

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010719.D
 Acq On : 06 Jun 2019 19:30
 Operator : SY/VA
 Sample : K3248-04
 Misc : 6.25G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-042-B

Quant Time: Jun 07 07:40:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	302313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	144581	62.29	ug/l	0.00
Spiked Amount						
			Recovery	=	124.58%	
35) Dibromofluoromethane	7.88	113	98954	53.47	ug/l	0.00
Spiked Amount						
			Recovery	=	106.94%	
50) Toluene-d8	10.32	98	442341	54.51	ug/l	0.00
Spiked Amount						
			Recovery	=	109.02%	
62) 4-Bromofluorobenzene	12.62	95	158412	53.64	ug/l	0.00
Spiked Amount						
			Recovery	=	107.28%	

Target Compounds

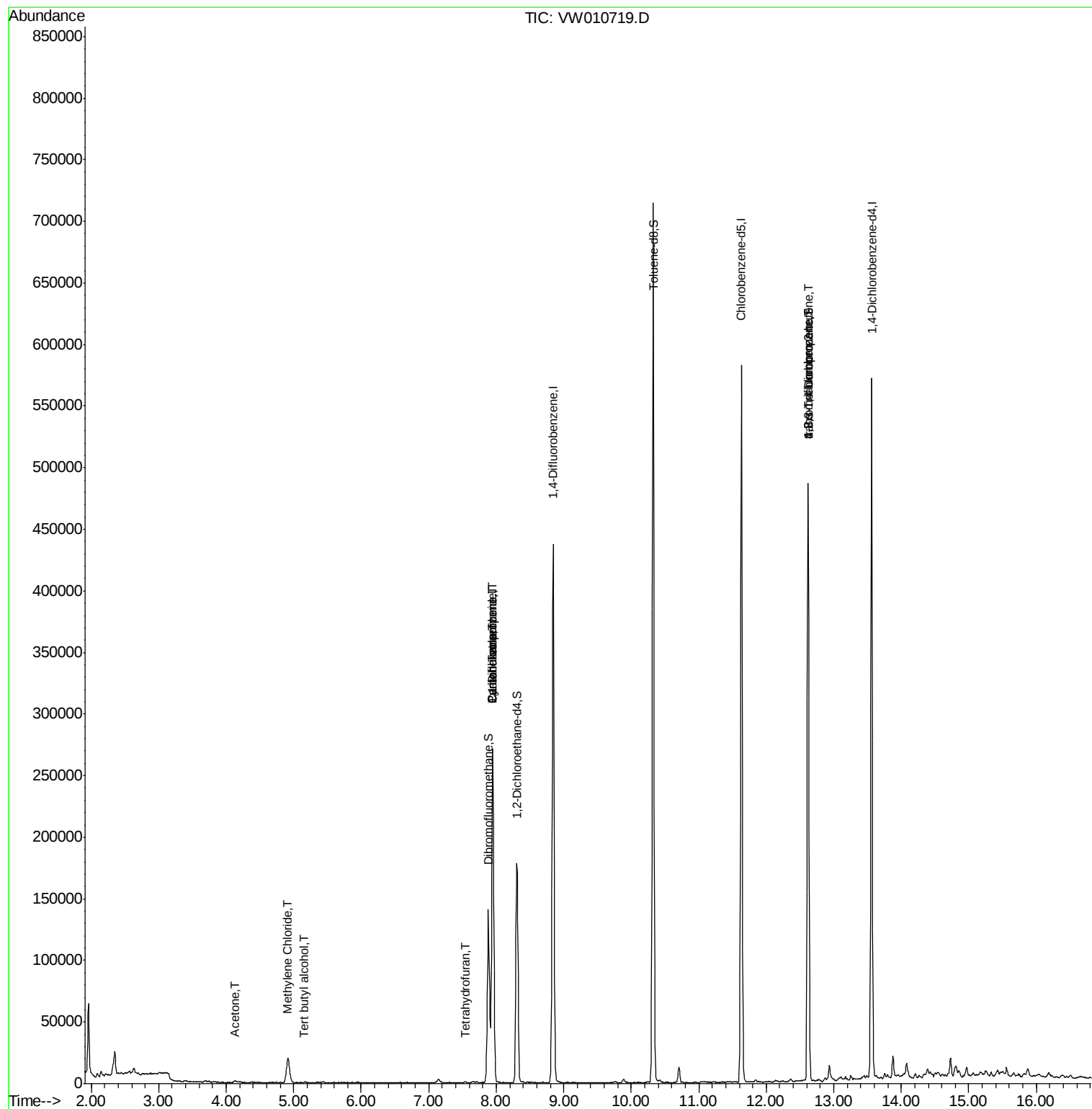
						Qvalue
11) Tert butyl alcohol	5.16	59	196	1.037	ug/l #	90
16) Acetone	4.14	43	2880	4.631	ug/l	94
20) Methylene Chloride	4.92	84	14294	6.552	ug/l	98
29) Tetrahydrofuran	7.53	42	558	1.029	ug/l #	73
31) Cyclohexane	7.95	56	5114	1.092	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	17230	4.937	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20029	6.648	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	86662	60.588	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86662	139.250	ug/l #	5

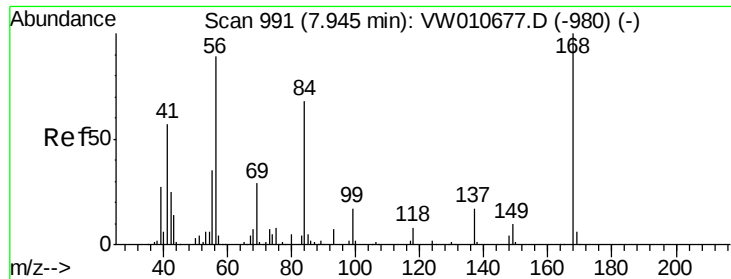
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010719.D

