

Data File : VW002348.D
Acq On : 10 May 2018 00:55
Operator : JC/SY
Sample : J2792-04
Misc : 10.63G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-01-003-B

Quant Time: May 10 05:50:41 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	282781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	241583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103902	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87759	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
35) Dibromofluoromethane	7.88	113	82011	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	
50) Toluene-d8	10.33	98	261431	37.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.64%	
62) 4-Bromofluorobenzene	12.63	95	87255	34.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.86%	

Target Compounds

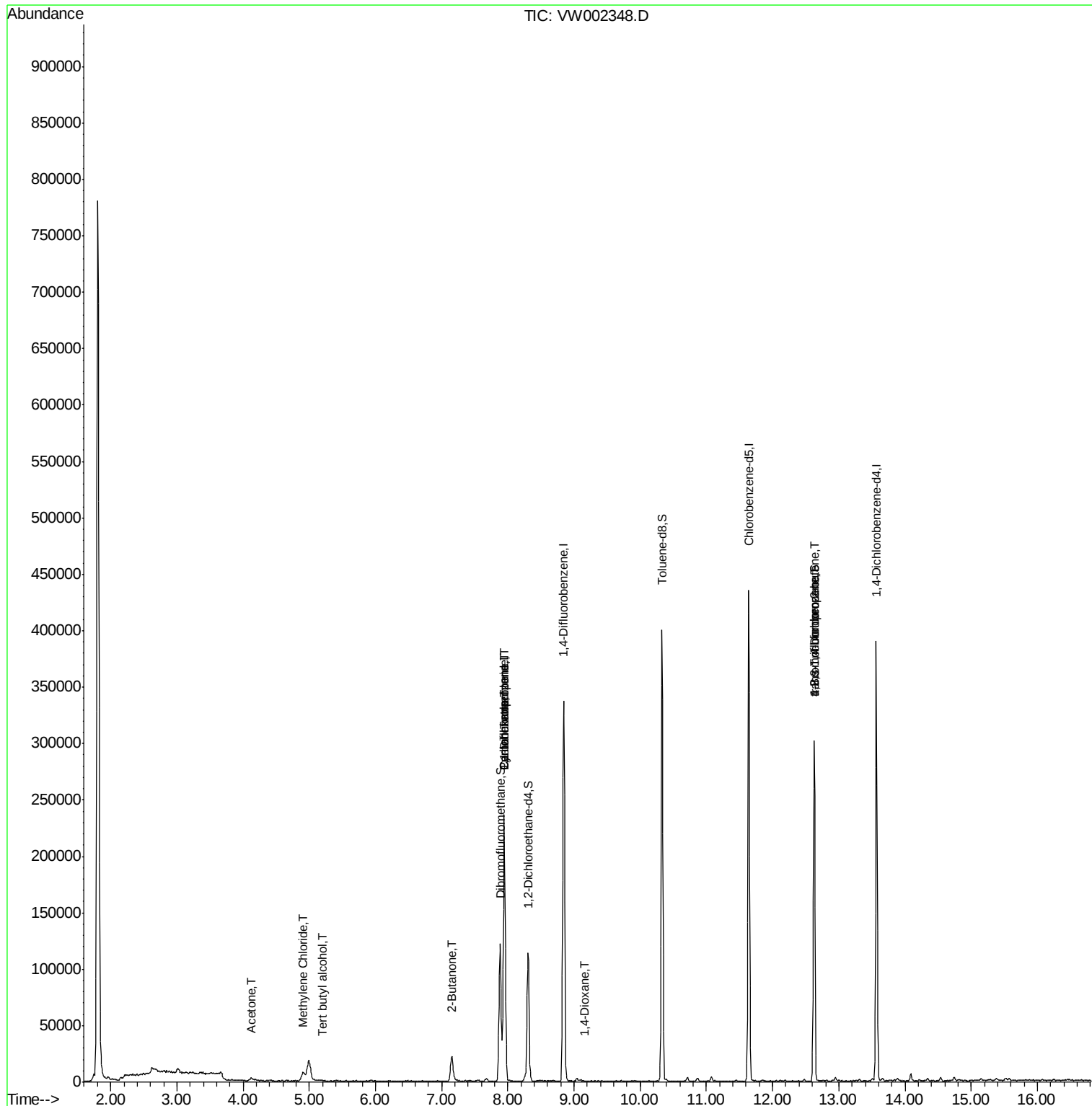
						Qvalue
11) Tert butyl alcohol	5.20	59	351	2.52	ug/l	98
16) Acetone	4.13	43	5119	13.66	ug/l	98
20) Methylene Chloride	4.90	84	7309	4.05	ug/l	88
25) 2-Butanone	7.15	43	1476	2.65	ug/l #	49
31) Cyclohexane	7.94	56	3756	1.32	ug/l #	47
36) 1,1-Dichloropropene	7.95	75	13822	5.40	ug/l #	51
38) Carbon Tetrachloride	7.95	117	16067	6.50	ug/l #	16
49) 1,4-Dioxane	9.17	88	22	1.32	ug/l #	23
76) 1,2,3-Trichloropropane	12.63	75	46091	50.02	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.63	75	46091	131.77	ug/l #	10

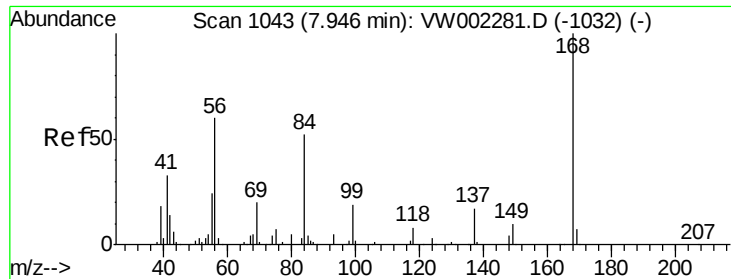
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FK-GF-01-003-B

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Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

