

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071620\
 Data File : VW015864.D
 Acq On : 16 Jul 2020 16:02
 Operator : SY/VA
 Sample : L3303-02
 Misc : 9.85G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jul 16 18:00:53 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

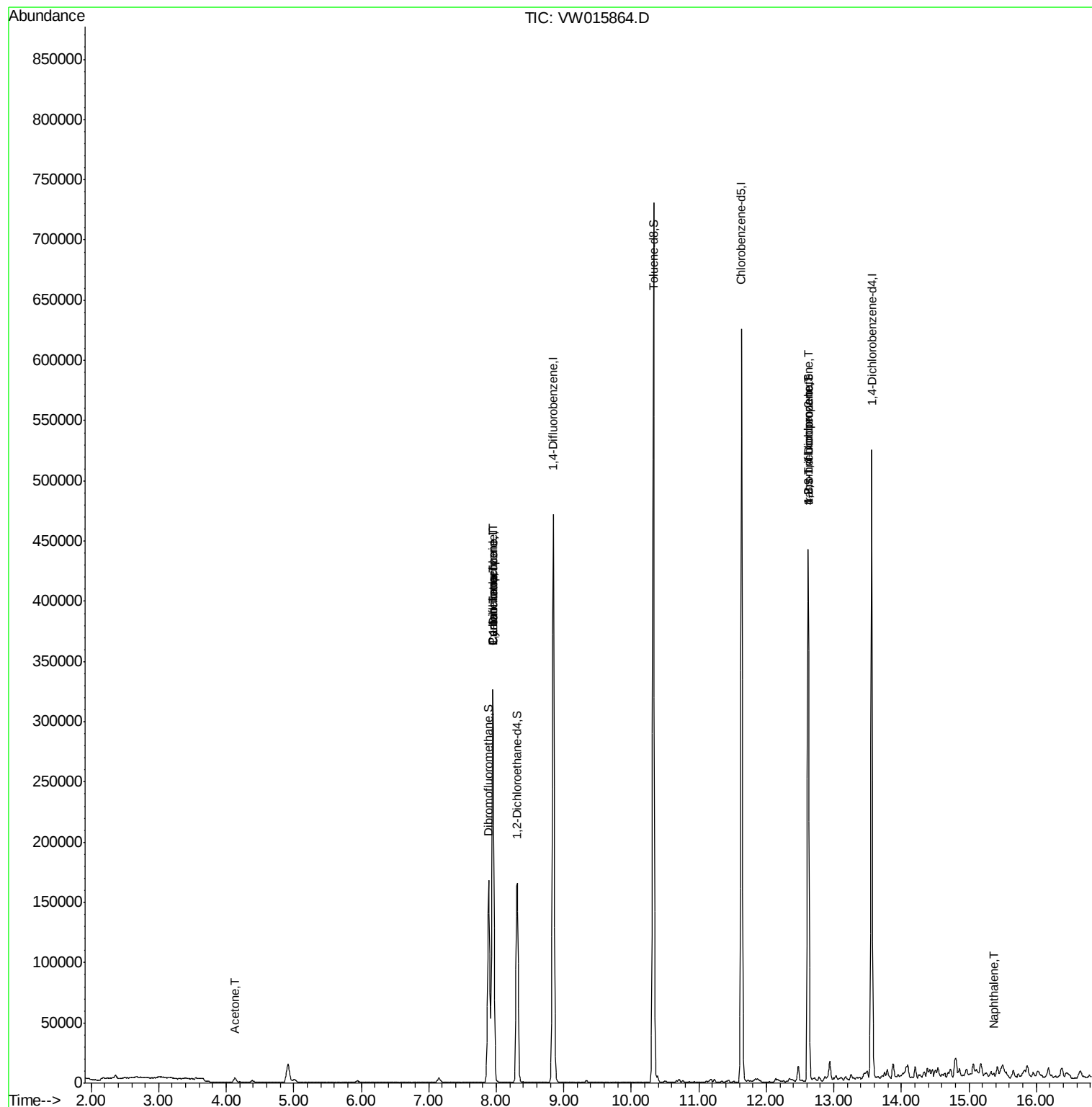
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	388963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137331	58.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.10%	
35) Dibromofluoromethane	7.89	113	117920	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
50) Toluene-d8	10.33	98	476070	54.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.24%	
62) 4-Bromofluorobenzene	12.62	95	144298	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	75	Below Cal	#	71
16) Acetone	4.14	43	7004	15.824	ug/l	91
31) Cyclohexane	7.95	56	6053	1.478	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	20118	5.247	ug/l #	50
38) Carbon Tetrachloride	7.95	117	23834	6.424	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	76664	66.787	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	76664	143.900	ug/l #	7
95) Naphthalene	15.37	128	1477	3.141	ug/l #	86

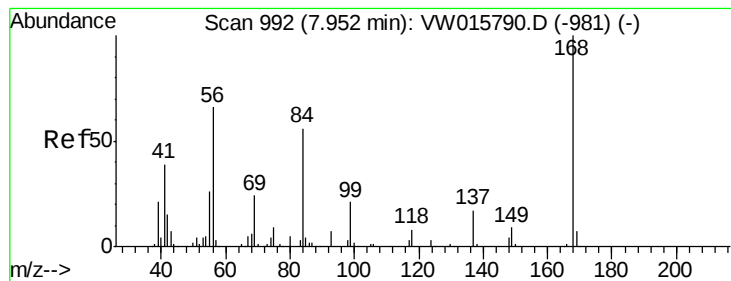
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW071620\
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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: VW015864.D

Acq: 16 Jul 2020 16:02

Instrument :

MSVOA_W

ClientSampleId :