Acq: 06 Jun 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

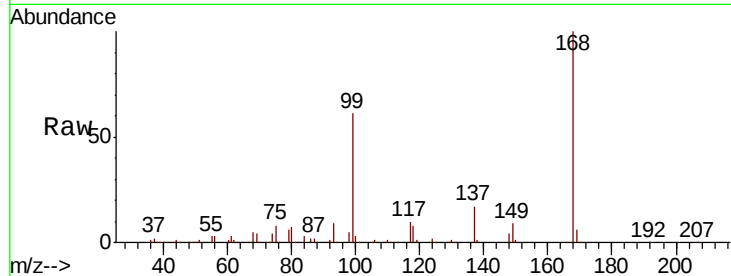
FK-GF-02-042-B

Tot Ion:168 Resp: 196919

Ion Ratio Lower Upper

168 100

99 60.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

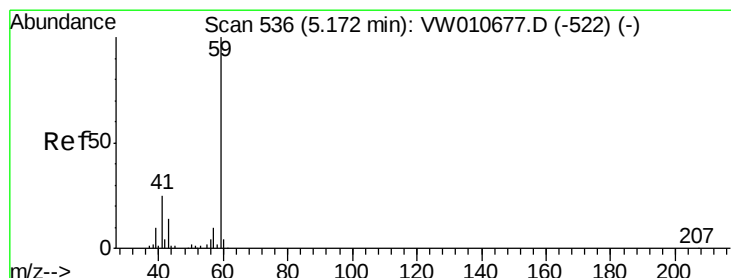
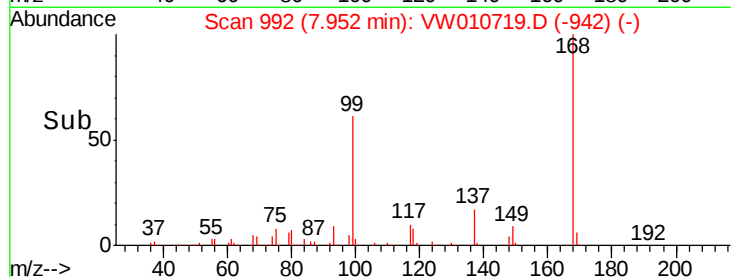
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.037 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.01 min

Lab File: VW010719.D

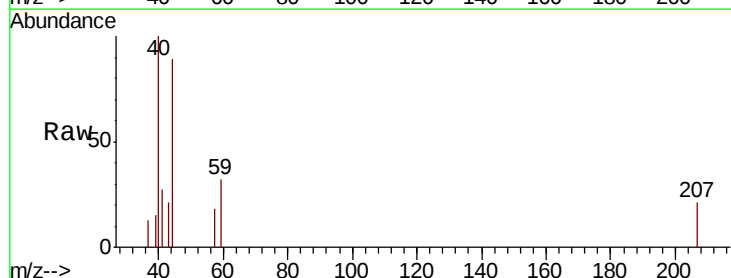
Acq: 06 Jun 2019 19:30

Tgt Ion: 59 Resp: 196

Ion Ratio Lower Upper

59 100

57 14.3 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

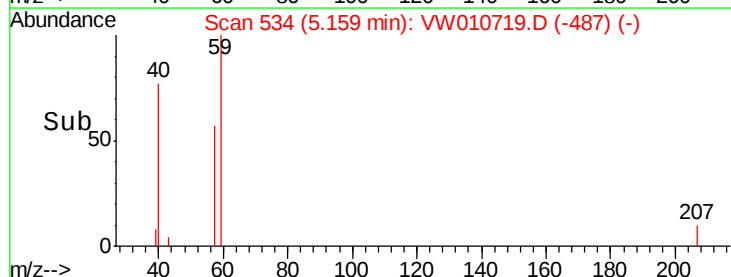
150

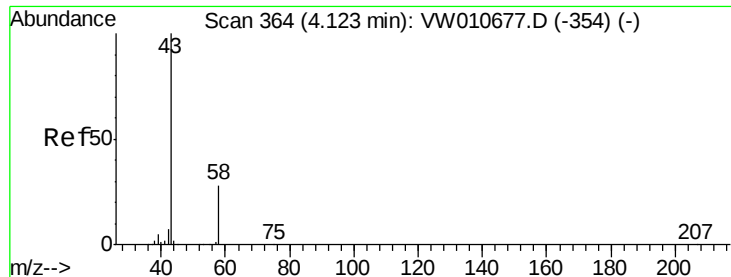
100

50

0

Time-->





#16

Acetone

Concen: 4.631 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010719.D

Acq: 06 Jun 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

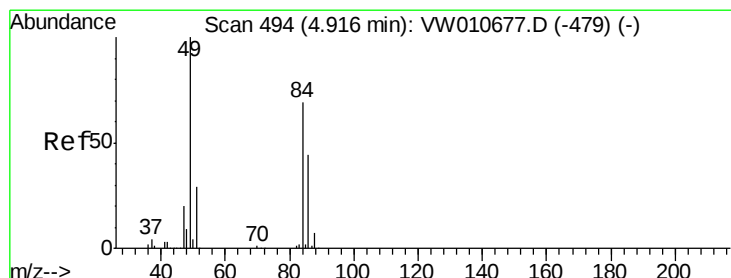
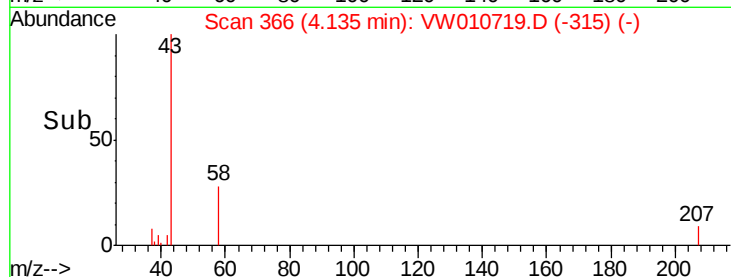
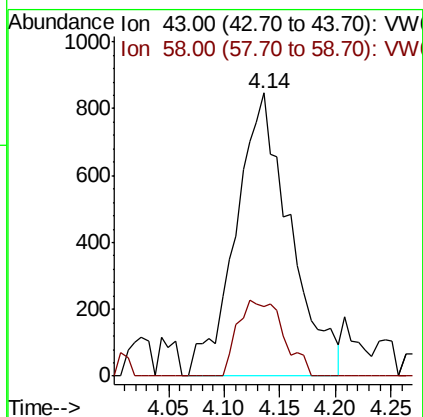
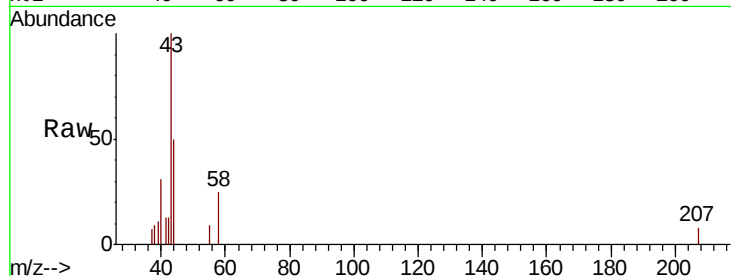
FK-GF-02-042-B

