

Data File : VW010727.D
Acq On : 07 Jun 2019 14:24
Operator : SY/VA
Sample : K3247-02RE
Misc : 3.81G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-041-A

Quant Time: Jun 08 02:39:42 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	206577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142138	58.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.76%	
35) Dibromofluoromethane	7.88	113	104923	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
50) Toluene-d8	10.32	98	461568	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
62) 4-Bromofluorobenzene	12.62	95	151640	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds

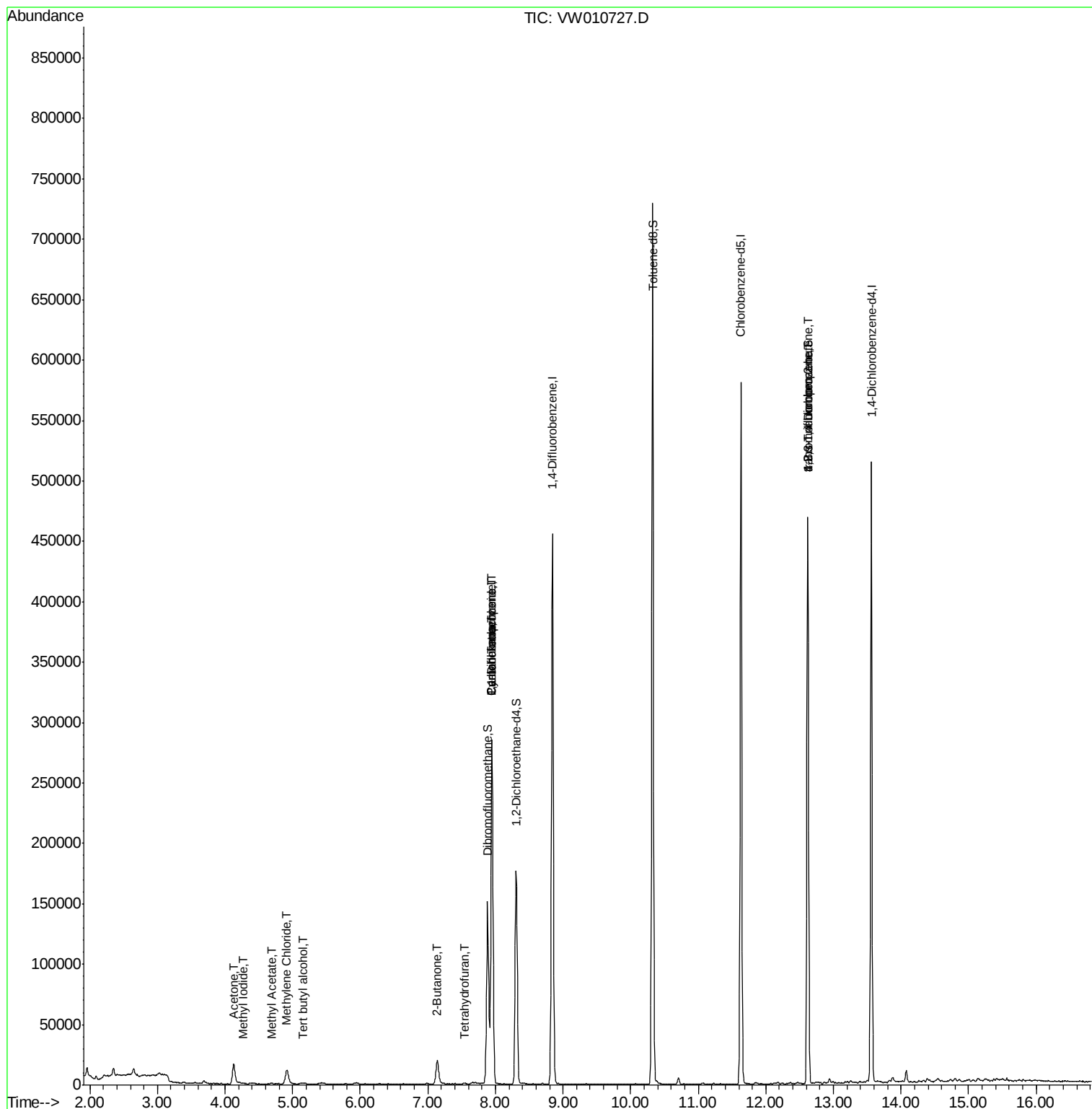
						Qvalue
10) Methyl Iodide	4.27	142	111	4.845	ug/l #	65
11) Tert butyl alcohol	5.16	59	993	5.006	ug/l #	90
16) Acetone	4.13	43	31090	47.654	ug/l	93
18) Methyl Acetate	4.68	43	1405	1.000	ug/l #	71
20) Methylene Chloride	4.92	84	8175	3.572	ug/l	93
25) 2-Butanone	7.14	43	1467	1.622	ug/l #	53
29) Tetrahydrofuran	7.54	42	692	1.216	ug/l #	55
31) Cyclohexane	7.95	56	5609	1.142	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17998	4.932	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20870	6.624	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	82788	64.885	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	82788	149.127	ug/l #	5

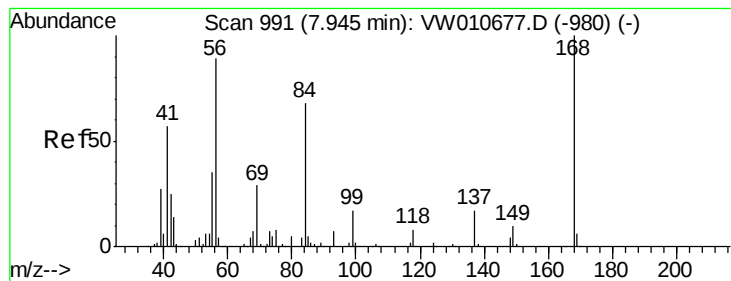
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW010727.D
Acq On : 07 Jun 2019 14:24
Operator : SY/VA
Sample : K3247-02RE
Misc : 3.81G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-041-A

Quant Time: Jun 08 02:39:42 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

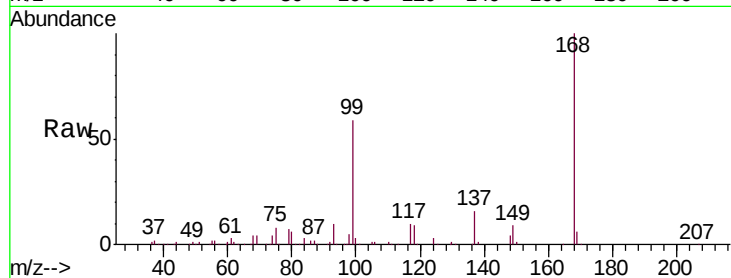
FK-GF-02-041-A

Tgt Ion:168 Resp: 206577

Ion Ratio Lower Upper

168 100

99 59.0 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

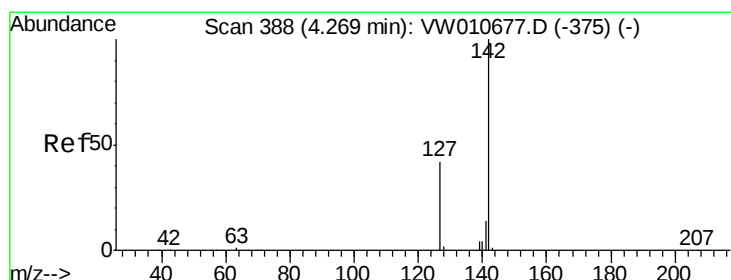
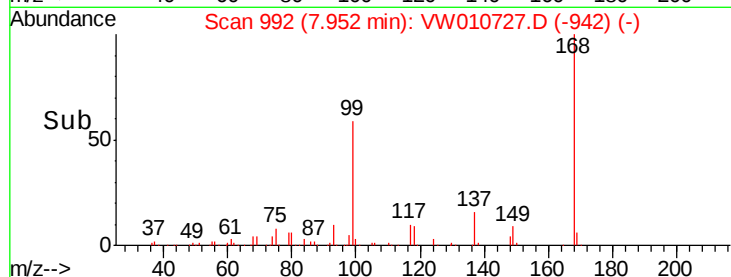
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.845 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