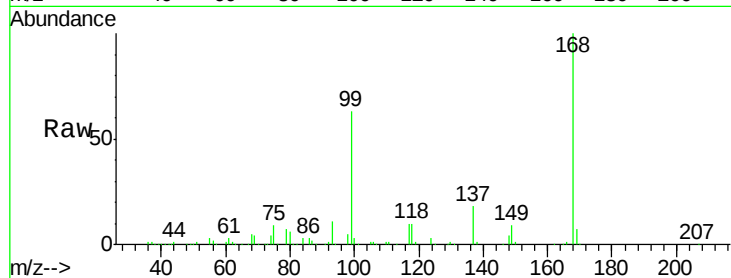
FK-GF-03-014-A

Tgt Ion:168 Resp: 229723

Ion Ratio Lower Upper

168 100

99 62.7 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

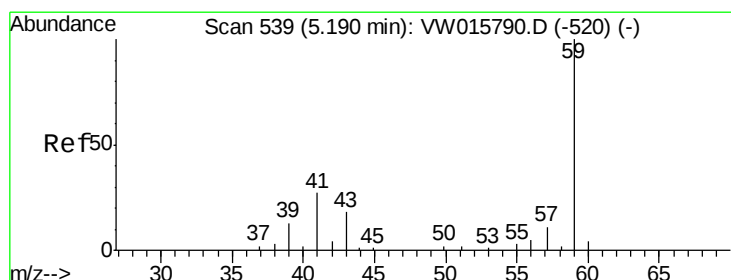
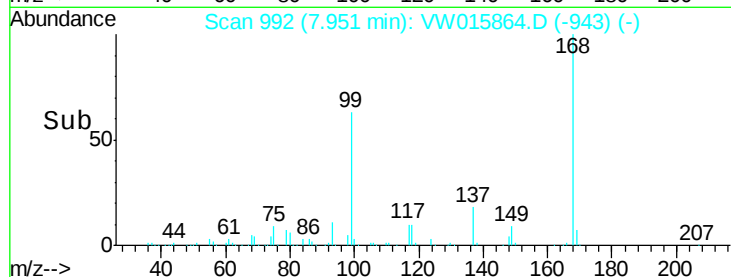
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 540

Delta R.T. 0.01 min

Lab File: VW015864.D

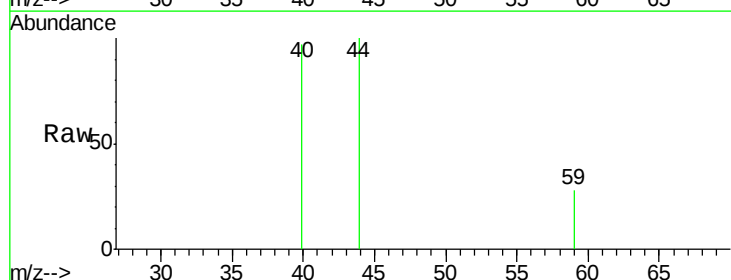
Acq: 16 Jul 2020 16:02

Tgt Ion: 59 Resp: 75

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

5.20

80

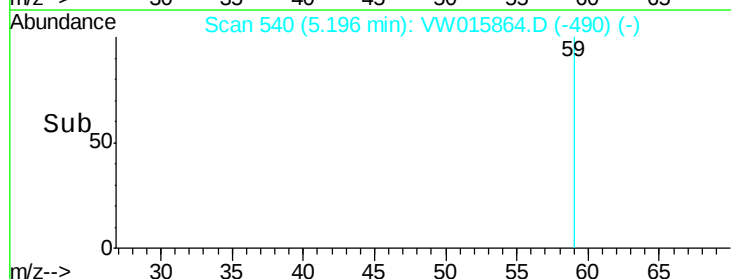
60

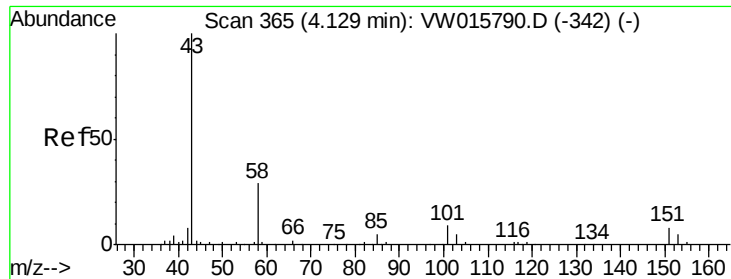
40

20

0

Time-->

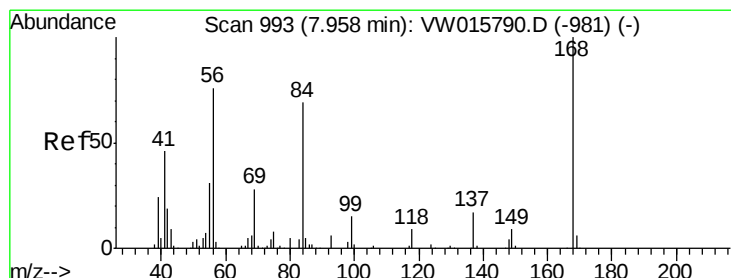
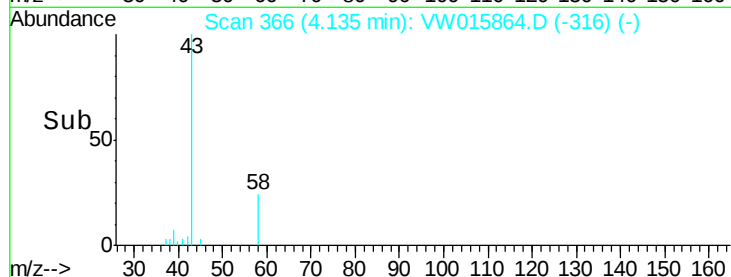
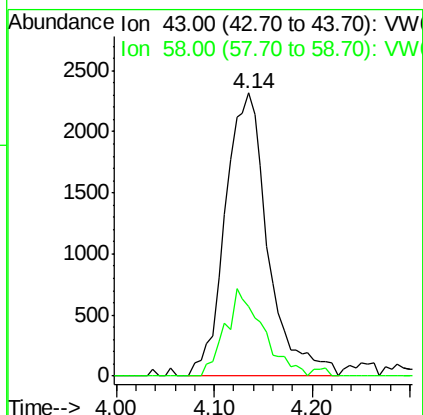
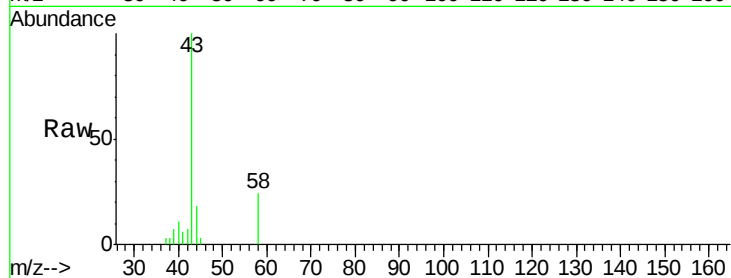