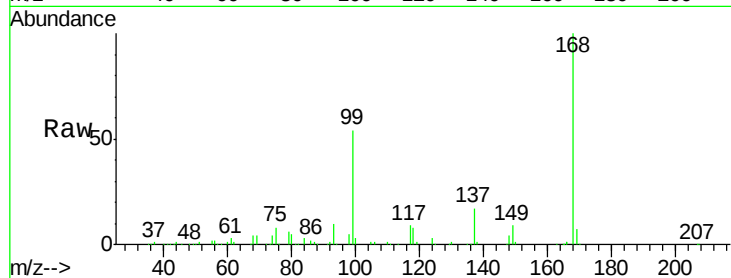
FK-GF-01-003-B

Tgt Ion:168 Resp: 180684

Ion Ratio Lower Upper

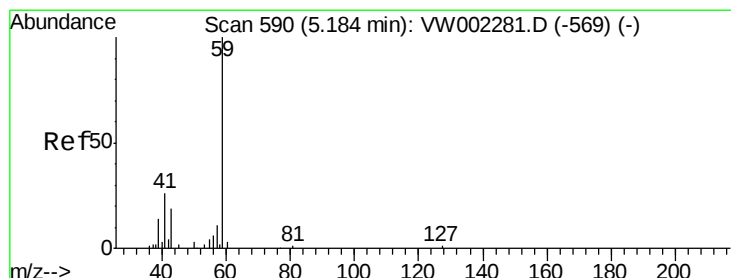
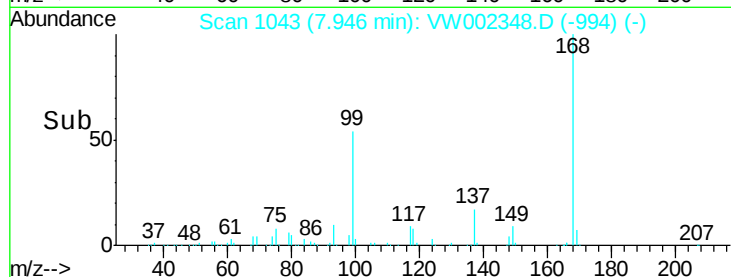
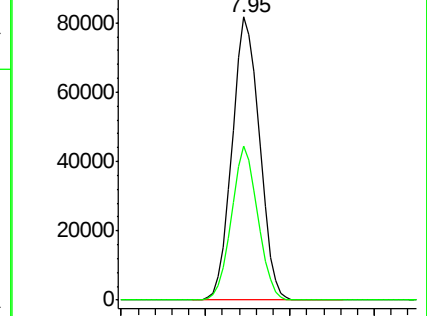
168 100

99 54.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.52 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.02 min

Lab File: VW002348.D

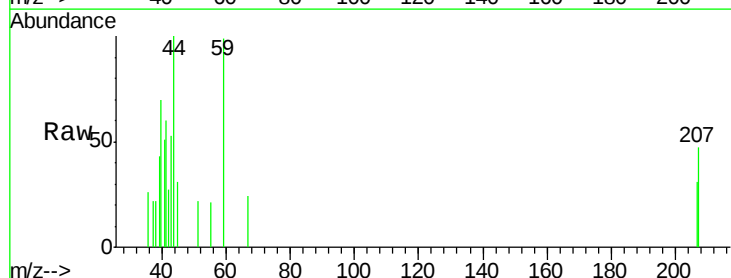
Acq: 10 May 2018 00:55

Tgt Ion: 59 Resp: 351

Ion Ratio Lower Upper

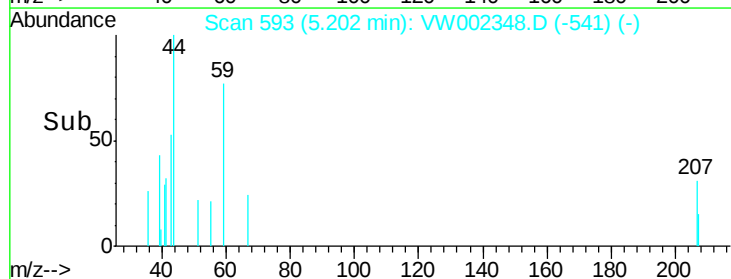
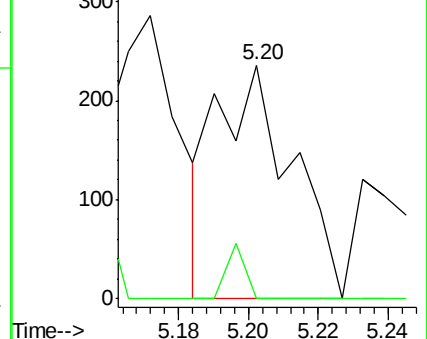
59 100

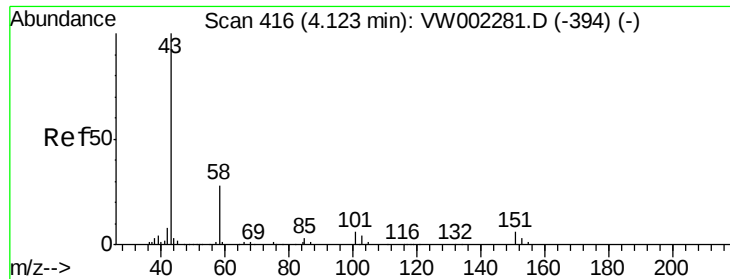
57 5.7 3.9 5.9



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 13.66 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

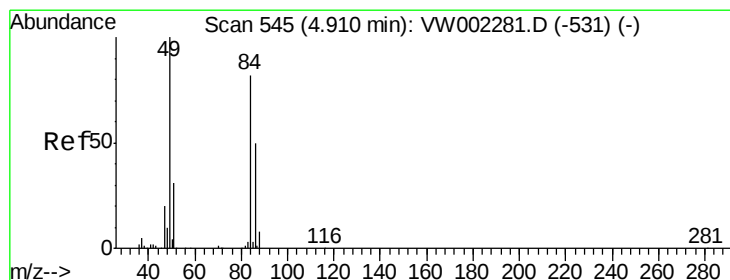
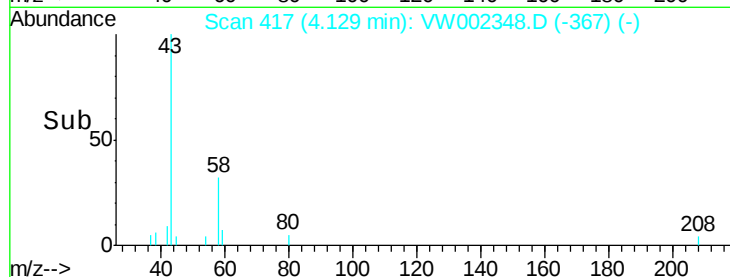
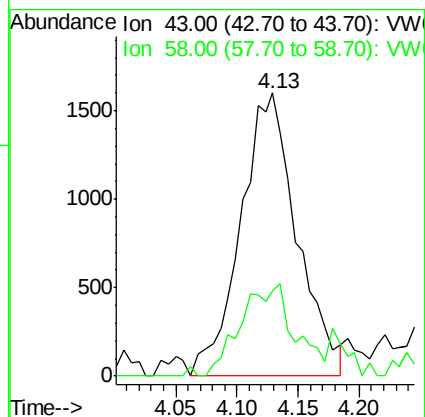
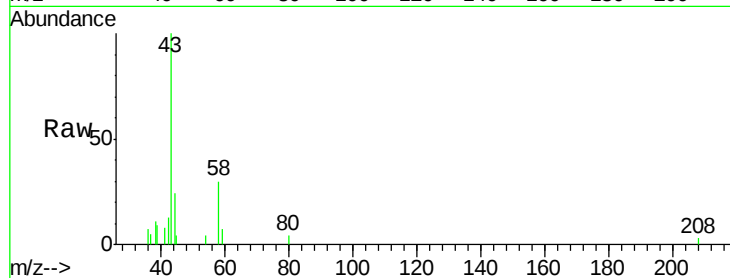
FK-GF-01-003-B