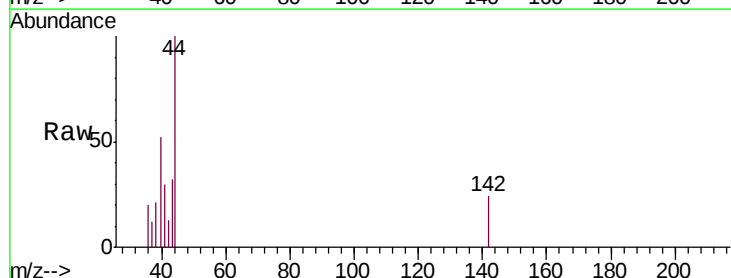
Tgt Ion:142 Resp: 111

Ion Ratio Lower Upper

142 100

127 20.7 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

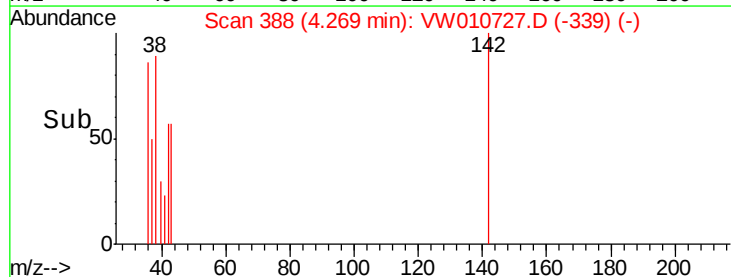
4.27

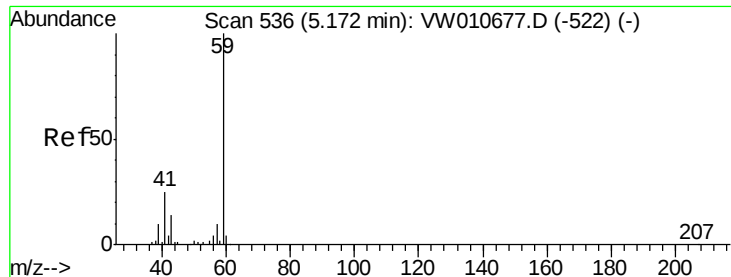
100

50

0

Time-->



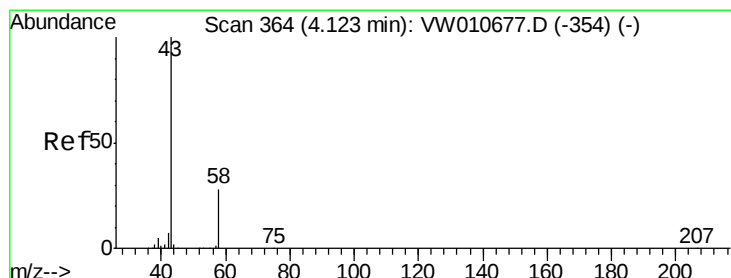
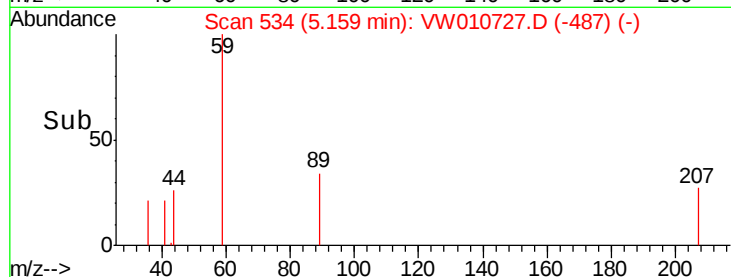
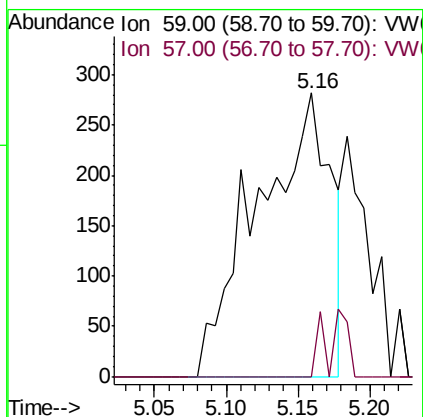
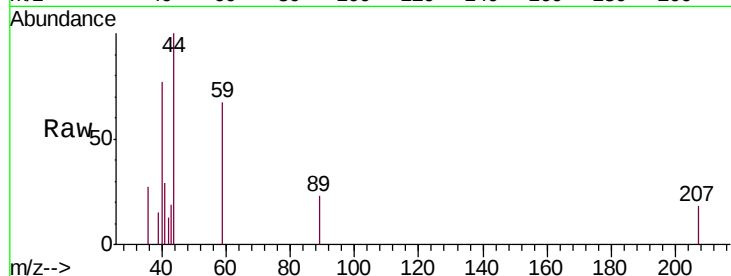


#11

Tert butyl alcohol
 Concen: 5.006 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VW010727.D
 Acq: 07 Jun 2019 14:24

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-041-A

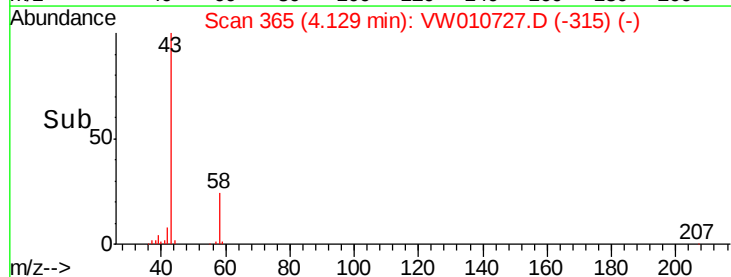
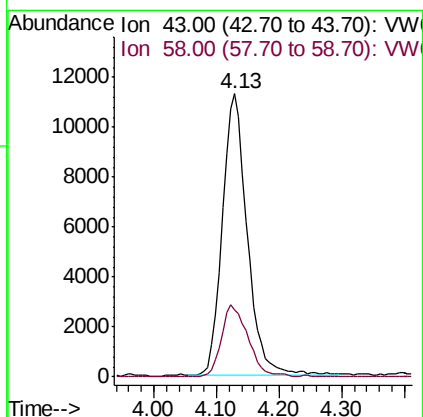
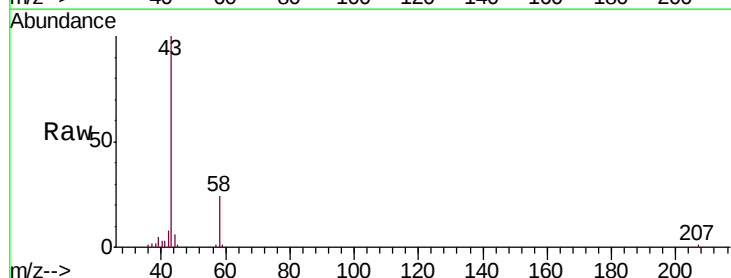
Tgt Ion: 59 Resp: 993
 Ion Ratio Lower Upper
 59 100
 57 6.8 8.6 12.8#

