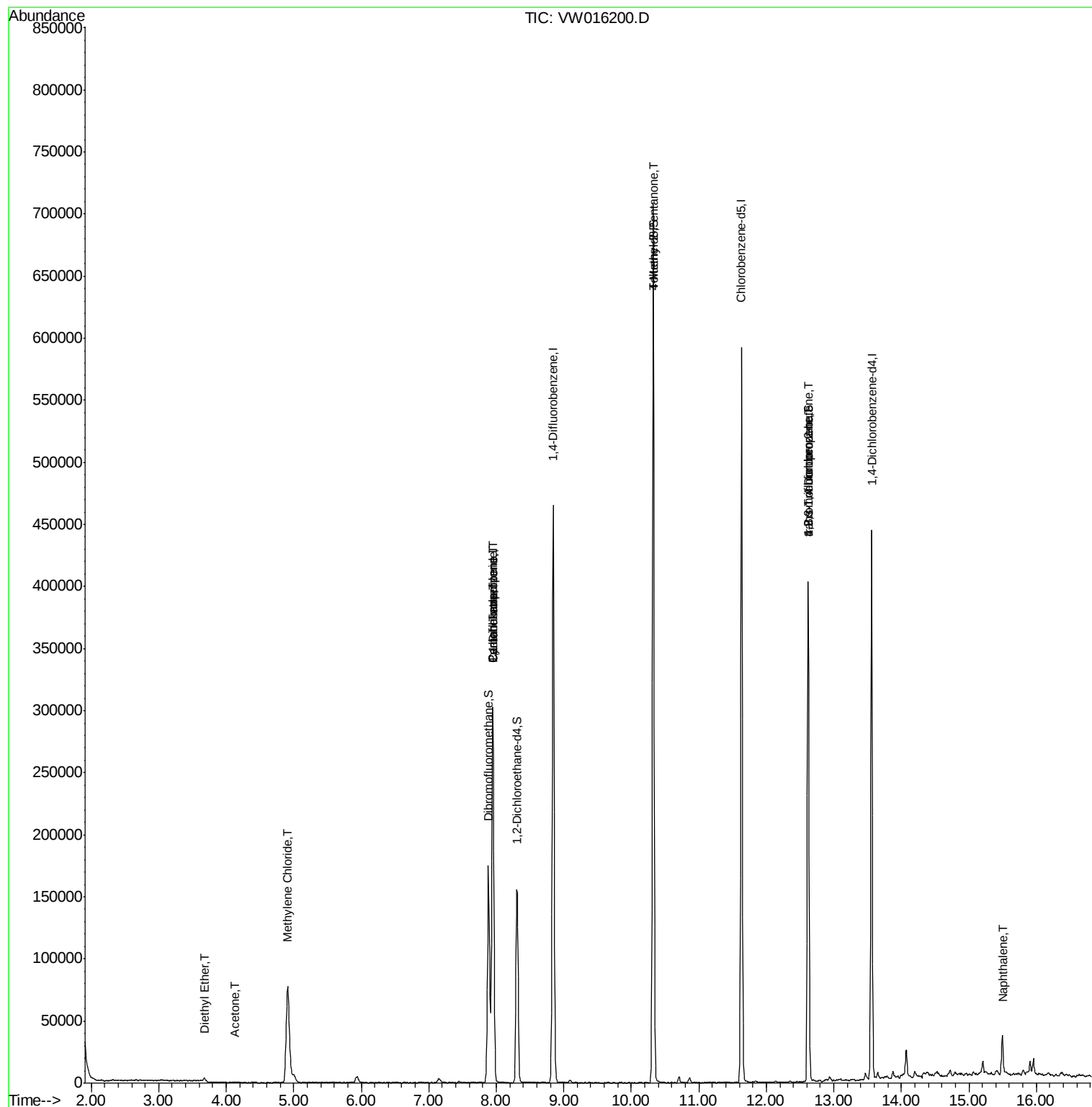
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124751	55.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.12%	
35) Dibromofluoromethane	7.88	113	128583	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.32	98	495688	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	145610	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
Target Compounds						
8) Diethyl Ether	3.68	74	1703	1.437	ug/l	91
16) Acetone	4.12	43	1281	2.978	ug/l #	80
20) Methylene Chloride	4.91	84	68726	23.059	ug/l	95
31) Cyclohexane	7.95	56	4576	1.117	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17719	4.409	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23574	5.877	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1908	1.455	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	67160	61.935	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	67160	148.559	ug/l #	12
95) Naphthalene	15.51	128	656	3.718	ug/l	100

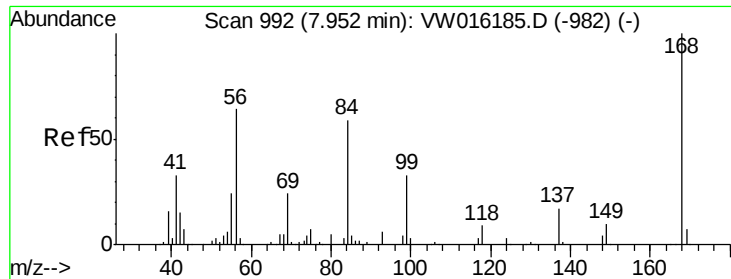
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

Instrument :

MSVOA_W

ClientSampleId :

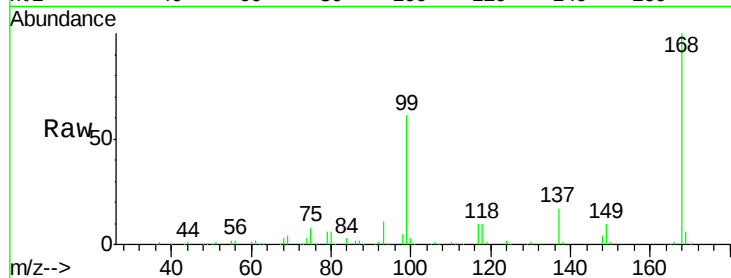
TP-6

Tgt Ion: 168 Resp: 230240

Ion Ratio Lower Upper

168 100

99 60.6 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

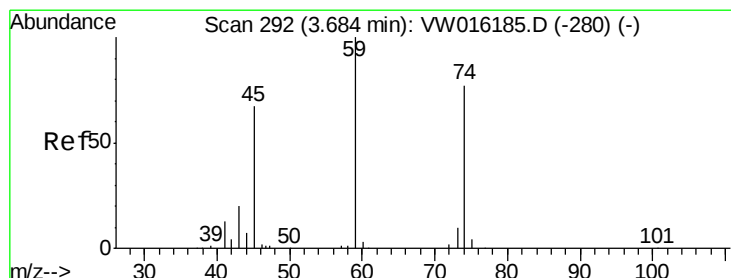
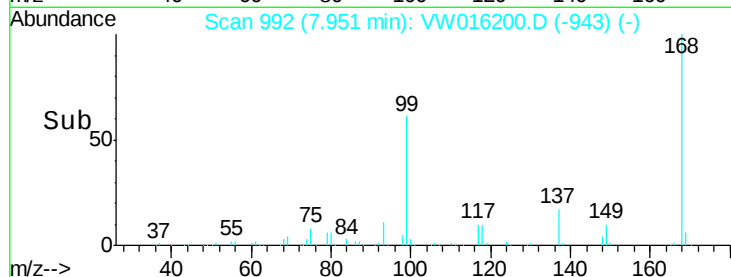
40000