Tgt Ion: 43 Resp: 5119

Ion Ratio Lower Upper

43 100

58 26.8 22.2 33.4



#20

Methylene Chloride

Concen: 4.05 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

Tgt Ion: 84 Resp: 7309

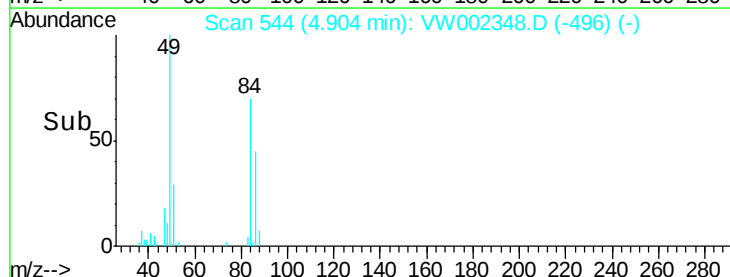
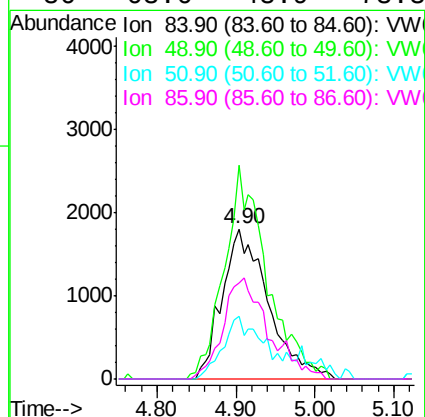
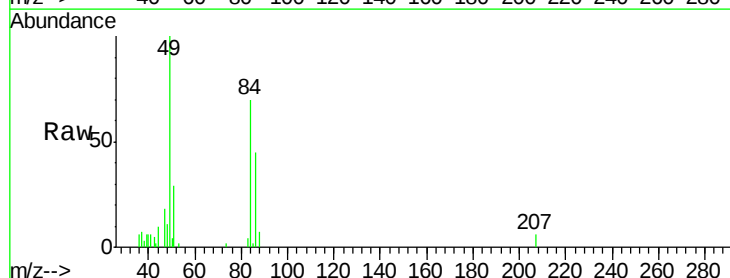
Ion Ratio Lower Upper

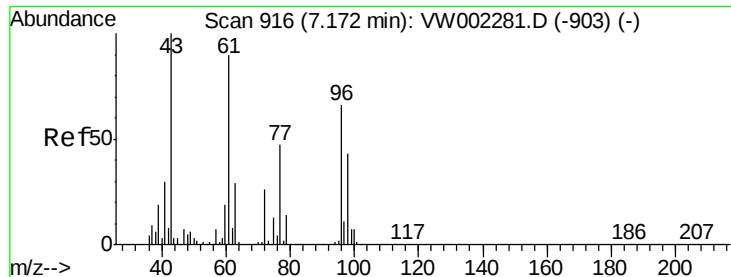
84 100

49 142.1 97.7 146.5

51 41.4 30.2 45.4

86 63.6 48.9 73.3





#25

2-Butanone

Concen: 2.65 ug/l

RT: 7.15 min Scan# 912

Delta R.T. -0.02 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

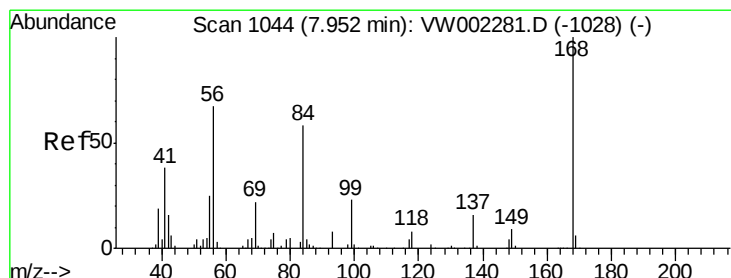
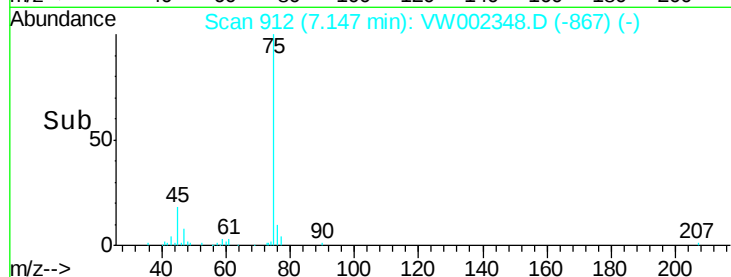
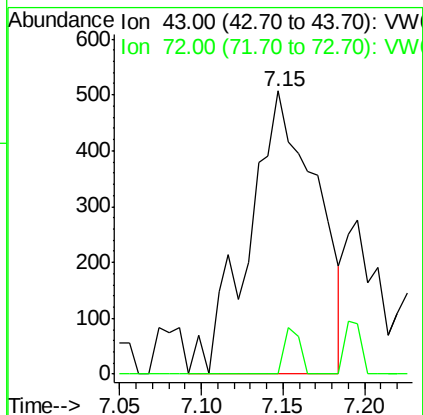
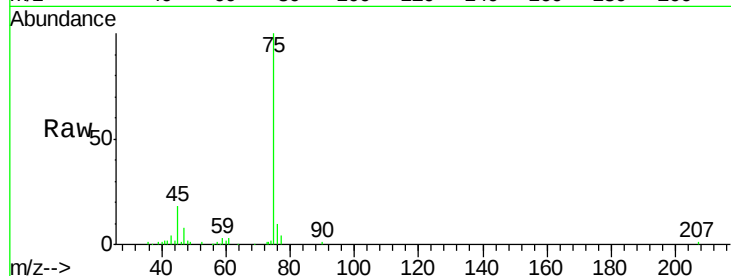
FK-GF-01-003-B

