

Data File : VW010730.D
Acq On : 07 Jun 2019 15:47
Operator : SY/VA
Sample : K3248-04RE
Misc : 6.19G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 08 02:40:17 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	179387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	307649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131893	62.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.76%	
35) Dibromofluoromethane	7.88	113	93084	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	
50) Toluene-d8	10.32	98	401251	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
62) 4-Bromofluorobenzene	12.62	95	139153	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

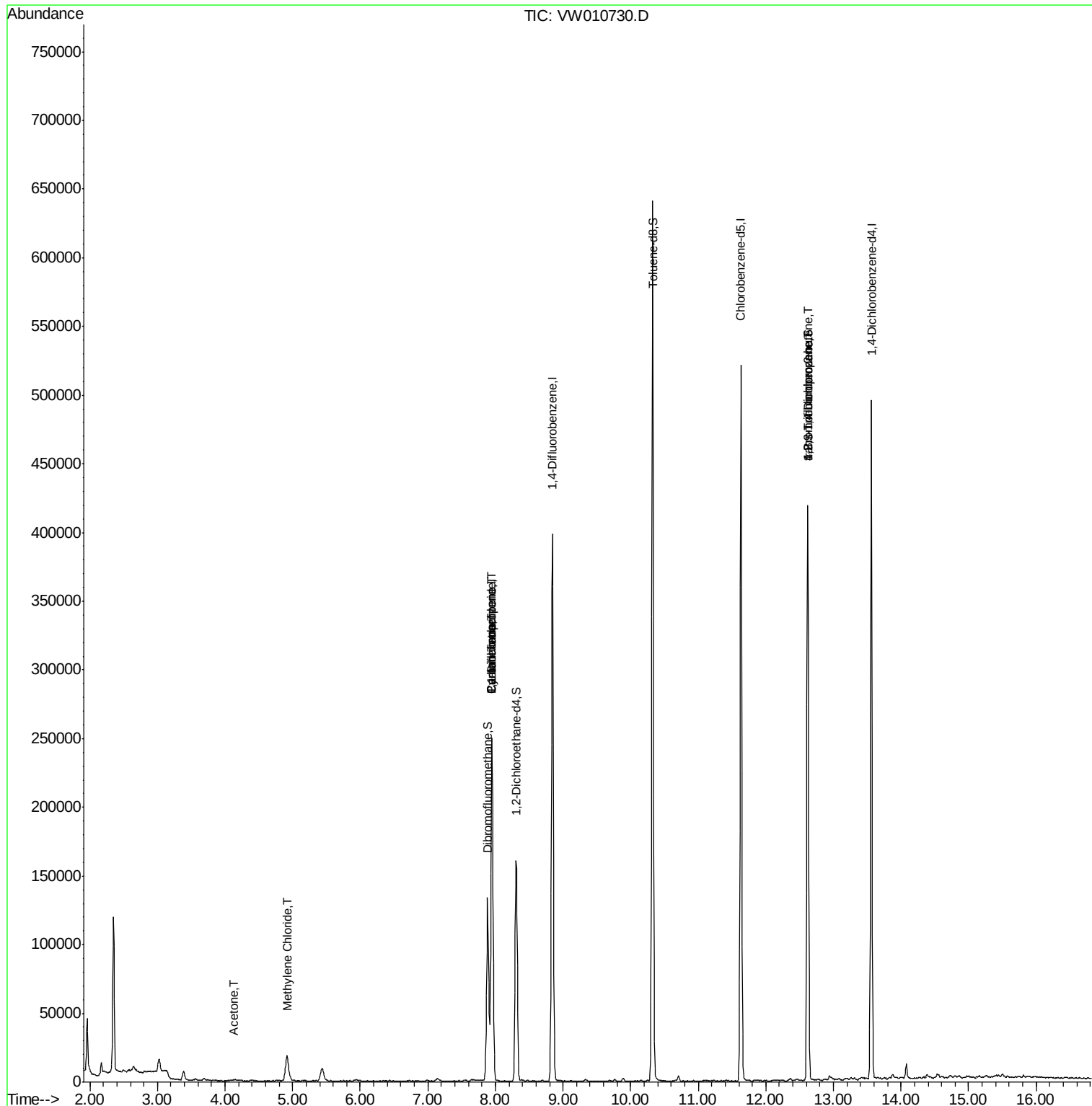
						Qvalue
16) Acetone	4.14	43	1941	3.426	ug/l #	83
20) Methylene Chloride	4.92	84	12730	6.405	ug/l	97
31) Cyclohexane	7.95	56	5962	1.398	ug/l #	16
36) 1,1-Dichloropropene	7.95	75	16052	5.097	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18404	6.770	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75323	61.737	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75323	141.892	ug/l #	5

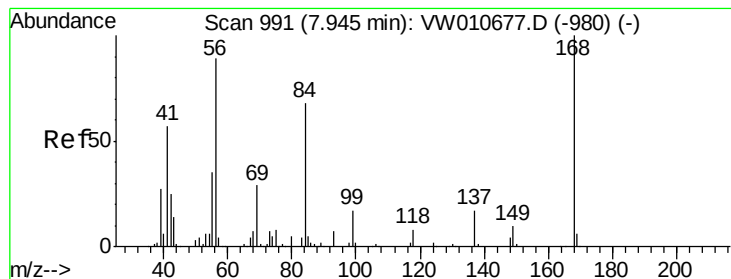
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010730.D