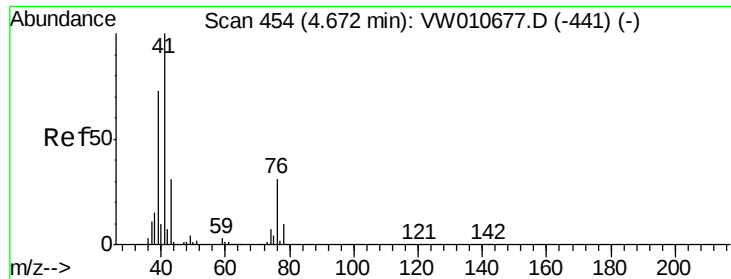


#16

Acetone
 Concen: 47.654 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW010727.D
 Acq: 07 Jun 2019 14:24

Tgt Ion: 43 Resp: 31090
 Ion Ratio Lower Upper
 43 100
 58 23.7 22.1 33.1

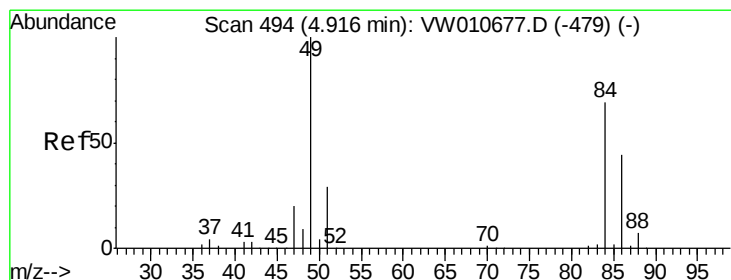
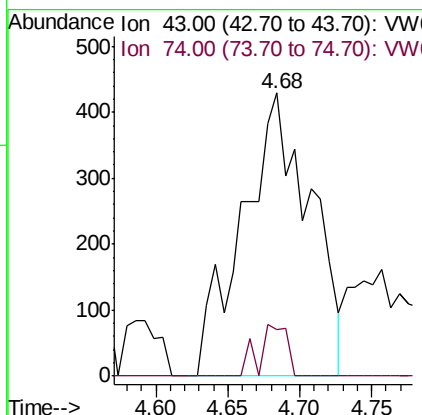
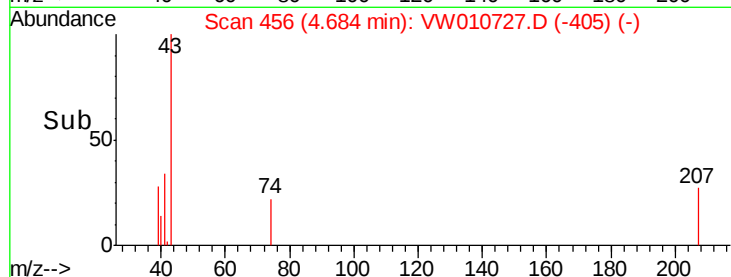
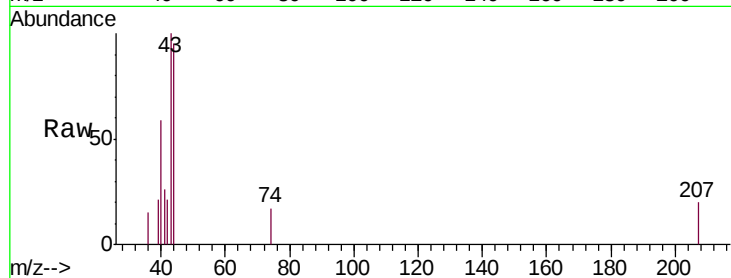




#18
Methyl Acetate
Concen: 1.000 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW010727.D
Acq: 07 Jun 2019 14:24

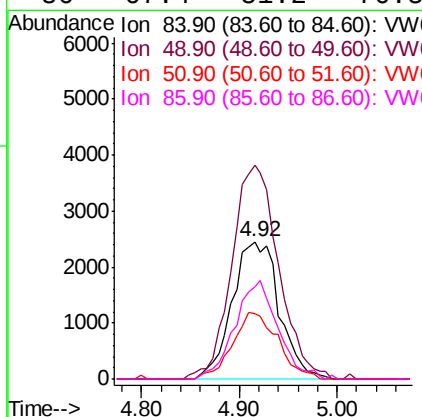
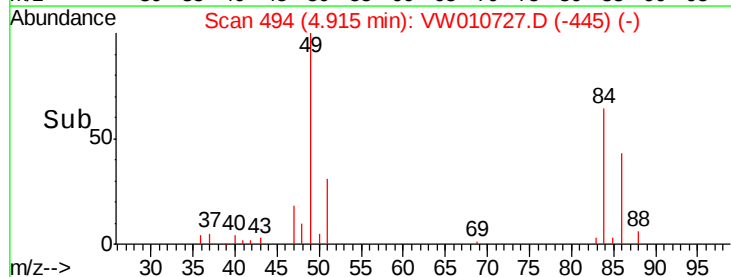
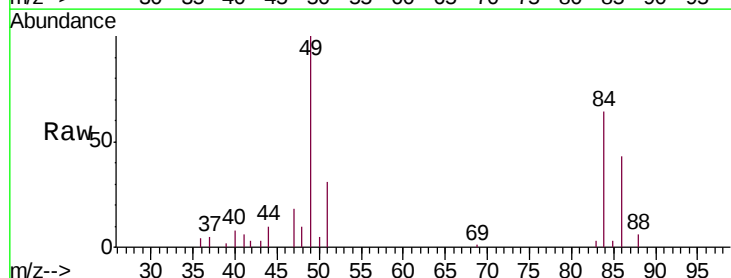
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-041-A

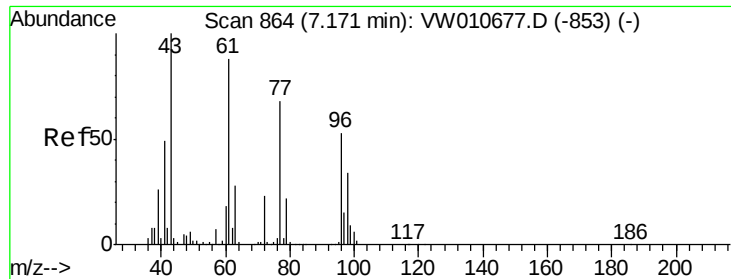
Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
74 7.3 16.7 25.1#



#20
Methylene Chloride
Concen: 3.572 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010727.D
Acq: 07 Jun 2019 14:24

Tgt Ion: 84 Resp: 8175
Ion Ratio Lower Upper
84 100
49 155.8 116.7 175.1
51 47.7 34.2 51.2
86 67.4 51.2 76.8