Tgt Ion: 43 Resp: 1476

Ion Ratio Lower Upper

43 100

72 0.0 20.6 31.0#



#31

Cyclohexane

Concen: 1.32 ug/l

RT: 7.94 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

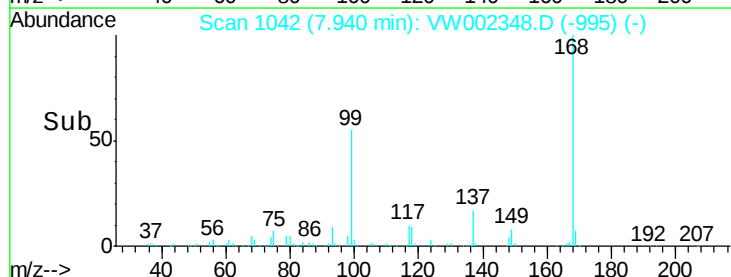
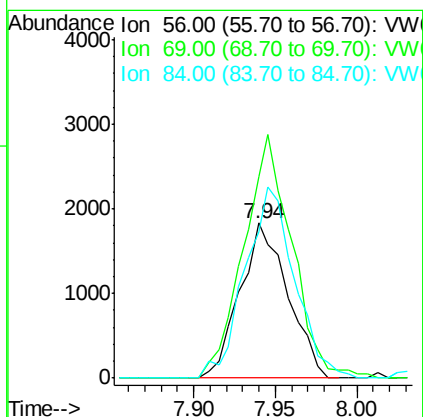
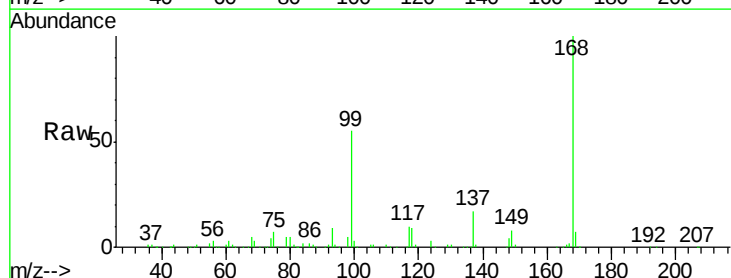
Tgt Ion: 56 Resp: 3756

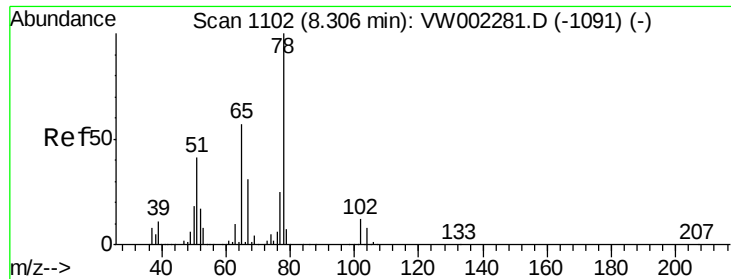
Ion Ratio Lower Upper

56 100

69 129.9 26.2 39.4#

84 94.2 69.2 103.8

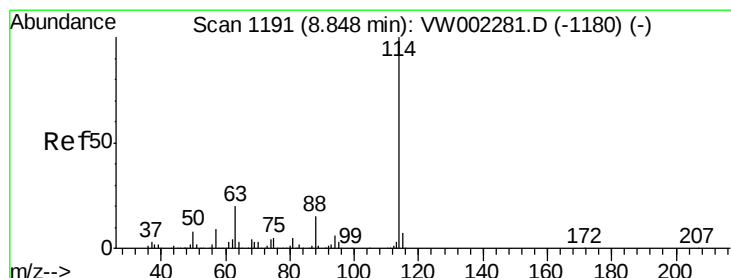
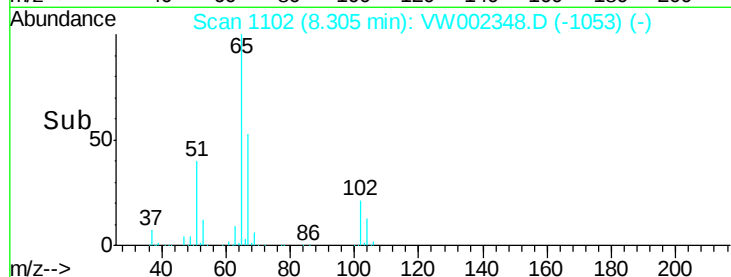
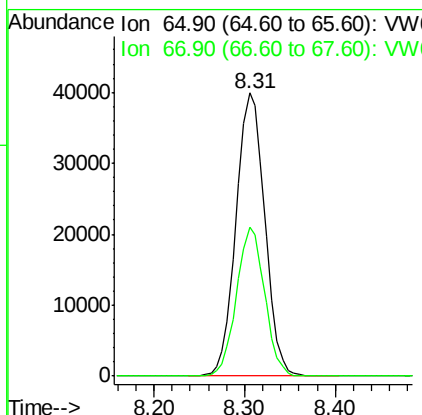
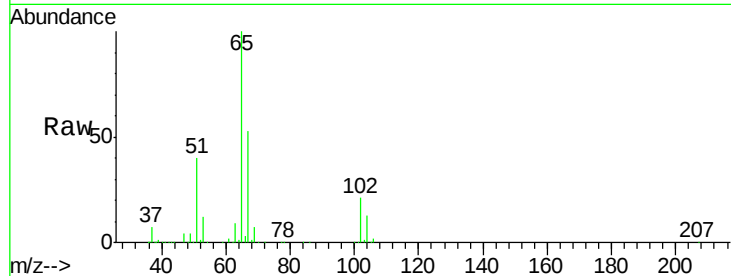




#33
 1,2-Dichloroethane-d4
 Concen: 45.74 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002348.D
 Acq: 10 May 2018 00:55

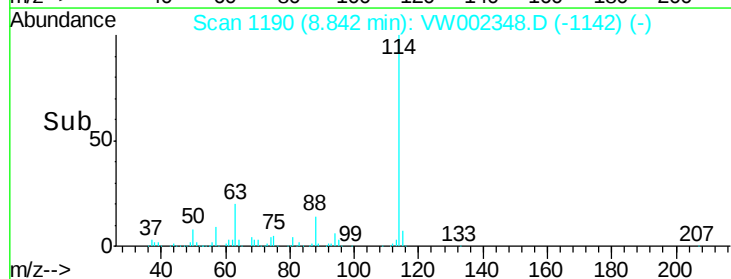
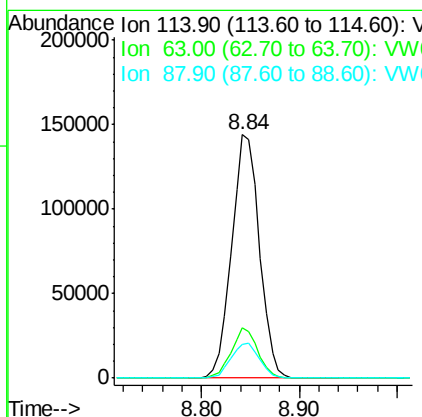
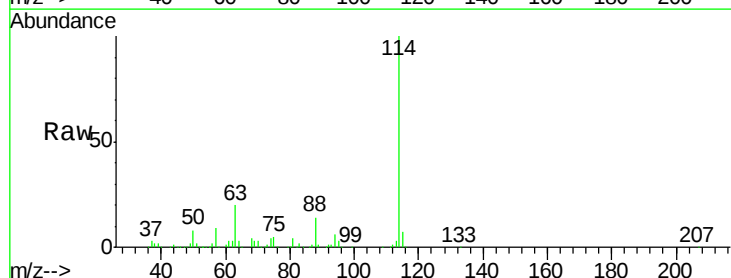
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-01-003-B