Tot Ion: 43 Resp: 2880

Ion Ratio Lower Upper

43 100

58 24.6 22.1 33.1



#20

Methylene Chloride

Concen: 6.552 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010719.D

Acq: 06 Jun 2019 19:30

Tgt Ion: 84 Resp: 14294

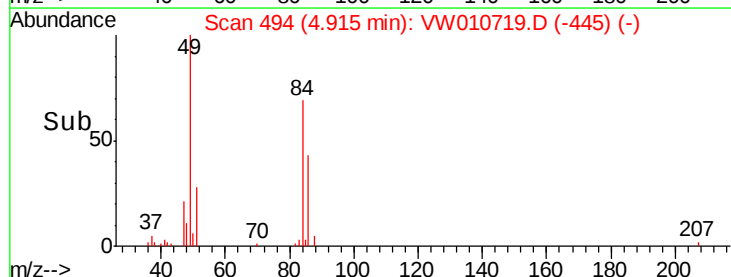
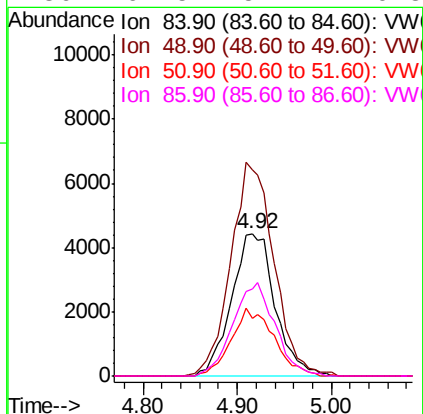
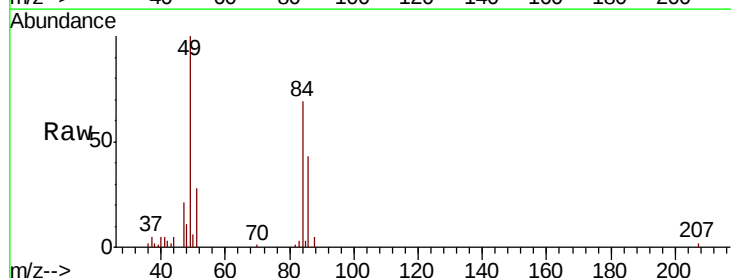
Ion Ratio Lower Upper

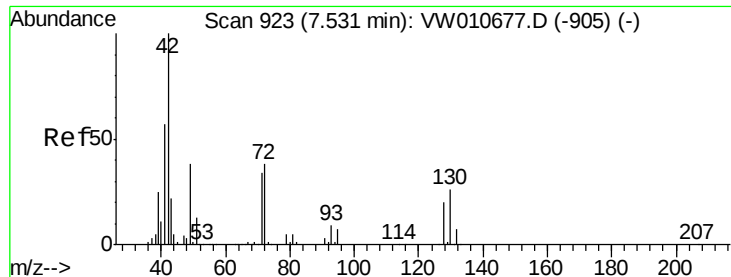
84 100

49 144.3 116.7 175.1

51 40.3 34.2 51.2

86 61.5 51.2 76.8

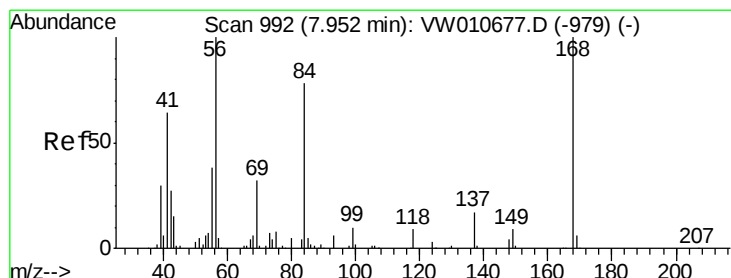
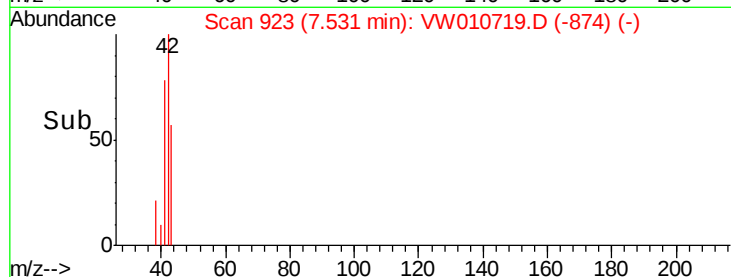
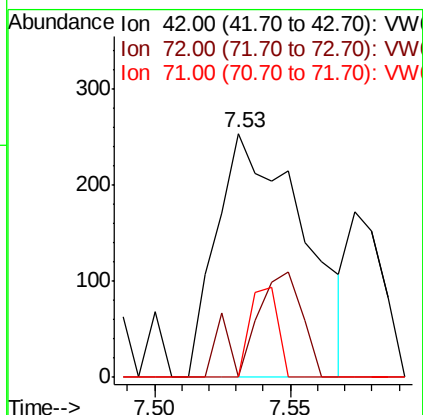
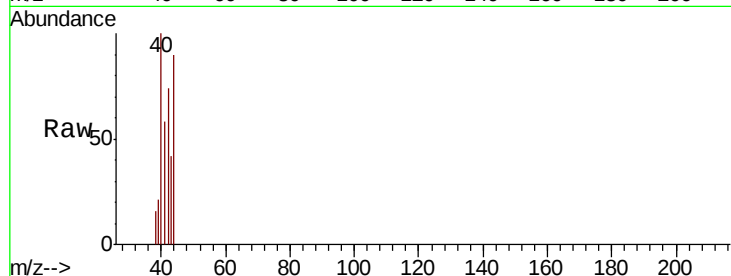




#29
Tetrahydrofuran
Concen: 1.029 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010719.D
Acq: 06 Jun 2019 19:30

