

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015668.D
 Acq On : 23 Jun 2020 18:05
 Operator : SY/VA
 Sample : L3096-02
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-011-A

Quant Time: Jun 24 03:07:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	157696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	278467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107450	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	100938	57.53	ug/l	0.00
Spiked Amount			Recovery	=	115.06%	
35) Dibromofluoromethane	7.88	113	88910	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	10.32	98	344333	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.62	95	111552	43.94	ug/l	0.00
Spiked Amount			Recovery	=	87.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	1261	3.781	ug/l	98
18) Methyl Acetate	4.67	43	27	Below Cal	#	52
20) Methylene Chloride	4.92	84	6483	Below Cal		98
31) Cyclohexane	7.95	56	4039	1.336	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	13399	4.626	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15571	5.546	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	1720	1.616	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	61322	62.567	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	61322	157.670	ug/l #	8

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015668.D

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MSVOA_W

ClientSampleId :

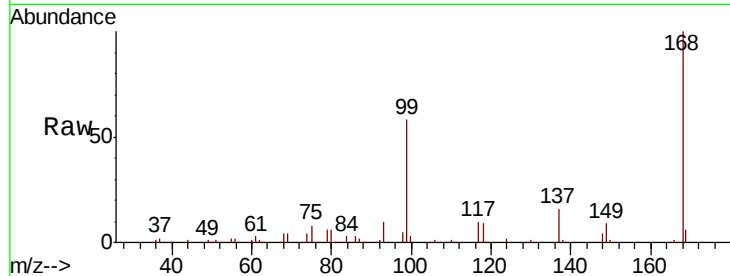
FK-GF-03-011-A

Tot Ion:168 Resp: 157696

Ion Ratio Lower Upper

168 100

99 57.9 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

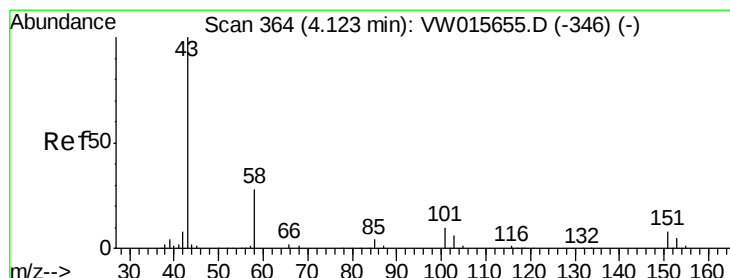
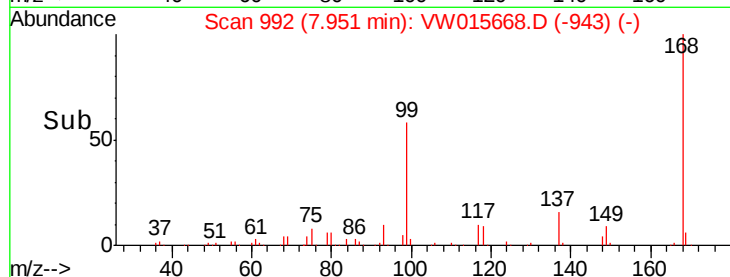
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 3.781 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW015668.D

