

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010861.D
 Acq On : 19 Jun 2019 20:00
 Operator : SY/VA
 Sample : K3435-04
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-02-004-B

Quant Time: Jun 20 05:49:44 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

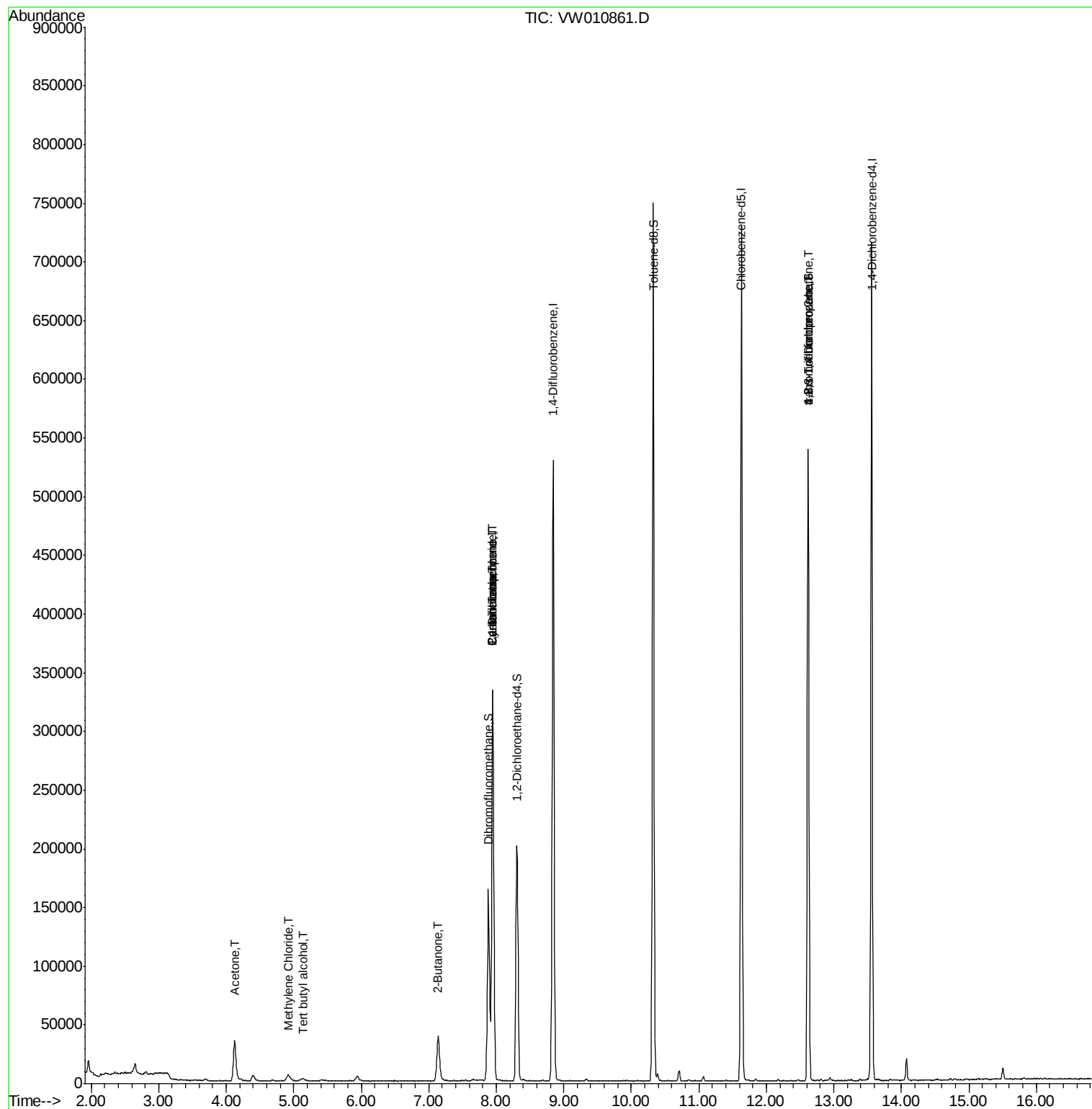
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	410528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	365056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	160474	57.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.62%	
35) Dibromofluoromethane	7.88	113	112901	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.32	98	459854	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
62) 4-Bromofluorobenzene	12.62	95	170947	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.14	59	2887	12.767	ug/l #	76
16) Acetone	4.12	43	63831	85.824	ug/l	96
20) Methylene Chloride	4.92	84	3233	1.239	ug/l	99
25) 2-Butanone	7.13	43	2677	2.596	ug/l #	87
31) Cyclohexane	7.95	56	6344	1.133	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	21318	5.073	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23899	6.588	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	94735	53.524	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94735	123.016	ug/l #	5

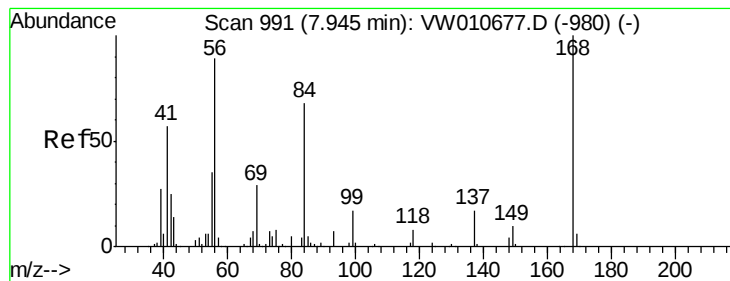
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
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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# 991