Acq: 07 Jun 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

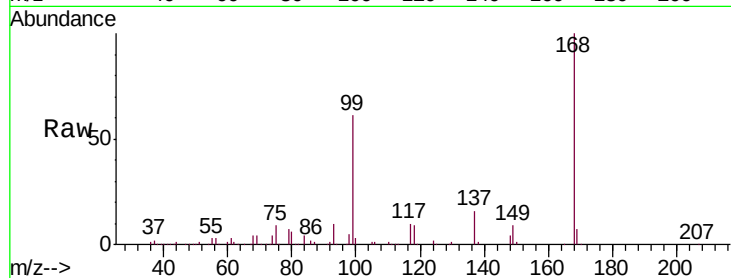
FK-GF-02-042-BRE

Tgt Ion:168 Resp: 179387

Ion Ratio Lower Upper

168 100

99 60.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

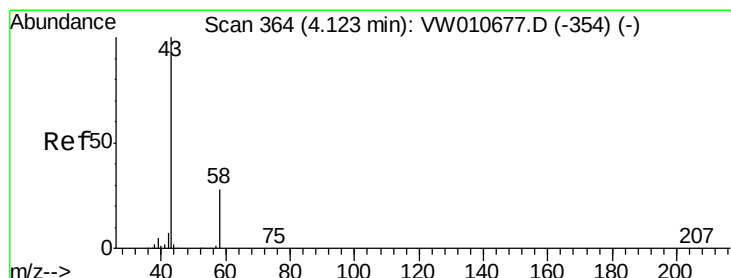
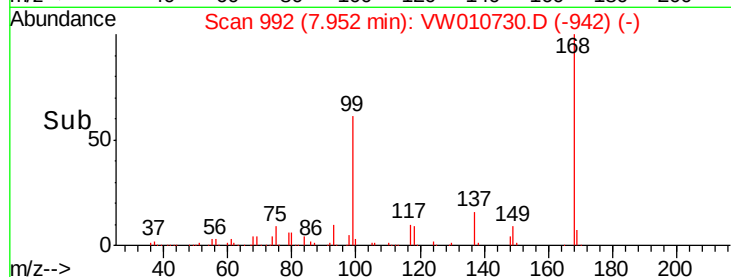
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 3.426 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010730.D