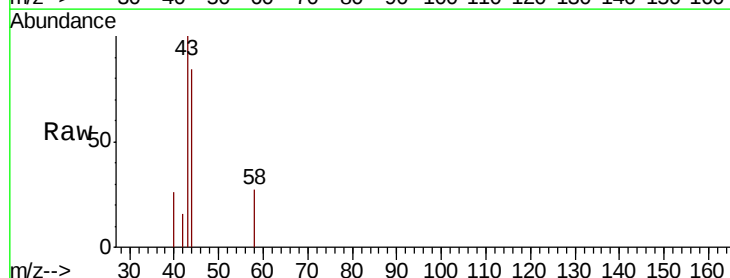
Acq: 23 Jun 2020 18:05

Tgt Ion: 43 Resp: 1261

Ion Ratio Lower Upper

43 100

58 27.0 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

500

400

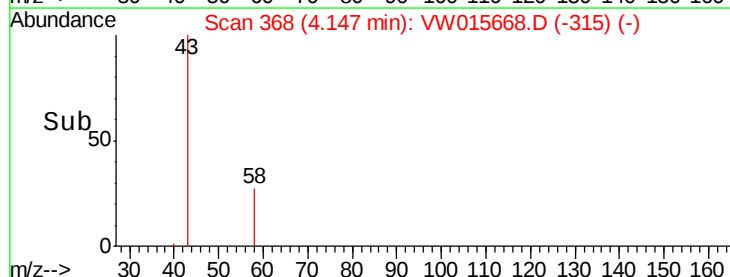
300

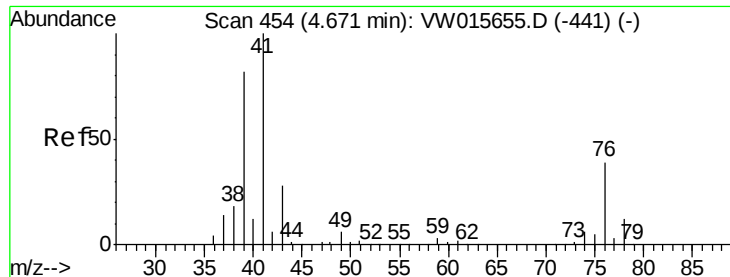
200

100

0

Time--> 4.05 4.10 4.15 4.20 4.25





#18

Methvl Acetate

Concen: Below Cal

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

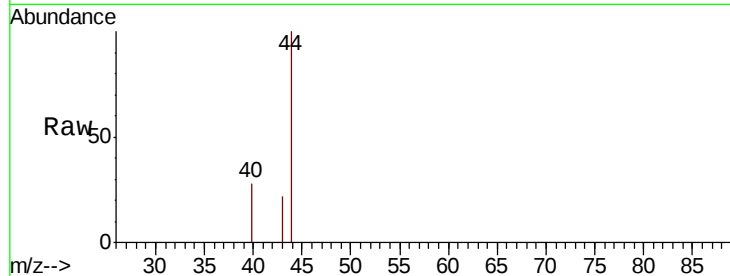
FK-GF-03-011-A

Tot Ion: 43 Resp: 27

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

80

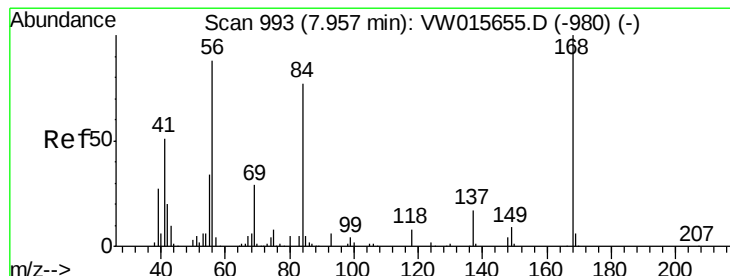
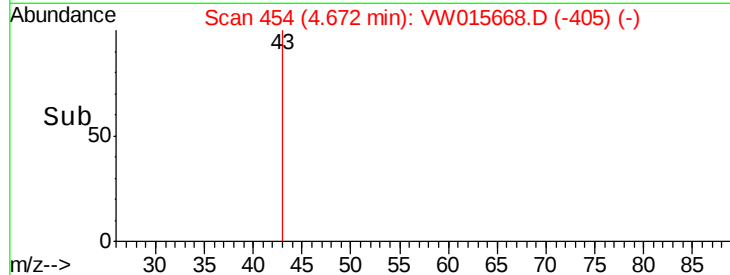
60

40

20

0

Time-->



#31

Cyclohexane

Concen: 1.336 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

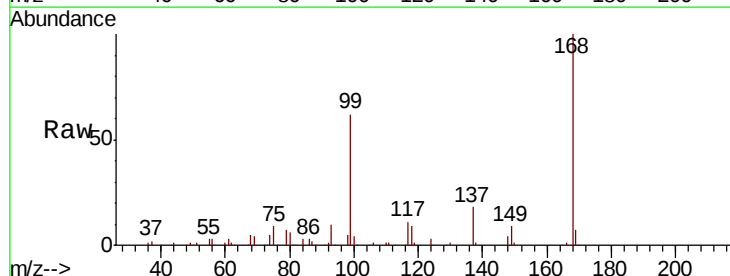
Tgt Ion: 56 Resp: 4039

Ion Ratio Lower Upper

56 100

69 159.0 26.2 39.4#

84 113.0 70.4 105.6#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

4000

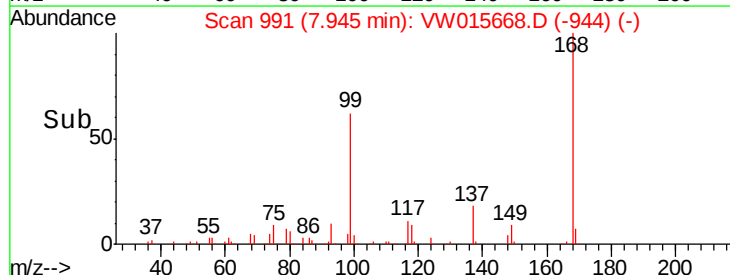
3000

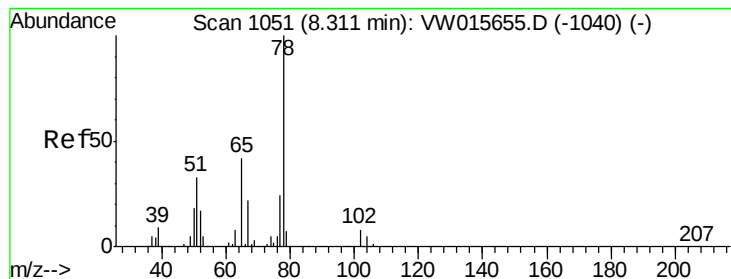
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.528 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

