

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071620\
 Data File : VW015865.D
 Acq On : 16 Jul 2020 16:28
 Operator : SY/VA
 Sample : L3303-04
 Misc : 7.56G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-014-B

Quant Time: Jul 16 18:01:01 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

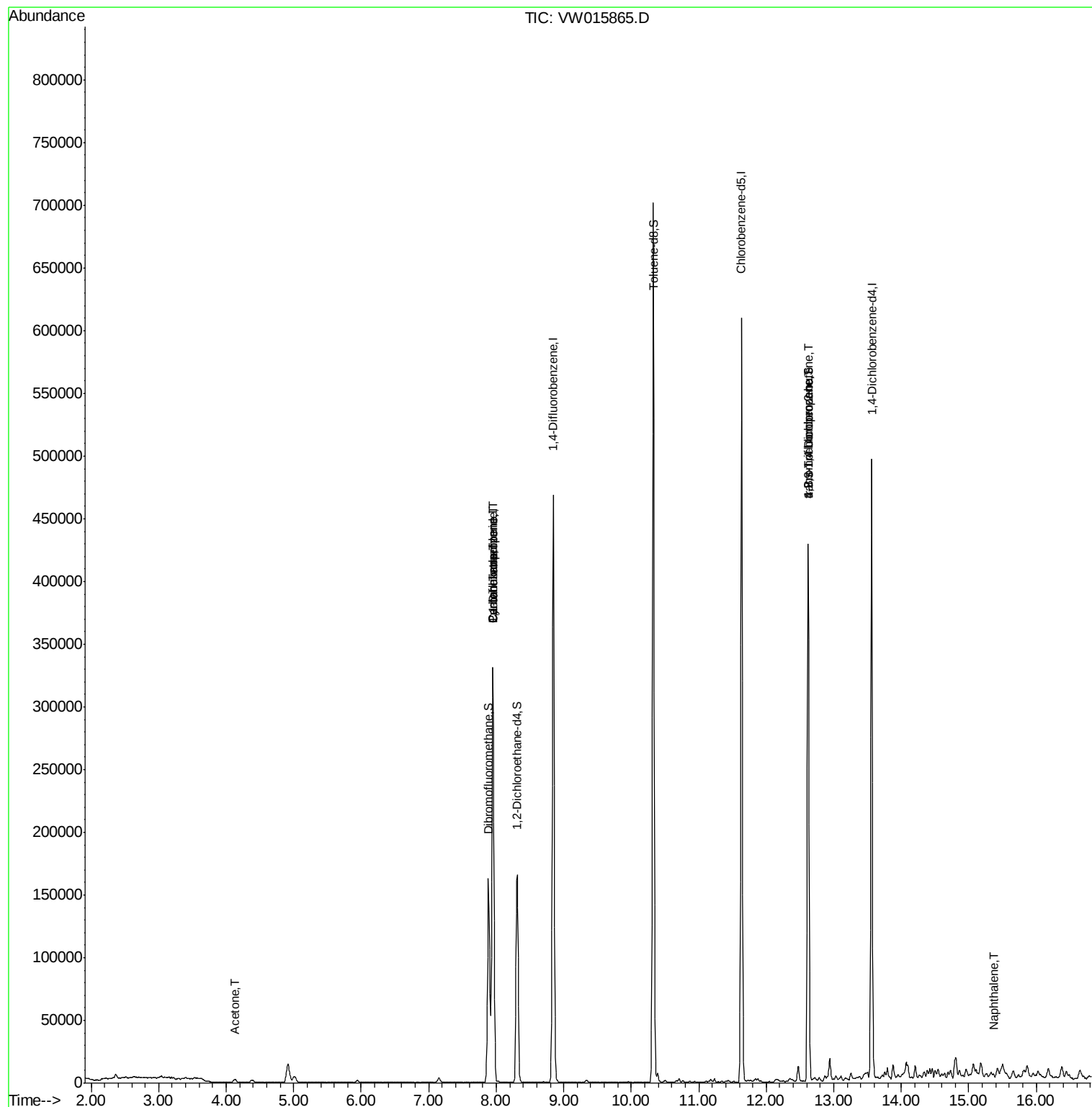
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135322	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
35) Dibromofluoromethane	7.89	113	115930	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	10.32	98	462278	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
62) 4-Bromofluorobenzene	12.62	95	141067	44.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.16	59	51	Below Cal	#	71
16) Acetone	4.12	43	4710	10.648	ug/l	95
31) Cyclohexane	7.95	56	5889	1.439	ug/l #	30
36) 1,1-Dichloropropene	7.95	75	18797	4.906	ug/l #	51
38) Carbon Tetrachloride	7.96	117	24081	6.495	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	76207	68.780	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	76207	148.083	ug/l #	7
95) Naphthalene	15.36	128	1626	3.187	ug/l #	94

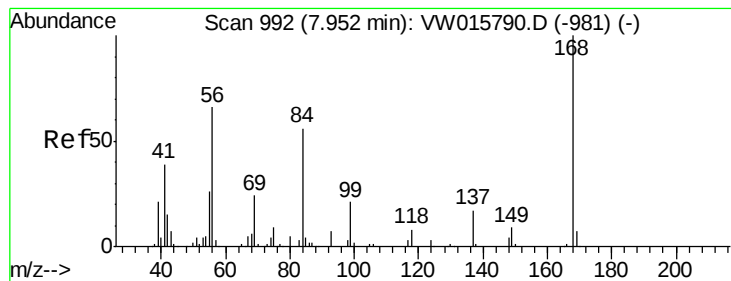
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW071620\
Data File : VW015865.D
Acq On : 16 Jul 2020 16:28
Operator : SY/VA
Sample : L3303-04
Misc : 7.56G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-03-014-B

Quant Time: Jul 16 18:01:01 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: VW015865.D