#25

2-Butanone

Concen: 1.622 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

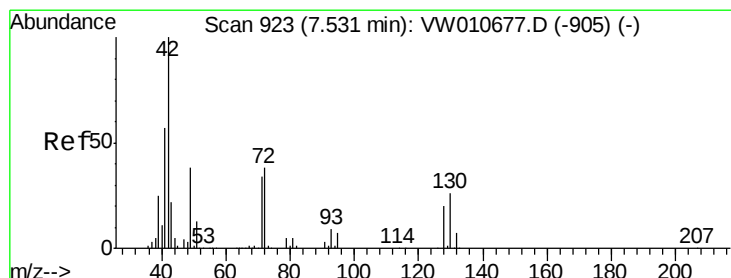
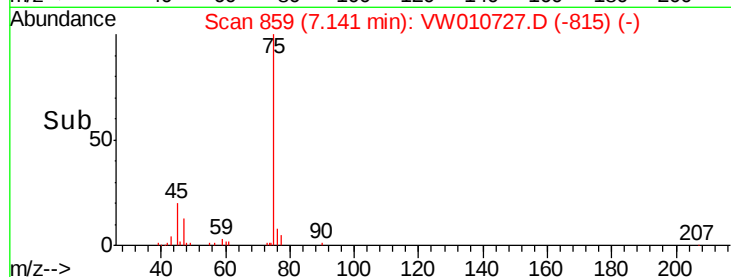
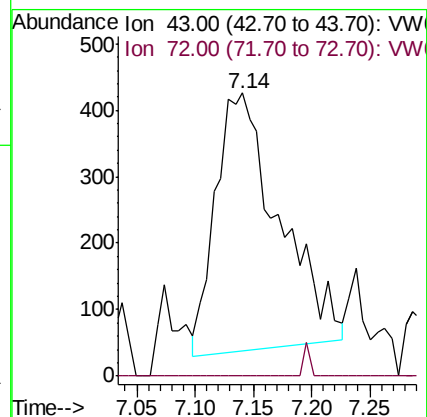
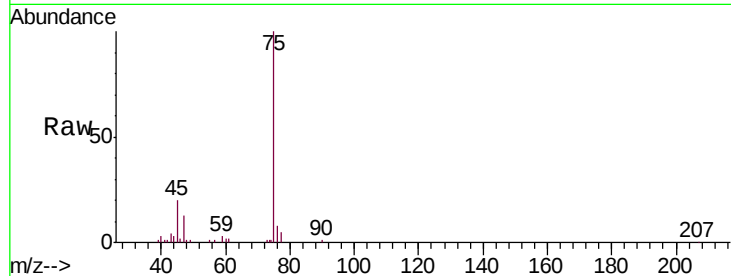
FK-GF-02-041-A

Tgt Ion: 43 Resp: 1467

Ion Ratio Lower Upper

43 100

72 0.0 18.1 27.1#



#29

Tetrahydrofuran

Concen: 1.216 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

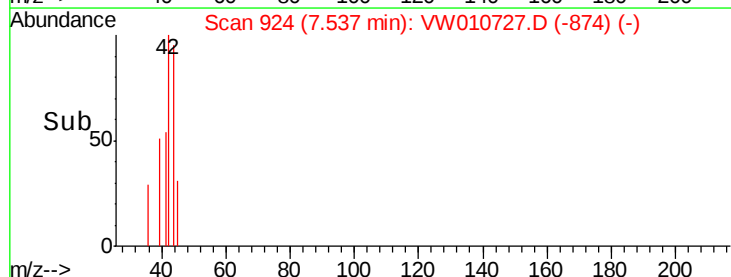
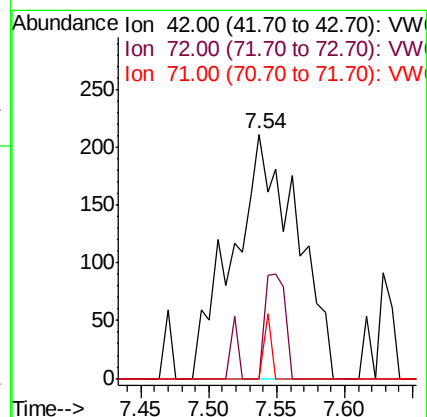
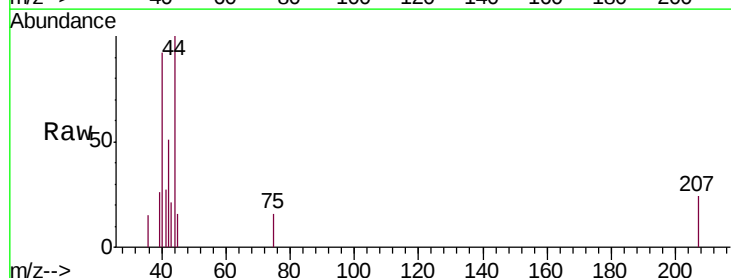
Tgt Ion: 42 Resp: 692

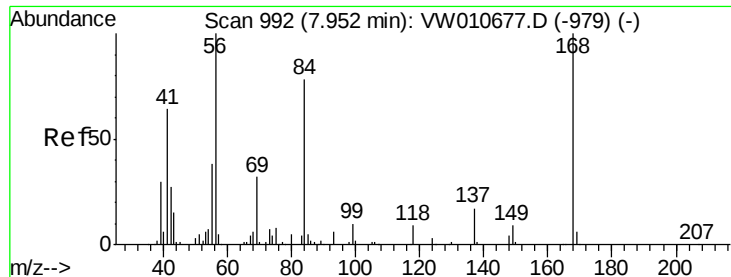
Ion Ratio Lower Upper

42 100

72 13.6 28.7 43.1#

71 2.9 26.6 39.8#

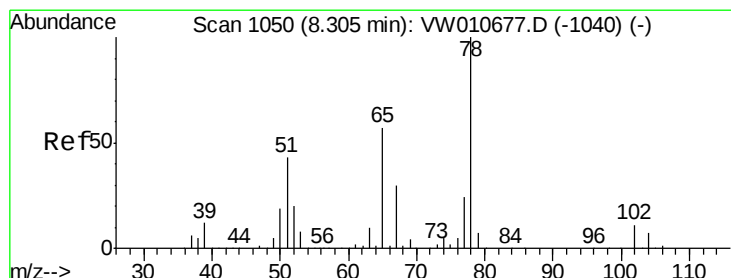
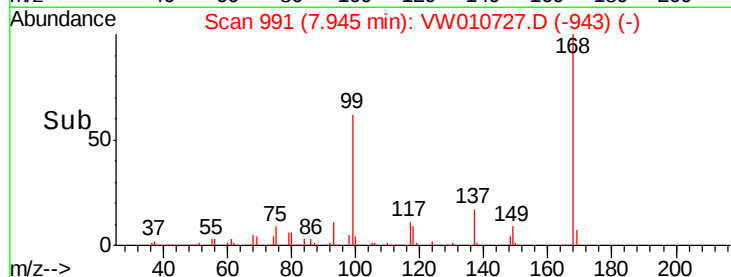
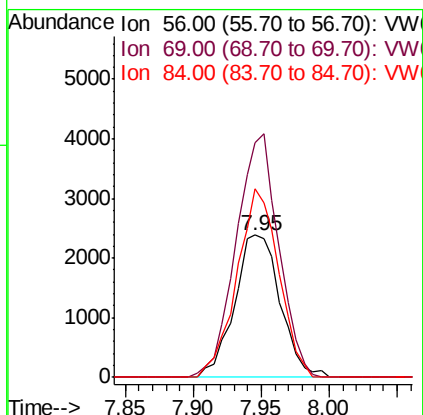
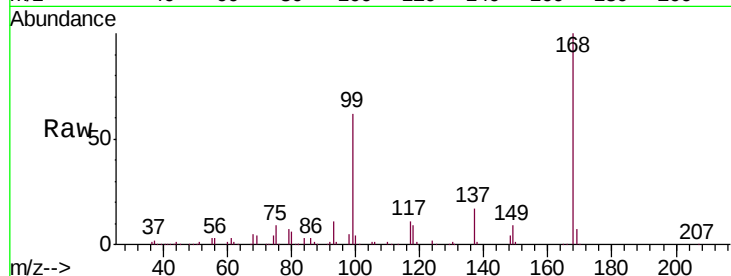