Delta R.T. -0.00 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

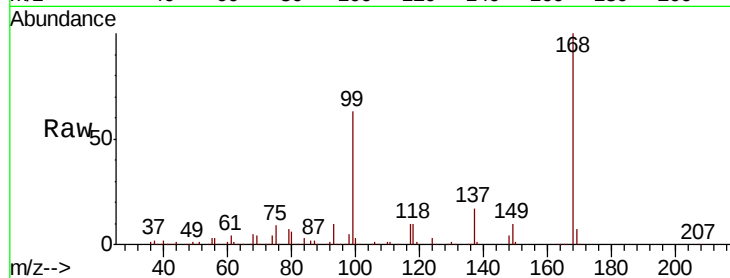
FK-SF-02-004-B

Tot Ion:168 Resp: 235493

Ion Ratio Lower Upper

168 100

99 62.5 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

120000

100000

80000

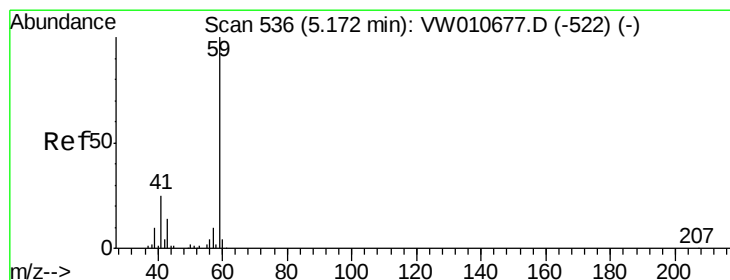
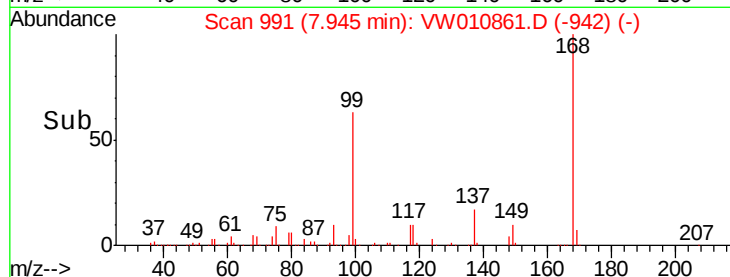
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 12.767 ug/l

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW010861.D

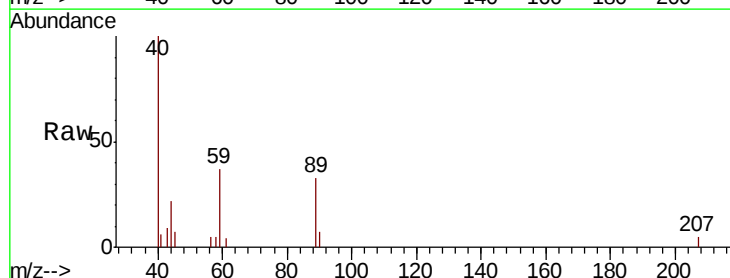
Acq: 19 Jun 2019 20:00

Tgt Ion: 59 Resp: 2887

Ion Ratio Lower Upper

59 100

57 1.6 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.14

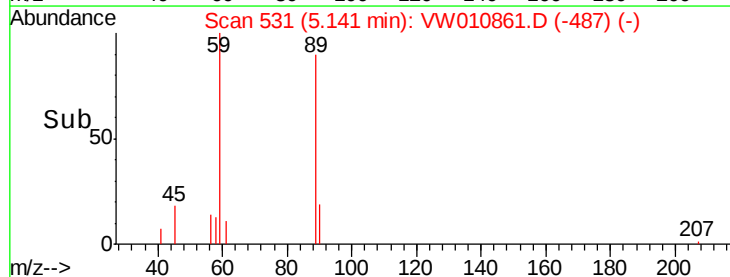
600

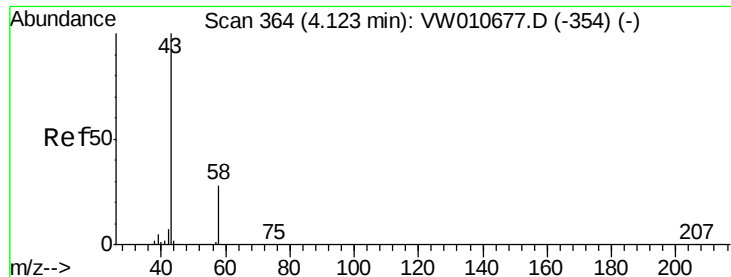
400

200

0

Time-->





#16

Acetone

Concen: 85.824 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

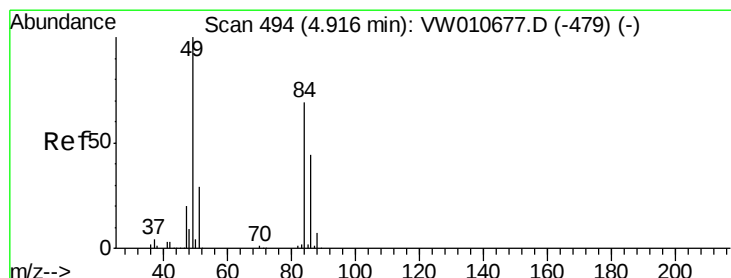
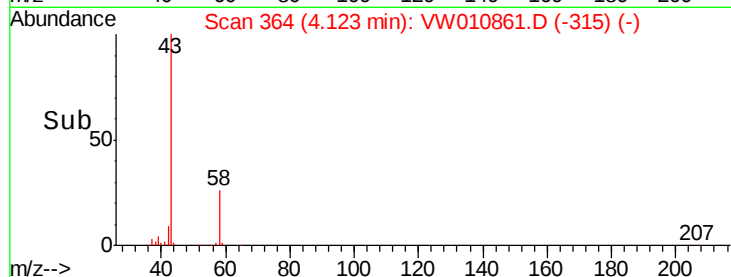
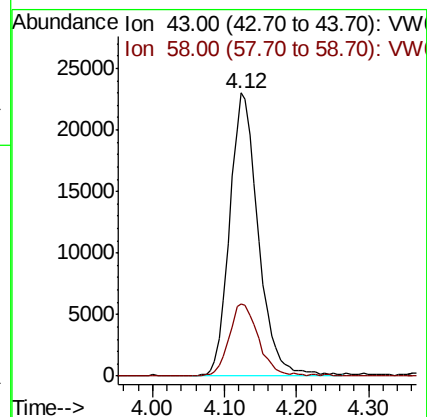
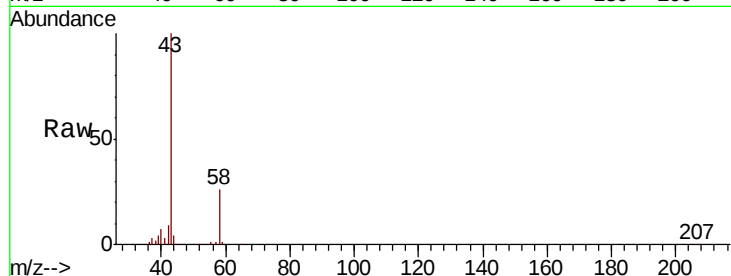
FK-SF-02-004-B