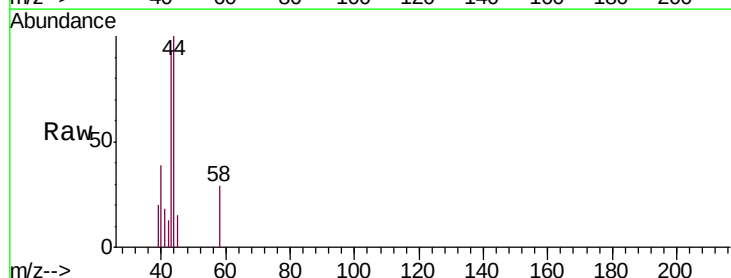
Acq: 07 Jun 2019 15:47

Tgt Ion: 43 Resp: 1941

Ion Ratio Lower Upper

43 100

58 36.5 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

500

400

300

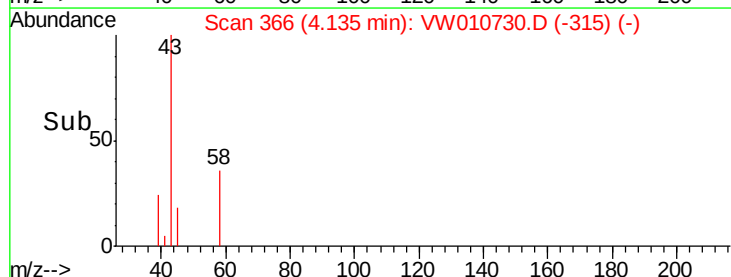
200

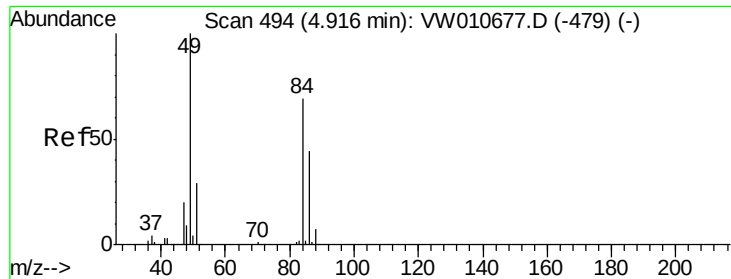
100

0

4.10 4.20

Time-->





#20

Methylene Chloride

Concen: 6.405 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010730.D

Acq: 07 Jun 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-042-BRE

Tgt Ion: 84 Resp: 12730

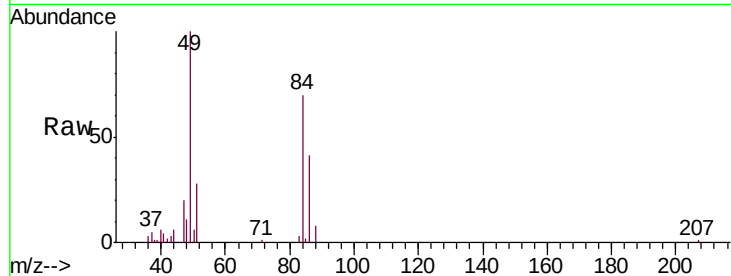
Ion Ratio Lower Upper

84 100

49 143.7 116.7 175.1

51 39.9 34.2 51.2

86 58.8 51.2 76.8

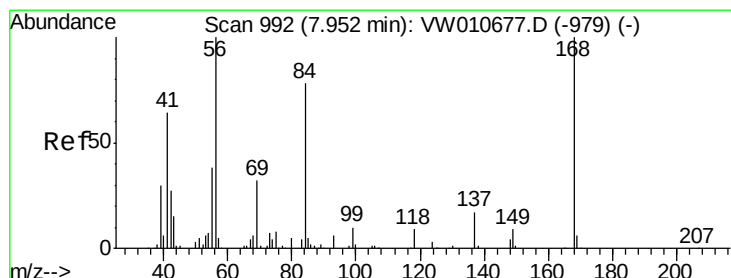
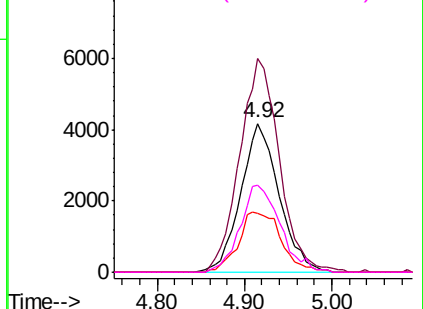
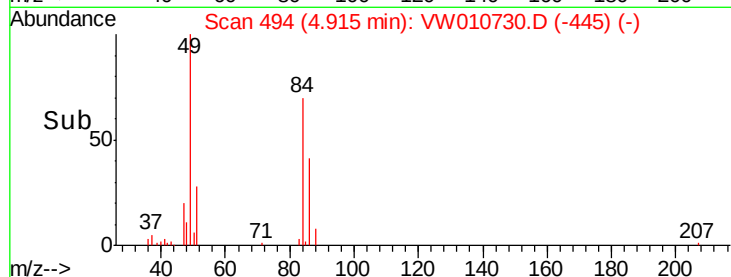


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#31

Cyclohexane

Concen: 1.398 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010730.D

Acq: 07 Jun 2019 15:47

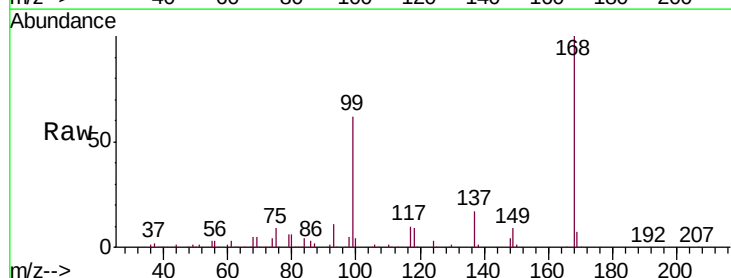
Tgt Ion: 56 Resp: 5962

Ion Ratio Lower Upper

56 100

69 133.3 25.2 37.8#

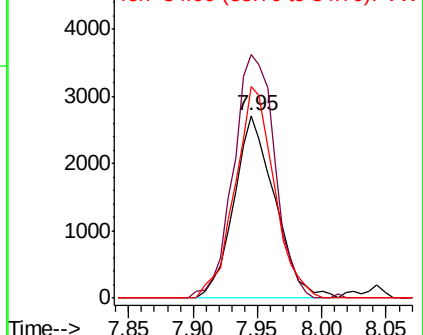
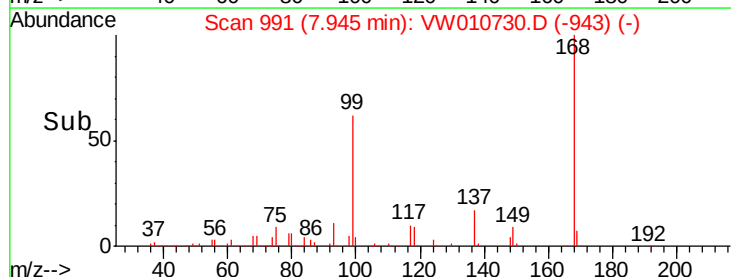
84 115.7 62.2 93.2#