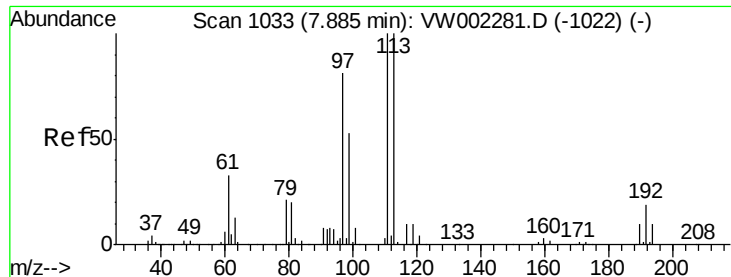
Tgt Ion: 65 Resp: 87759
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002348.D
 Acq: 10 May 2018 00:55

Tgt Ion: 114 Resp: 282781
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 14.1 0.0 29.6

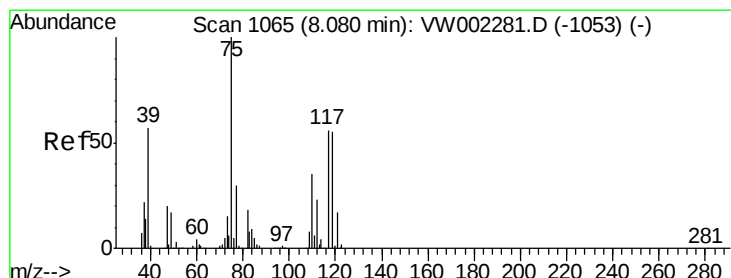
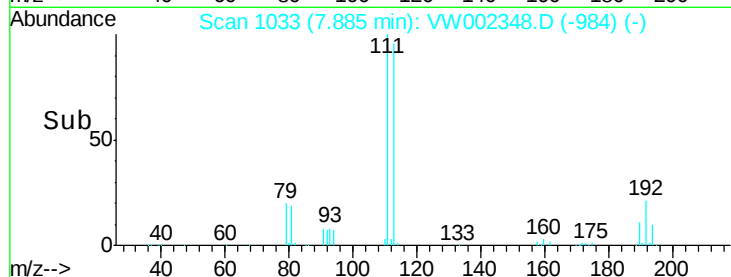
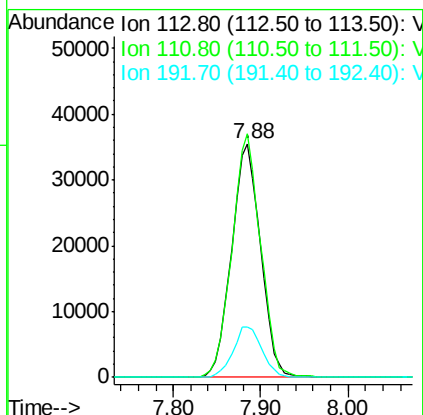
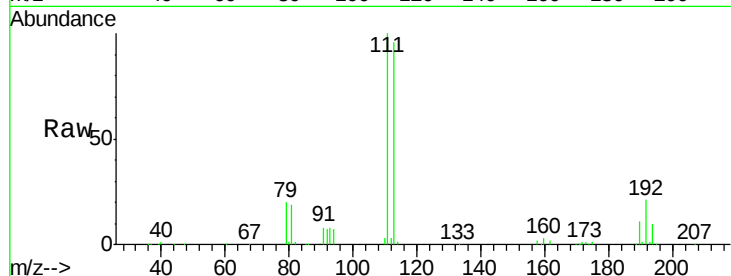




#35
 Dibromofluoromethane
 Concen: 45.25 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002348.D
 Acq: 10 May 2018 00:55

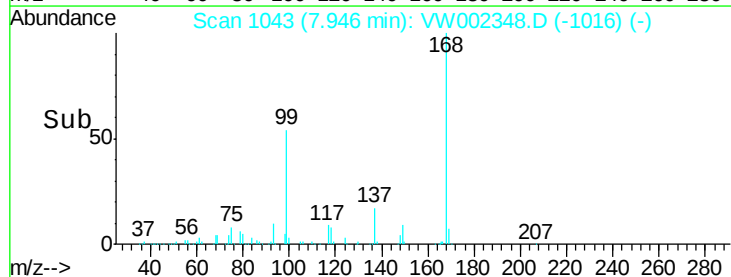
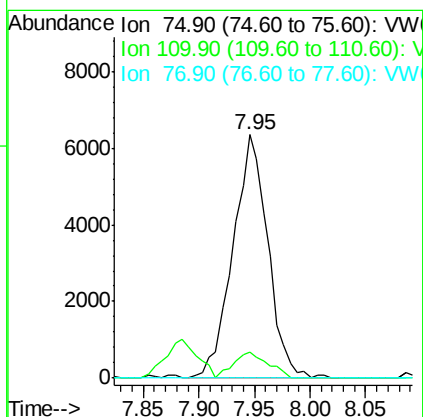
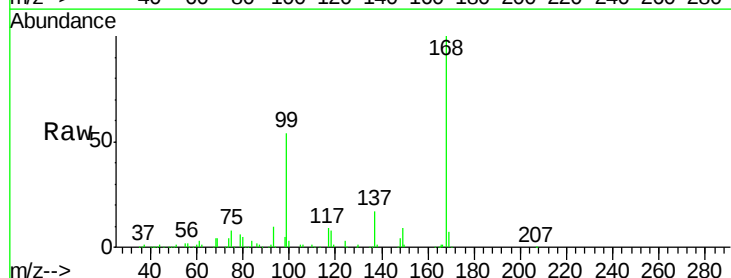
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-01-003-B