Acq: 16 Jul 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

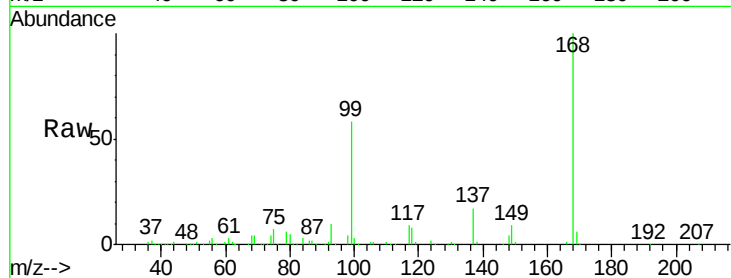
FK-GF-03-014-B

Tgt Ion:168 Resp: 229566

Ion Ratio Lower Upper

168 100

99 57.9 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

120000

100000

80000

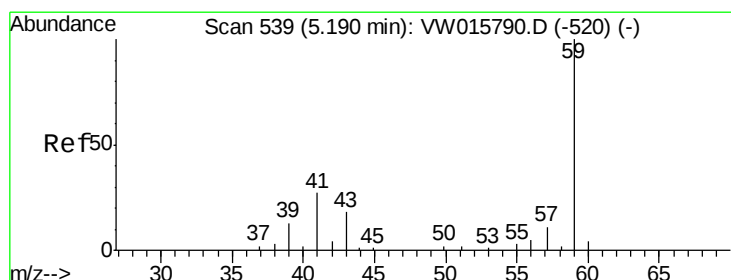
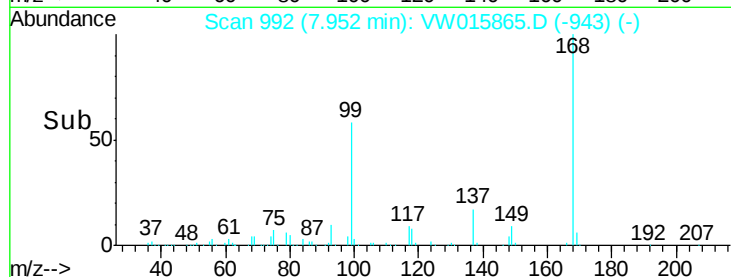
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. -0.03 min

Lab File: VW015865.D

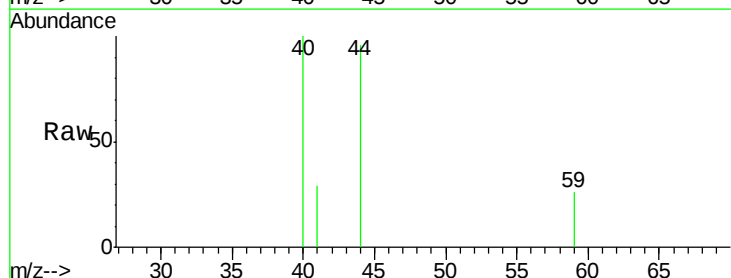
Acq: 16 Jul 2020 16:28

Tgt Ion: 59 Resp: 51

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

80

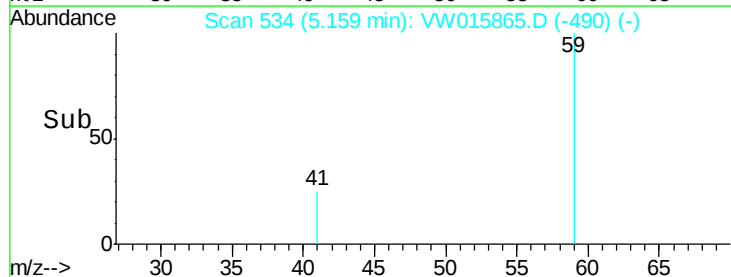
60

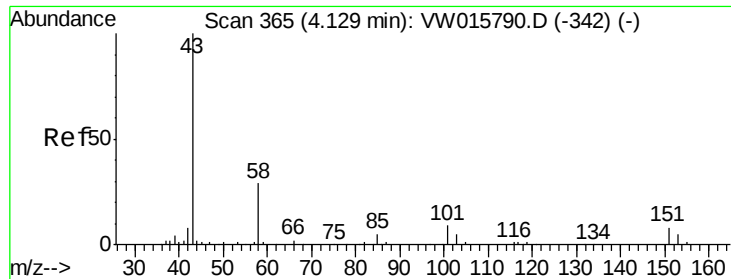
40

20

0

Time--> 5.14 5.16 5.18

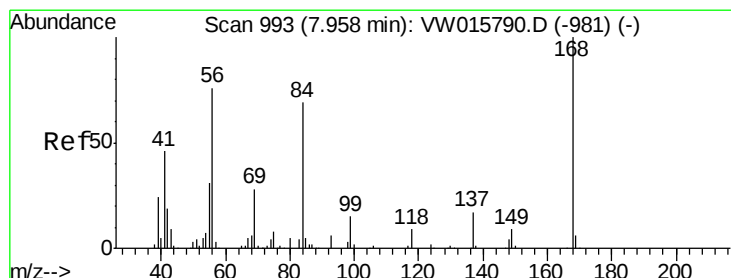
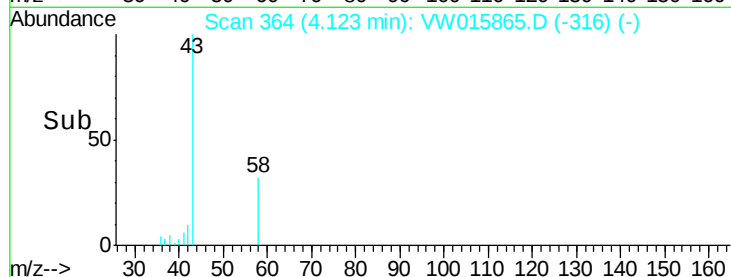
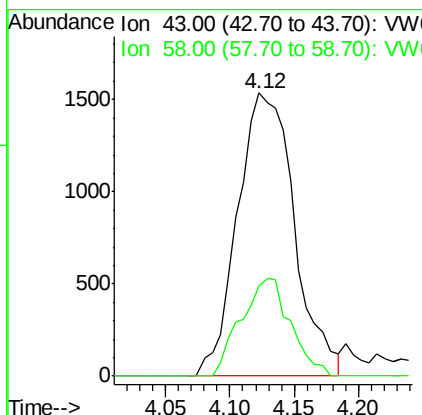
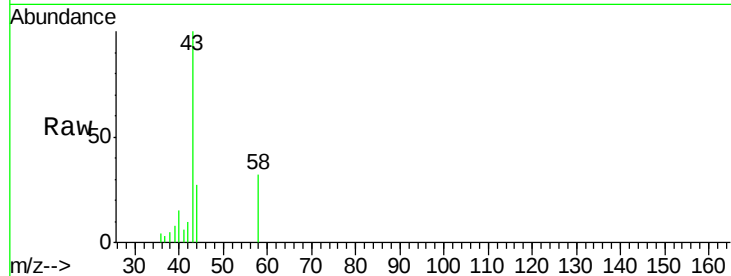