Tot Ion: 43 Resp: 63831

Ion Ratio Lower Upper

43 100

58 25.7 22.1 33.1



#20

Methylene Chloride

Concen: 1.239 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

Tgt Ion: 84 Resp: 3233

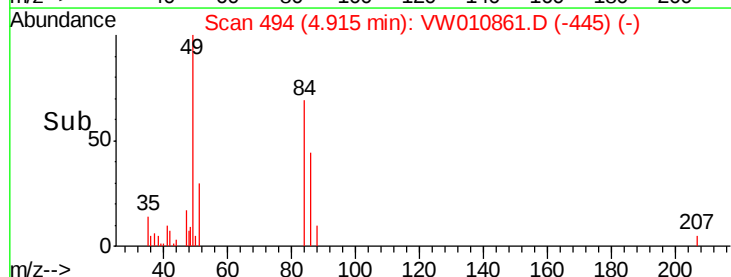
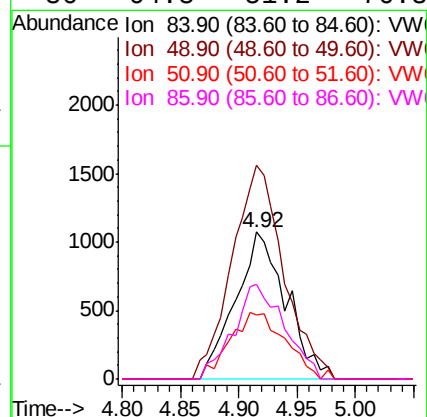
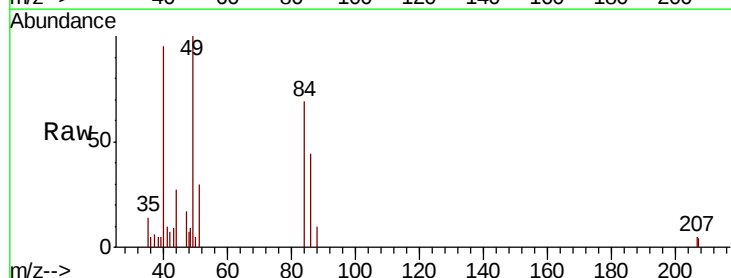
Ion Ratio Lower Upper

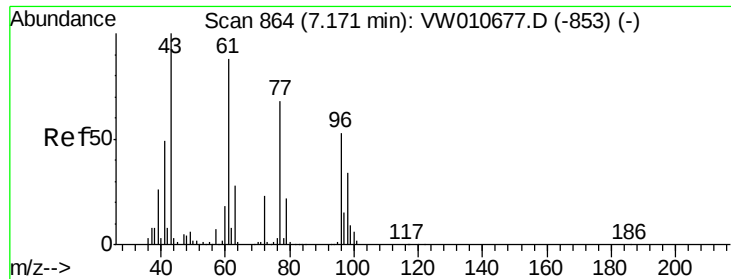
84 100

49 145.7 116.7 175.1

51 43.9 34.2 51.2

86 64.8 51.2 76.8

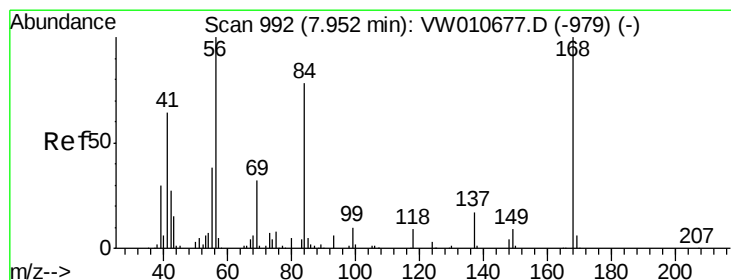
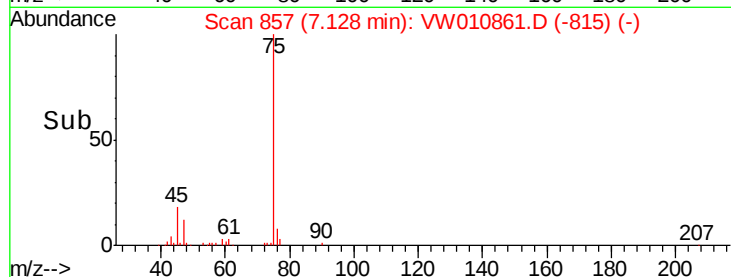
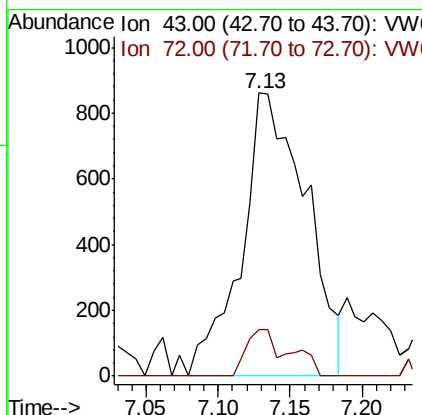
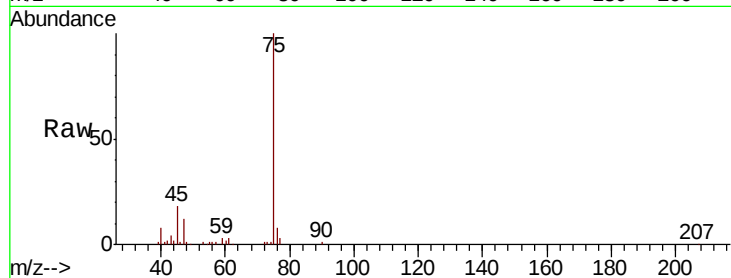




#25
2-Butanone
Concen: 2.596 ug/l
RT: 7.13 min Scan# 857
Delta R.T. -0.04 min
Lab File: VW010861.D
Acq: 19 Jun 2019 20:00