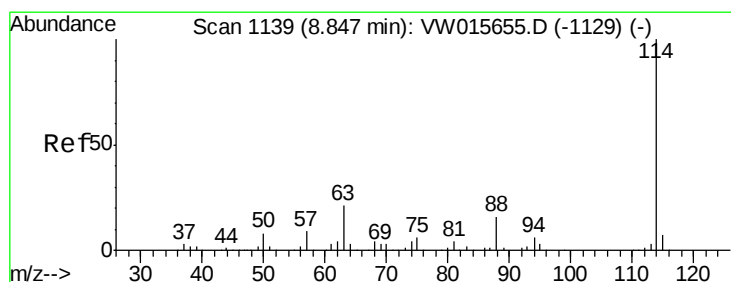
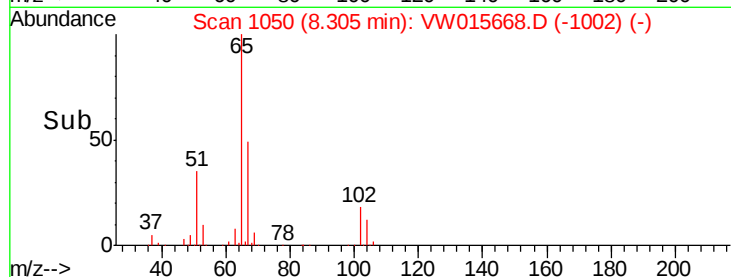
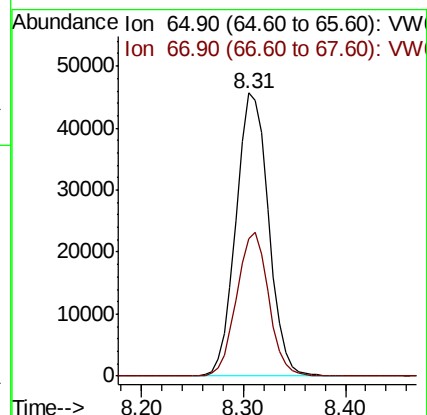
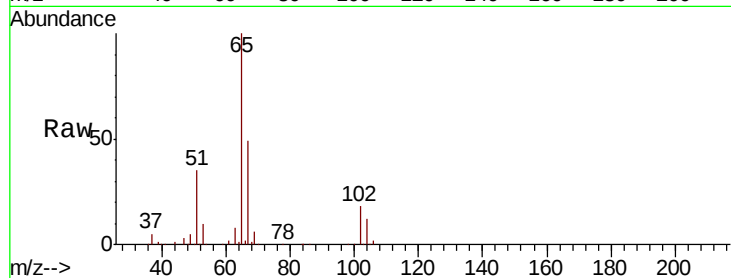
FK-GF-03-011-A

Tot Ion: 65 Resp: 100938

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

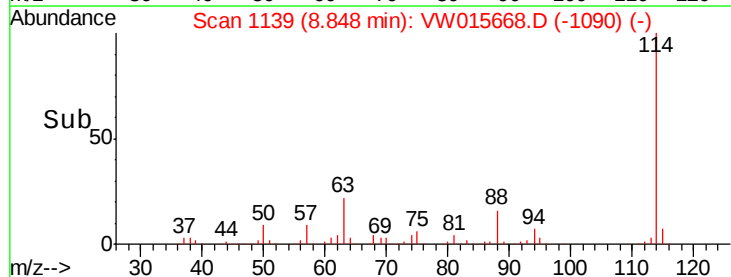
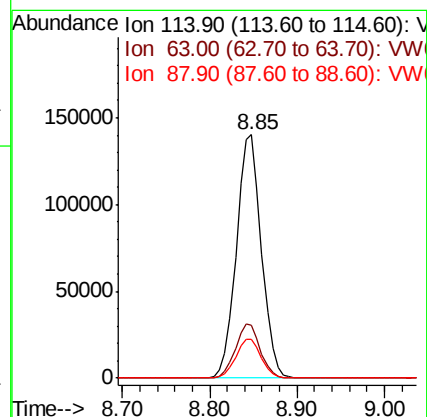
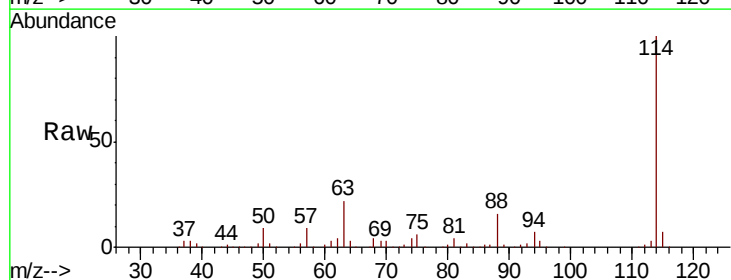
Tgt Ion: 114 Resp: 278467