#16
Acetone
Concen: 15.824 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015864.D
Acq: 16 Jul 2020 16:02

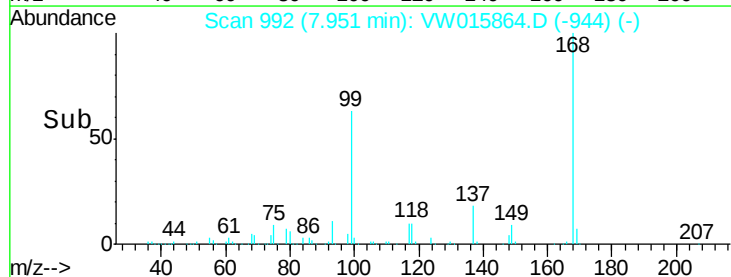
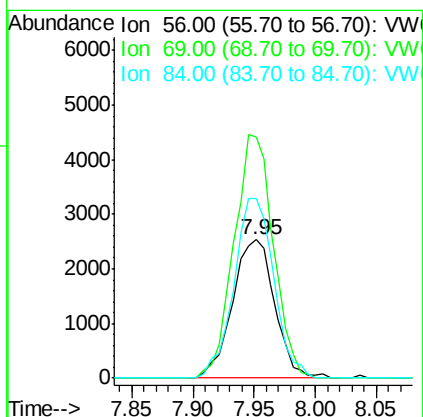
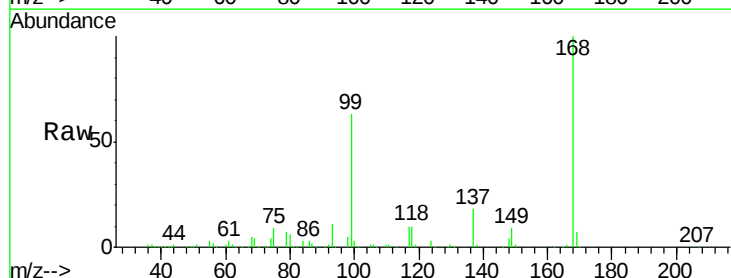
Instrument :
MSVOA_W
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FK-GF-03-014-A

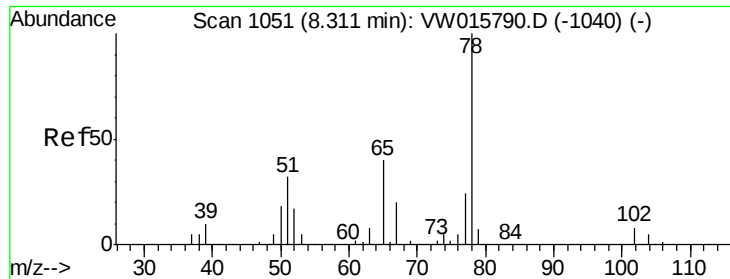
Tgt Ion: 43 Resp: 7004
Ion Ratio Lower Upper
43 100
58 24.5 23.5 35.3



#31
Cyclohexane
Concen: 1.478 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015864.D
Acq: 16 Jul 2020 16:02

Tgt Ion: 56 Resp: 6053
Ion Ratio Lower Upper
56 100
69 174.2 28.9 43.3#
84 130.3 72.2 108.4#

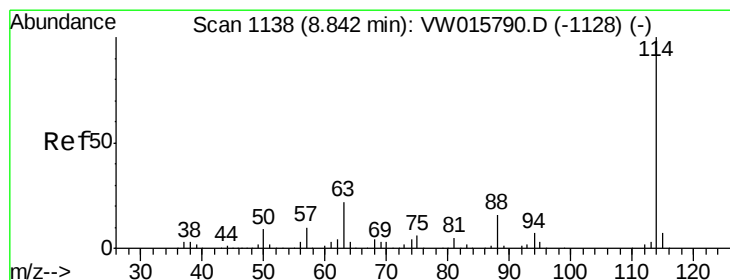
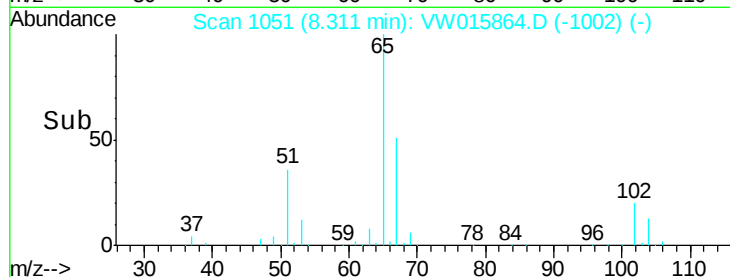
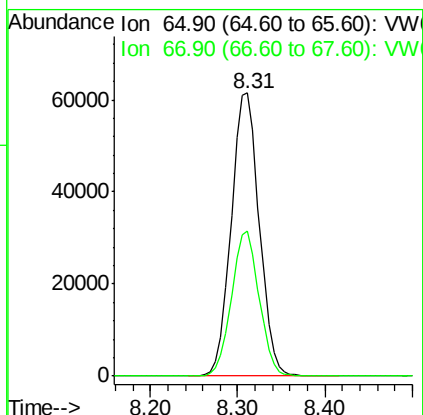
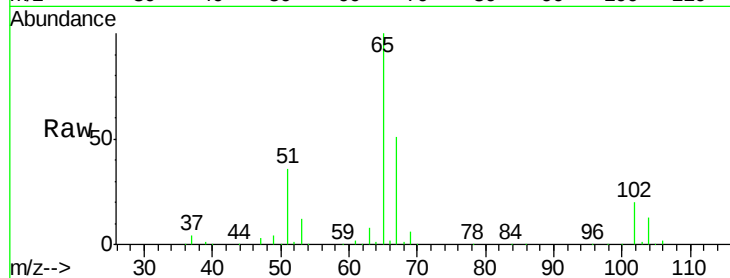