#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010727.D
Acq: 07 Jun 2019 14:24

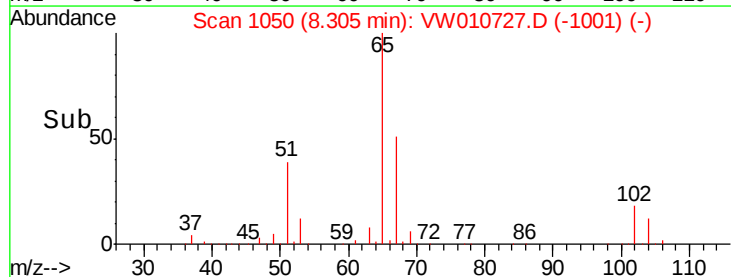
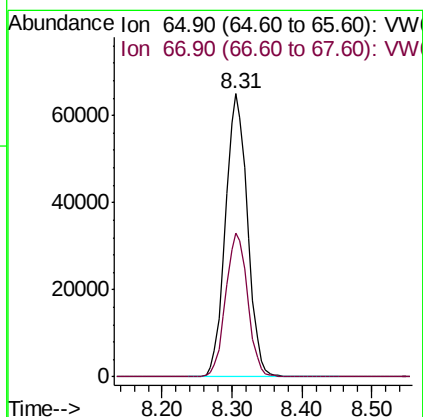
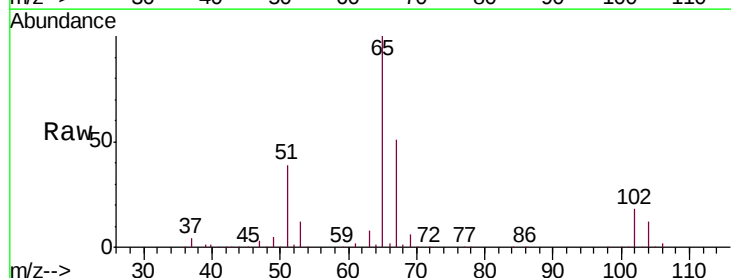
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-041-A

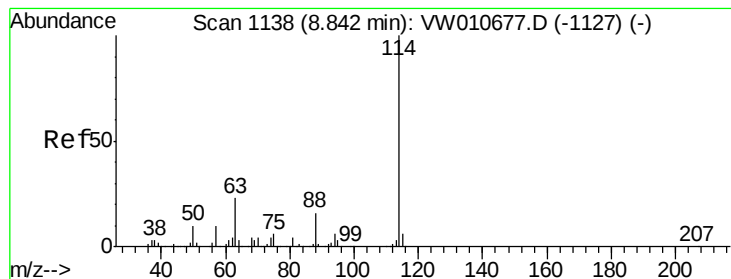
Tgt Ion: 56 Resp: 5609
Ion Ratio Lower Upper
56 100
69 165.2 25.2 37.8#
84 132.7 62.2 93.2#



#33
1,2-Dichloroethane-d4
Concen: 58.376 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010727.D
Acq: 07 Jun 2019 14:24

Tgt Ion: 65 Resp: 142138
Ion Ratio Lower Upper
65 100
67 50.8 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: VW010727.D

Acq: 07 Jun 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-041-A

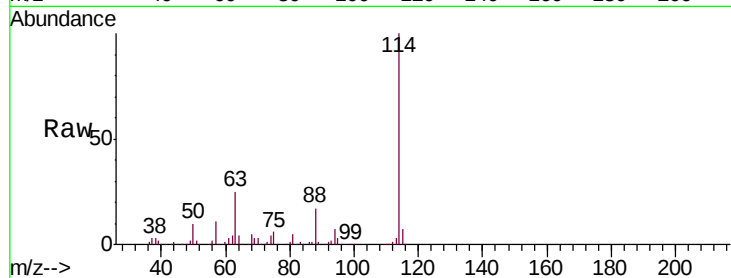
Tgt Ion:114 Resp: 356533

Ion Ratio Lower Upper

114 100

63 24.9 0.0 46.4

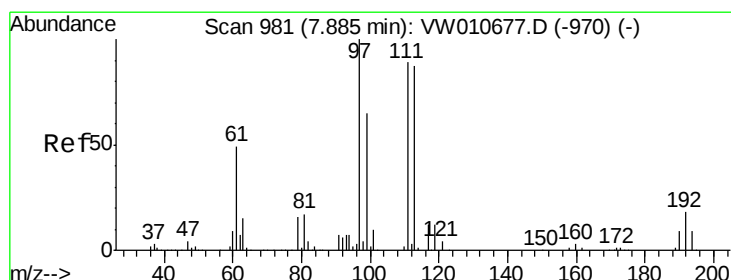
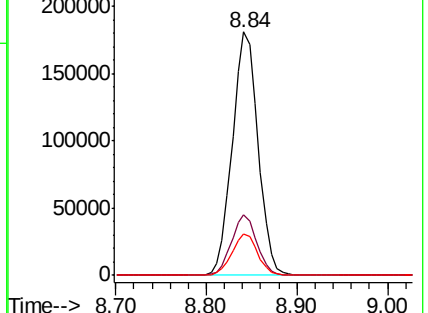
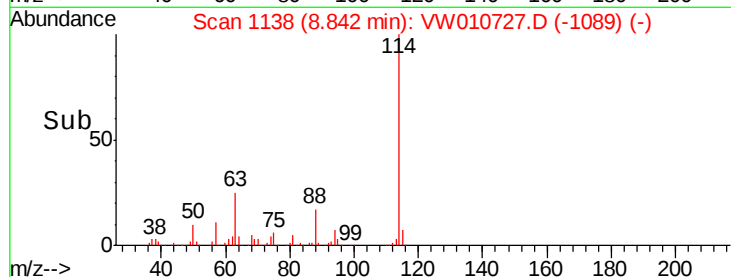
88 17.0 0.0 32.2



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: 54.218 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