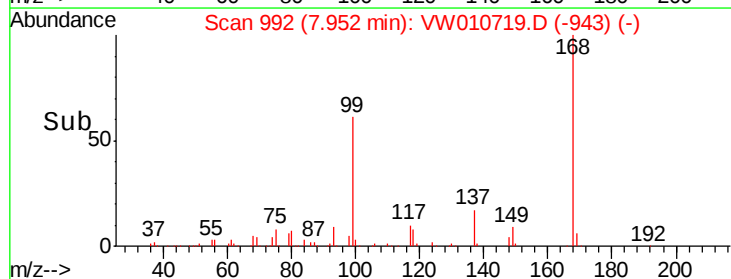
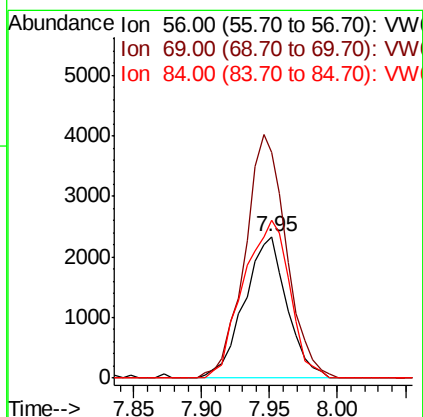
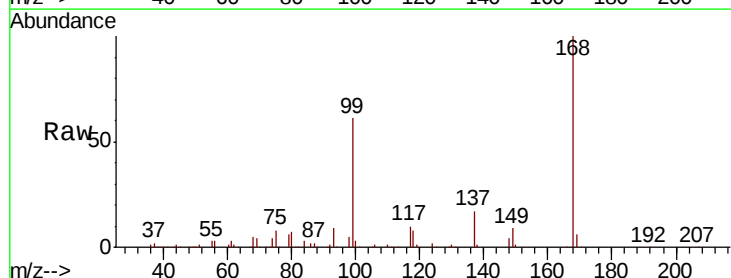
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-042-B

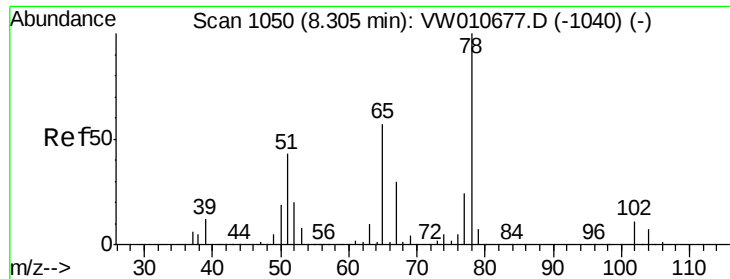
Tot Ion: 42 Resp: 558
Ion Ratio Lower Upper
42 100
72 25.4 28.7 43.1#
71 11.8 26.6 39.8#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010719.D
Acq: 06 Jun 2019 19:30

Tgt Ion: 56 Resp: 5114
Ion Ratio Lower Upper
56 100
69 159.5 25.2 37.8#
84 111.8 62.2 93.2#

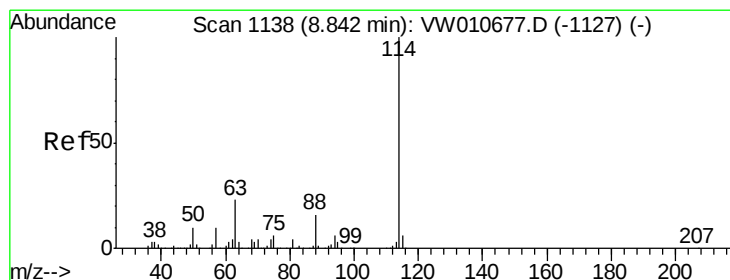
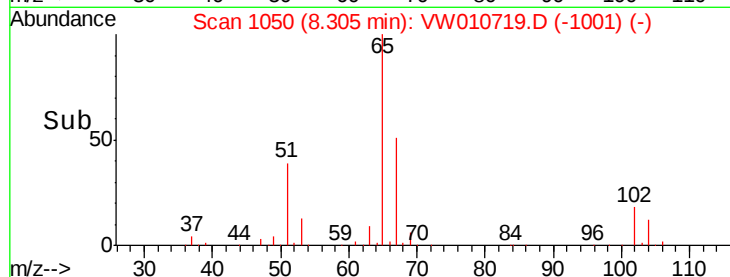
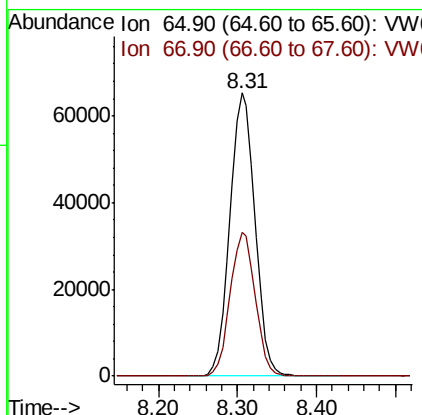
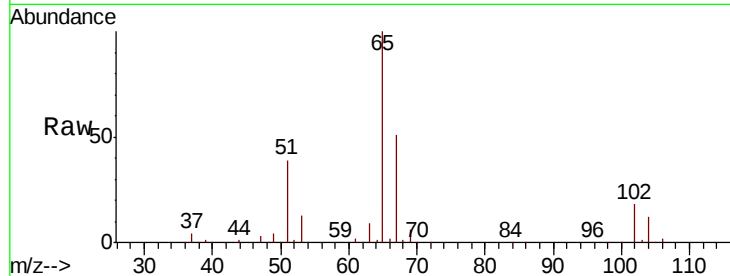




#33
 1,2-Dichloroethane-d4
 Concen: 62.292 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010719.D
 Acq: 06 Jun 2019 19:30