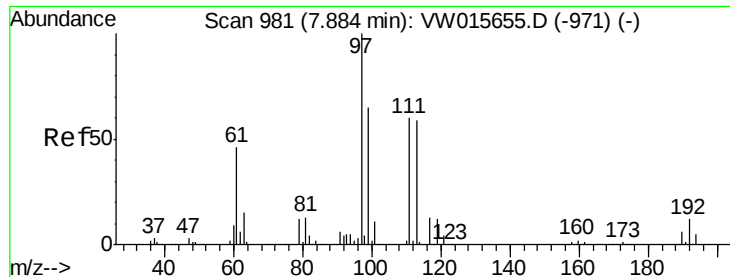
Ion Ratio Lower Upper

114 100

63 21.7 0.0 42.4

88 16.0 0.0 32.6

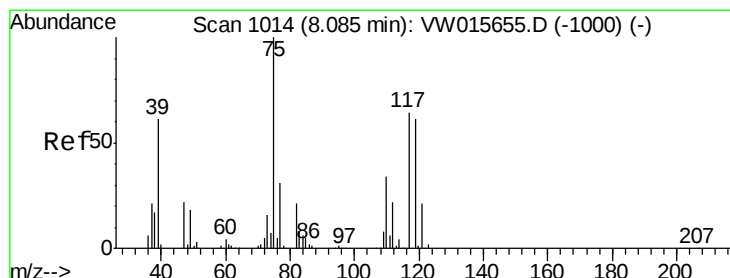
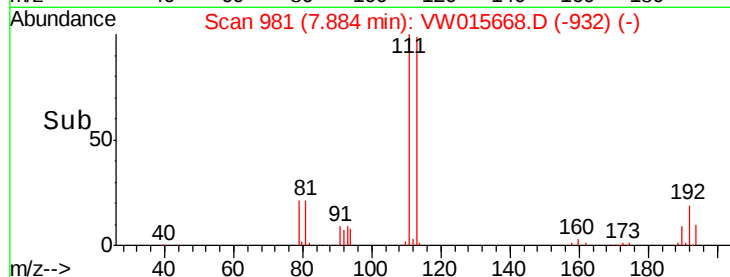
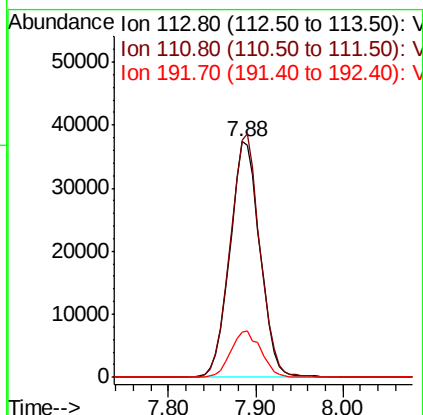
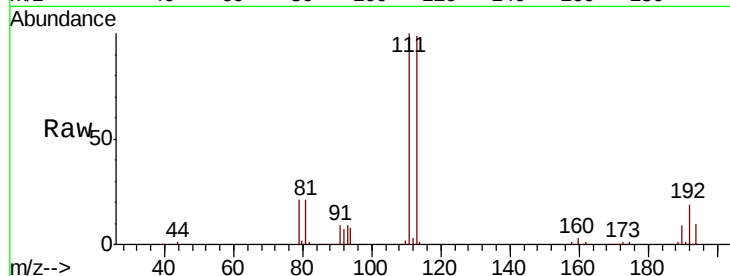




#35
 Dibromofluoromethane
 Concen: 50.758 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015668.D
 Acq: 23 Jun 2020 18:05

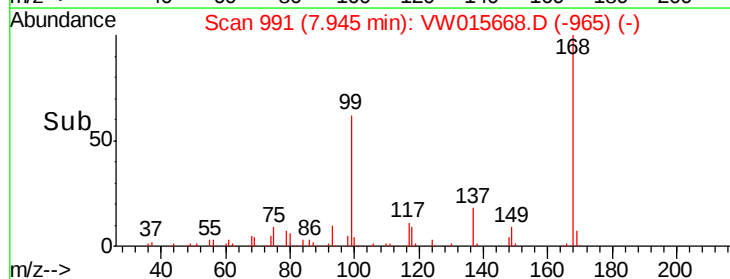
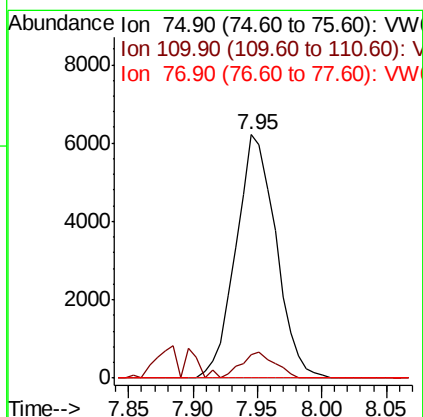
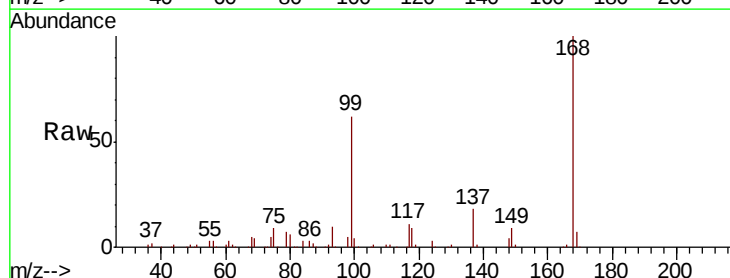
Instrument :
 MSVOA_W
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 FK-GF-03-011-A