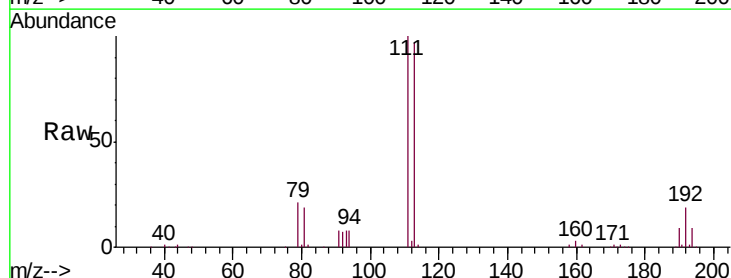
Tgt Ion:113 Resp: 104923

Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

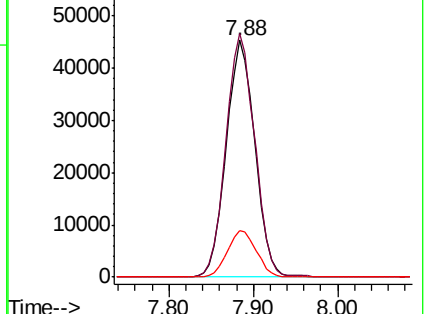
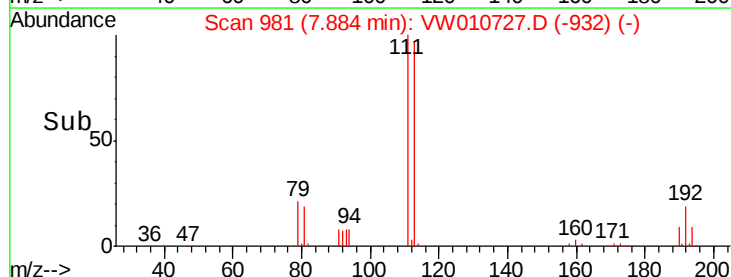
192 19.8 16.4 24.6

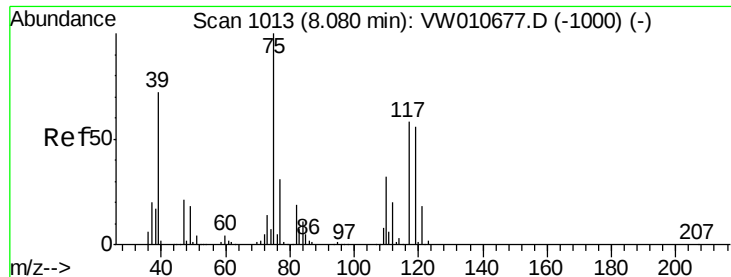


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.932 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-041-A

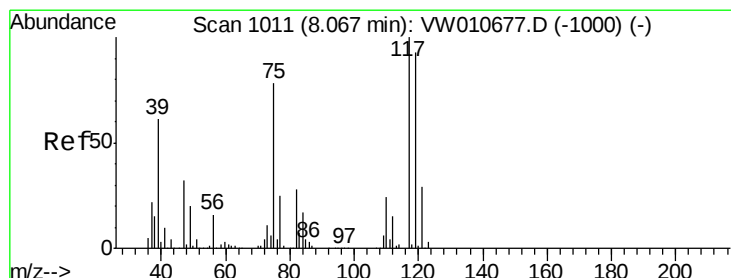
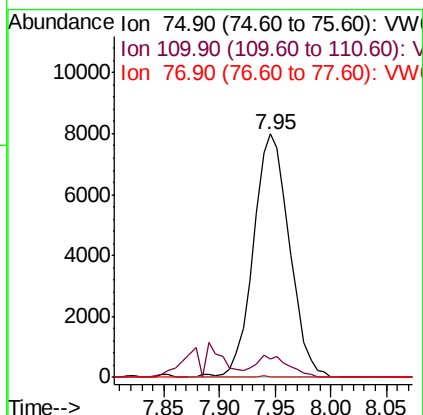
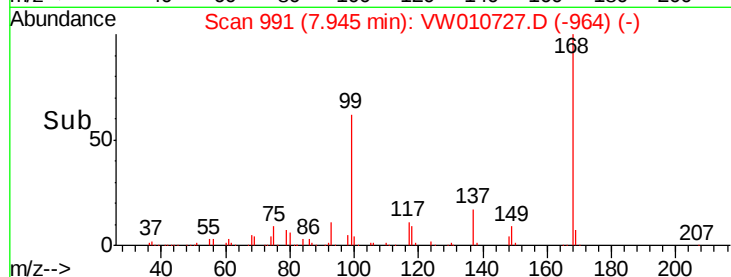
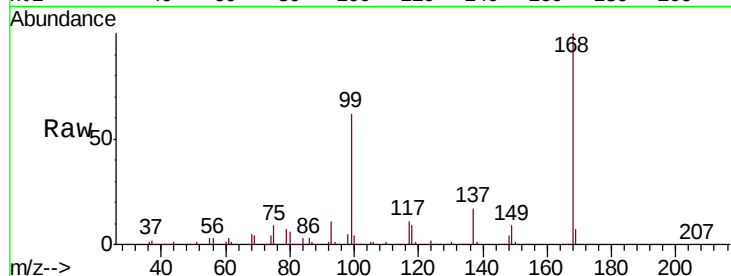
Tgt Ion: 75 Resp: 17998

Ion Ratio Lower Upper

75 100

110 8.4 15.8 47.3#

77 0.1 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.624 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

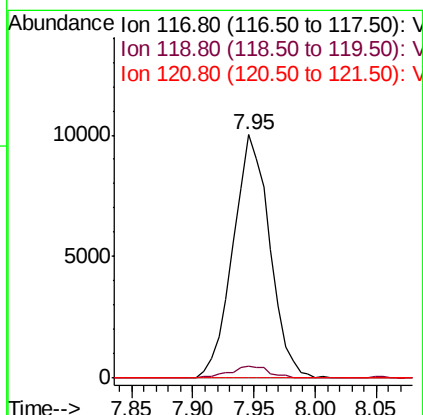
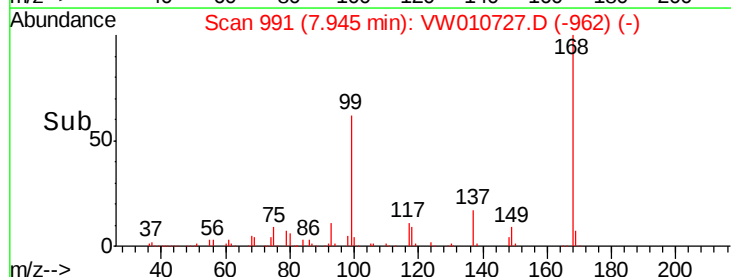
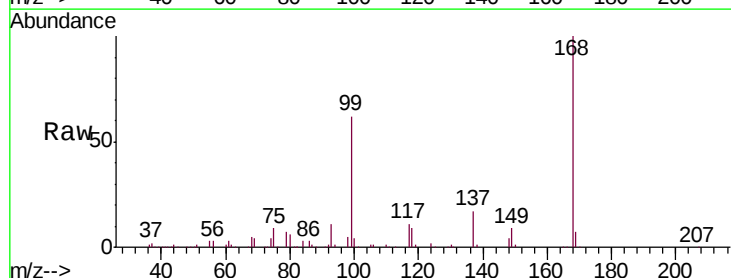
Tgt Ion: 117 Resp: 20870