#16
Acetone
Concen: 10.648 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW015865.D
Acq: 16 Jul 2020 16:28

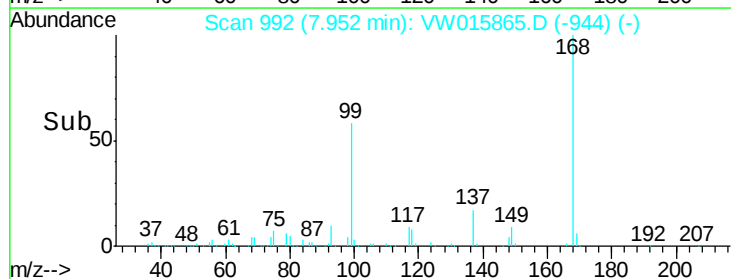
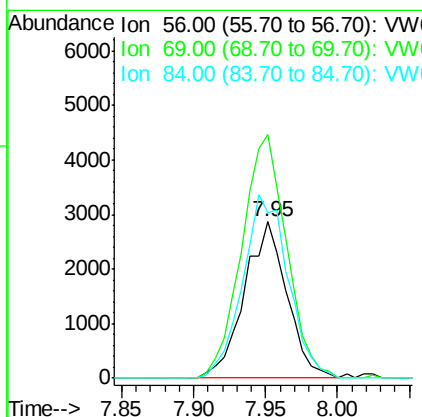
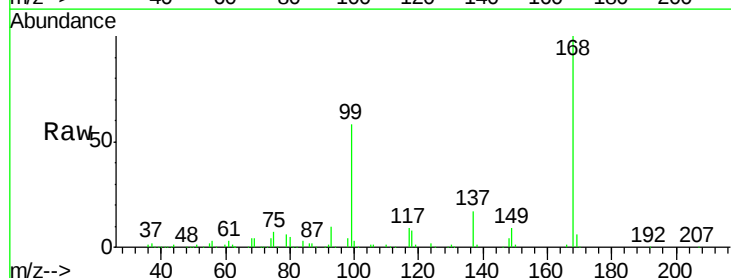
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-03-014-B

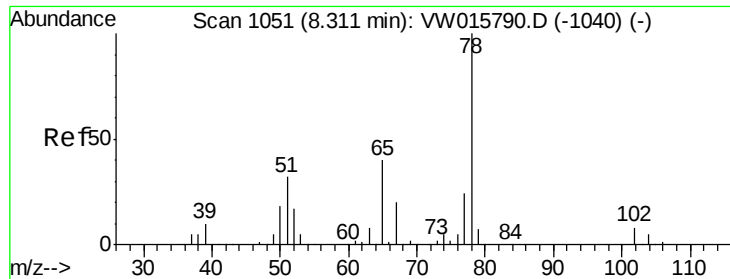
Tgt Ion: 43 Resp: 4710
Ion Ratio Lower Upper
43 100
58 32.0 23.5 35.3



#31
Cyclohexane
Concen: 1.439 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015865.D
Acq: 16 Jul 2020 16:28

Tgt Ion: 56 Resp: 5889
Ion Ratio Lower Upper
56 100
69 155.9 28.9 43.3#
84 106.3 72.2 108.4

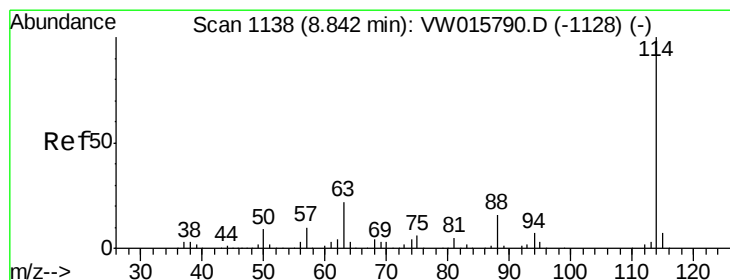
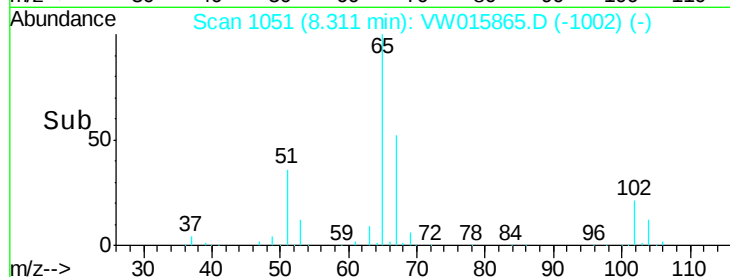
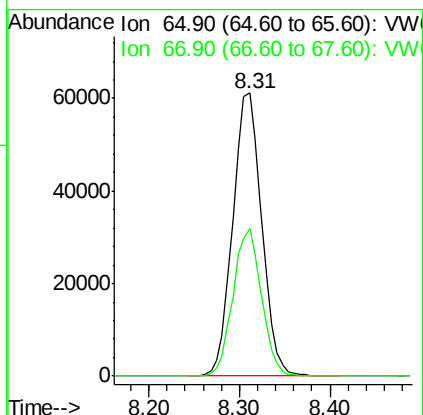
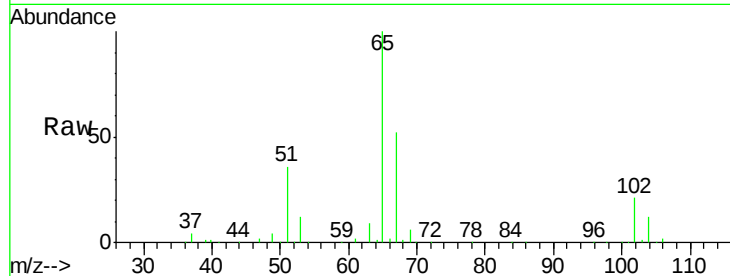