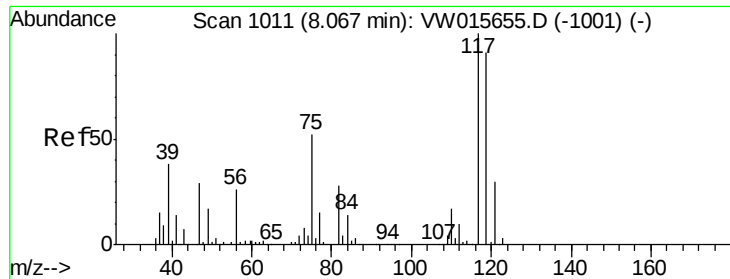
Tot Ion:113 Resp: 88910
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.3 123.5
 192 19.6 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.626 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015668.D
 Acq: 23 Jun 2020 18:05

Tgt Ion: 75 Resp: 13399
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.0 51.0#
 77 0.0 24.6 36.8#

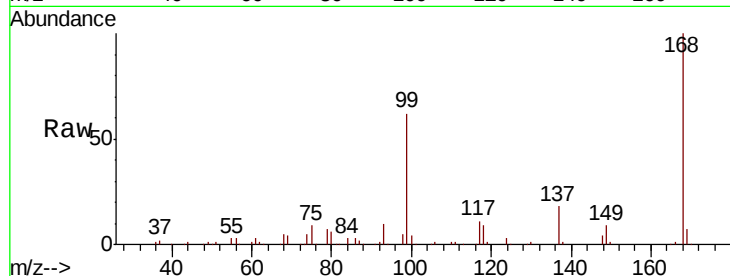




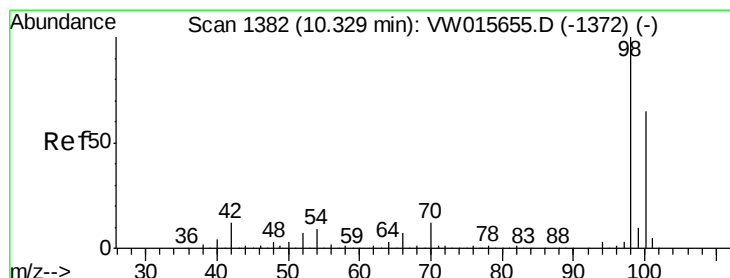
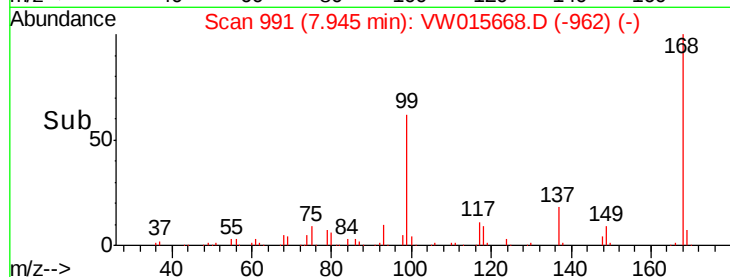
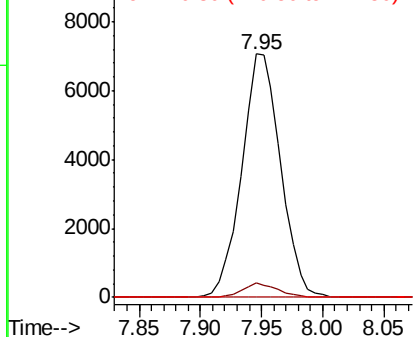
#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015668.D
Acq: 23 Jun 2020 18:05

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-03-011-A

Tot Ion:117 Resp: 15571
Ion Ratio Lower Upper
117 100
119 5.8 73.2 109.8#
121 0.0 23.9 35.9#

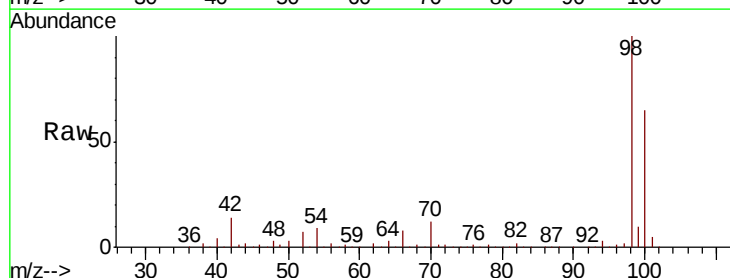


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

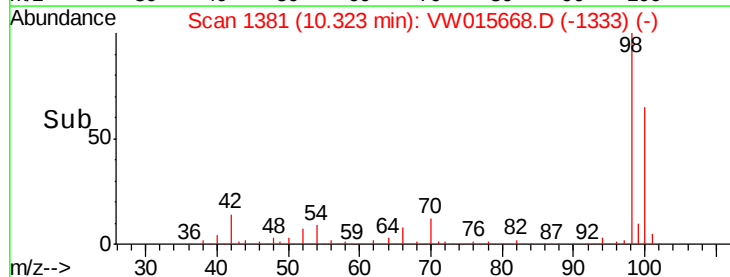
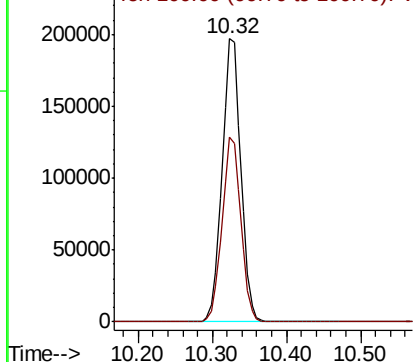