20000

0

7.90 7.95 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.437 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW016200.D

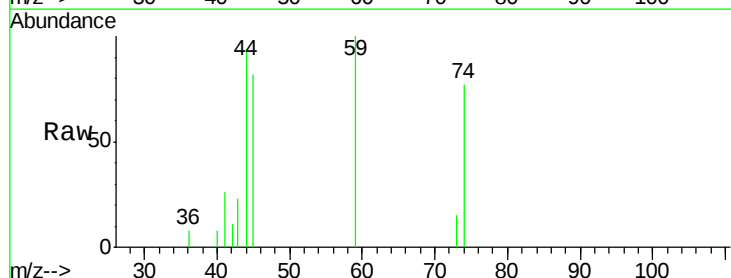
Acq: 14 Aug 2020 18:45

Tgt Ion: 74 Resp: 1703

Ion Ratio Lower Upper

74 100

45 100.6 45.9 137.7



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

800

600

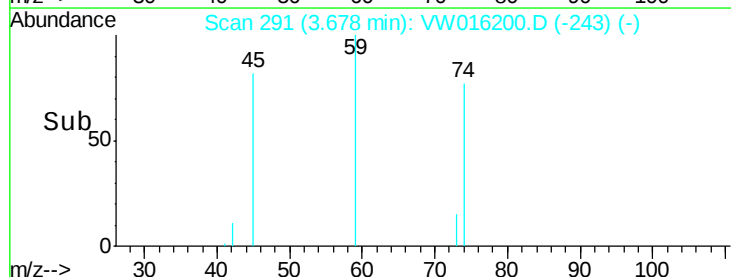
400

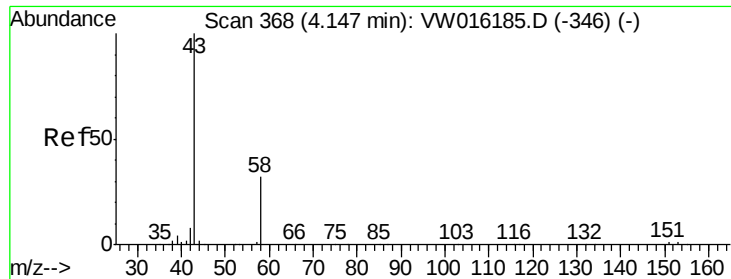
200

0

3.60 3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 2.978 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

Instrument :

MSVOA_W

ClientSampled :

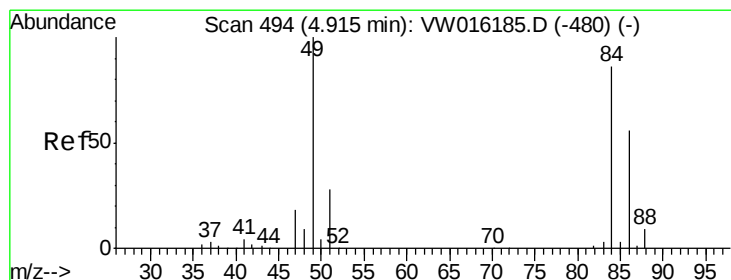
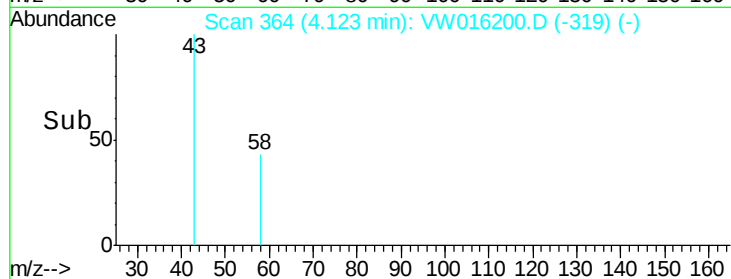
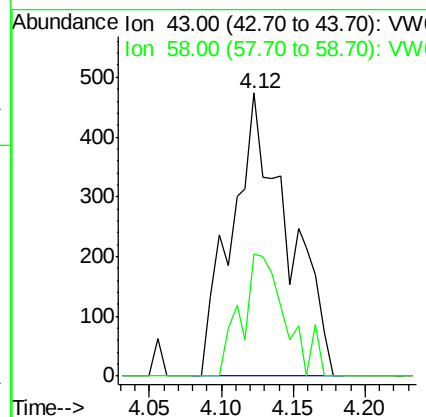
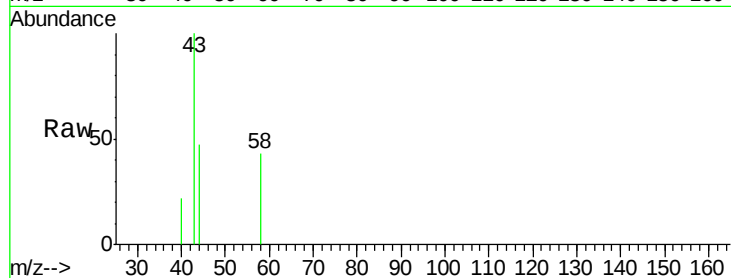
TP-6