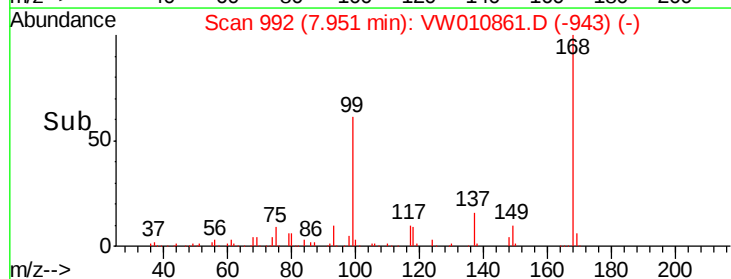
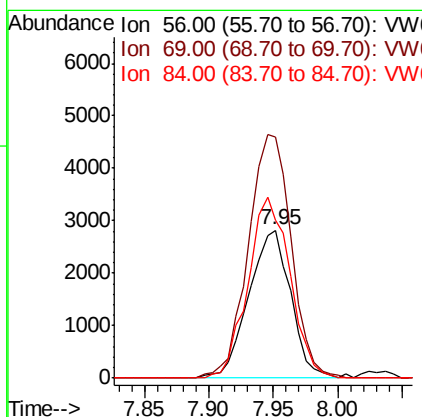
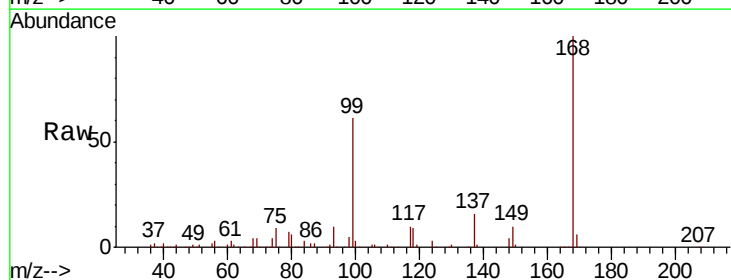
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-02-004-B

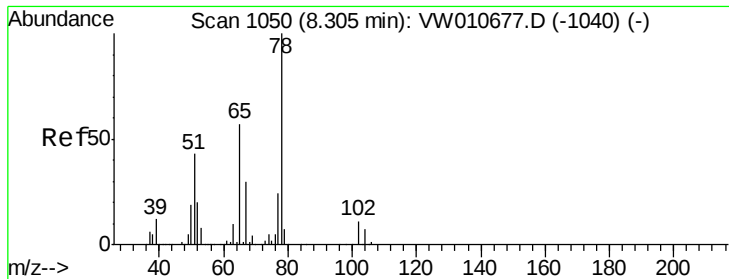
Tot Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
72 16.4 18.1 27.1#



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010861.D
Acq: 19 Jun 2019 20:00

Tgt Ion: 56 Resp: 6344
Ion Ratio Lower Upper
56 100
69 162.8 25.2 37.8#
84 106.4 62.2 93.2#





#33

1,2-Dichloroethane-d4

Concen: 57.814 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

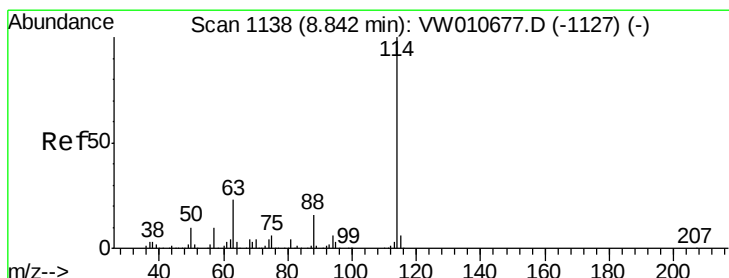
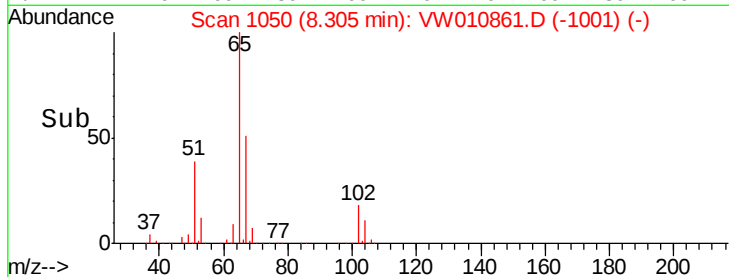
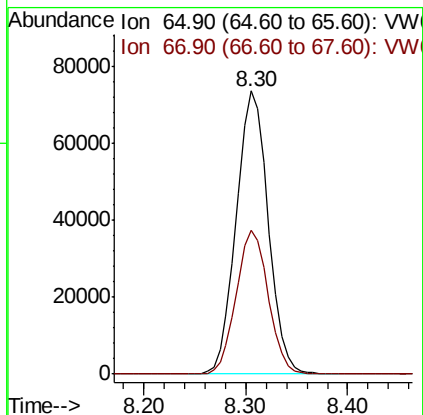
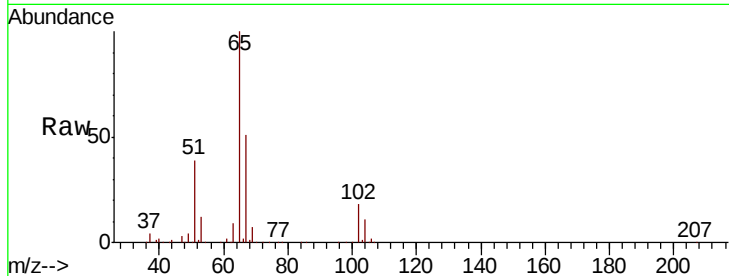
FK-SF-02-004-B