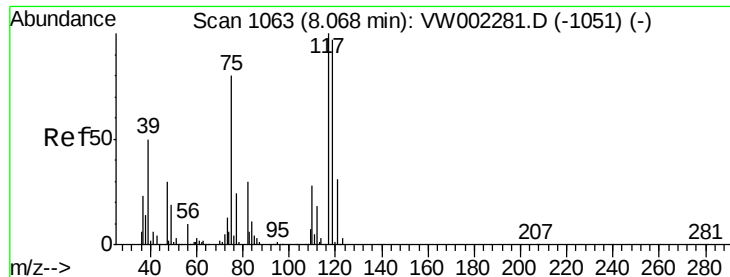
Tgt Ion: 113 Resp: 82011
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 21.6 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.40 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW002348.D
 Acq: 10 May 2018 00:55

Tgt Ion: 75 Resp: 13822
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.1 54.1#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.50 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-01-003-B

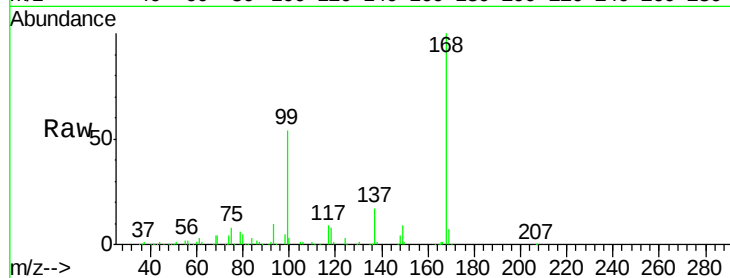
Tgt Ion:117 Resp: 16067

Ion Ratio Lower Upper

117 100

119 5.9 77.5 116.3#

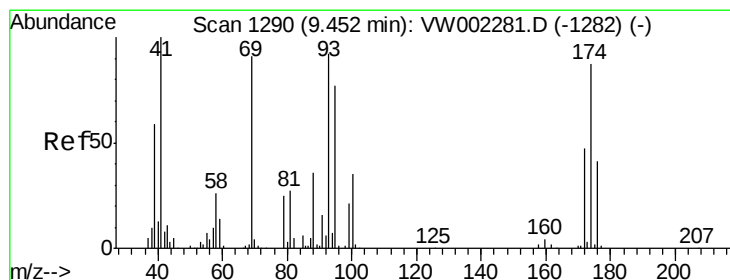
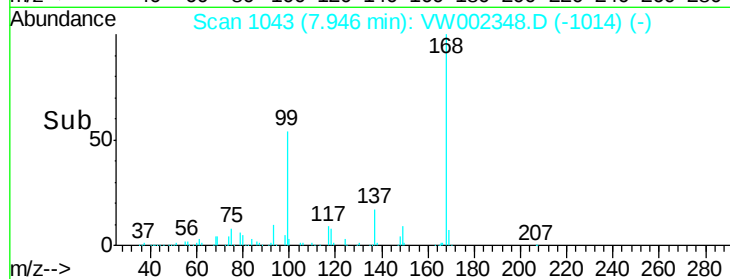
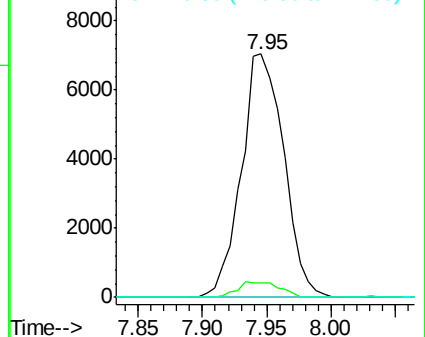
121 0.0 24.4 36.6#



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



#49

1,4-Dioxane

Concen: 1.32 ug/l

RT: 9.17 min Scan# 1244

Delta R.T. -0.28 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

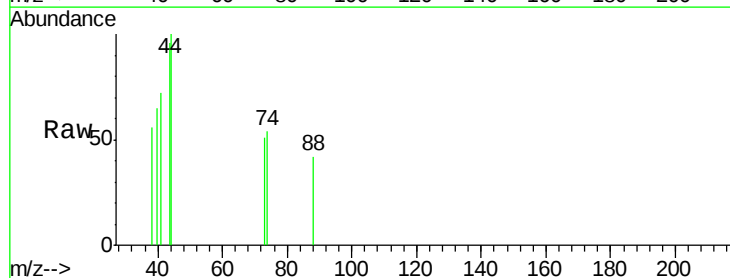
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 26.3 39.5#

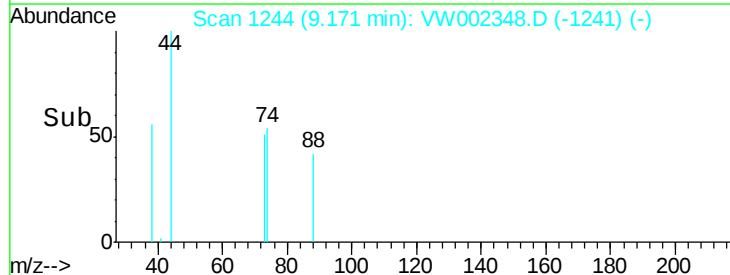
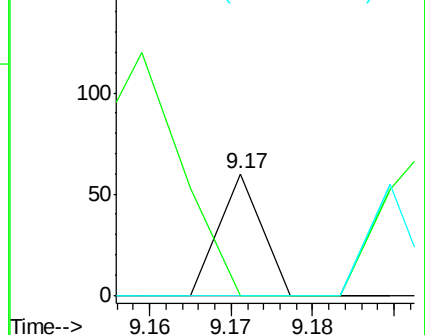
58 0.0 56.0 84.0#

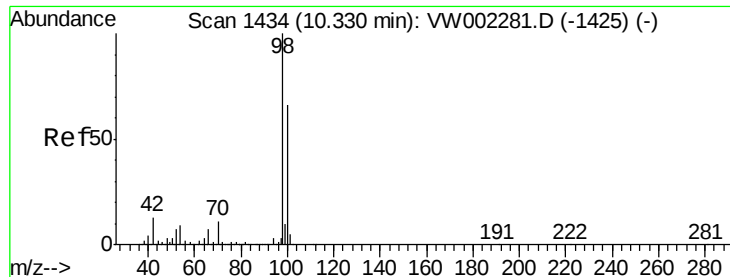


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 37.82 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

Instrument :

MSVOA_W

ClientSampleId :