#33
 1,2-Dichloroethane-d4
 Concen: 58.054 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015864.D
 Acq: 16 Jul 2020 16:02

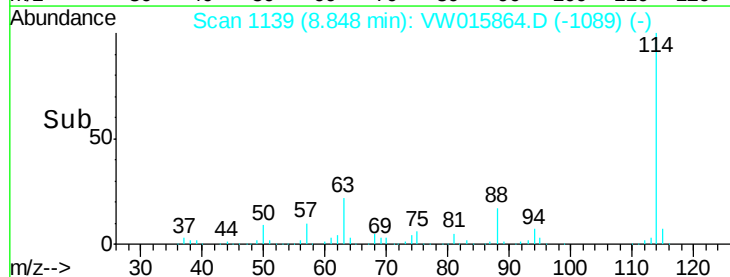
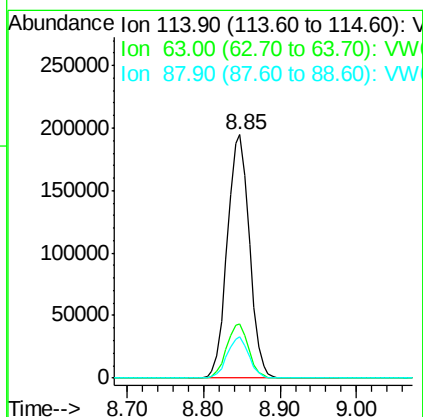
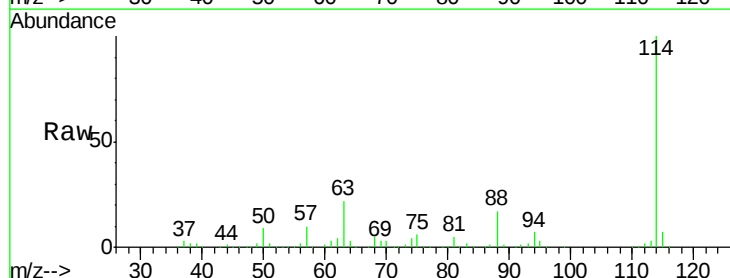
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-014-A

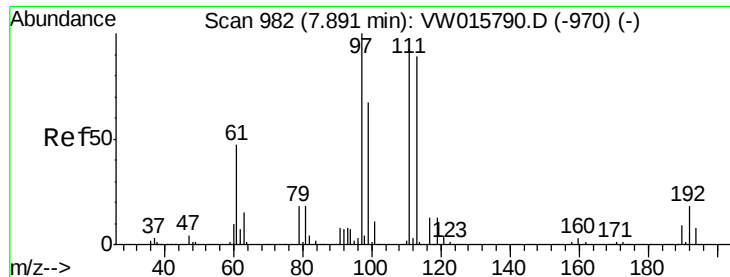
Tgt Ion: 65 Resp: 137331
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015864.D
 Acq: 16 Jul 2020 16:02

Tgt Ion: 114 Resp: 388963
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 16.8 0.0 32.6

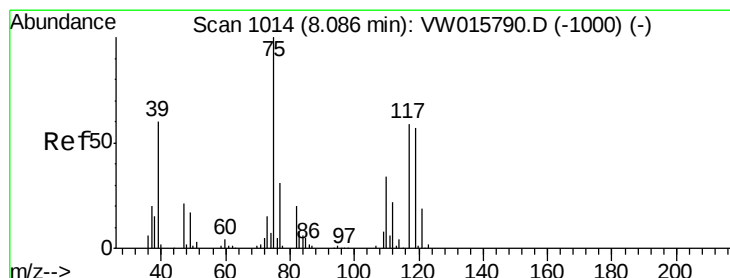
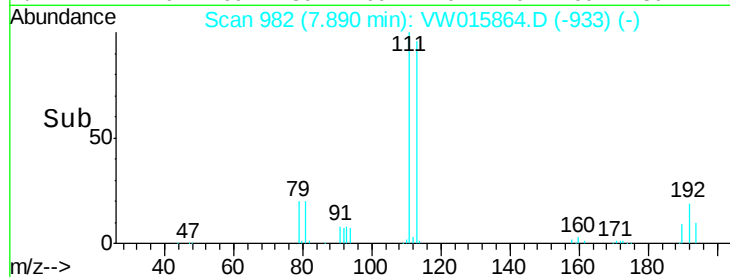
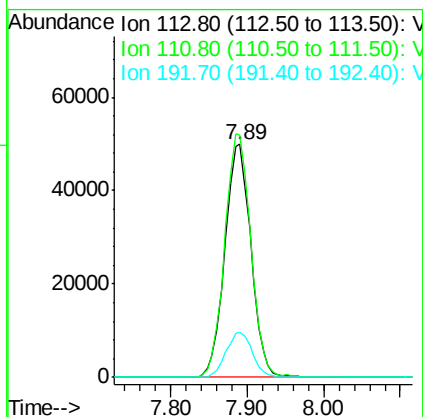
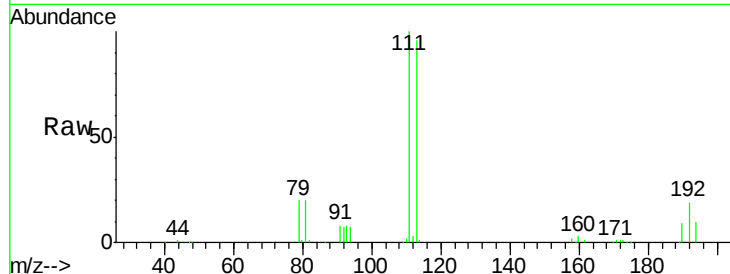