#33
 1,2-Dichloroethane-d4
 Concen: 57.244 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015865.D
 Acq: 16 Jul 2020 16:28

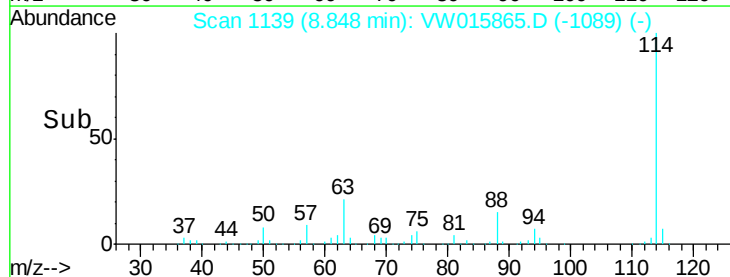
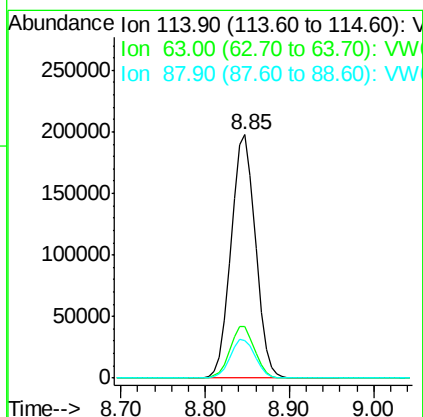
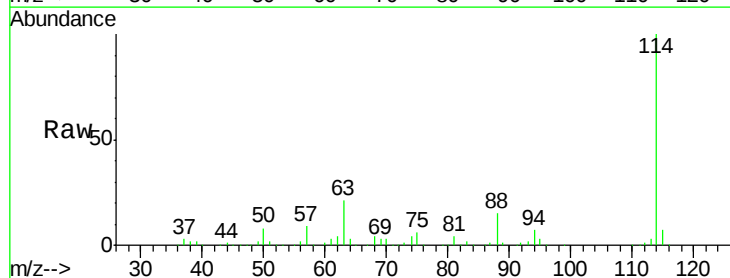
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-014-B

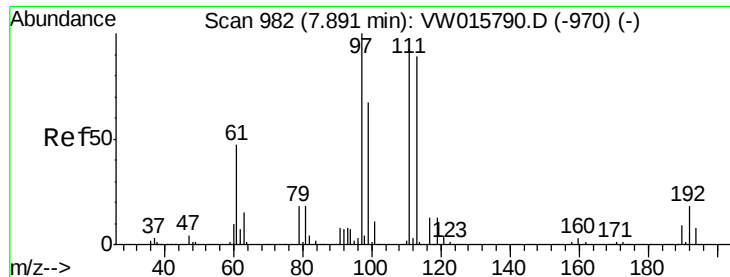
Tgt Ion: 65 Resp: 135322
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015865.D
 Acq: 16 Jul 2020 16:28

Tgt Ion: 114 Resp: 388680
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 44.4
 88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.124 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015865.D

Acq: 16 Jul 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-03-014-B

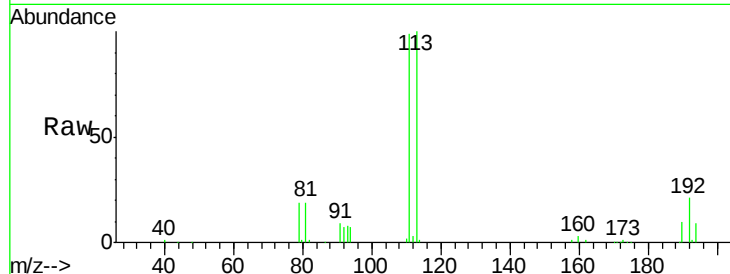
Tgt Ion:113 Resp: 115930

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

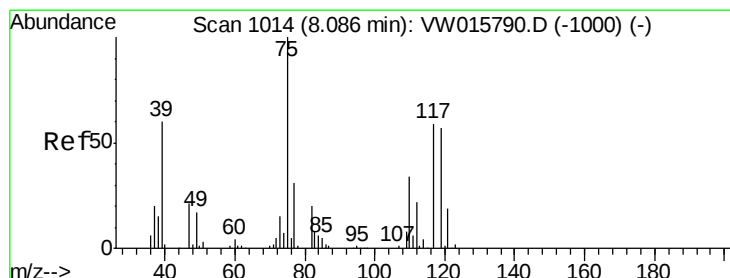
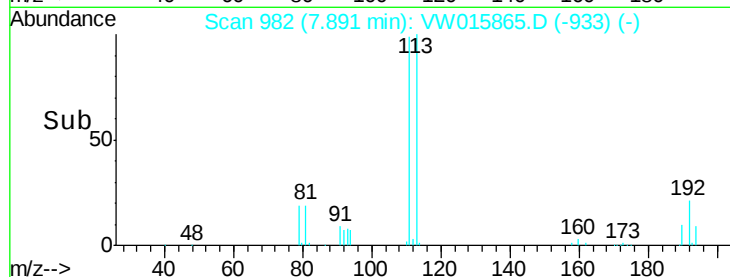
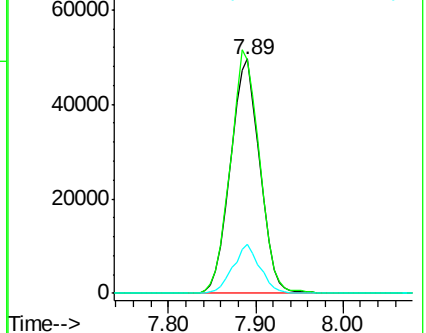
192 19.3 15.4 23.2