Tot Ion: 65 Resp: 160474

Ion Ratio Lower Upper

65 100

67 50.9 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: VW010861.D

Acq: 19 Jun 2019 20:00

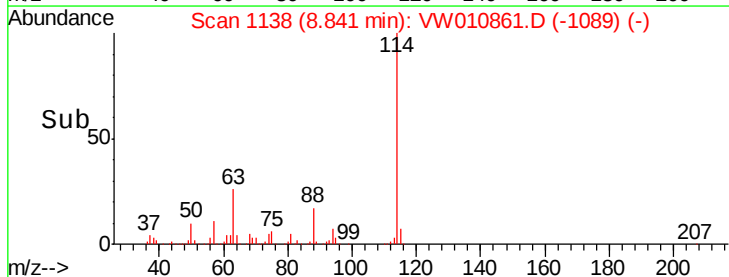
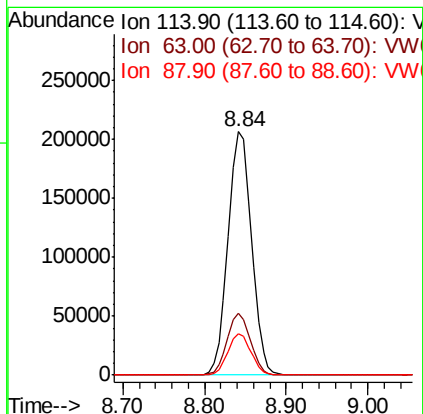
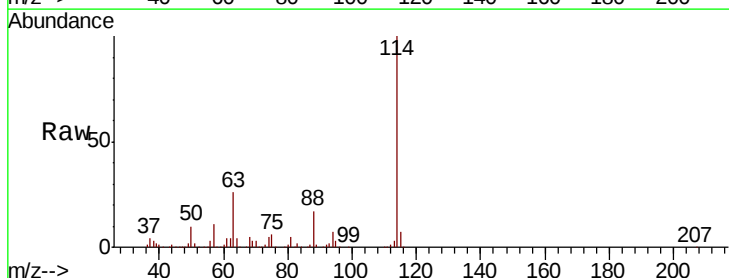
Tgt Ion: 114 Resp: 410528

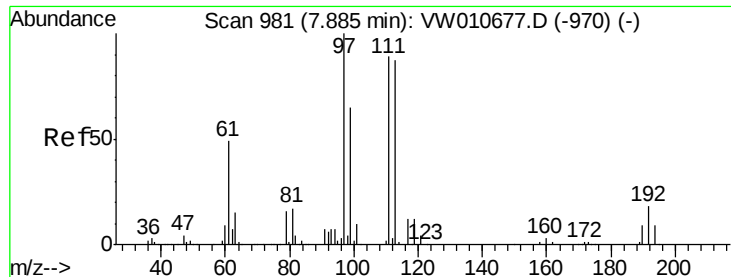
Ion Ratio Lower Upper

114 100

63 25.5 0.0 46.4

88 17.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.668 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-02-004-B

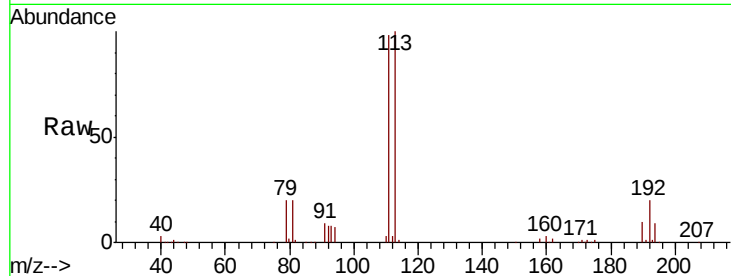
Tot Ion:113 Resp: 112901

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

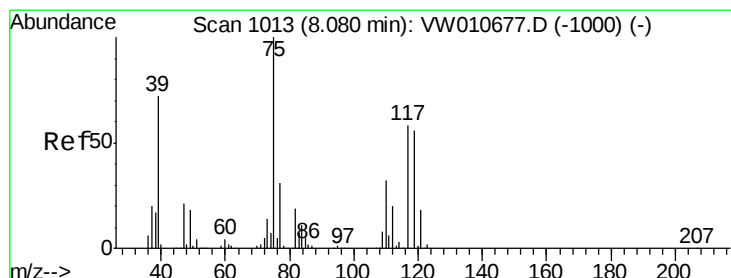
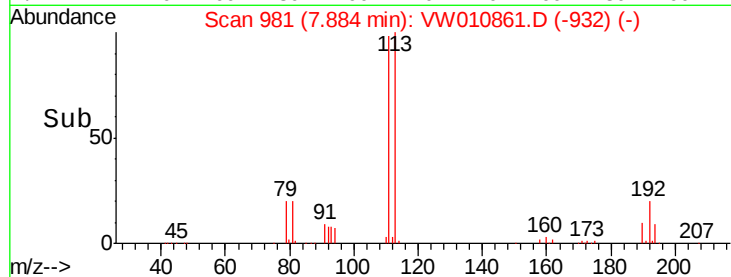
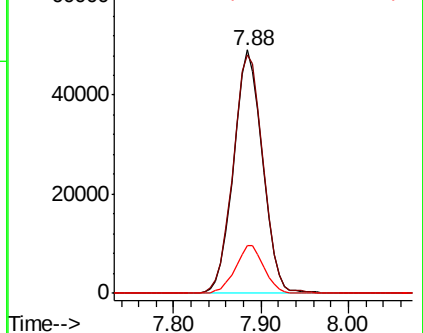
192 19.5 16.4 24.6



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: 5.073 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