Tgt Ion: 43 Resp: 1281

Ion Ratio Lower Upper

43 100

58 43.1 25.8 38.6#



#20

Methylene Chloride

Concen: 23.059 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

Tgt Ion: 84 Resp: 68726

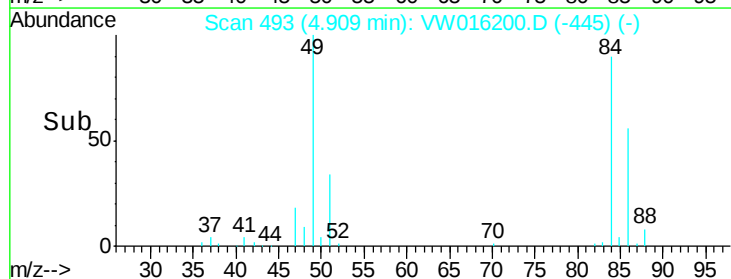
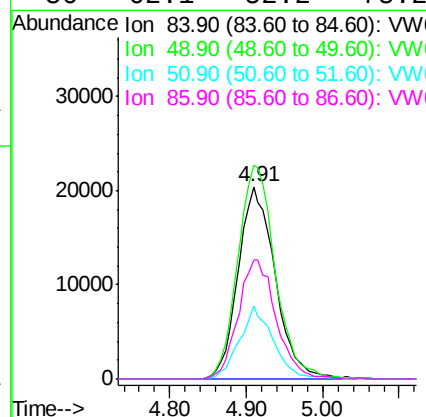
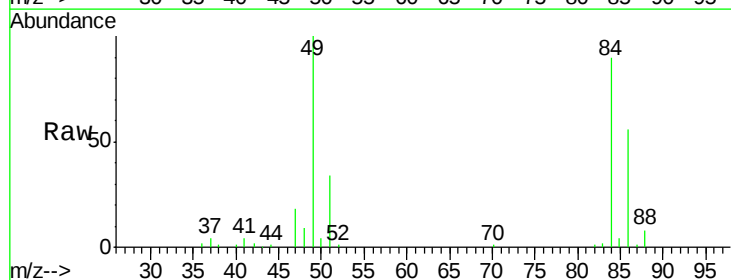
Ion Ratio Lower Upper

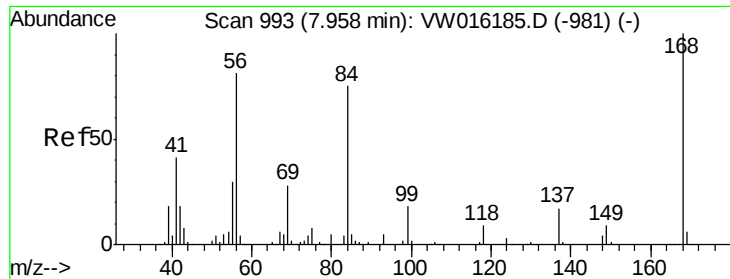
84 100

49 111.2 93.4 140.2

51 38.0 26.6 40.0

86 62.1 52.2 78.2

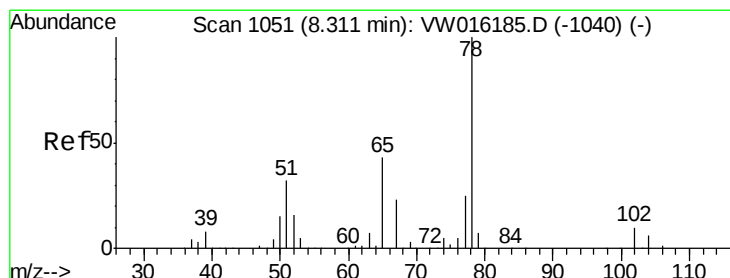
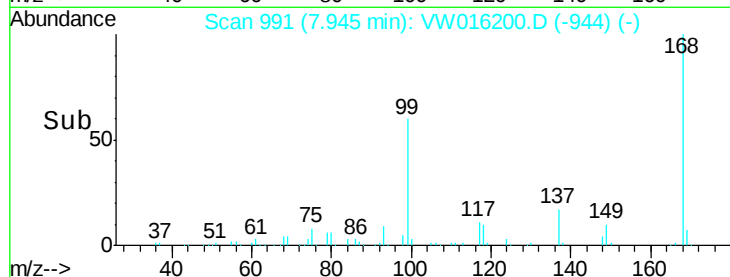
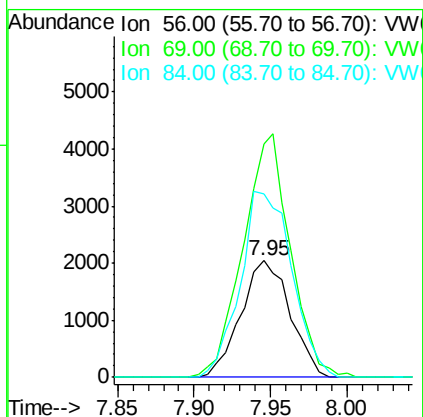
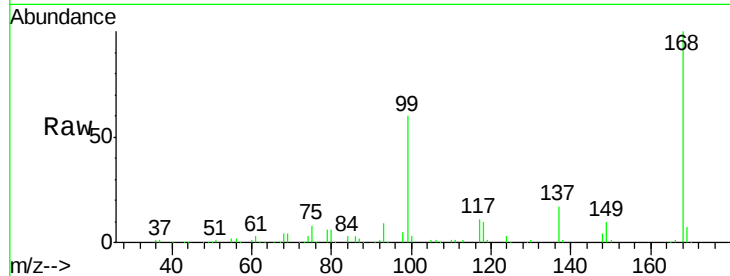




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW016200.D
Acq: 14 Aug 2020 18:45

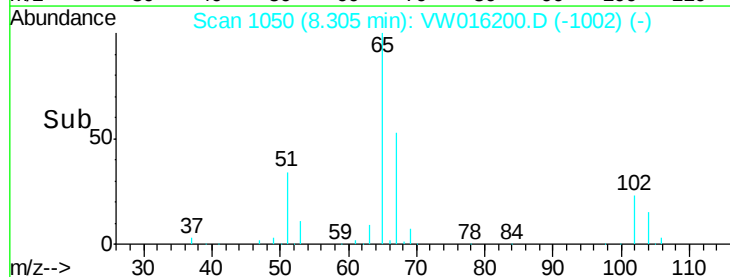
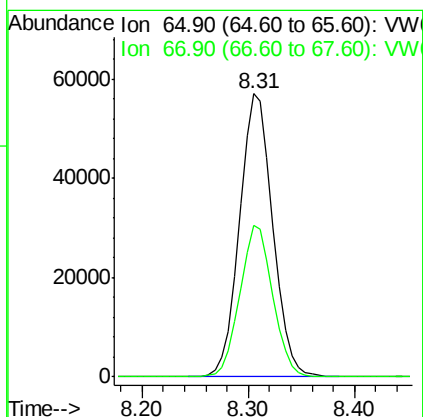
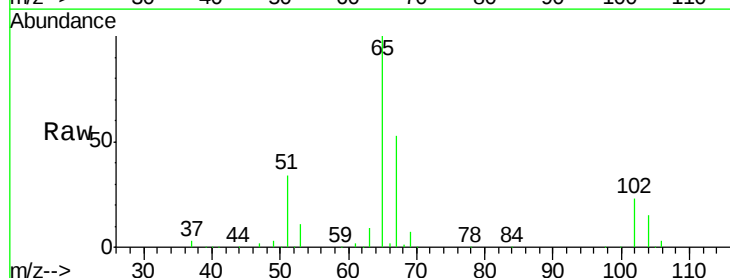
Instrument :
MSVOA_W
ClientSampled :
TP-6