#35
 Dibromofluoromethane
 Concen: 51.964 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015864.D
 Acq: 16 Jul 2020 16:02

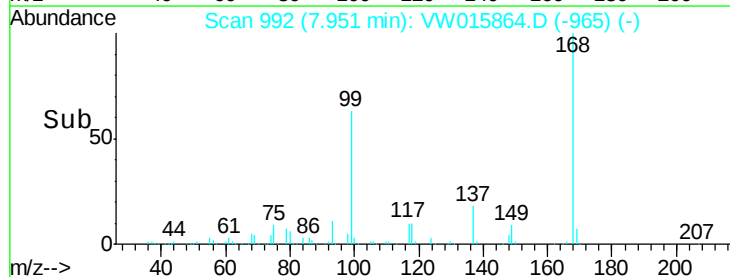
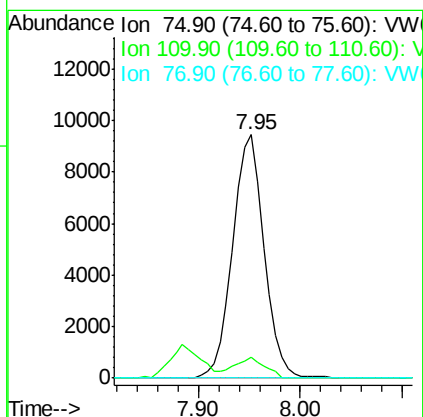
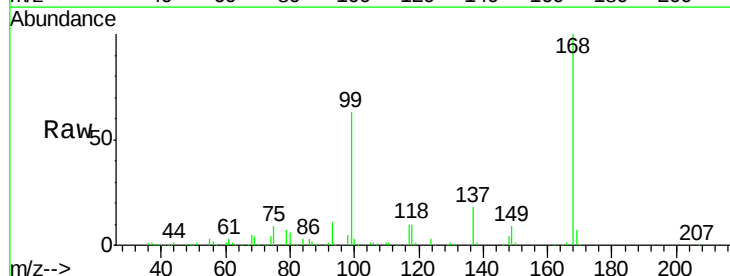
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-014-A

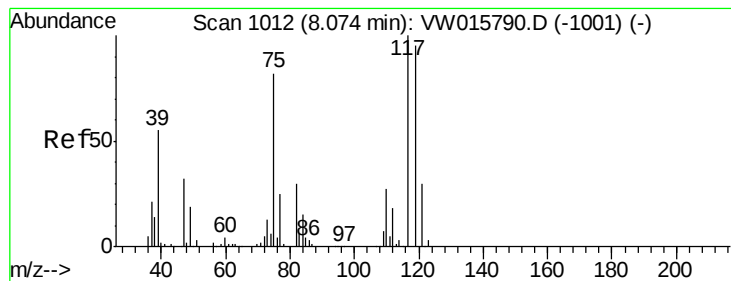
Tgt Ion: 113 Resp: 117920
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.8 124.2
 192 19.4 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.247 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015864.D
 Acq: 16 Jul 2020 16:02

Tgt Ion: 75 Resp: 20118
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.8 50.3#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.424 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015864.D

Acq: 16 Jul 2020 16:02

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-03-014-A

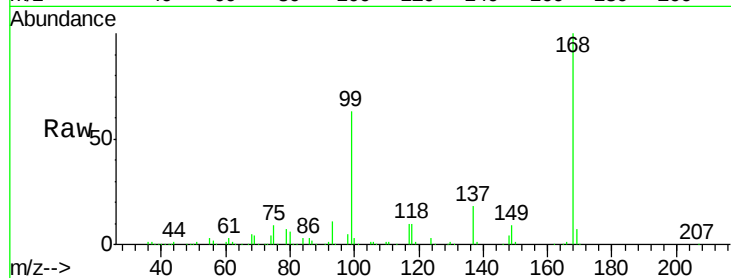
Tgt Ion: 117 Resp: 23834

Ion Ratio Lower Upper

117 100

119 4.9 76.3 114.5#

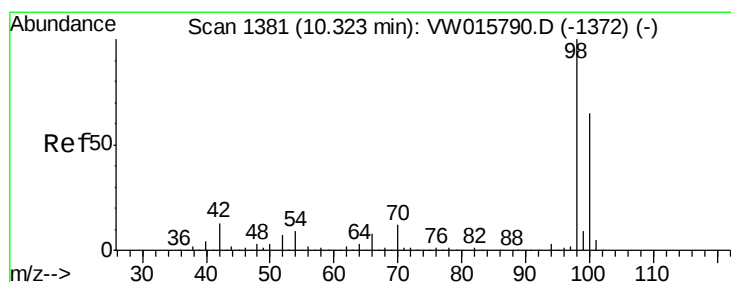
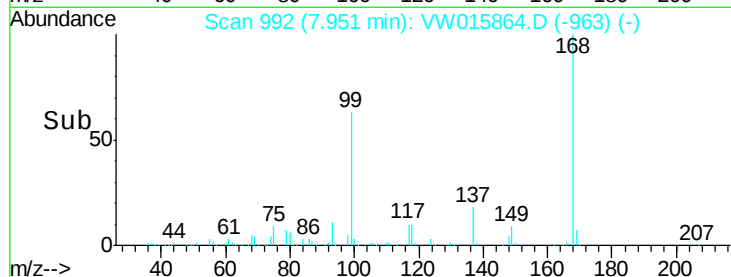
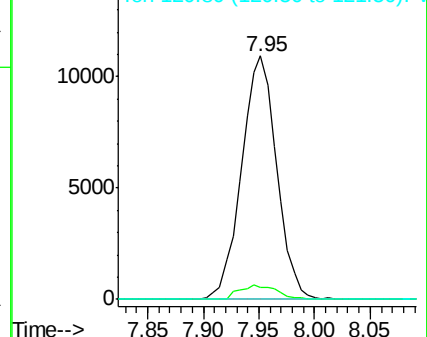
121 0.0 24.0 36.0#