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: 4.906 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015865.D

Acq: 16 Jul 2020 16:28

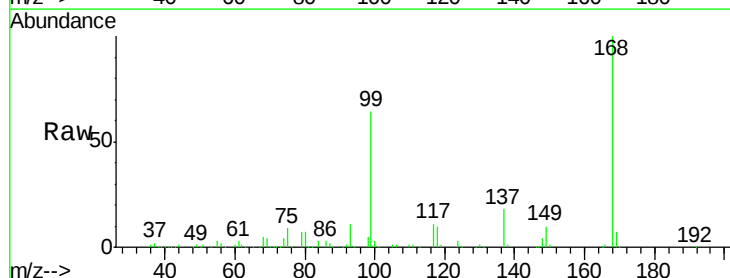
Tgt Ion: 75 Resp: 18797

Ion Ratio Lower Upper

75 100

110 9.5 16.8 50.3#

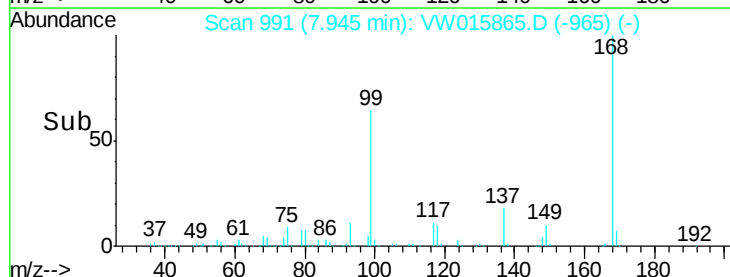
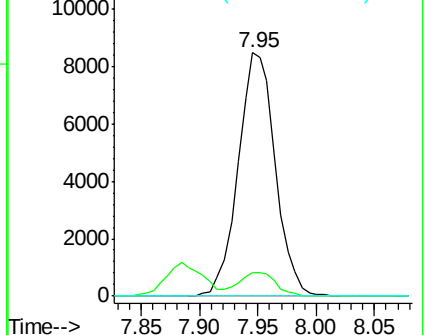
77 0.0 24.7 37.1#

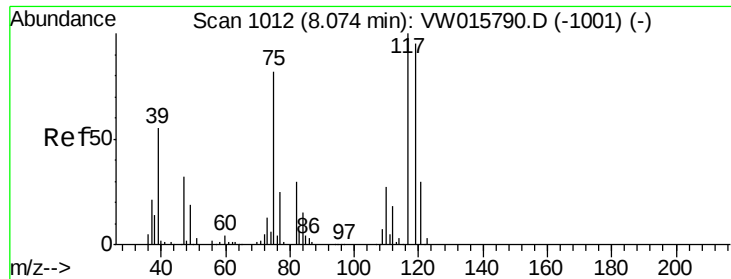


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.495 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.12 min

Lab File: VW015865.D

Acq: 16 Jul 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-03-014-B

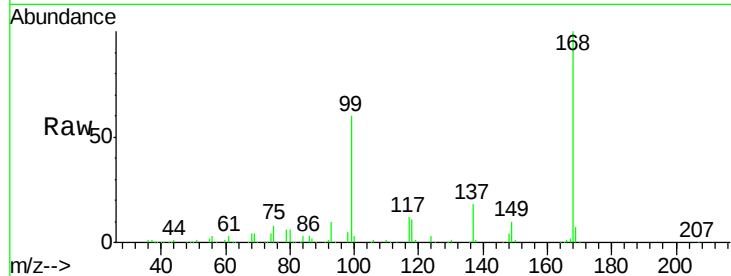
Tgt Ion:117 Resp: 24081

Ion Ratio Lower Upper

117 100

119 5.3 76.3 114.5#

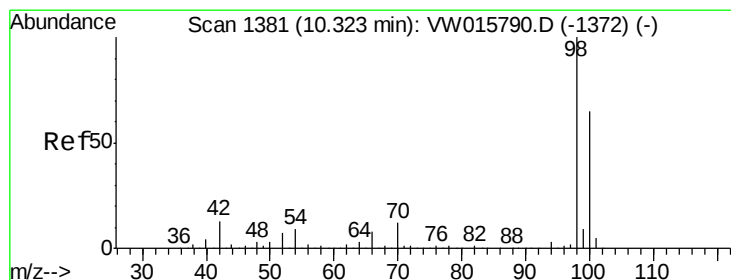
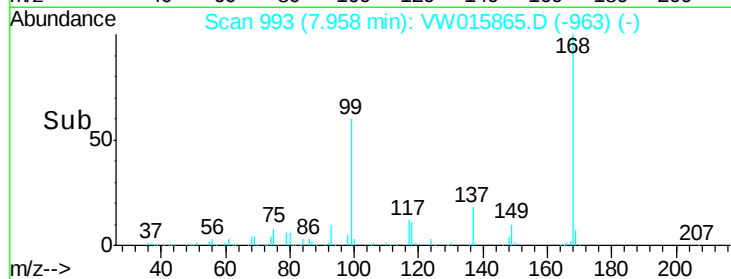
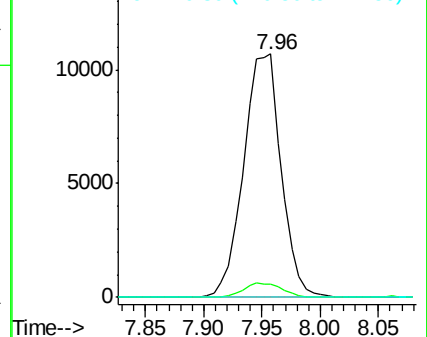
121 0.0 24.0 36.0#