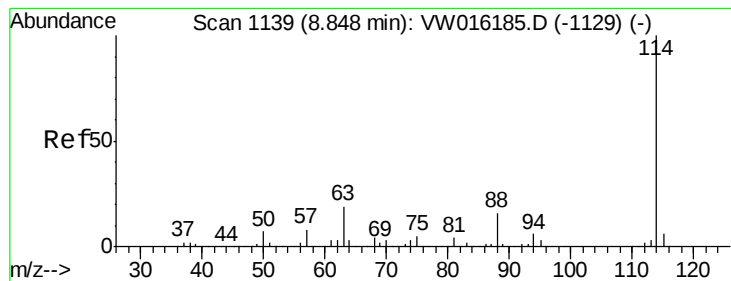
Tgt Ion: 56 Resp: 4576
Ion Ratio Lower Upper
56 100
69 200.9 27.3 40.9#
84 157.8 73.5 110.3#



#33
1,2-Dichloroethane-d4
Concen: 55.561 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW016200.D
Acq: 14 Aug 2020 18:45

Tgt Ion: 65 Resp: 124751
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

Instrument :

MSVOA_W

ClientSampled :

TP-6

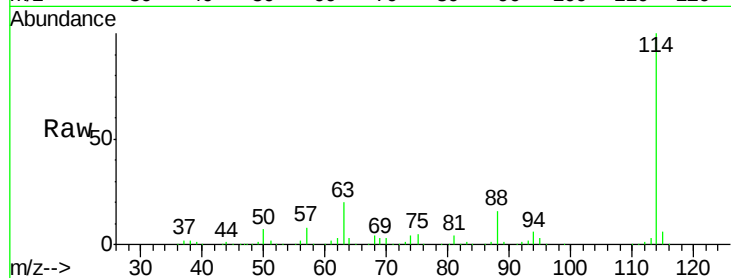
Tgt Ion:114 Resp: 407989

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

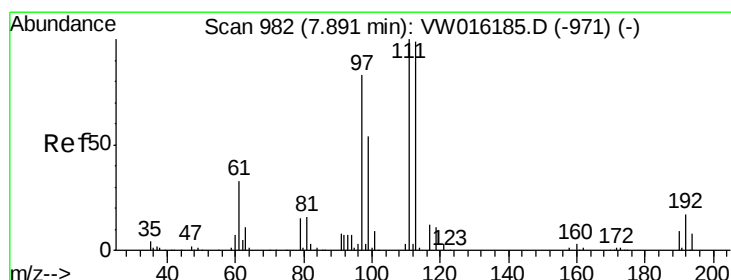
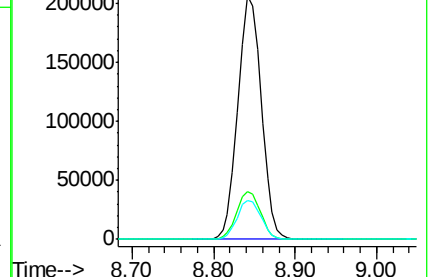
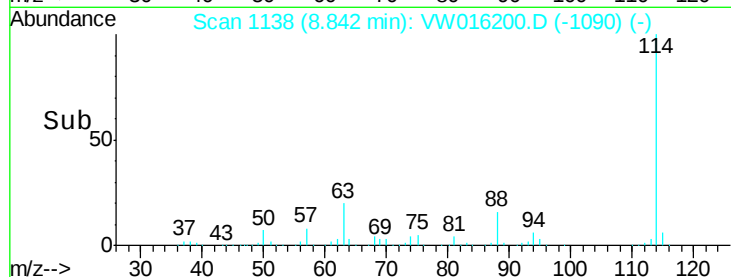
88 15.8 0.0 32.8



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: 51.079 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

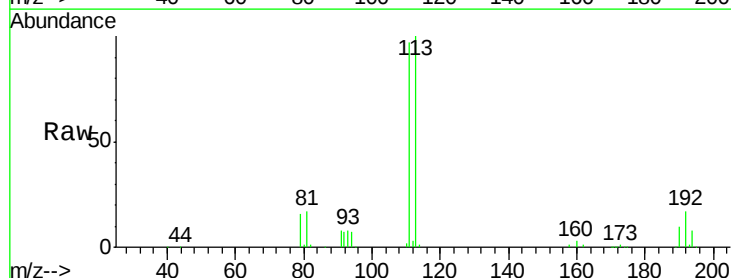
Tgt Ion:113 Resp: 128583

Ion Ratio Lower Upper

113 100

111 102.9 83.5 125.3

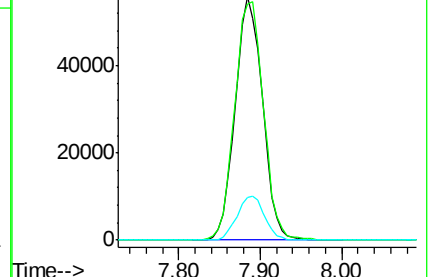
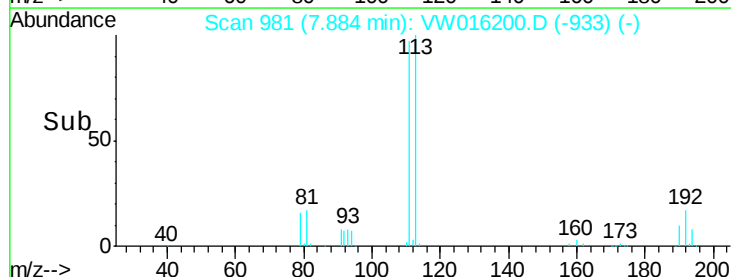
192 18.1 14.3 21.5