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: 54.616 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015864.D

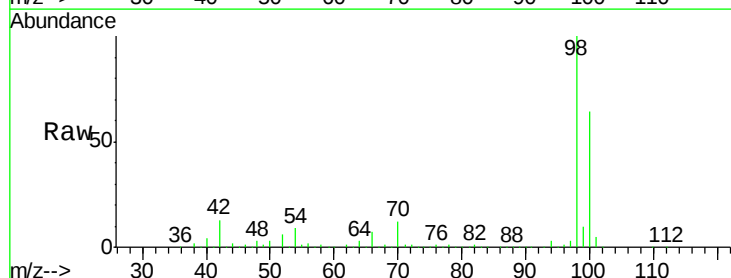
Acq: 16 Jul 2020 16:02

Tgt Ion: 98 Resp: 476070

Ion Ratio Lower Upper

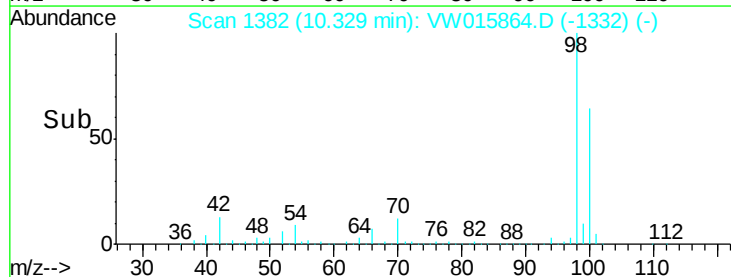
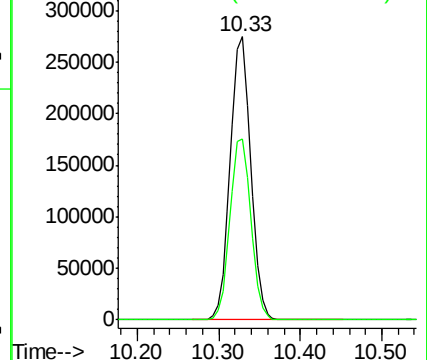
98 100

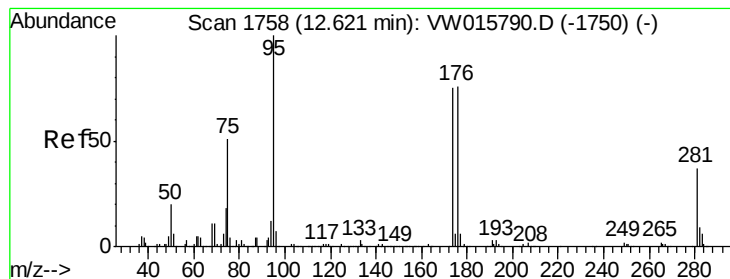
100 65.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.114 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015864.D

Acq: 16 Jul 2020 16:02

Instrument :

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ClientSampleId :

FK-GF-03-014-A

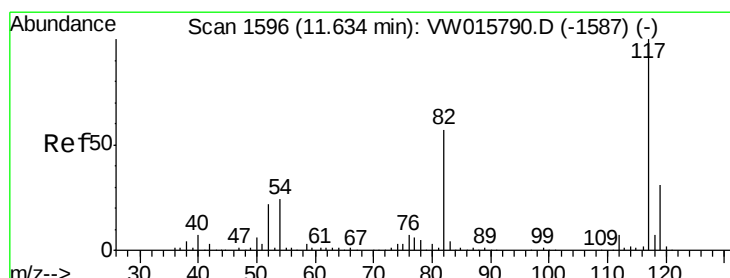
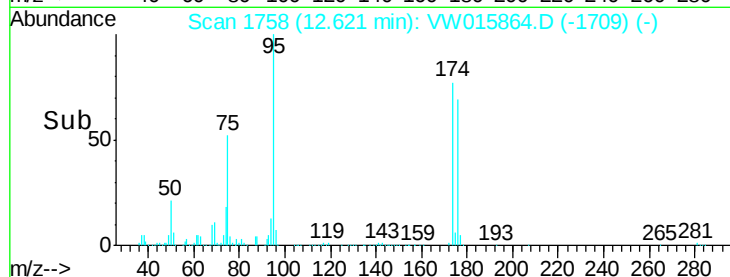
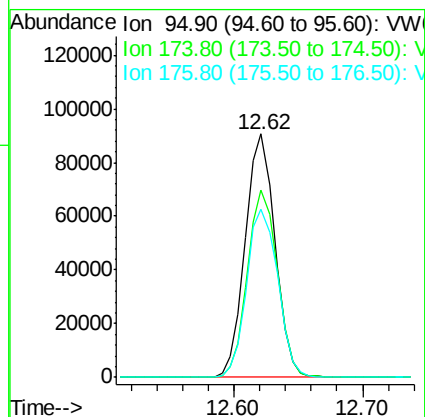
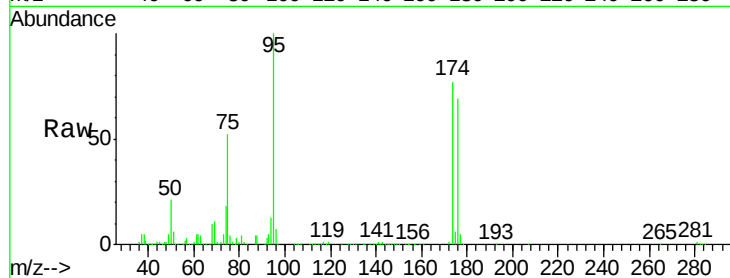
Tgt Ion: 95 Resp: 144298