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



#50

Toluene-d8

Concen: 53.073 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015865.D

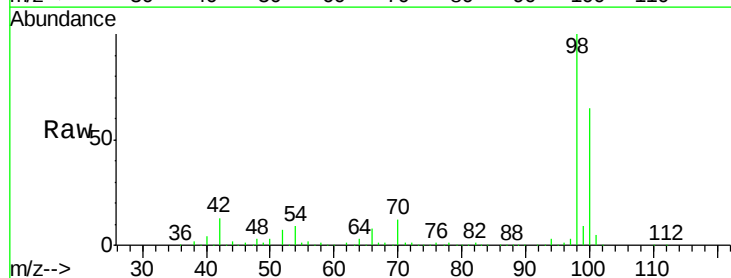
Acq: 16 Jul 2020 16:28

Tgt Ion: 98 Resp: 462278

Ion Ratio Lower Upper

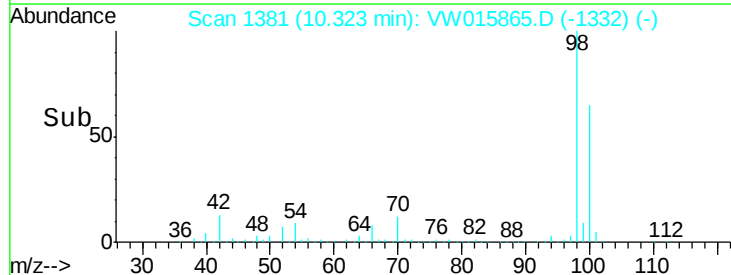
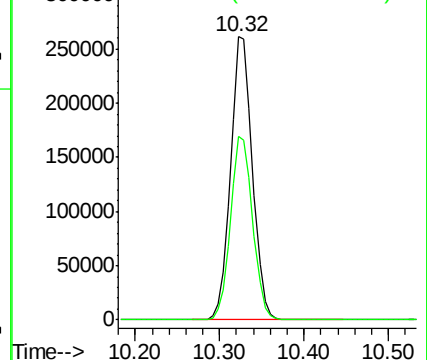
98 100

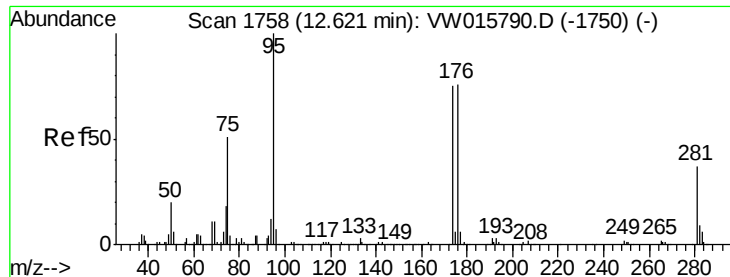
100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

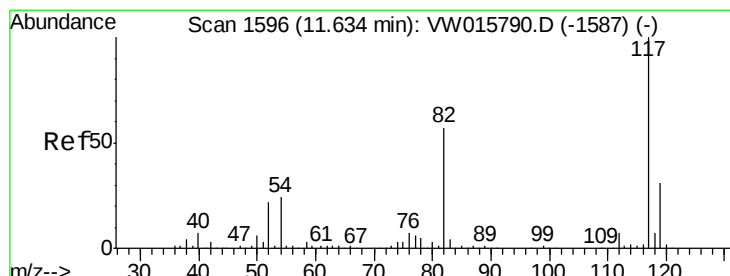
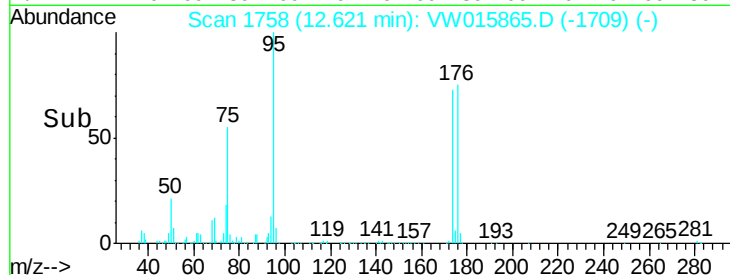
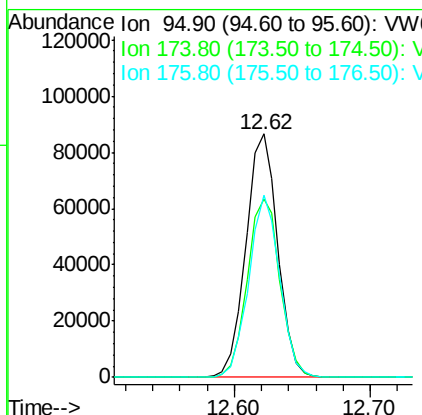
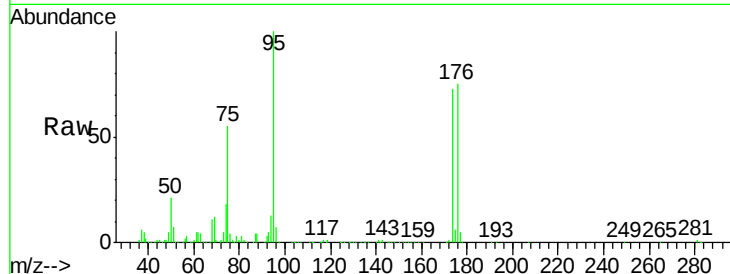




#62
4-Bromofluorobenzene
Concen: 44.136 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015865.D
Acq: 16 Jul 2020 16:28