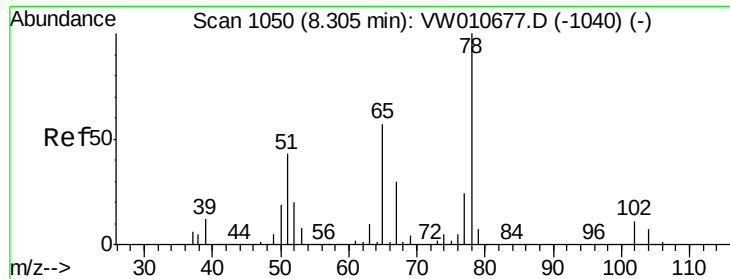


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

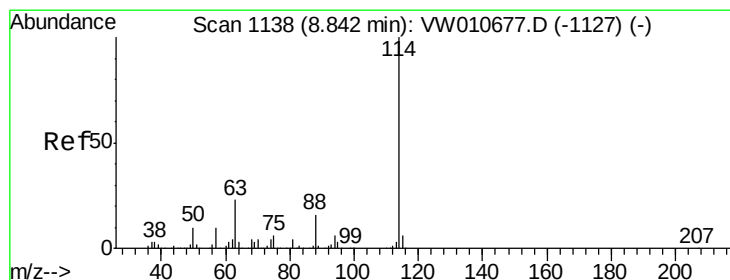
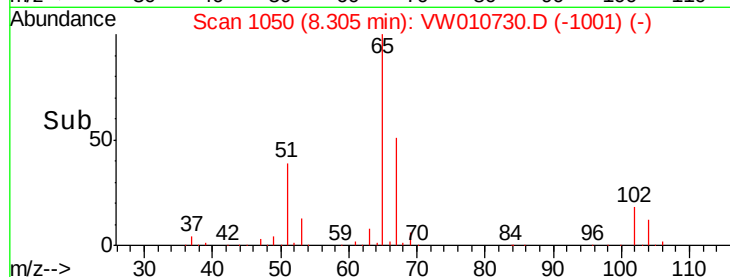
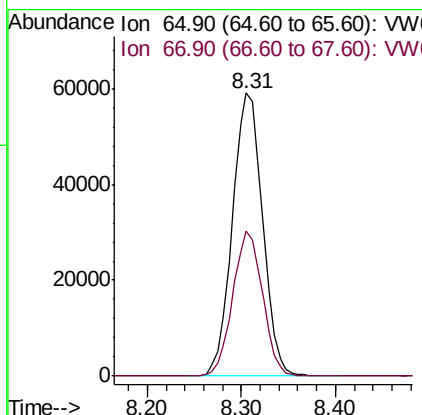
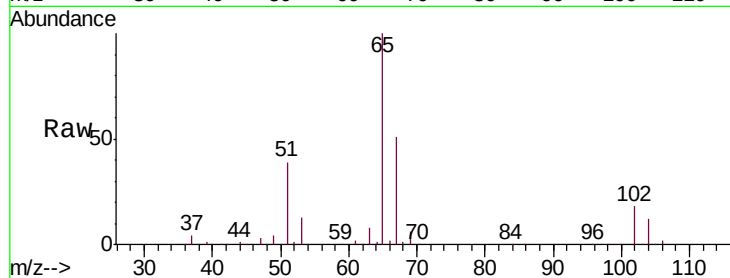




#33
 1,2-Dichloroethane-d4
 Concen: 62.379 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010730.D
 Acq: 07 Jun 2019 15:47

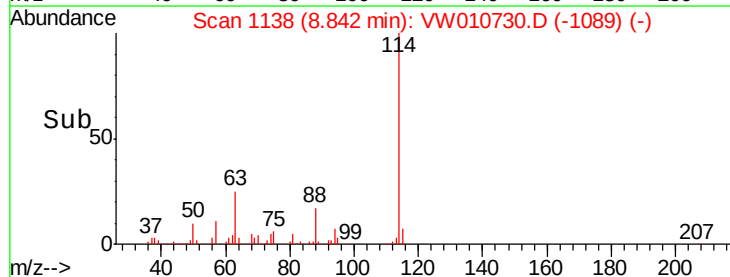
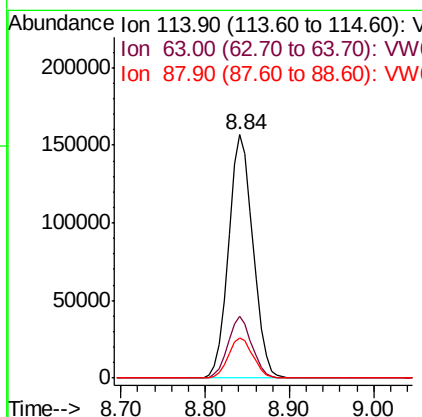
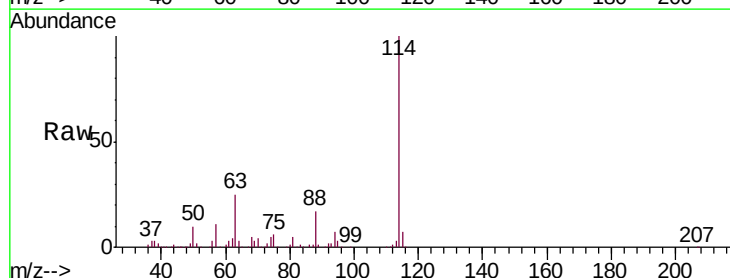
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-042-BRE

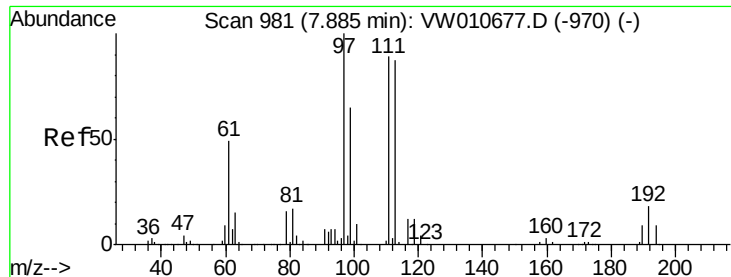
Tgt Ion: 65 Resp: 131893
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010730.D
 Acq: 07 Jun 2019 15:47

Tgt Ion: 114 Resp: 307649
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 46.4
 88 16.5 0.0 32.2