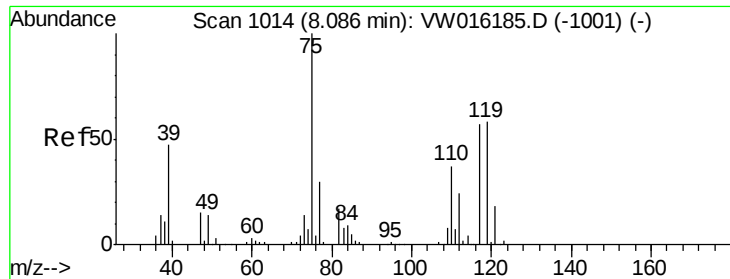


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

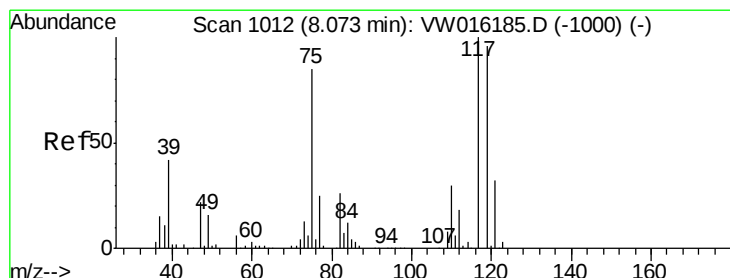
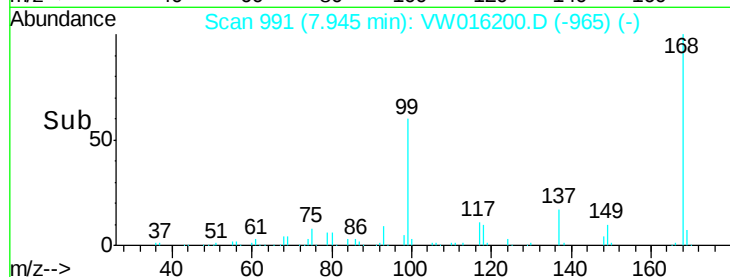
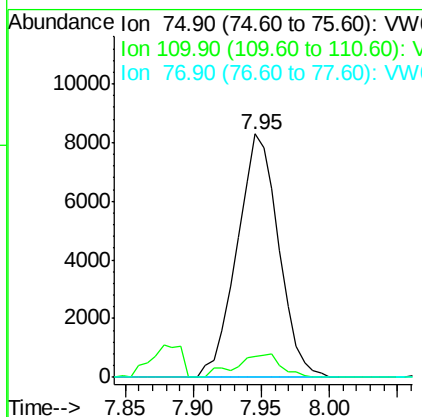
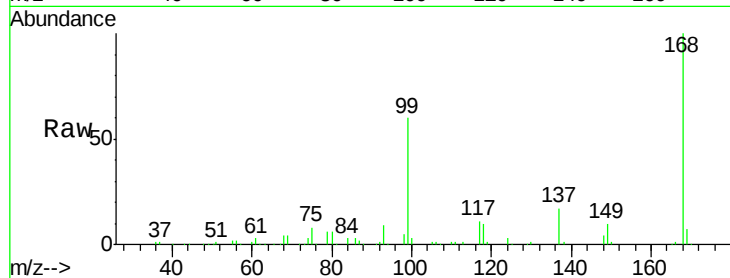




#36
 1,1-Dichloropropene
 Concen: 4.409 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW016200.D
 Acq: 14 Aug 2020 18:45

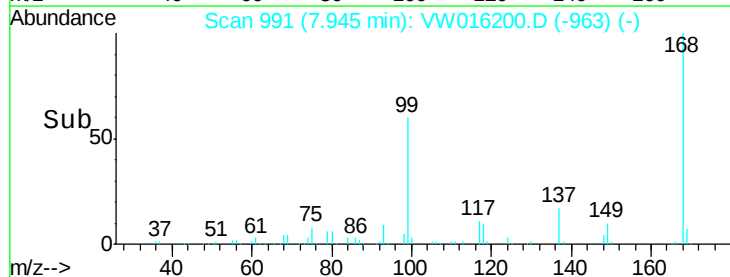
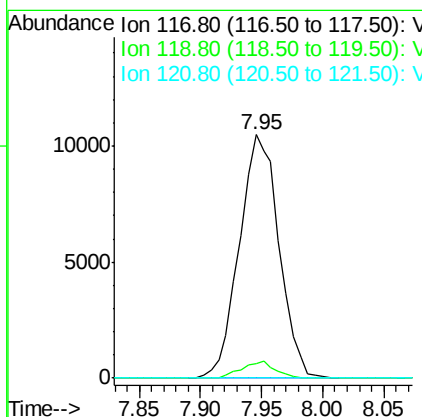
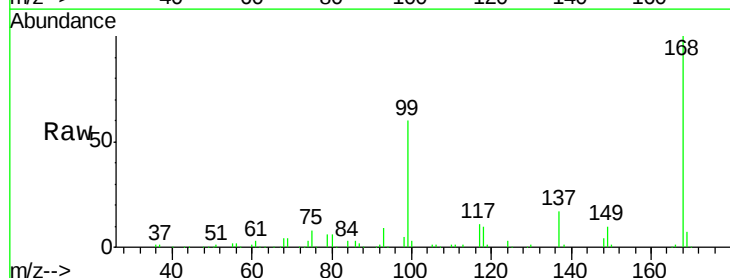
Instrument :
 MSVOA_W
 ClientSampled :
 TP-6

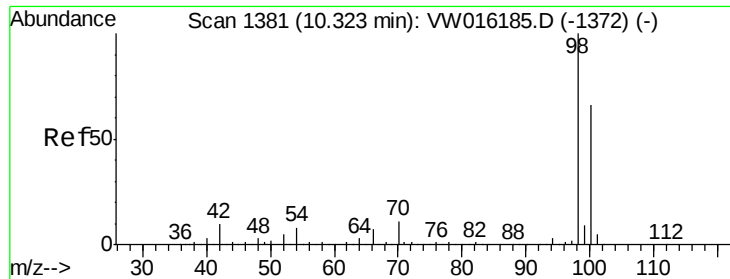
Tgt Ion: 75 Resp: 17719
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.1 54.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.877 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW016200.D
 Acq: 14 Aug 2020 18:45

Tgt Ion: 117 Resp: 23574
 Ion Ratio Lower Upper
 117 100
 119 6.1 76.6 115.0#
 121 0.0 25.4 38.0#