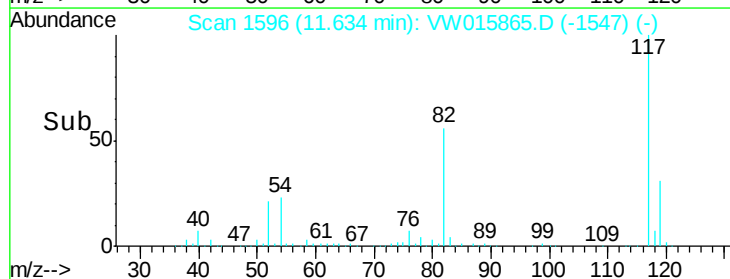
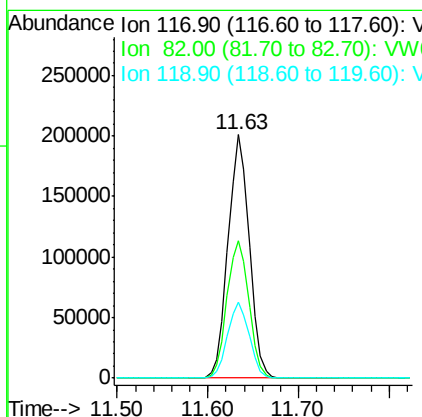
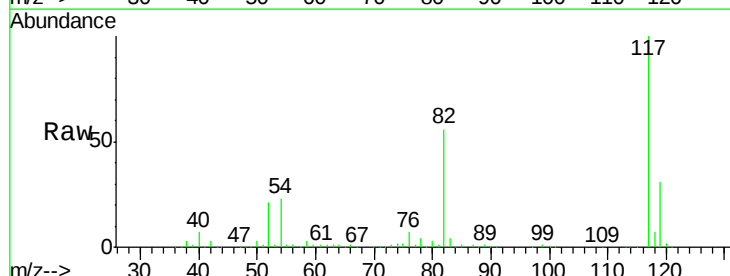
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-03-014-B

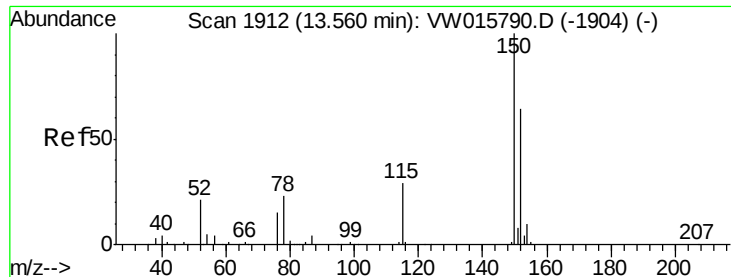
Tgt Ion: 95 Resp: 141067
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.2
176 73.4 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015865.D
Acq: 16 Jul 2020 16:28

Tgt Ion: 117 Resp: 327210
Ion Ratio Lower Upper
117 100
82 56.2 45.5 68.3
119 31.1 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: VW015865.D

Acq: 16 Jul 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-03-014-B

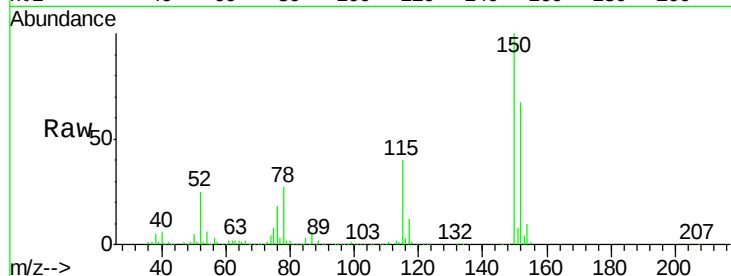
Tgt Ion:152 Resp: 126070

Ion Ratio Lower Upper

152 100

115 59.9 29.9 89.7

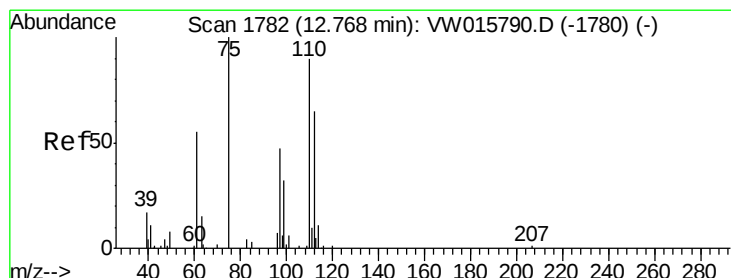
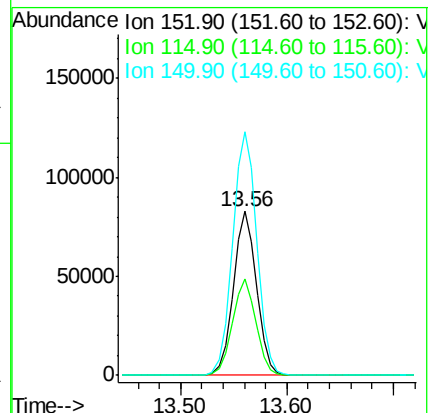
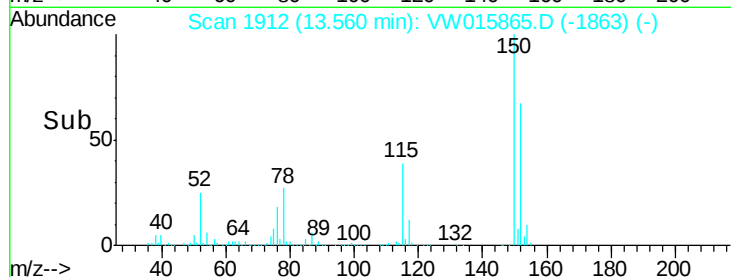
150 154.9 0.0 350.8



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: 68.780 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015865.D