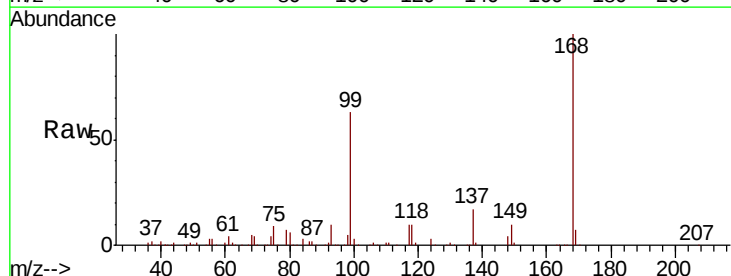
Tgt Ion: 75 Resp: 21318

Ion Ratio Lower Upper

75 100

110 8.6 15.8 47.3#

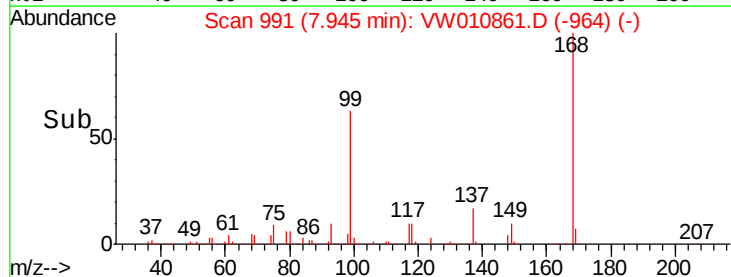
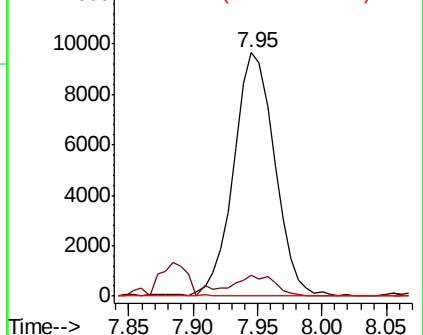
77 0.0 24.7 37.1#

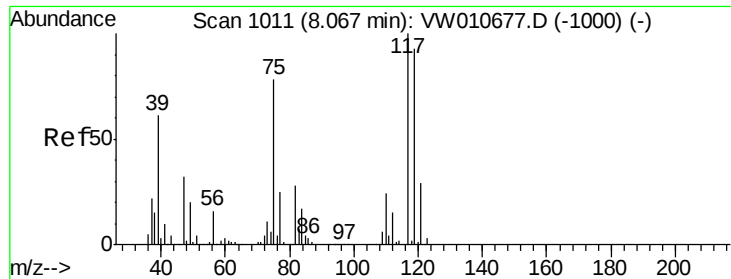


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

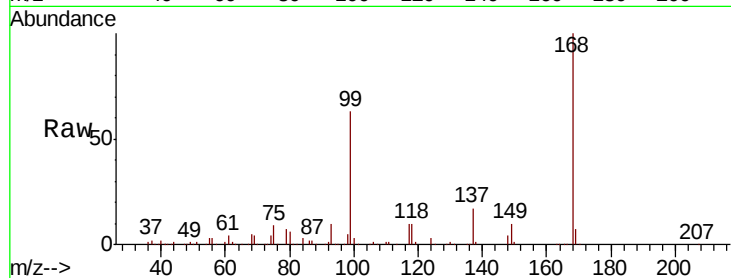




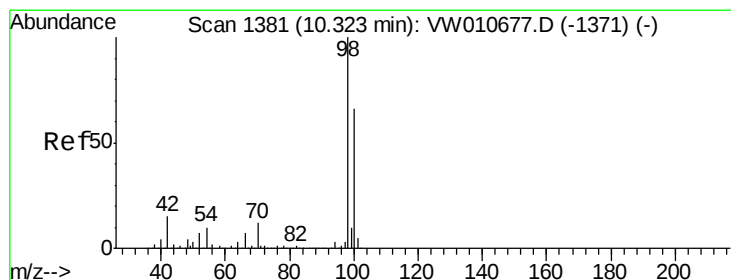
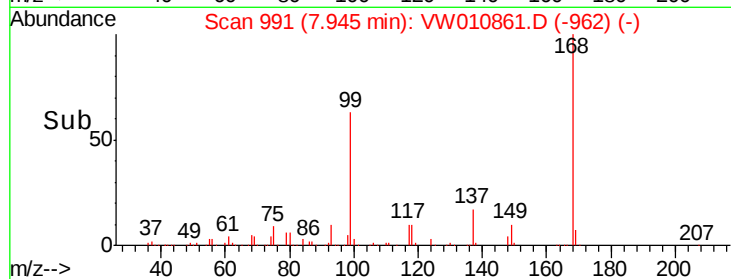
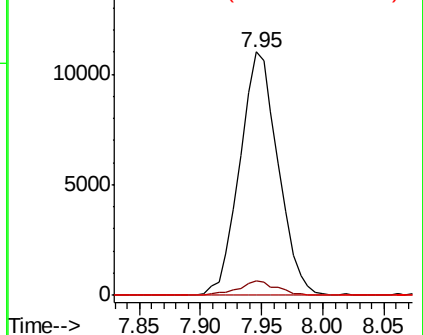
#38
Carbon Tetrachloride
Concen: 6.588 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010861.D
Acq: 19 Jun 2019 20:00

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-02-004-B

Tot Ion:117 Resp: 23899
Ion Ratio Lower Upper
117 100
119 6.0 74.2 111.4#
121 0.0 22.9 34.3#

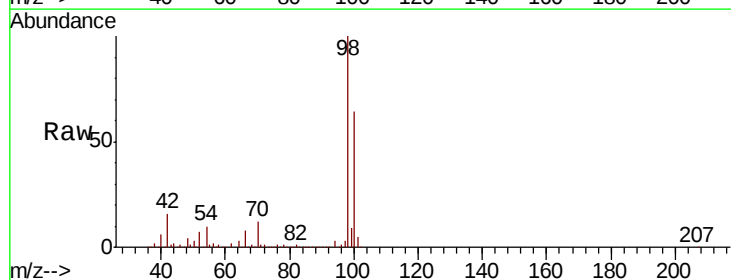


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

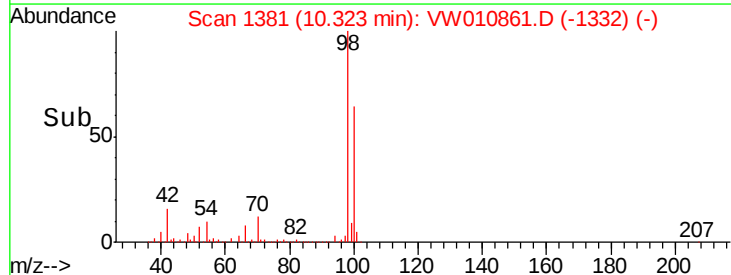
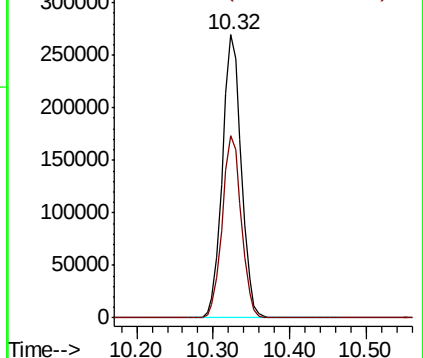