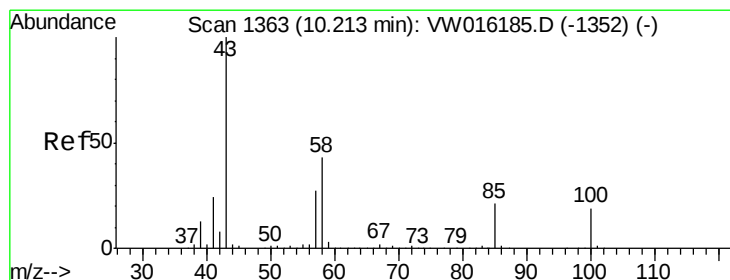
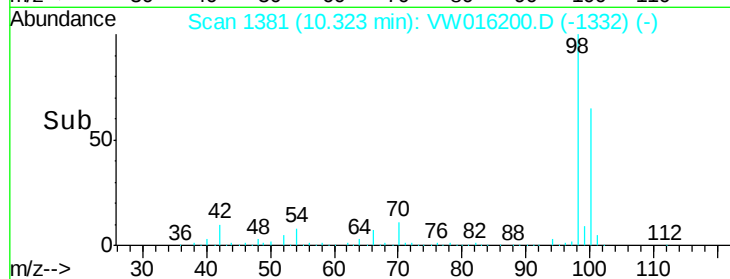
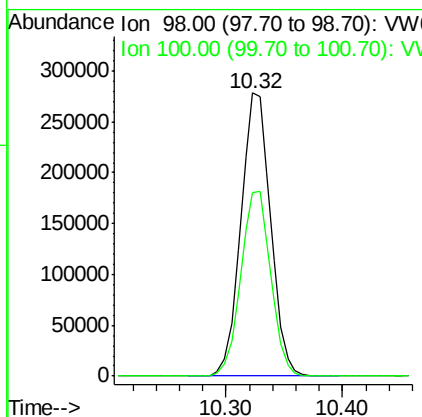
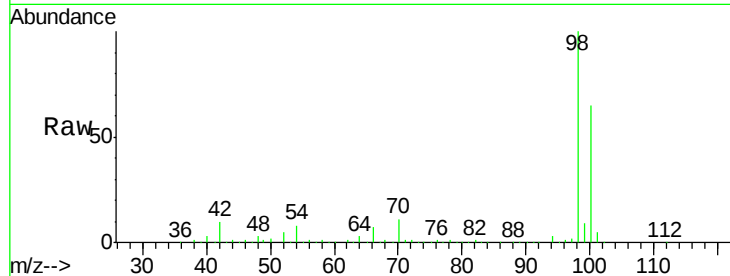




#50
Toluene-d8
Concen: 50.870 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW016200.D
Acq: 14 Aug 2020 18:45

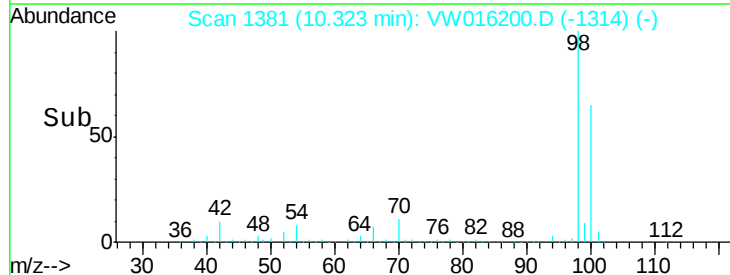
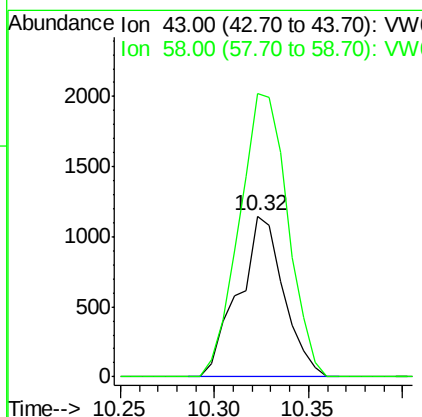
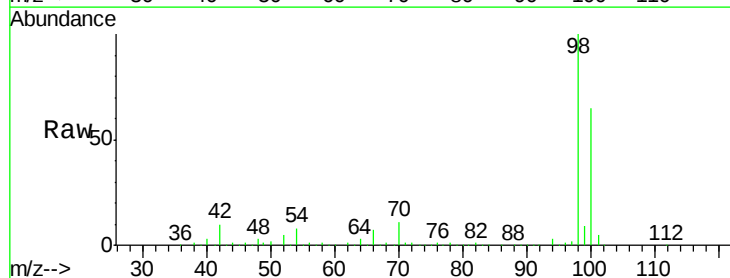
Instrument :
MSVOA_W
ClientSampled :
TP-6

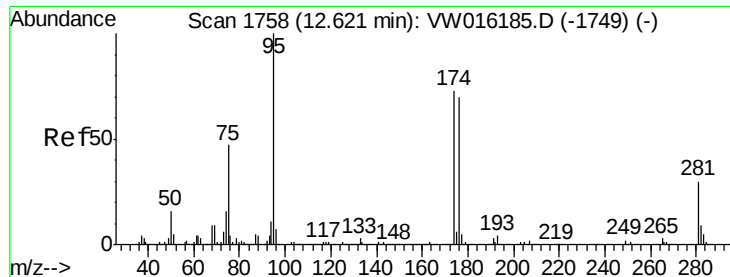
Tgt Ion: 98 Resp: 495688
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 1.455 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW016200.D
Acq: 14 Aug 2020 18:45

Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
58 188.7 33.7 50.5#





#62

4-Bromofluorobenzene

Concen: 41.805 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

Instrument :

MSVOA_W

ClientSampleId :