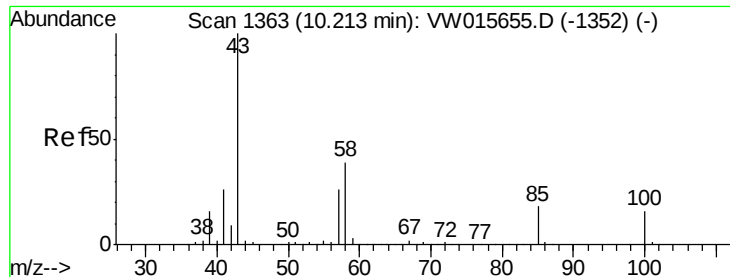
#50
Toluene-d8
Concen: 49.951 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015668.D
Acq: 23 Jun 2020 18:05

Tgt Ion: 98 Resp: 344333
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 1.616 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

Instrument :

MSVOA_W

ClientSampleId :

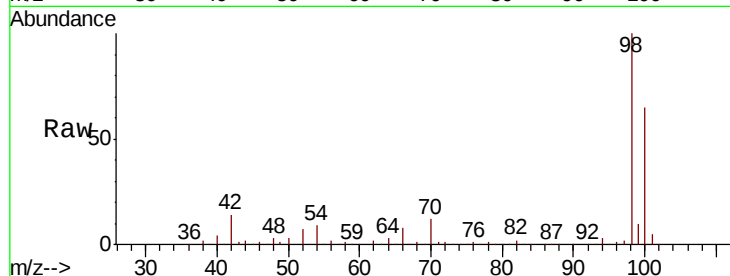
FK-GF-03-011-A

Tot Ion: 43 Resp: 1720

Ion Ratio Lower Upper

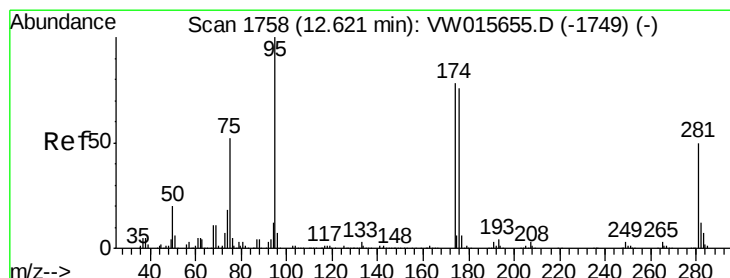
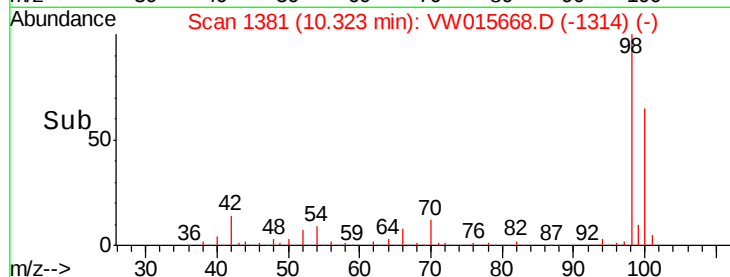
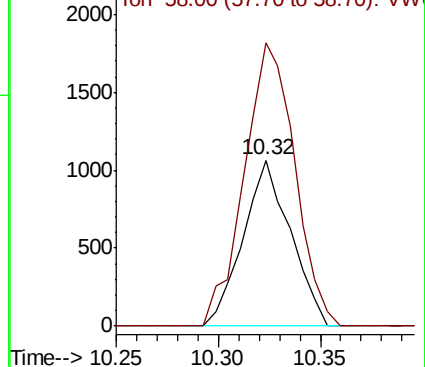
43 100

58 181.7 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 43.941 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015668.D