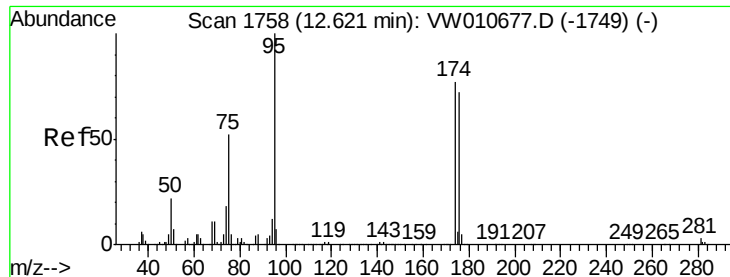
#50
Toluene-d8
Concen: 47.062 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010861.D
Acq: 19 Jun 2019 20:00

Tgt Ion: 98 Resp: 459854
Ion Ratio Lower Upper
98 100
100 64.8 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: 48.078 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-02-004-B

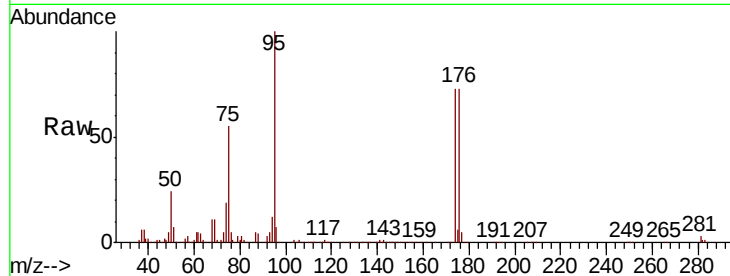
Tot Ion: 95 Resp: 170947

Ion Ratio Lower Upper

95 100

174 73.4 0.0 150.4

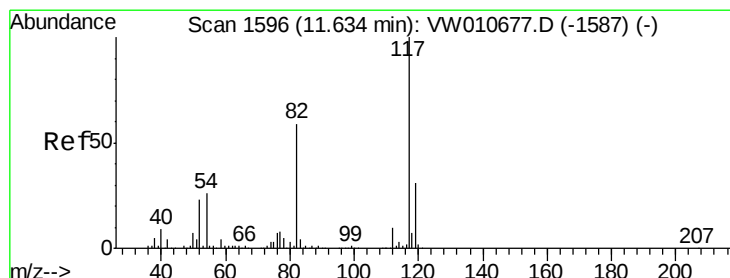
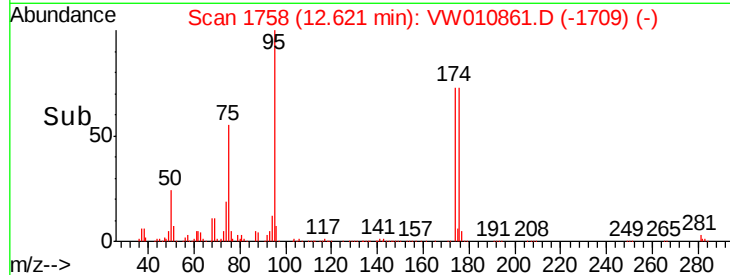
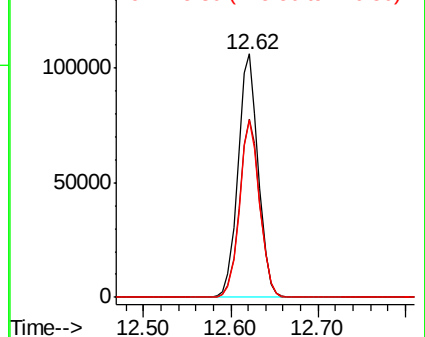
176 71.9 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

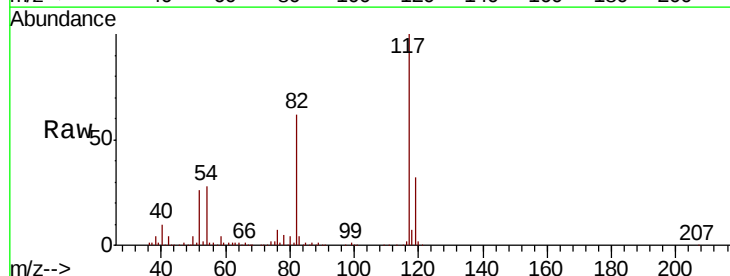
Tgt Ion: 117 Resp: 365056

Ion Ratio Lower Upper

117 100

82 61.9 47.0 70.4

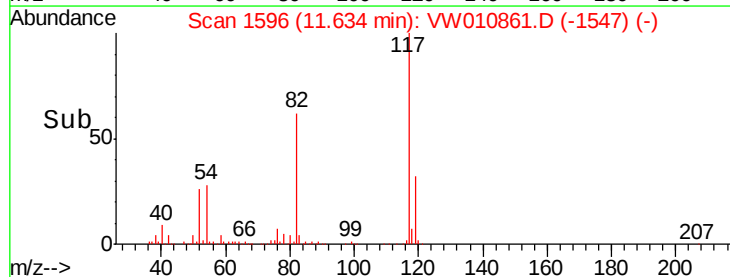
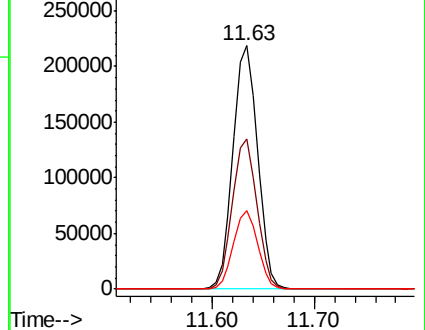
119 32.5 25.1 37.7