Ion Ratio Lower Upper

95 100

174 77.8 0.0 150.2

176 72.4 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: VW015864.D

Acq: 16 Jul 2020 16:02

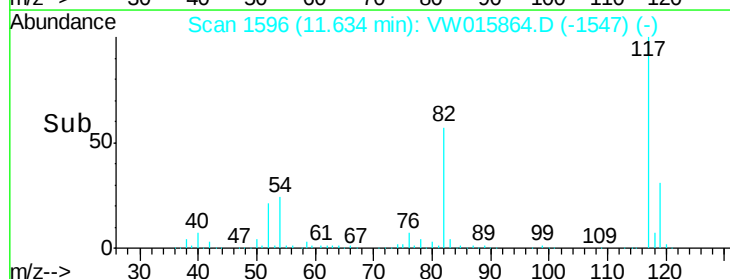
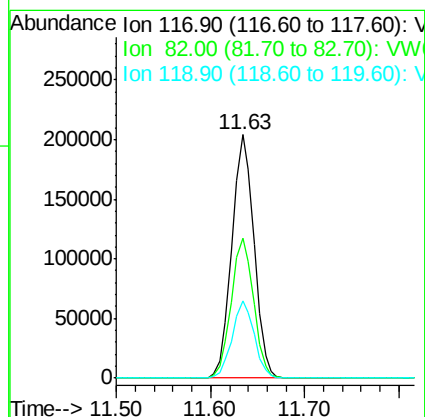
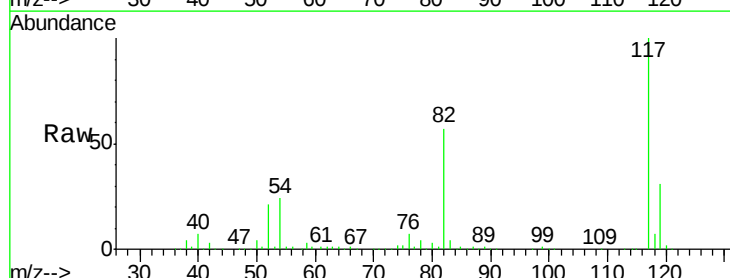
Tgt Ion: 117 Resp: 333816

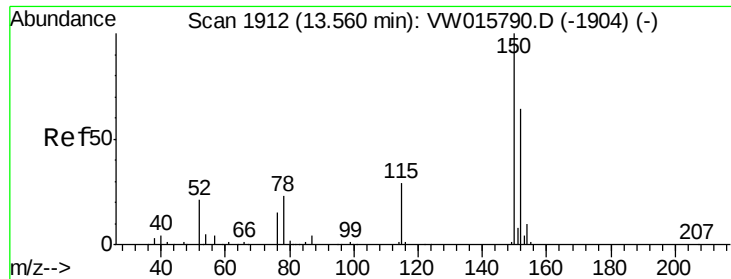
Ion Ratio Lower Upper

117 100

82 57.2 45.5 68.3

119 31.5 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: VW015864.D

Acq: 16 Jul 2020 16:02

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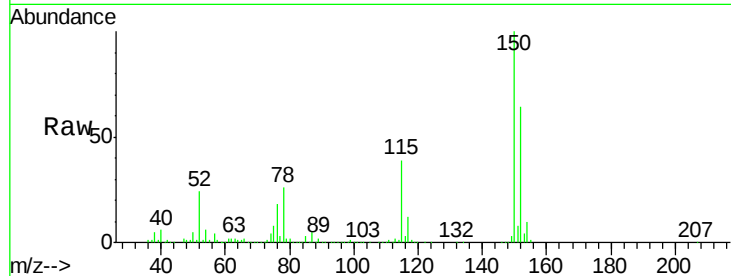
Tgt Ion:152 Resp: 130611

Ion Ratio Lower Upper

152 100

115 60.3 29.9 89.7

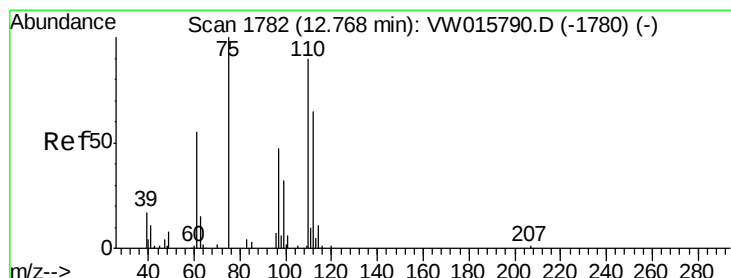
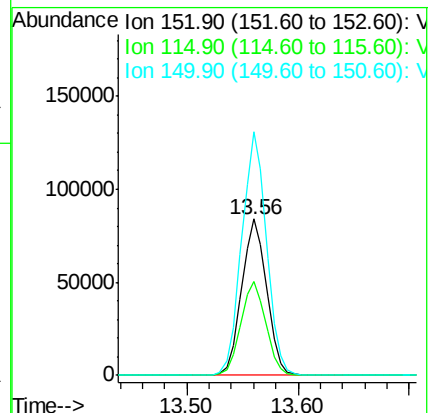
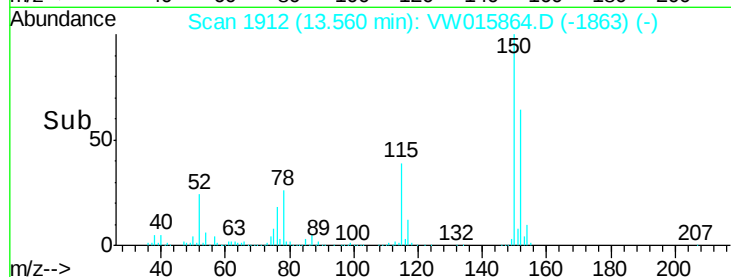
150 154.0 0.0 350.8



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: 66.787 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015864.D