Acq: 23 Jun 2020 18:05

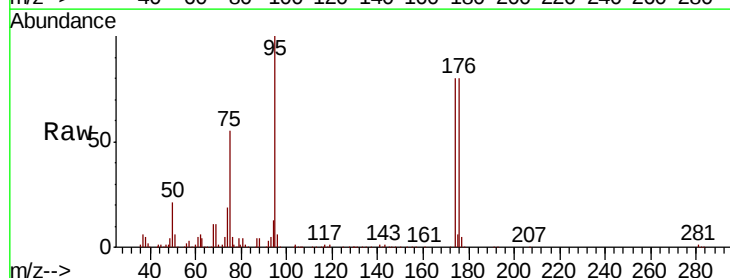
Tgt Ion: 95 Resp: 111552

Ion Ratio Lower Upper

95 100

174 79.0 0.0 157.0

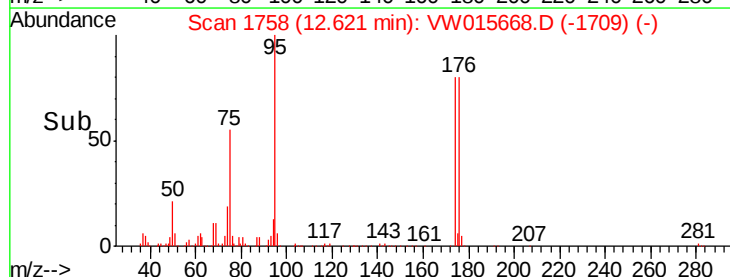
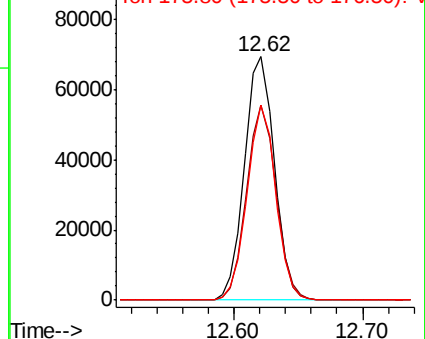
176 76.4 0.0 151.4

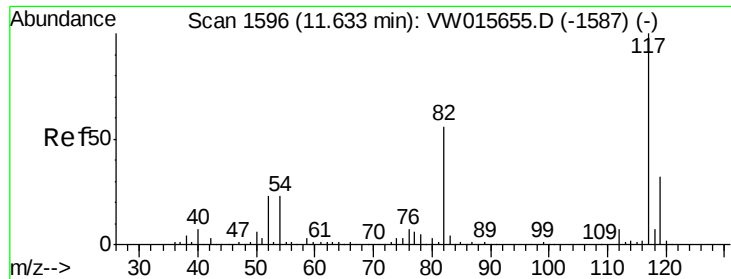


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

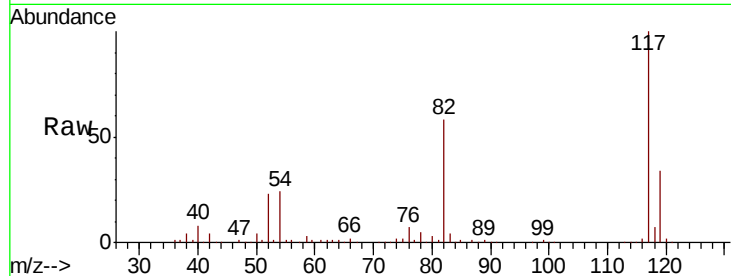




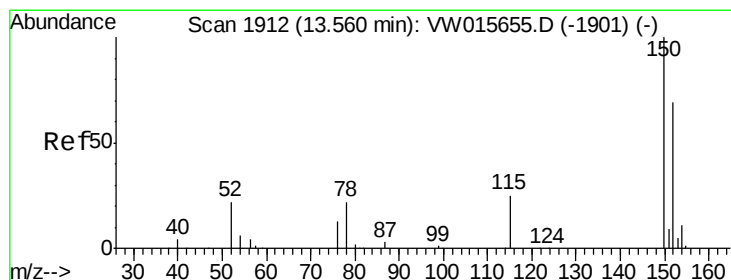
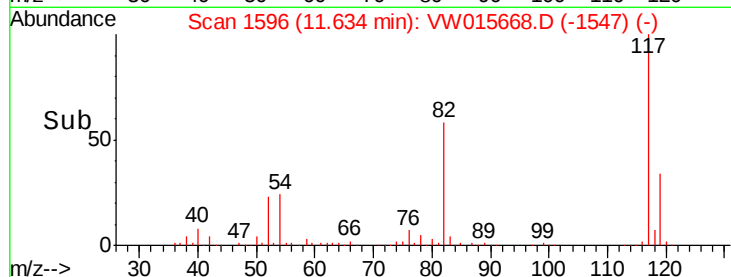
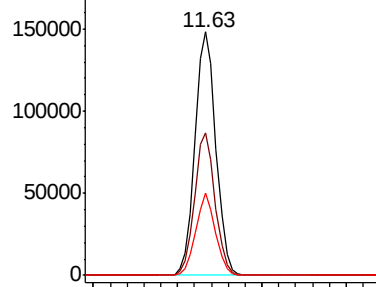
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015668.D
Acq: 23 Jun 2020 18:05

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-03-011-A

Tot Ion:117 Resp: 250263
Ion Ratio Lower Upper
117 100
82 58.5 45.1 67.7
119 33.6 25.8 38.8