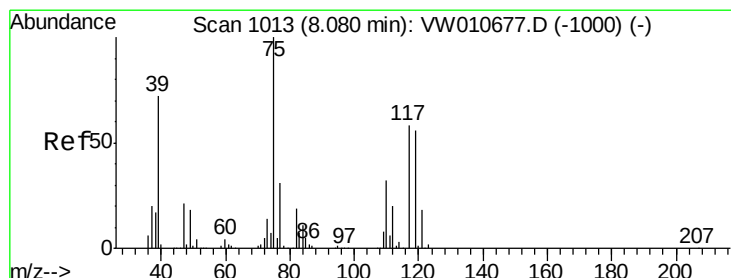
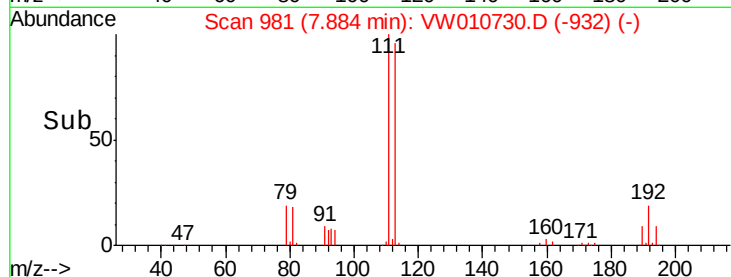
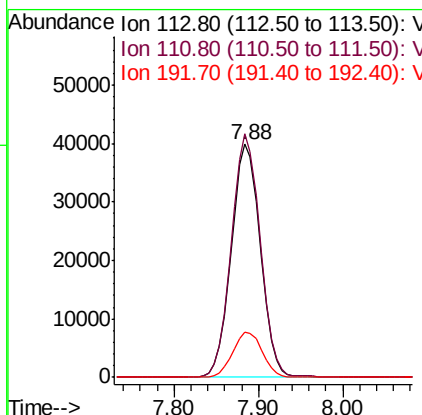
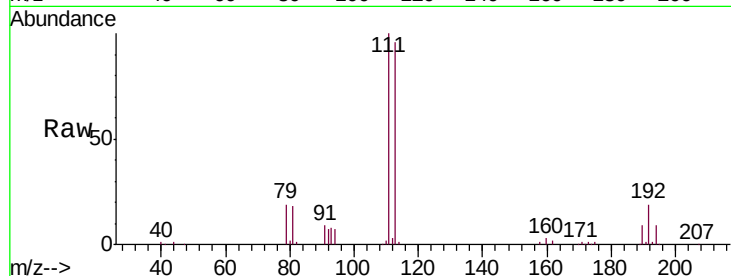




#35
 Dibromofluoromethane
 Concen: 55.744 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010730.D
 Acq: 07 Jun 2019 15:47

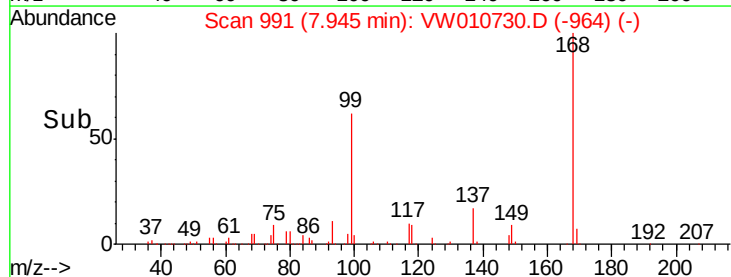
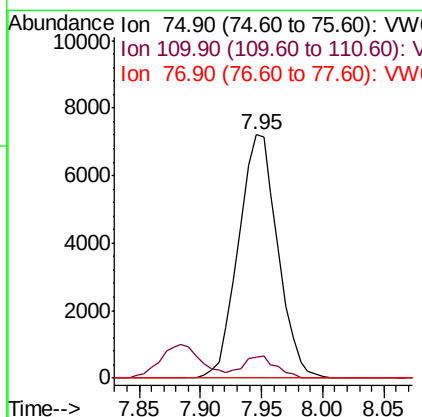
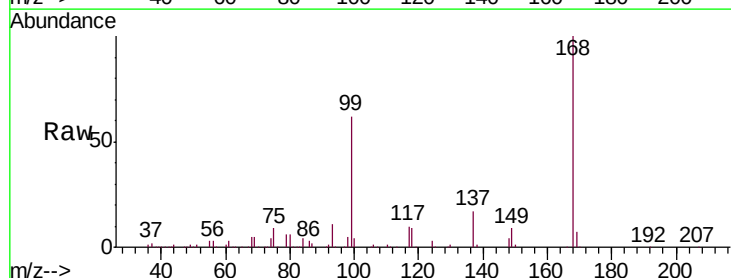
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-042-BRE

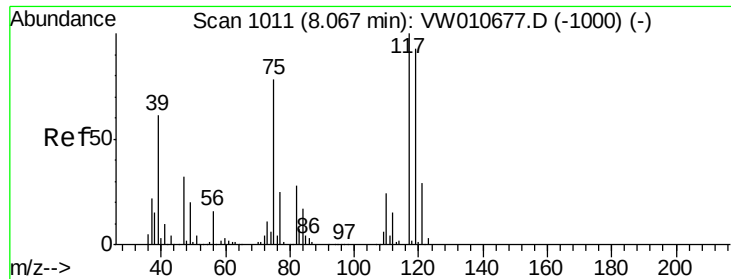
Tgt Ion: 113 Resp: 93084
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.6 123.8
 192 19.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 5.097 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010730.D
 Acq: 07 Jun 2019 15:47

Tgt Ion: 75 Resp: 16052
 Ion Ratio Lower Upper
 75 100
 110 7.8 15.8 47.3#
 77 0.0 24.7 37.1#