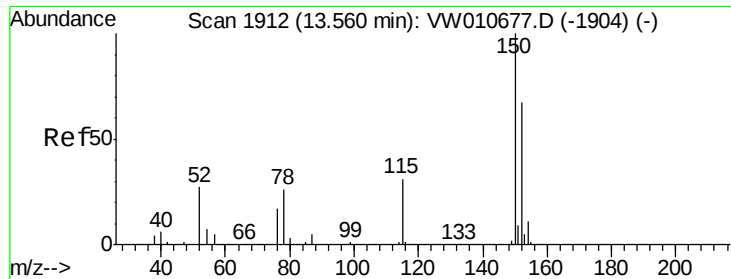


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-02-004-B

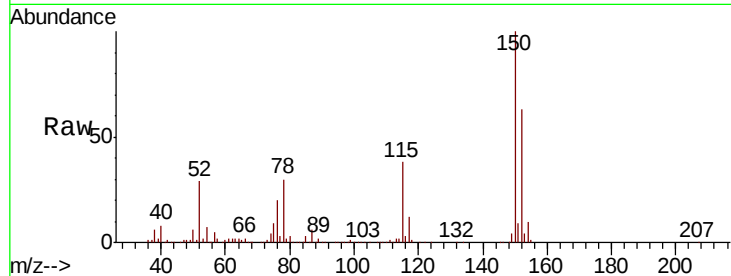
Tot Ion:152 Resp: 168545

Ion Ratio Lower Upper

152 100

115 60.7 29.8 89.3

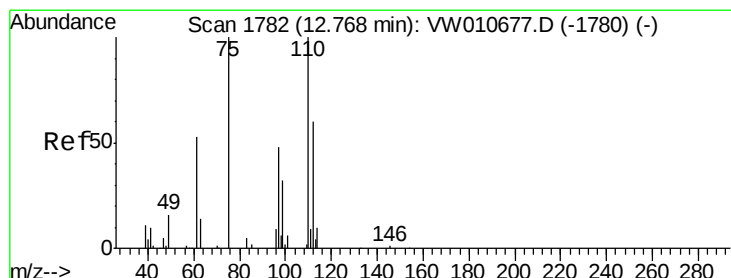
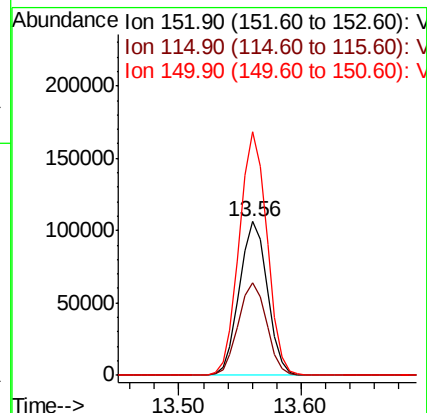
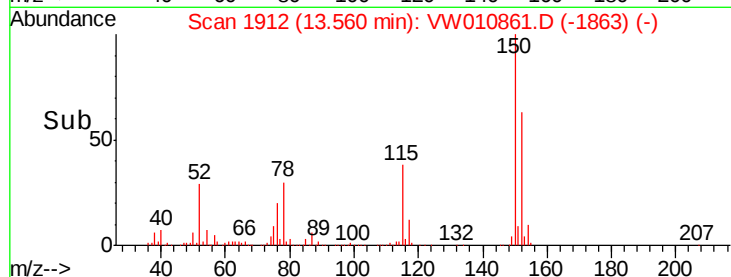
150 156.6 0.0 345.0



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: 53.524 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010861.D

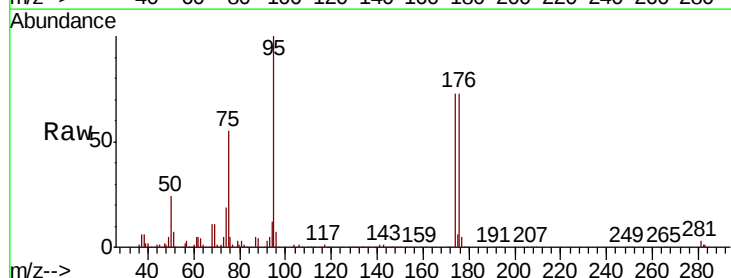
Acq: 19 Jun 2019 20:00

Tgt Ion: 75 Resp: 94735

Ion Ratio Lower Upper

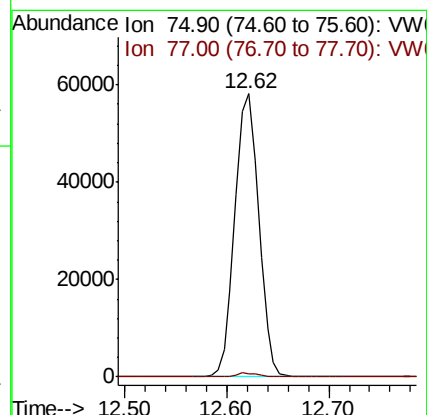
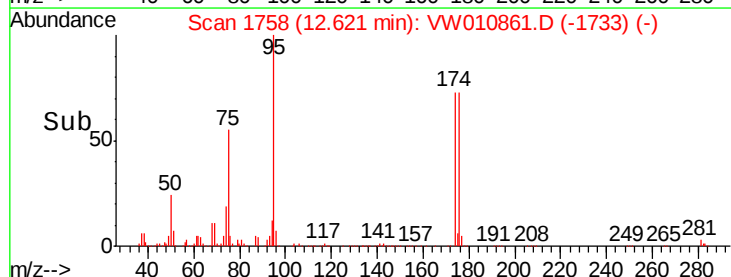
75 100

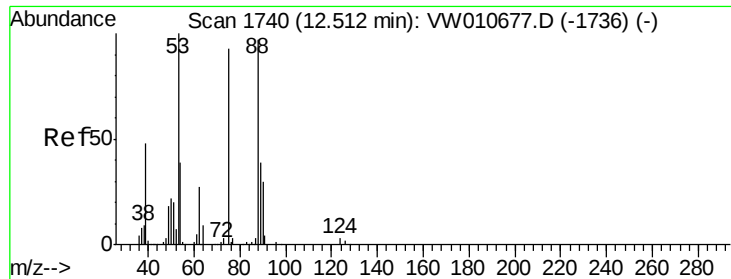
77 1.2 0.0 0.0#



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: 123.016 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010861.D

Acq: 19 Jun 2019 20:00

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-02-004-B

Tot Ion: 75 Resp: 94735

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