TP-6

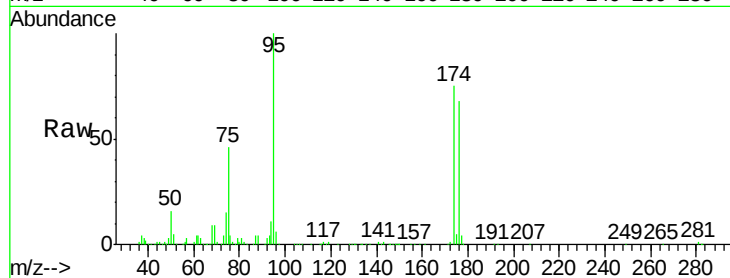
Tgt Ion: 95 Resp: 145610

Ion Ratio Lower Upper

95 100

174 73.5 0.0 145.6

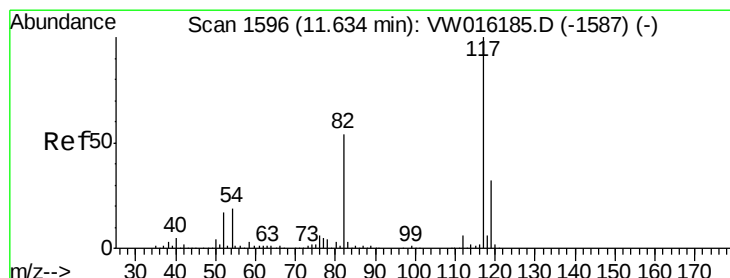
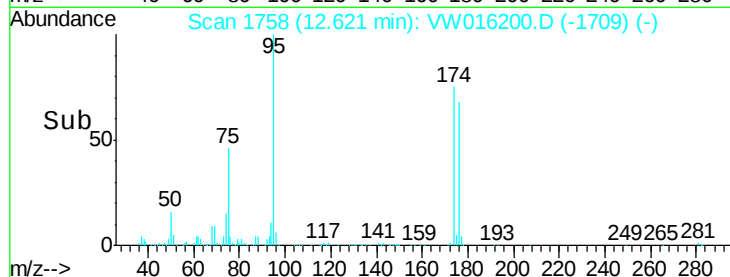
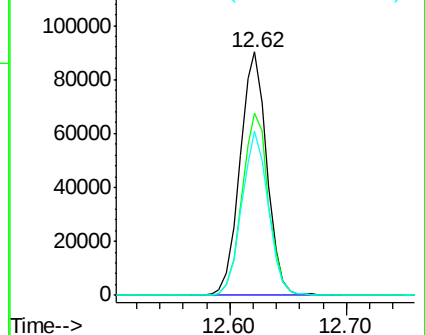
176 66.5 0.0 137.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

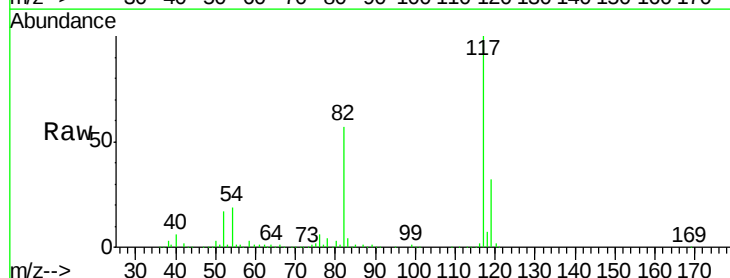
Tgt Ion: 117 Resp: 339431

Ion Ratio Lower Upper

117 100

82 57.3 43.6 65.4

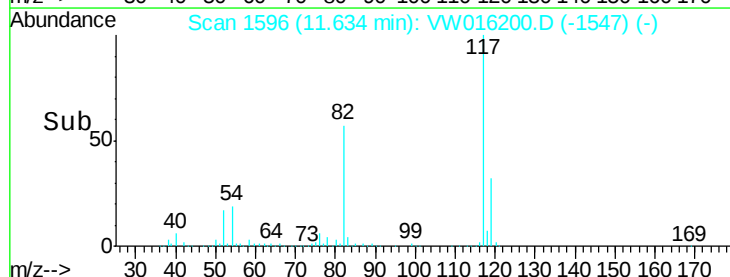
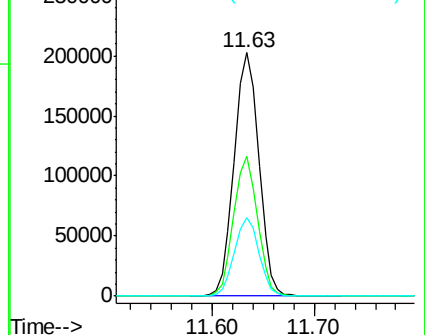
119 32.4 25.4 38.0

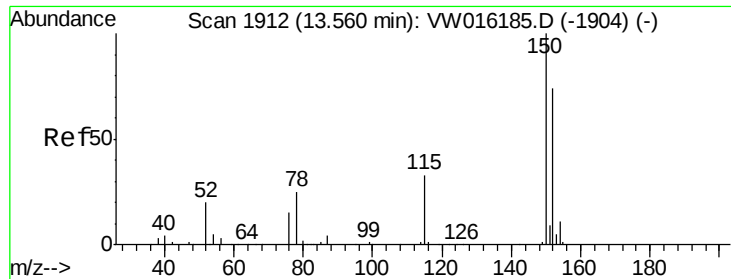


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

Instrument :

MSVOA_W

ClientSampleId :

TP-6

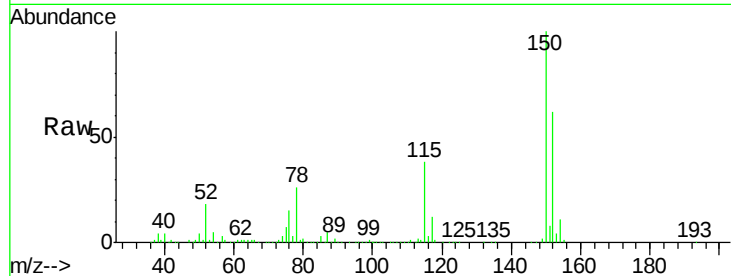
Tgt Ion:152 Resp: 117908

Ion Ratio Lower Upper

152 100

115 62.7 30.9 92.5

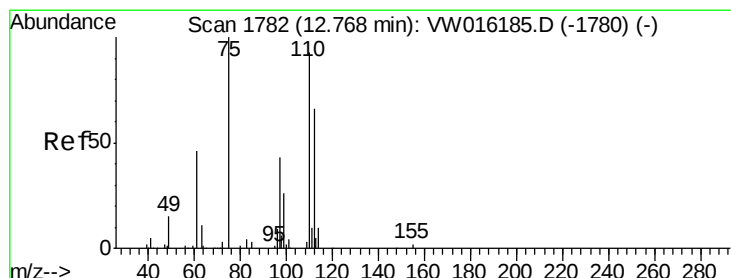
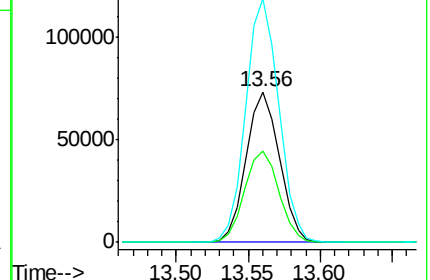
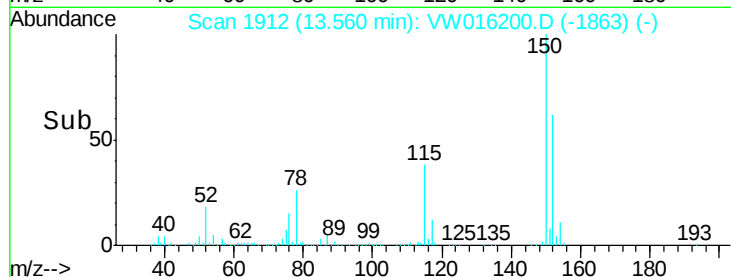
150 160.2 0.0 337.8