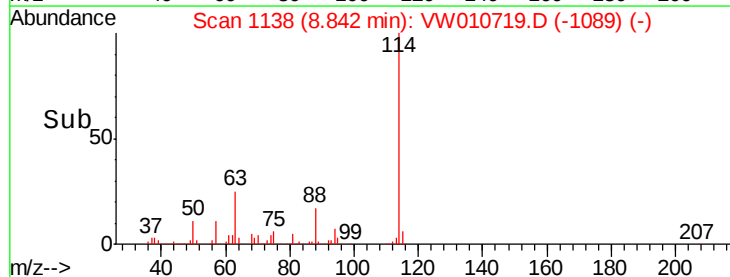
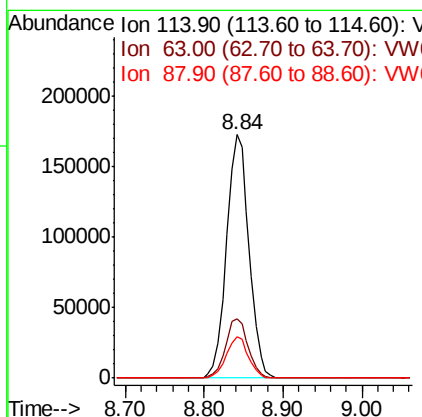
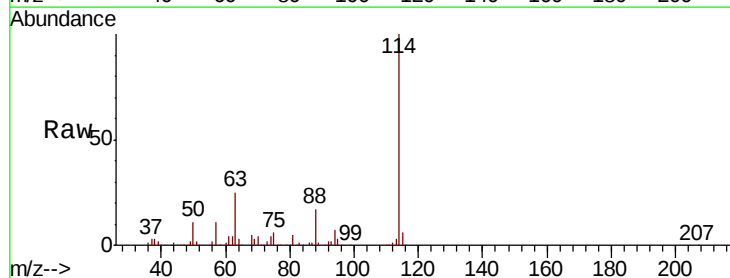
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-042-B

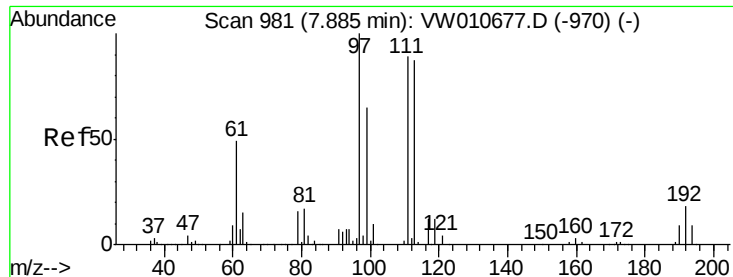
Tot Ion: 65 Resp: 144581
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010719.D
 Acq: 06 Jun 2019 19:30

Tgt Ion: 114 Resp: 340968
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 46.4
 88 17.1 0.0 32.2

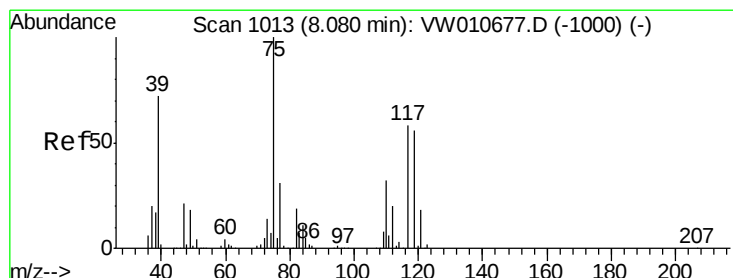
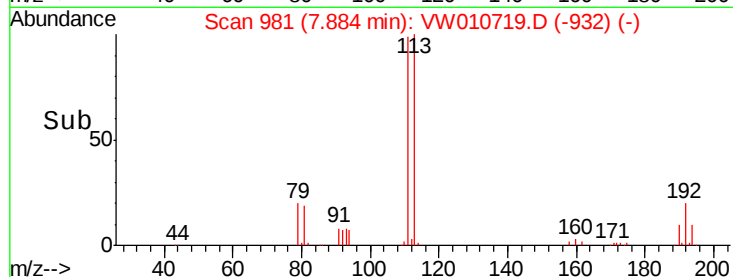
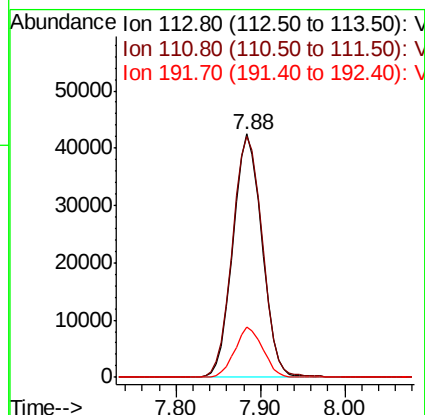
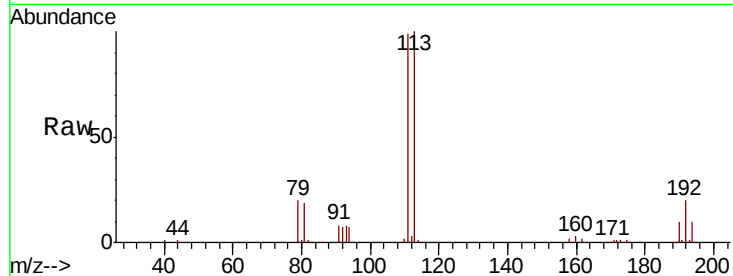




#35
 Dibromofluoromethane
 Concen: 53.468 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010719.D
 Acq: 06 Jun 2019 19:30

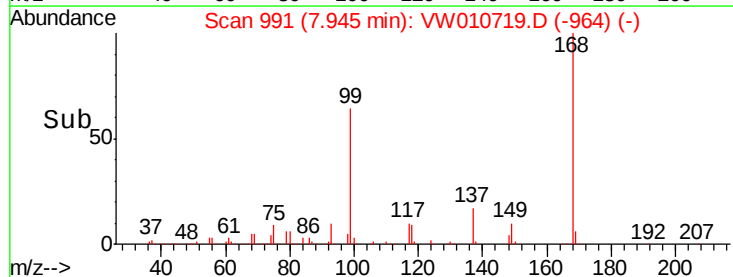
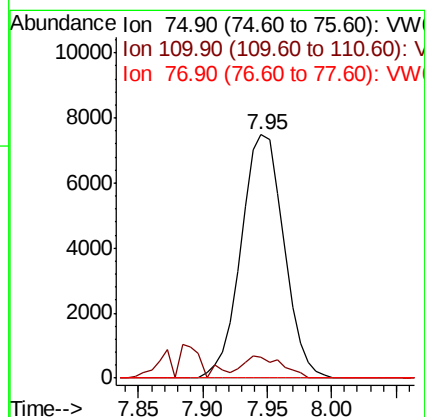
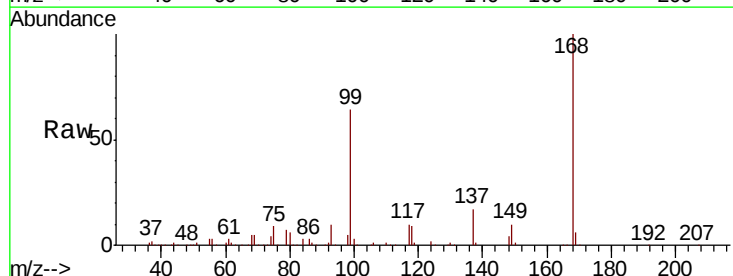
Instrument :
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 ClientSampleId :
 FK-GF-02-042-B