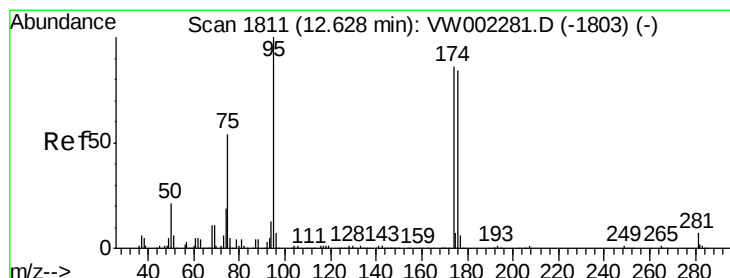
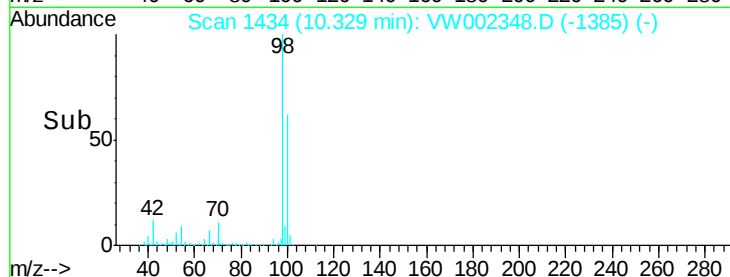
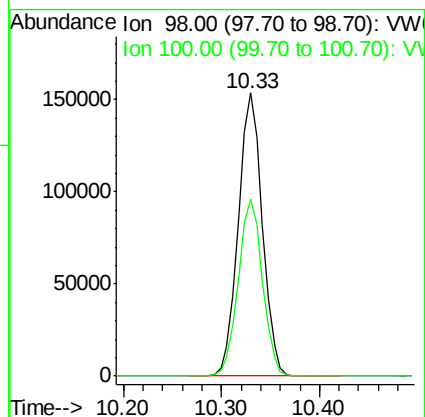
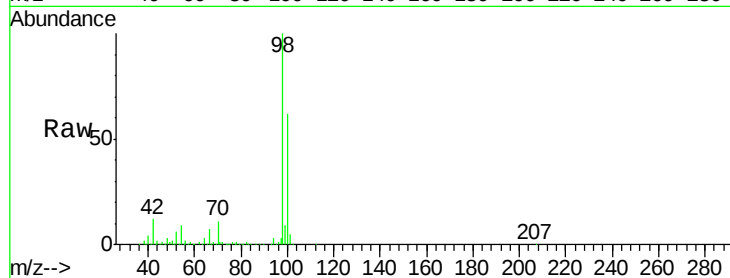
FK-GF-01-003-B

Tgt Ion: 98 Resp: 261431

Ion Ratio Lower Upper

98 100

100 62.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 34.93 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002348.D

Acq: 10 May 2018 00:55

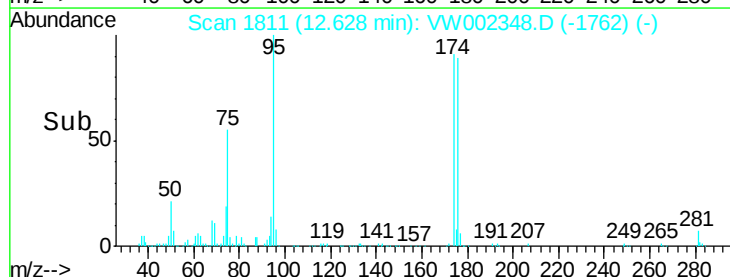
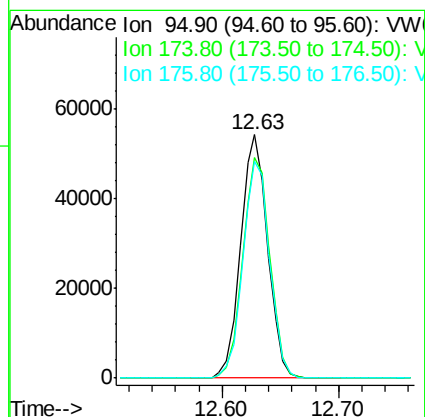
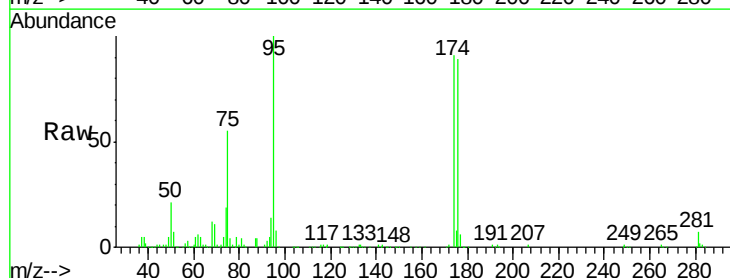
Tgt Ion: 95 Resp: 87255

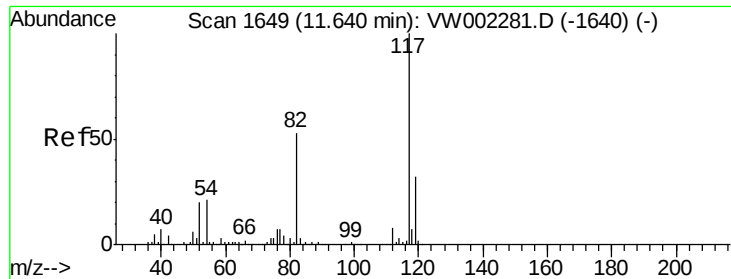
Ion Ratio Lower Upper

95 100

174 91.4 0.0 176.8

176 88.3 0.0 170.4

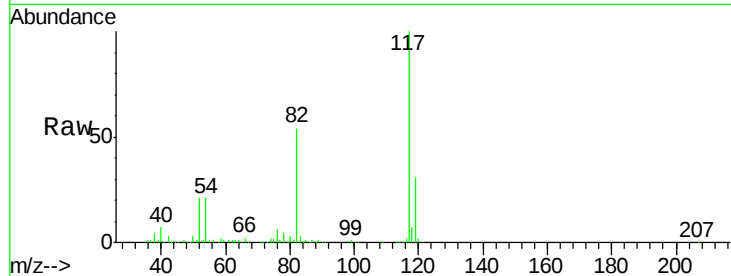




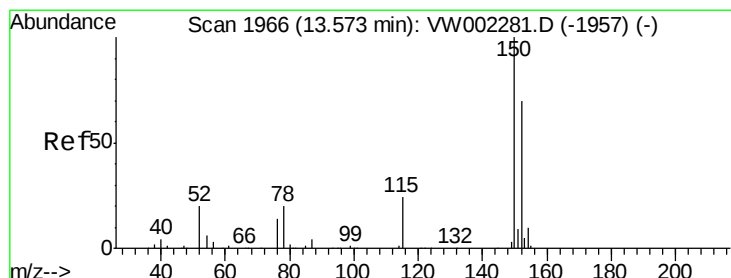
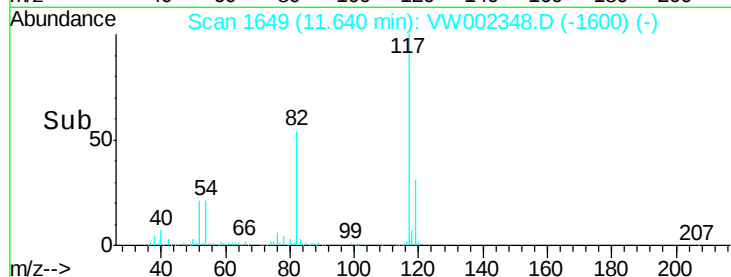
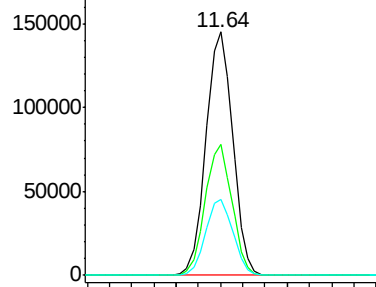
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002348.D
Acq: 10 May 2018 00:55