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: 61.935 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW016200.D

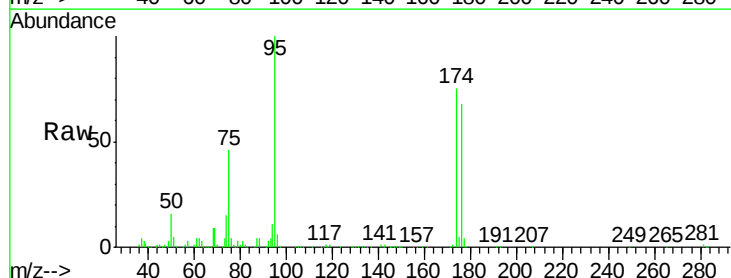
Acq: 14 Aug 2020 18:45

Tgt Ion: 75 Resp: 67160

Ion Ratio Lower Upper

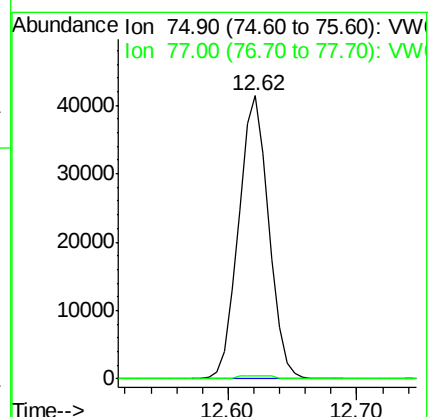
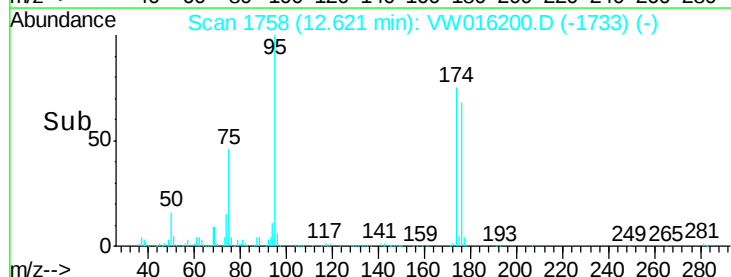
75 100

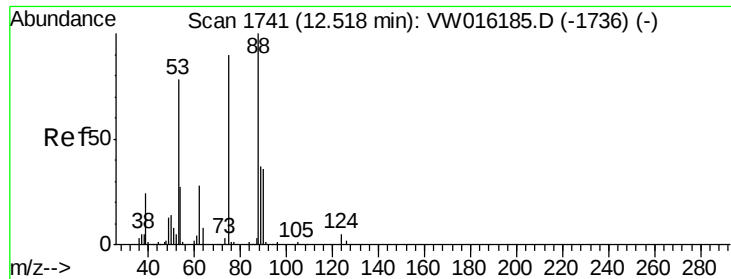
77 1.3 173.6 520.6#



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: 148.559 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

Instrument :

MSVOA_W

ClientSampled :

TP-6

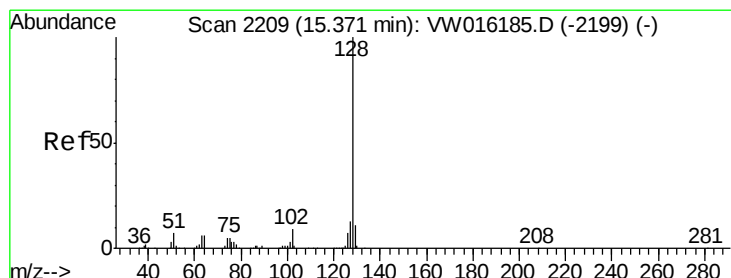
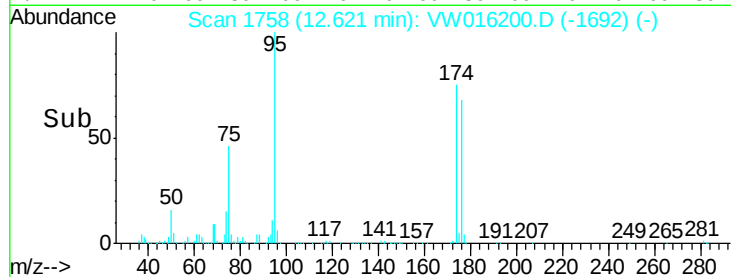
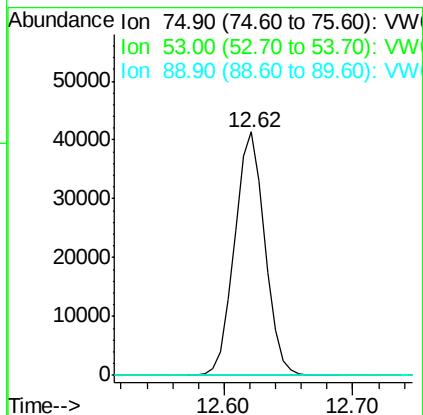
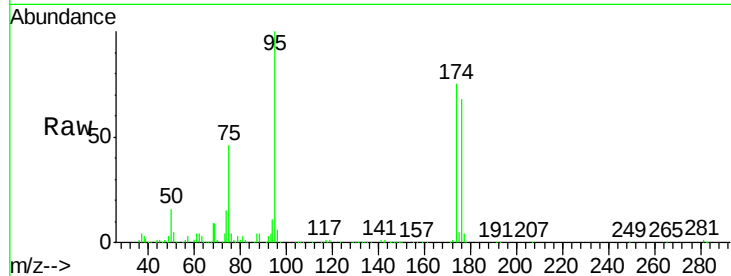
Tgt Ion: 75 Resp: 67160

Ion Ratio Lower Upper

75 100

53 0.0 74.6 111.8#

89 0.0 37.2 55.8#



#95

Naphthalene

Concen: 3.718 ug/l

RT: 15.51 min Scan# 2232

Delta R.T. 0.14 min

Lab File: VW016200.D

Acq: 14 Aug 2020 18:45

Tgt Ion: 128 Resp: 656

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.7 13.1