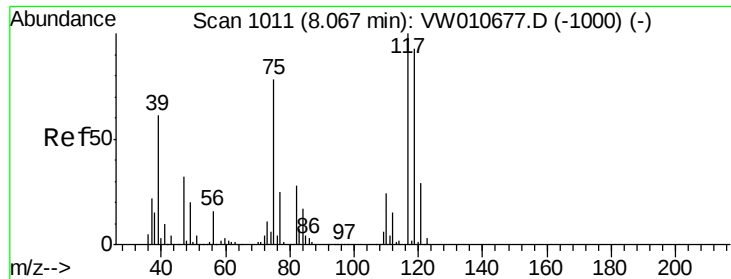
Tot Ion:113 Resp: 98954
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 19.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.937 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010719.D
 Acq: 06 Jun 2019 19:30

Tgt Ion: 75 Resp: 17230
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.8 47.3#
 77 0.0 24.7 37.1#

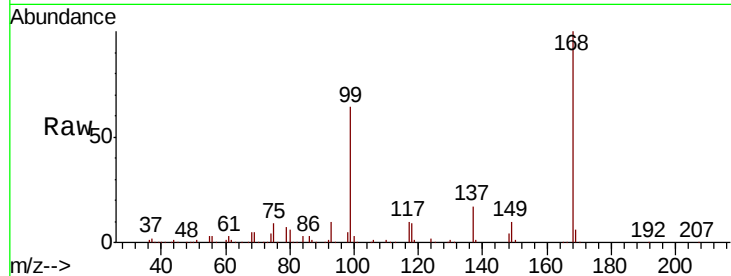




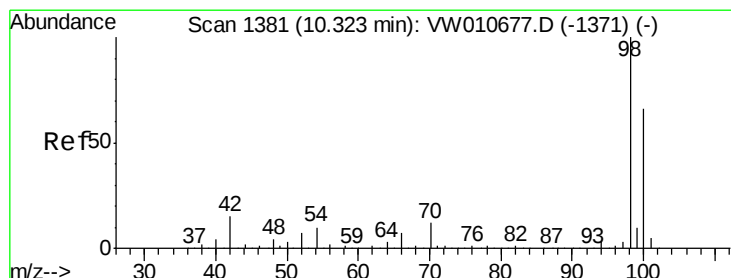
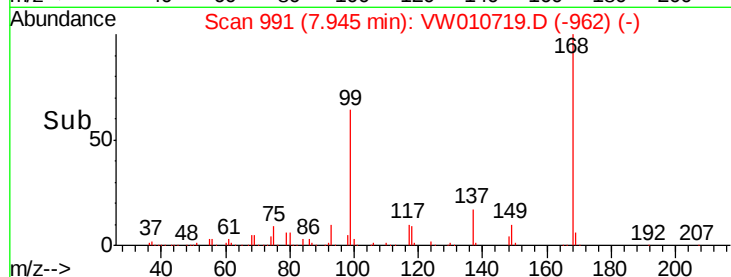
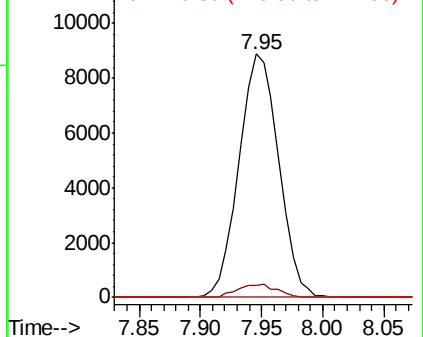
#38
Carbon Tetrachloride
Concen: 6.648 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010719.D
Acq: 06 Jun 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-042-B

Tot Ion:117 Resp: 20029
Ion Ratio Lower Upper
117 100
119 4.9 74.2 111.4#
121 0.0 22.9 34.3#

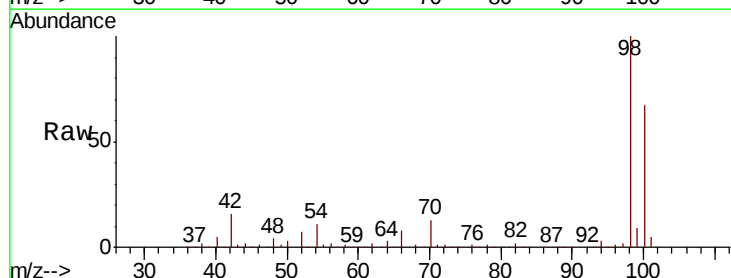


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

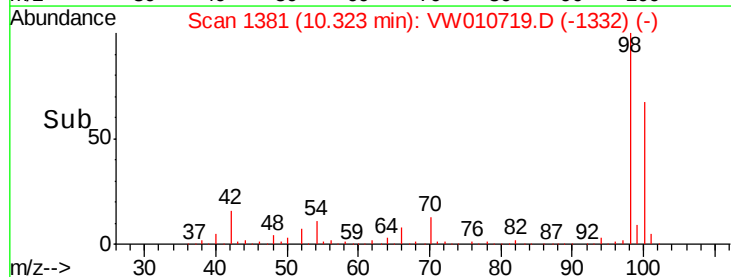
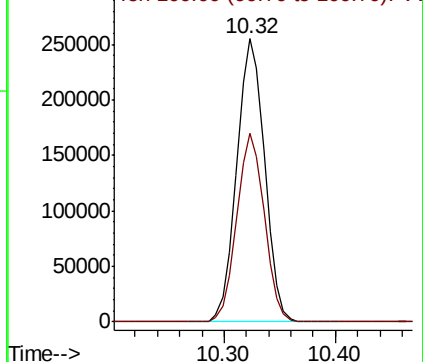