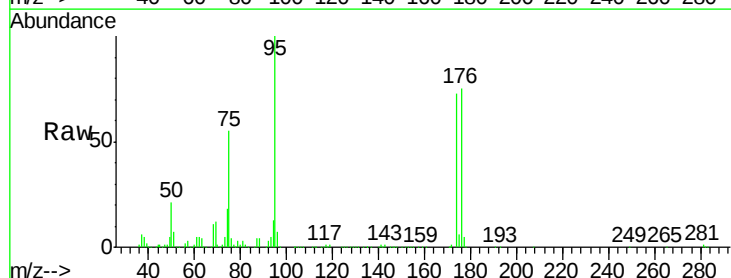
Acq: 16 Jul 2020 16:28

Tgt Ion: 75 Resp: 76207

Ion Ratio Lower Upper

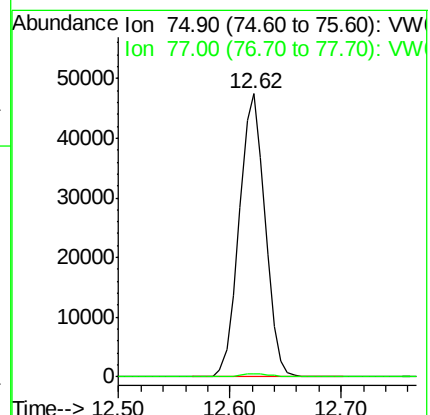
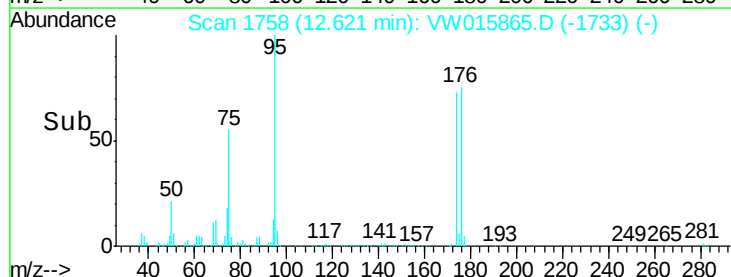
75 100

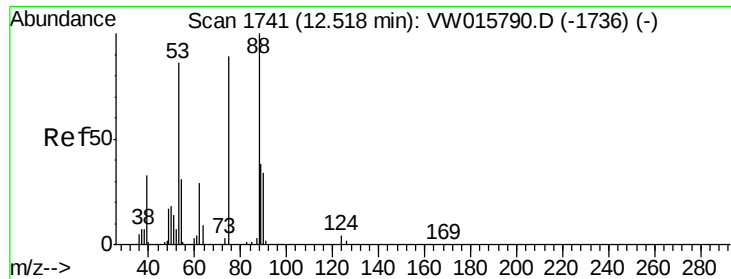
77 1.4 177.3 532.0#



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: 148.083 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW015865.D

Acq: 16 Jul 2020 16:28

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-03-014-B

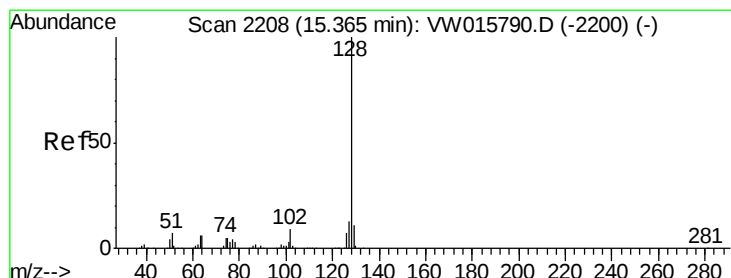
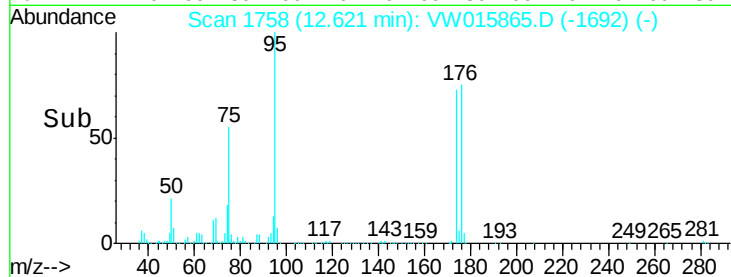
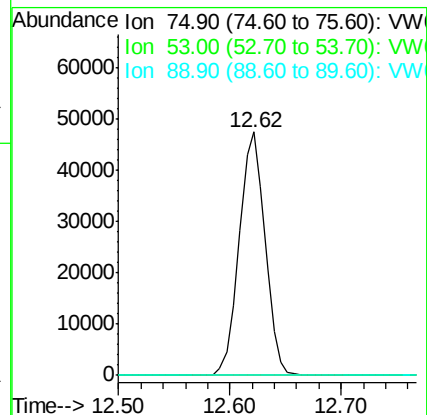
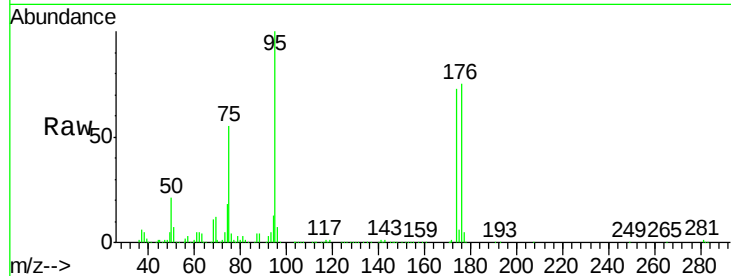
Tgt Ion: 75 Resp: 76207

Ion Ratio Lower Upper

75 100

53 0.3 85.9 128.9#

89 0.0 36.2 54.4#



#95

Naphthalene

Concen: 3.187 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015865.D

Acq: 16 Jul 2020 16:28

Tgt Ion: 128 Resp: 1626

Ion Ratio Lower Upper

128 100

127 14.9 10.6 16.0

129 14.1 8.7 13.1#