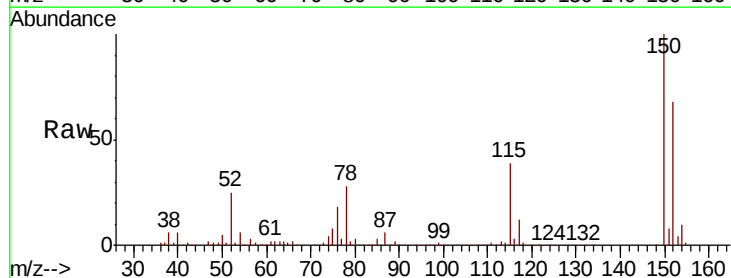


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

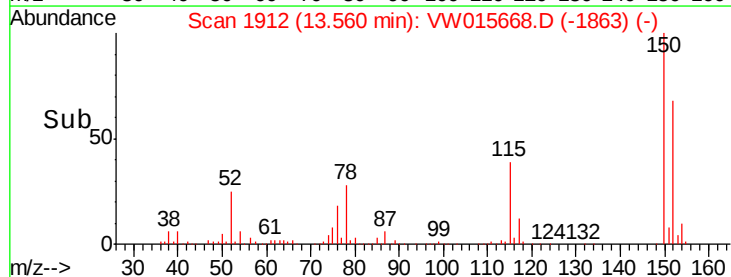
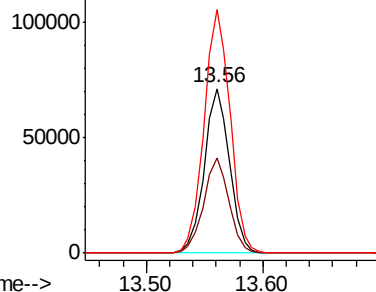


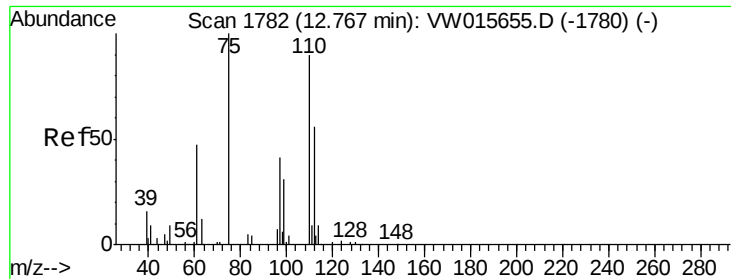
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015668.D
Acq: 23 Jun 2020 18:05

Tgt Ion:152 Resp: 107450
Ion Ratio Lower Upper
152 100
115 58.0 30.1 90.5
150 152.7 0.0 345.6



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

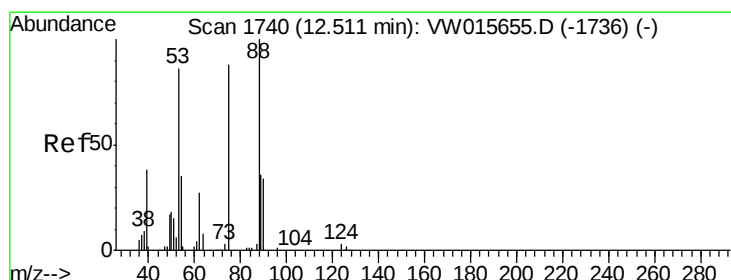
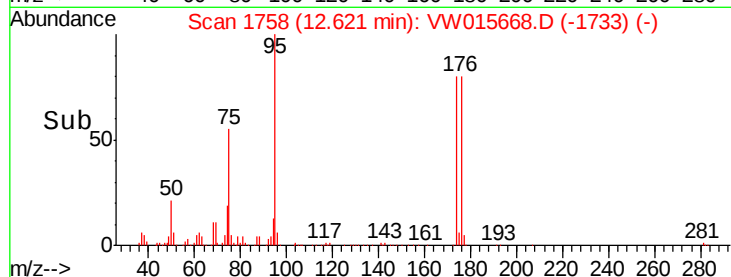
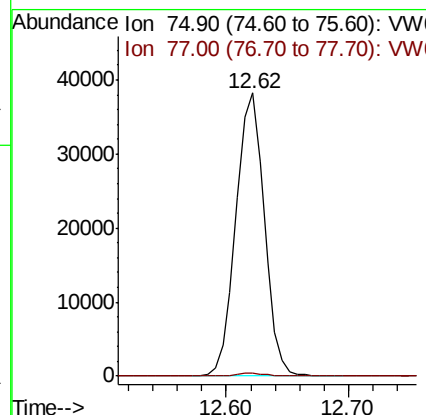
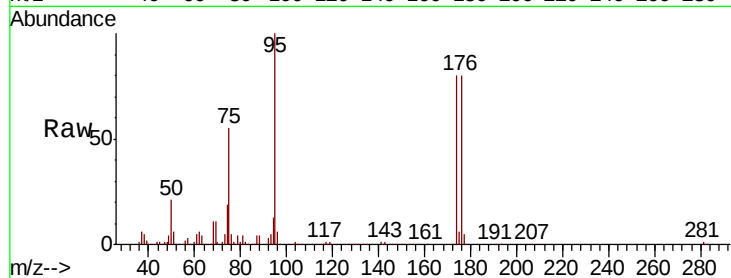




#76
 1,2,3-Trichloropropane
 Concen: 62.567 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW015668.D
 Acq: 23 Jun 2020 18:05

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-03-011-A

Tot Ion: 75 Resp: 61322
 Ion Ratio Lower Upper
 75 100
 77 1.0 179.1 537.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 157.670 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW015668.D
 Acq: 23 Jun 2020 18:05

Tgt Ion: 75 Resp: 61322
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.8 125.8#
 89 0.0 36.6 55.0#