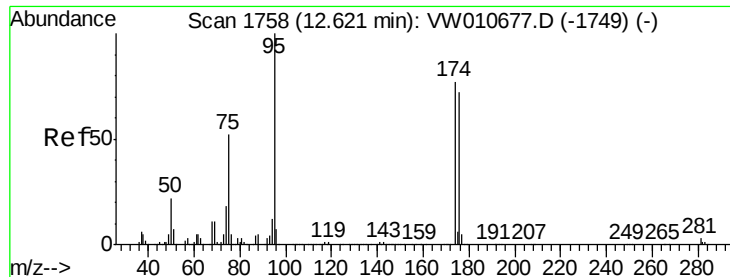
#50
Toluene-d8
Concen: 54.505 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010719.D
Acq: 06 Jun 2019 19:30

Tgt Ion: 98 Resp: 442341
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

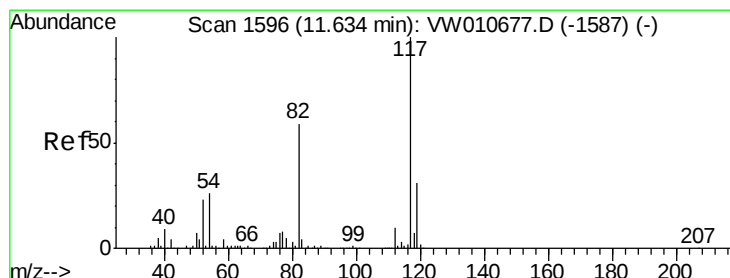
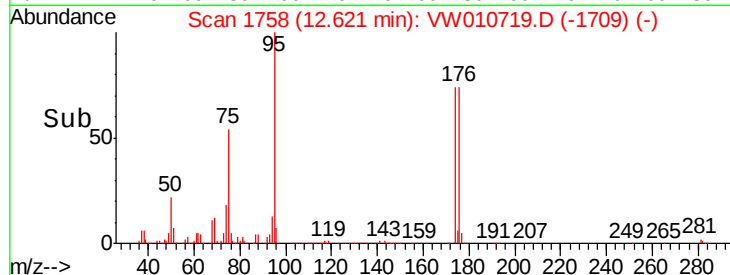
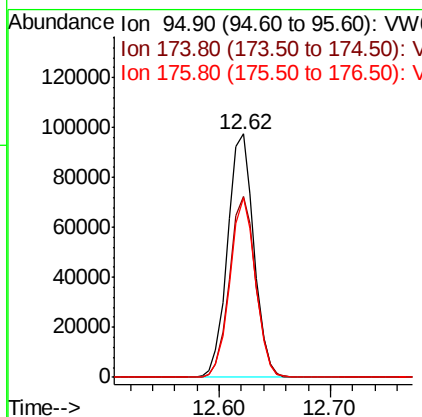
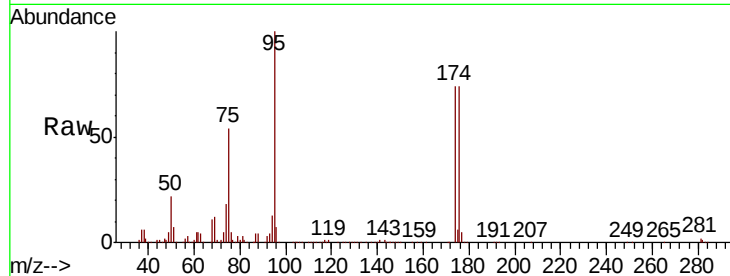




#62
4-Bromofluorobenzene
Concen: 53.642 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010719.D
Acq: 06 Jun 2019 19:30

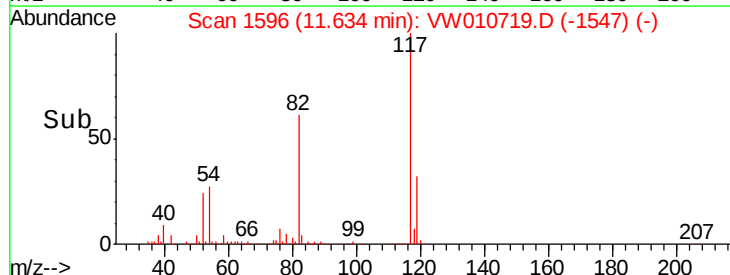
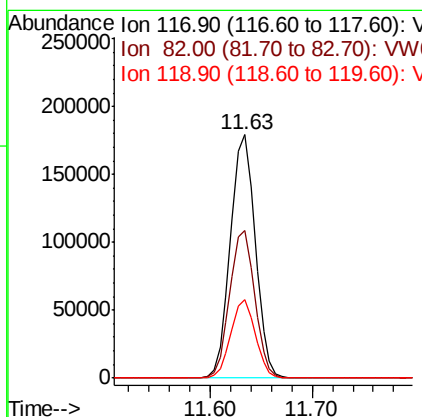
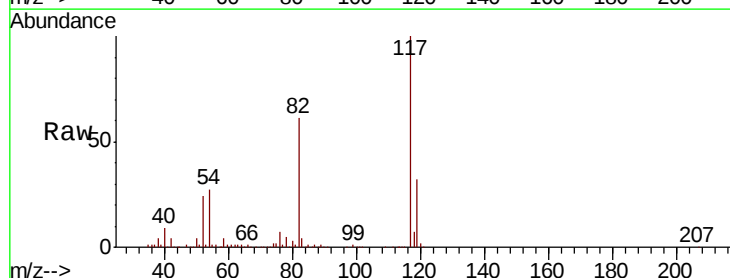
Instrument :
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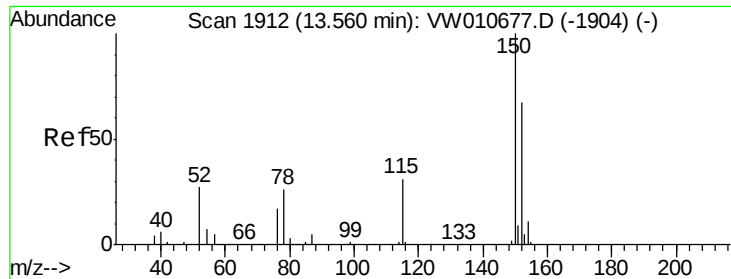
Tot Ion: 95 Resp: 158412
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 71.9 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010719.D
Acq: 06 Jun 2019 19:30

Tgt Ion: 117 Resp: 302313
Ion Ratio Lower Upper
117 100
82 60.5 47.0 70.4
119 32.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010719.D