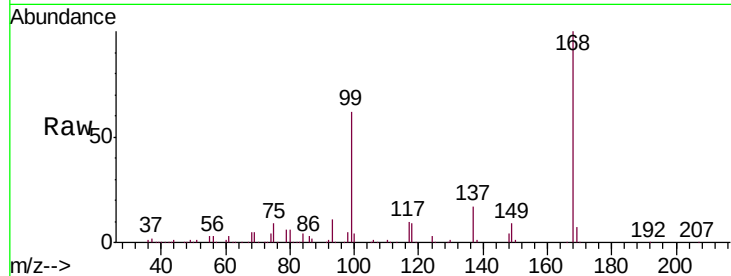




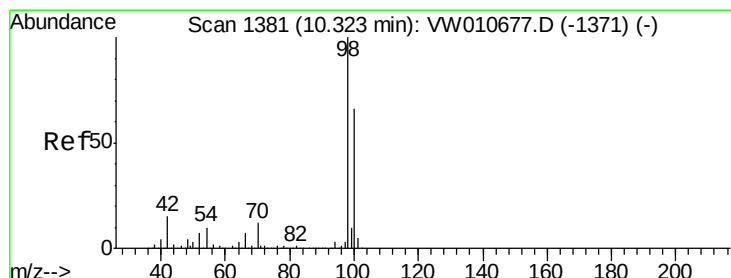
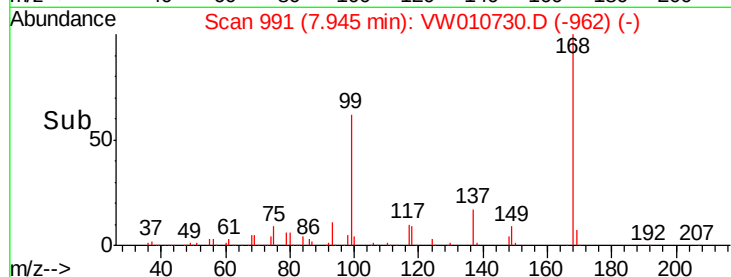
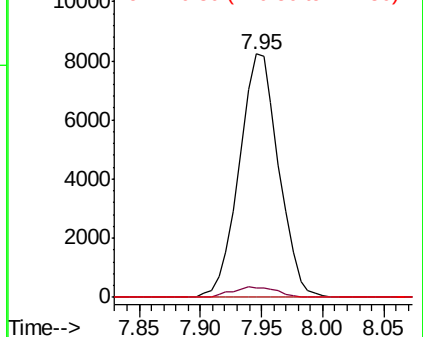
#38
Carbon Tetrachloride
Concen: 6.770 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010730.D
Acq: 07 Jun 2019 15:47

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

Tgt Ion:117 Resp: 18404
Ion Ratio Lower Upper
117 100
119 3.8 74.2 111.4#
121 0.0 22.9 34.3#

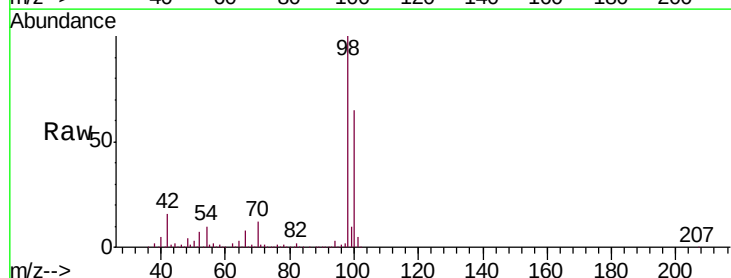


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

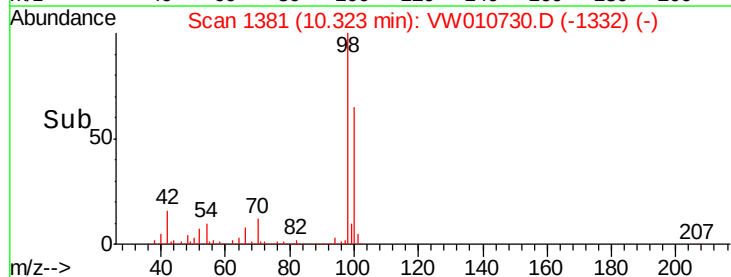
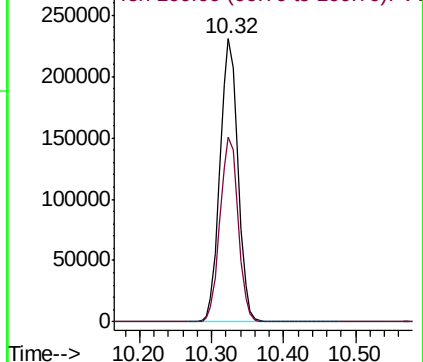


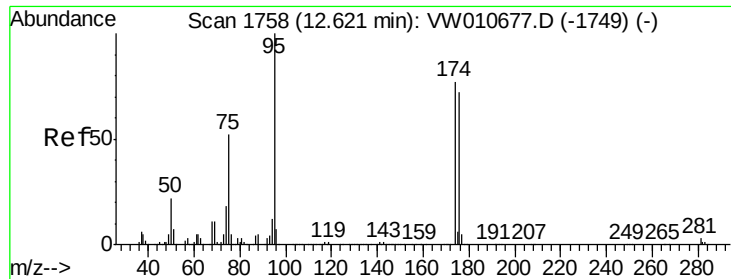
#50
Toluene-d8
Concen: 54.797 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010730.D
Acq: 07 Jun 2019 15:47