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-01-003-B

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.6	63.8
119	31.1	25.2	37.8

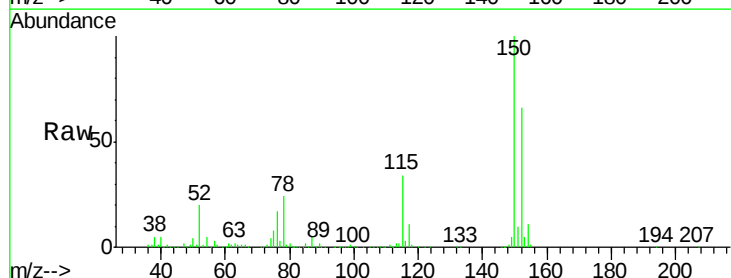


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

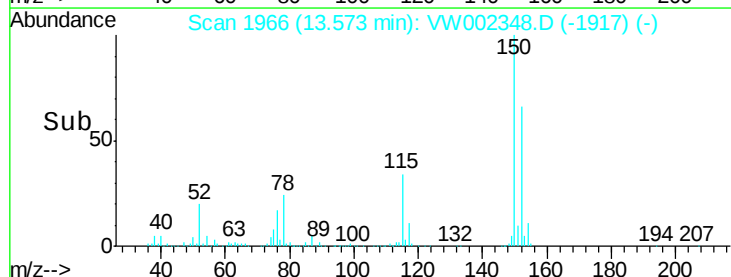
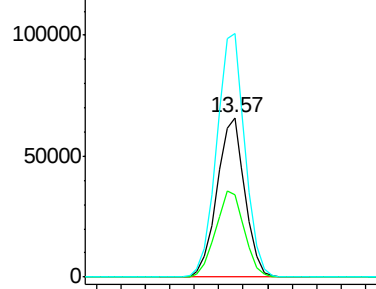


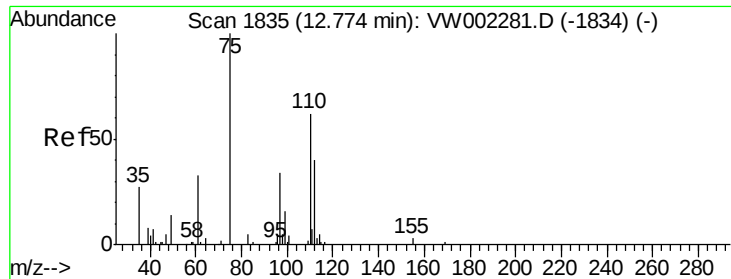
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002348.D
Acq: 10 May 2018 00:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	28.5	85.5
150	155.6	0.0	342.6



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

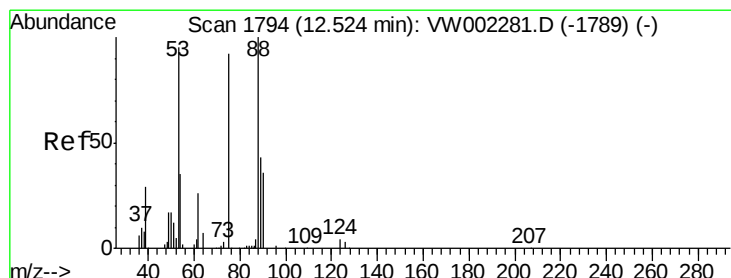
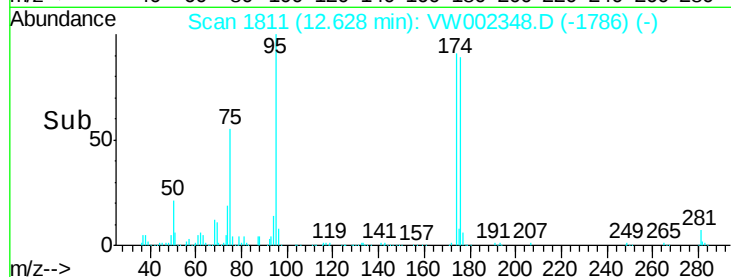
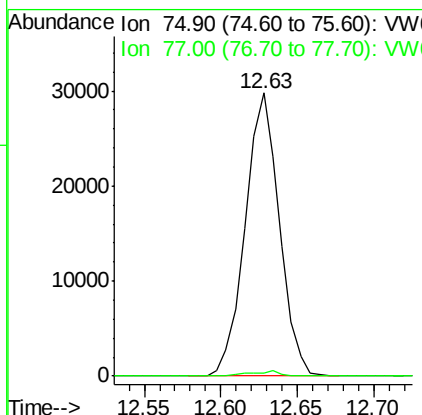
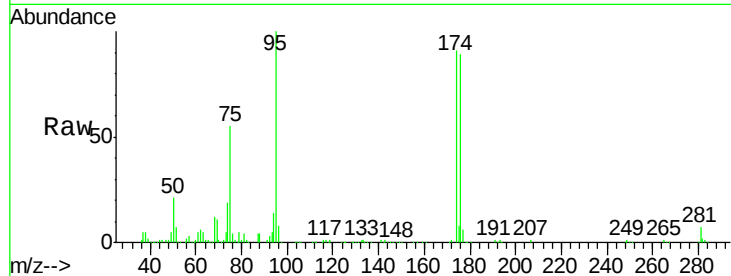




#76
 1,2,3-Trichloropropane
 Concen: 50.02 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW002348.D
 Acq: 10 May 2018 00:55

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-01-003-B

Tgt Ion: 75 Resp: 46091
 Ion Ratio Lower Upper
 75 100
 77 1.8 187.5 562.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.77 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW002348.D
 Acq: 10 May 2018 00:55

Tgt Ion: 75 Resp: 46091
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.9 119.9#
 89 0.1 37.6 56.4#