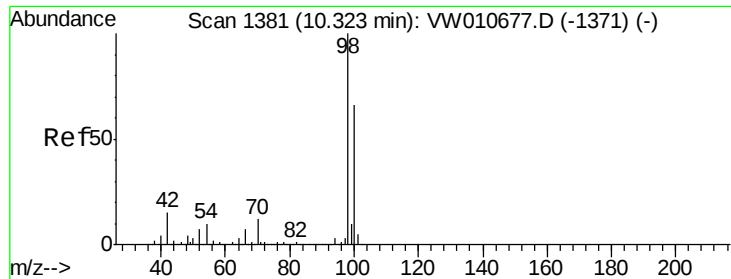
Ion Ratio Lower Upper

117 100

119 4.7 74.2 111.4#

121 0.0 22.9 34.3#





#50

Toluene-d8

Concen: 54.392 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

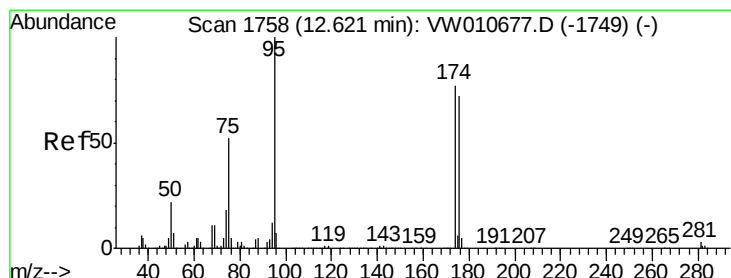
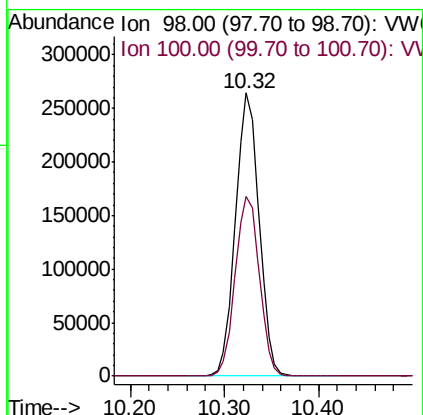
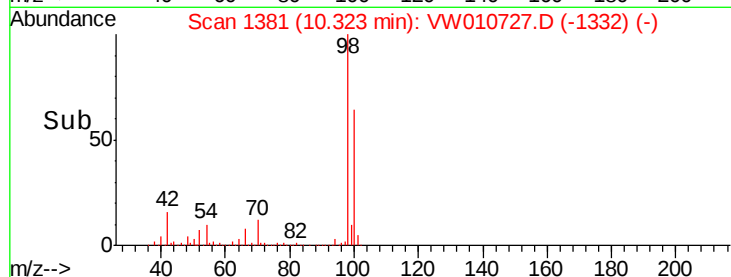
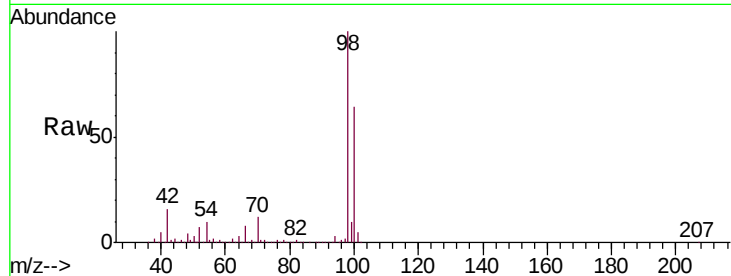
FK-GF-02-041-A

Tgt Ion: 98 Resp: 461568

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 49.107 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

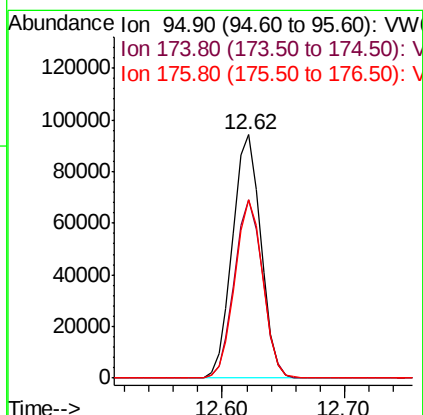
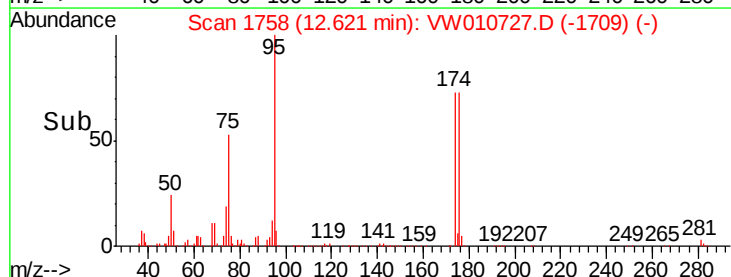
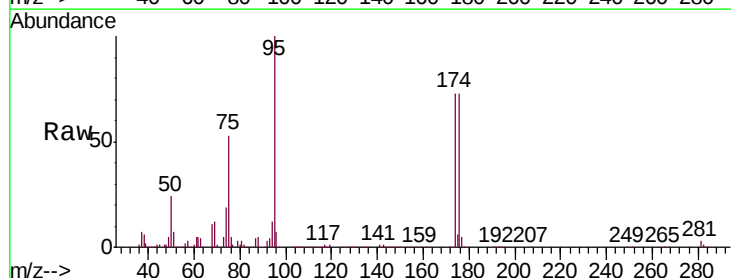
Tgt Ion: 95 Resp: 151640

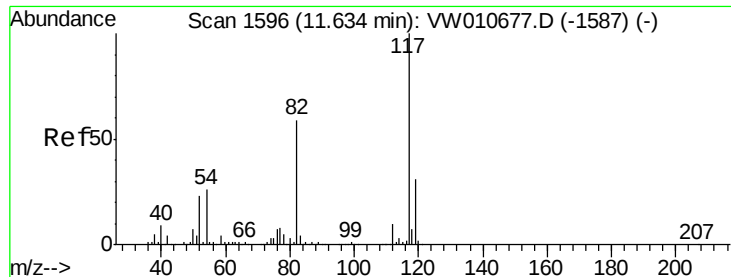
Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