Tgt Ion: 98 Resp: 401251
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



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





#62

4-Bromofluorobenzene

Concen: 52.224 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010730.D

Acq: 07 Jun 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-042-BRE

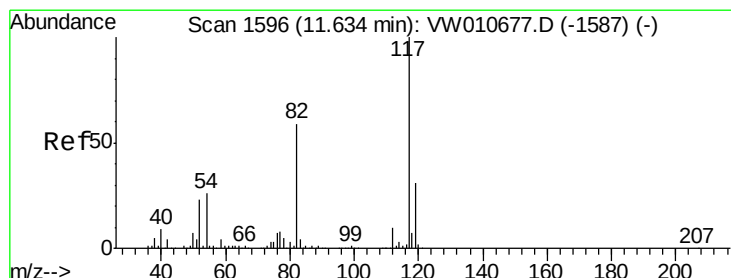
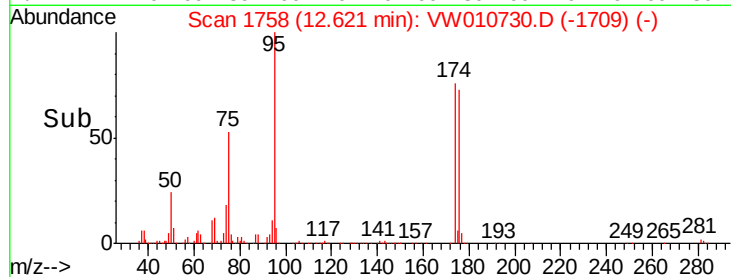
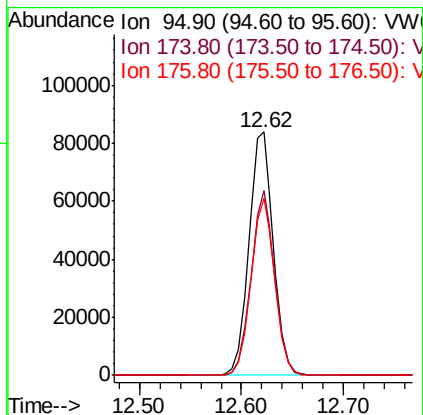
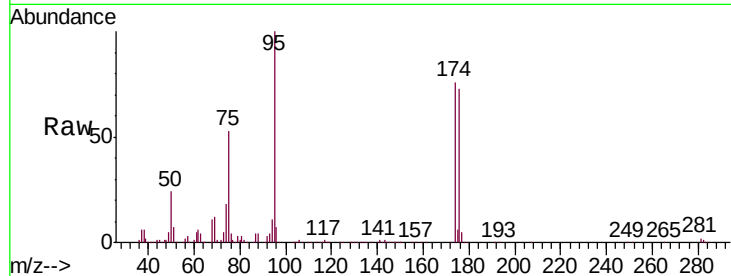
Tgt Ion: 95 Resp: 139153

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

176 71.0 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: VW010730.D

Acq: 07 Jun 2019 15:47

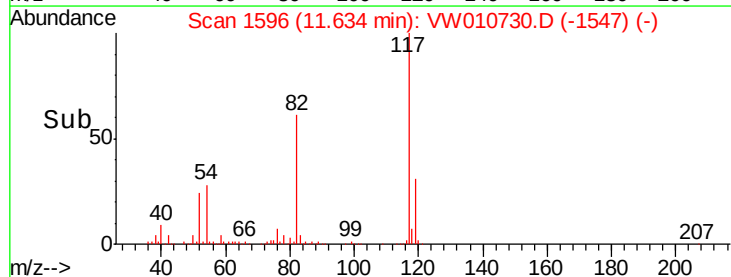
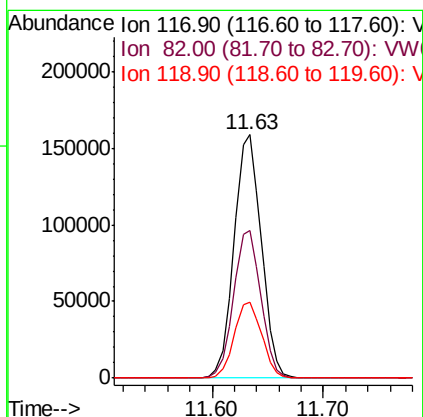
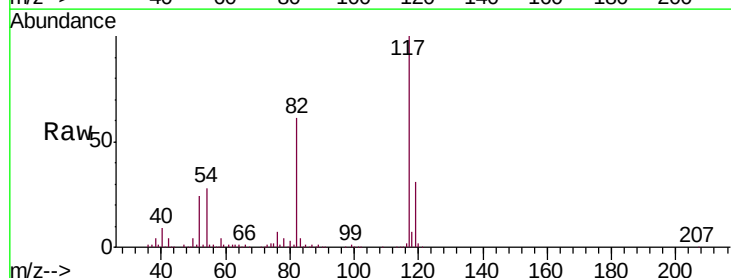
Tgt Ion: 117 Resp: 268672