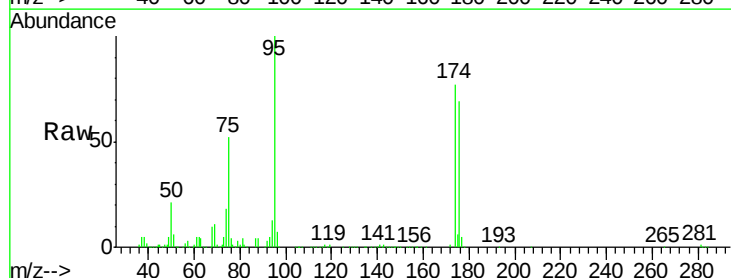
Acq: 16 Jul 2020 16:02

Tgt Ion: 75 Resp: 76664

Ion Ratio Lower Upper

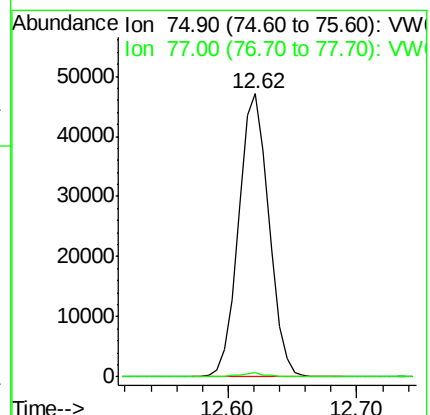
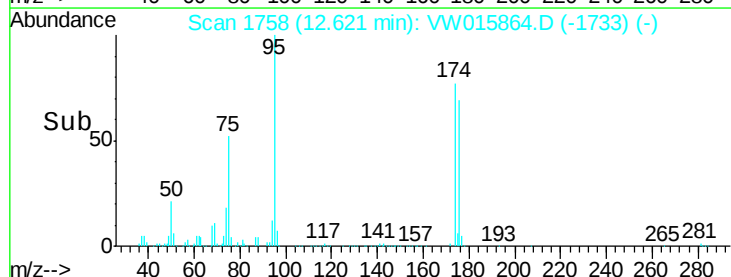
75 100

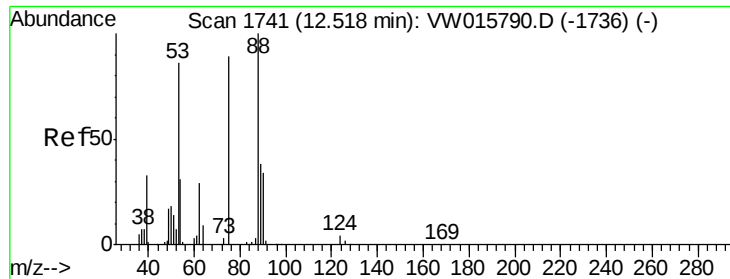
77 1.4 177.3 532.0#



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: 143.900 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW015864.D

Acq: 16 Jul 2020 16:02

Instrument :

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ClientSampleId :

FK-GF-03-014-A

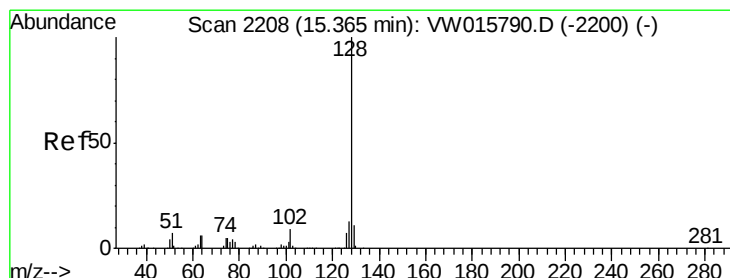
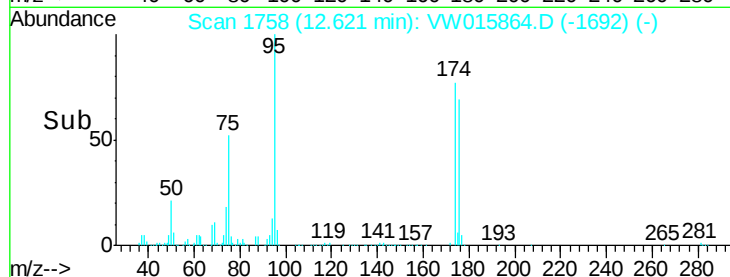
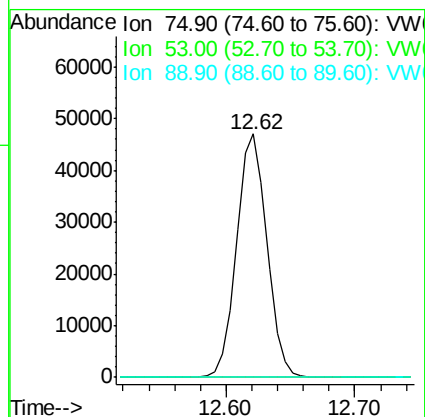
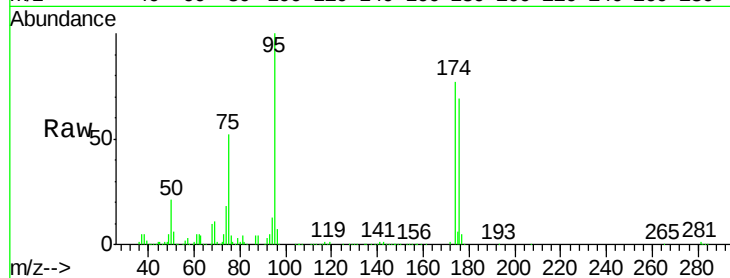
Tgt Ion: 75 Resp: 76664

Ion Ratio Lower Upper

75 100

53 0.2 85.9 128.9#

89 0.0 36.2 54.4#



#95

Naphthalene

Concen: 3.141 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW015864.D

Acq: 16 Jul 2020 16:02

Tgt Ion: 128 Resp: 1477

Ion Ratio Lower Upper

128 100

127 15.8 10.6 16.0

129 19.8 8.7 13.1#