Acq: 06 Jun 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-042-B

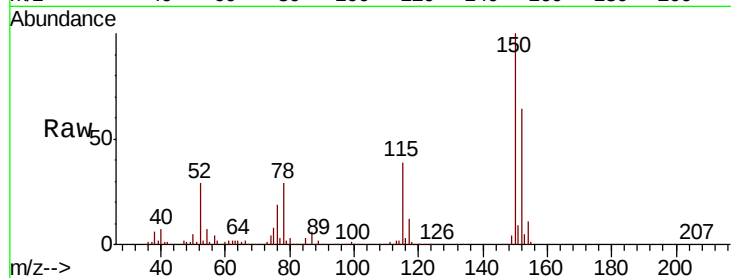
Tot Ion:152 Resp: 136207

Ion Ratio Lower Upper

152 100

115 59.9 29.8 89.3

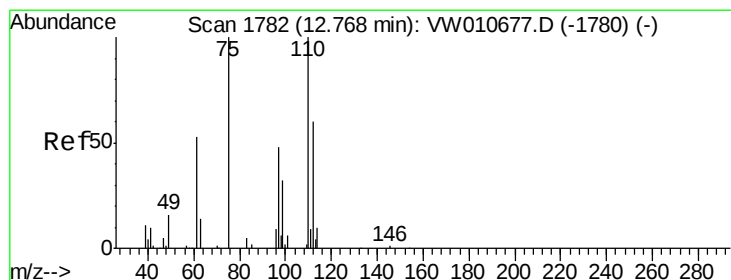
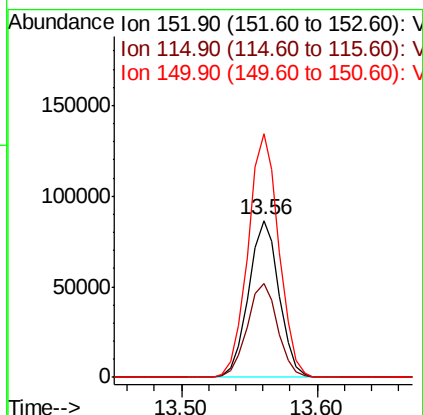
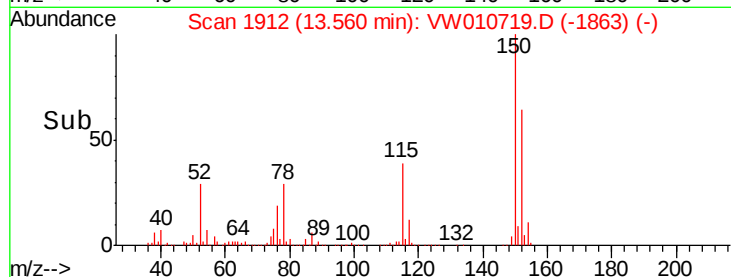
150 156.3 0.0 345.0



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: 60.588 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010719.D

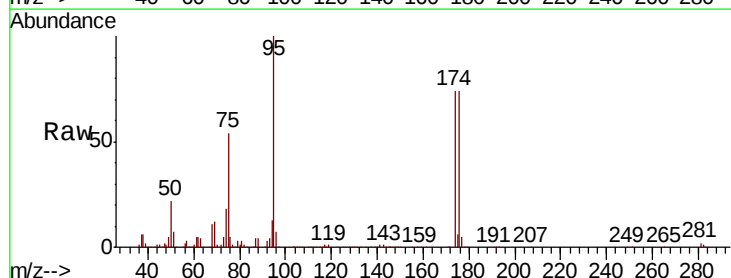
Acq: 06 Jun 2019 19:30

Tgt Ion: 75 Resp: 86662

Ion Ratio Lower Upper

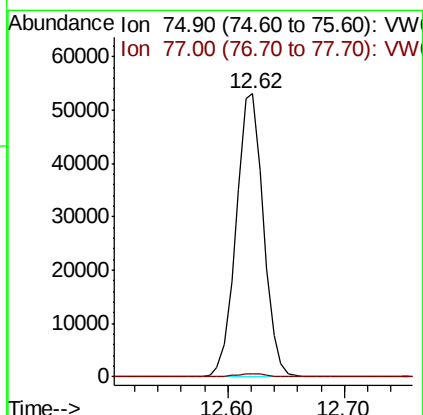
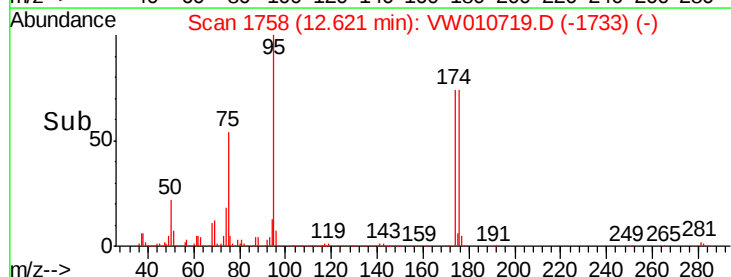
75 100

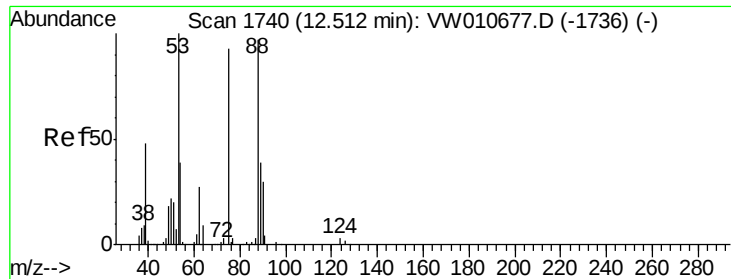
77 1.2 0.0 0.0#



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: 139.250 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010719.D

Acq: 06 Jun 2019 19:30

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-042-B

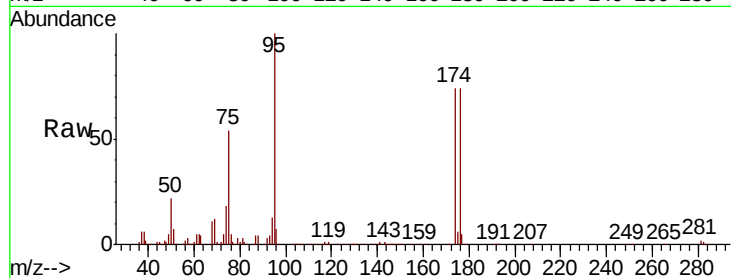
Tot Ion: 75 Resp: 86662

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