176 71.8 0.0 144.8

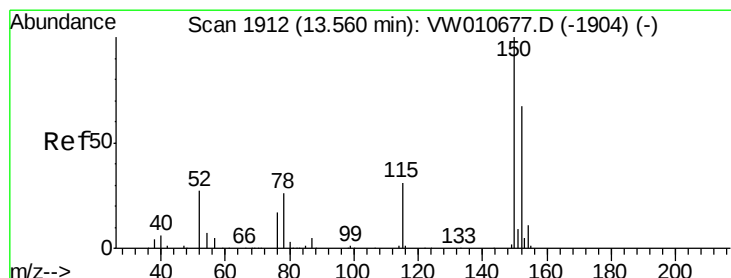
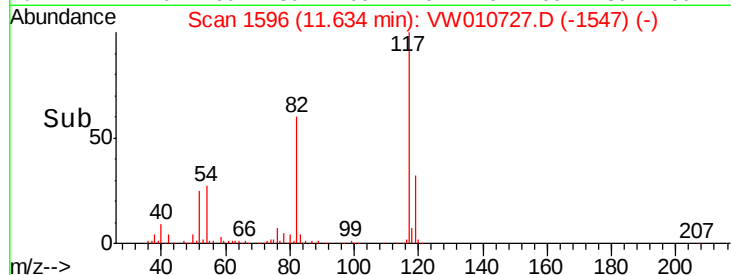
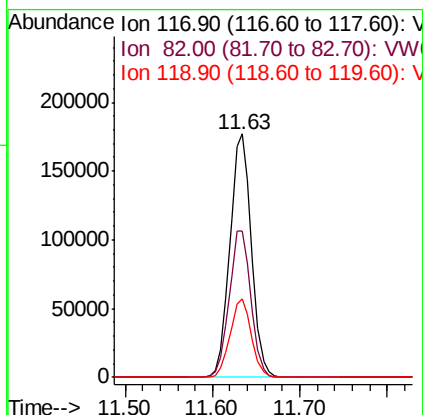
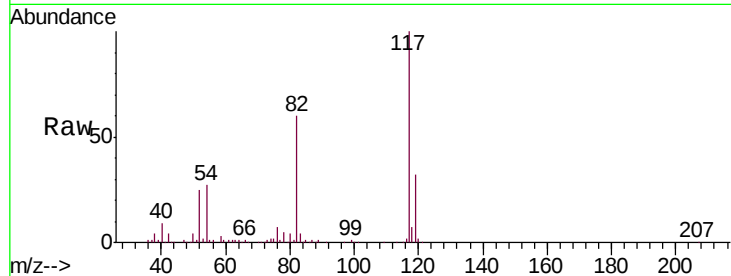




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010727.D
Acq: 07 Jun 2019 14:24

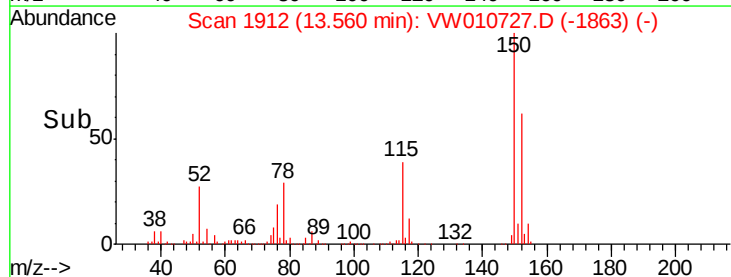
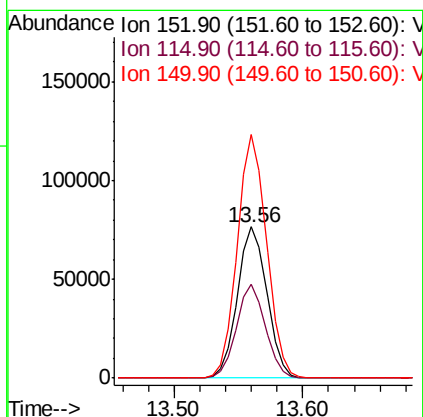
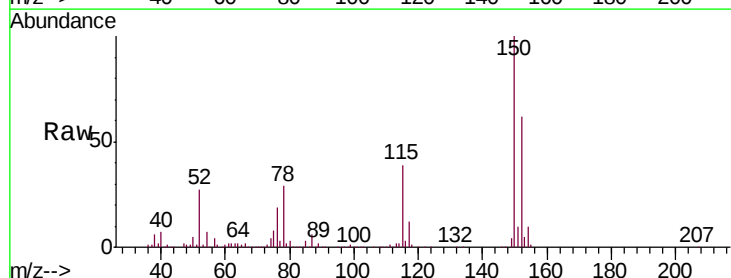
Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-041-A

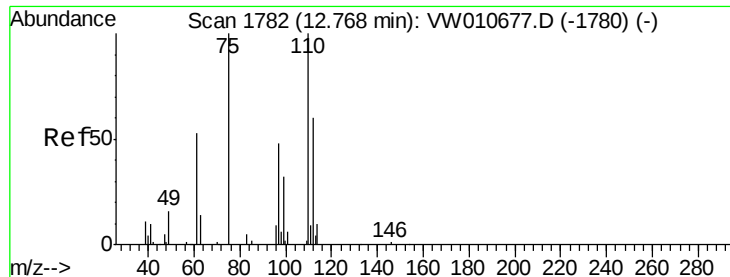
Tgt Ion:117 Resp: 301922
Ion Ratio Lower Upper
117 100
82 60.0 47.0 70.4
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010727.D
Acq: 07 Jun 2019 14:24

Tgt Ion:152 Resp: 121500
Ion Ratio Lower Upper
152 100
115 61.2 29.8 89.3
150 159.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 64.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

Instrument :

MSVOA_W

ClientSampleId :

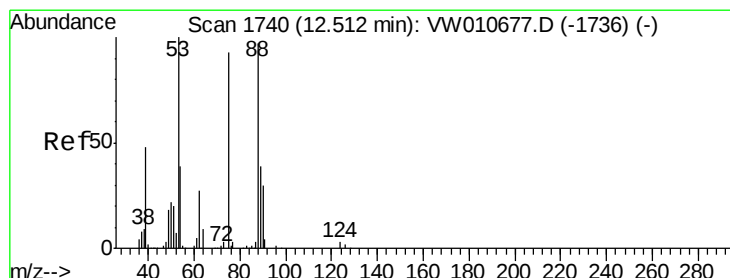
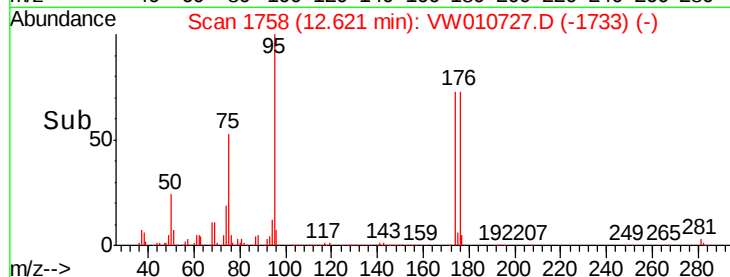
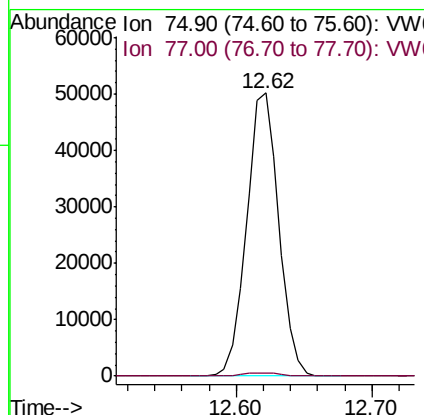
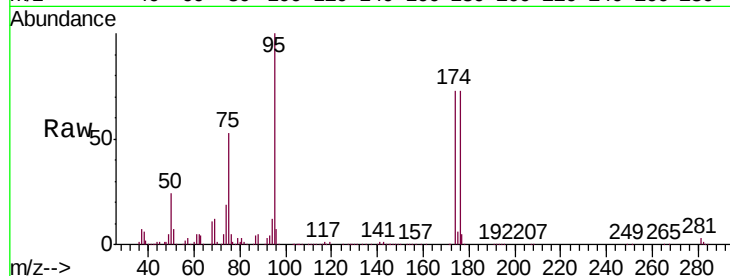
FK-GF-02-041-A

Tgt Ion: 75 Resp: 82788

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 149.127 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010727.D

Acq: 07 Jun 2019 14:24

Tgt Ion: 75 Resp: 82788

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