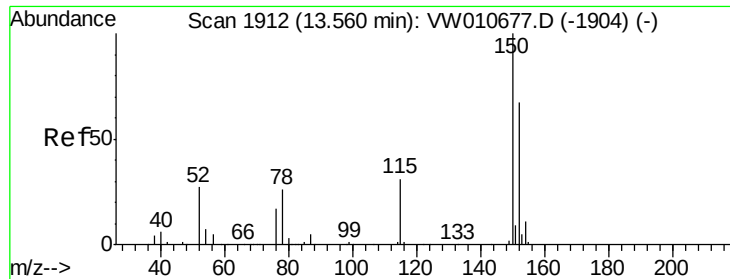
Ion Ratio Lower Upper

117 100

82 60.5 47.0 70.4

119 31.3 25.1 37.7

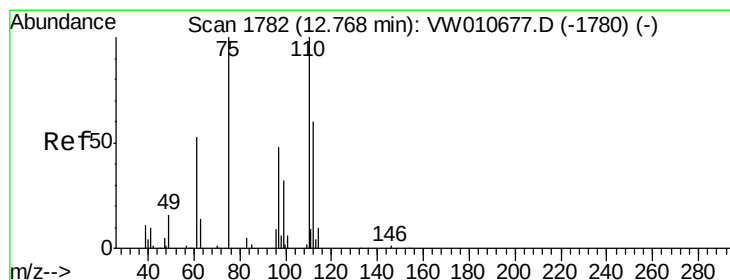
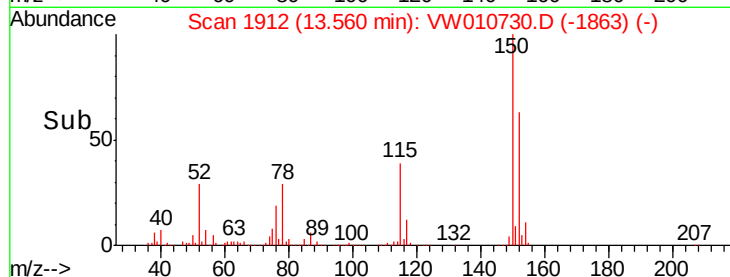
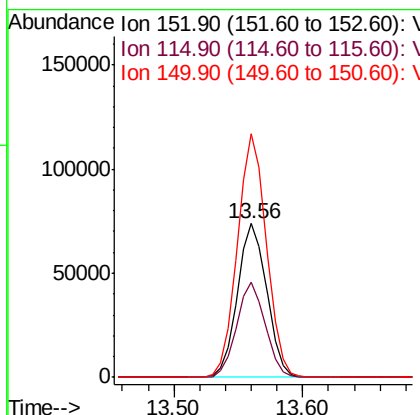
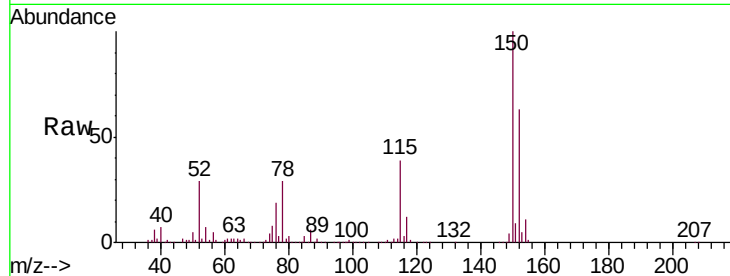




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010730.D
 Acq: 07 Jun 2019 15:47

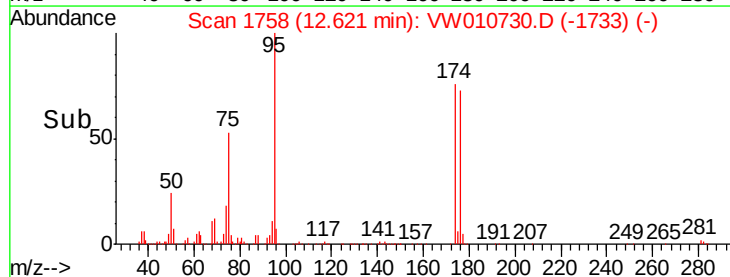
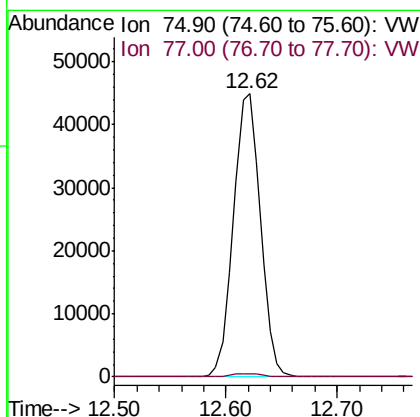
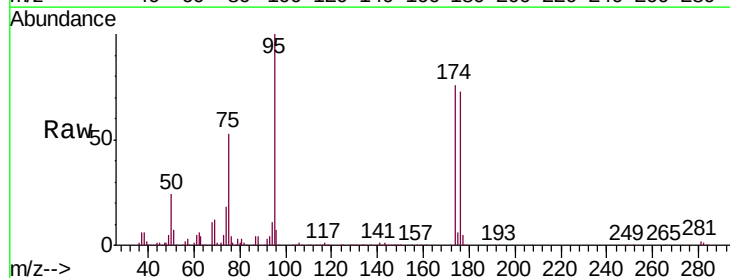
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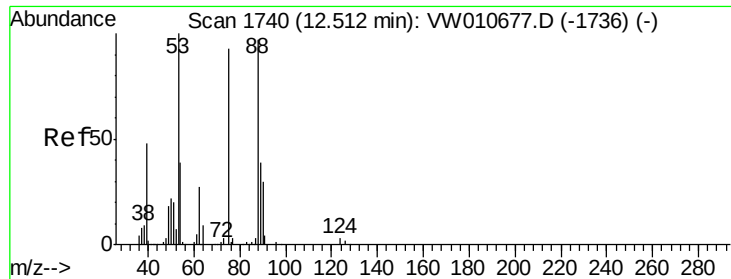
Tgt Ion:152 Resp: 116181
 Ion Ratio Lower Upper
 152 100
 115 60.6 29.8 89.3
 150 156.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 61.737 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW010730.D
 Acq: 07 Jun 2019 15:47

Tgt Ion: 75 Resp: 75323
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 141.892 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010730.D

Acq: 07 Jun 2019 15:47

Instrument :

MSVOA_W

ClientSampleId :

FK-GF-02-042-BRE

Tgt Ion: 75 Resp: 75323

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

