

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010862.D
 Acq On : 19 Jun 2019 20:27
 Operator : SY/VA
 Sample : K3438-02
 Misc : 4.93G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-01-005-A

Quant Time: Jun 20 05:49:52 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	229010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	359144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160504	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	154530	57.25	ug/l	0.00
Spiked Amount						
			Recovery	=	114.50%	
35) Dibromofluoromethane	7.88	113	109089	49.61	ug/l	0.00
Spiked Amount						
			Recovery	=	99.22%	
50) Toluene-d8	10.32	98	443449	45.99	ug/l	0.00
Spiked Amount						
			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.62	95	165056	47.04	ug/l	0.00
Spiked Amount						
			Recovery	=	94.08%	

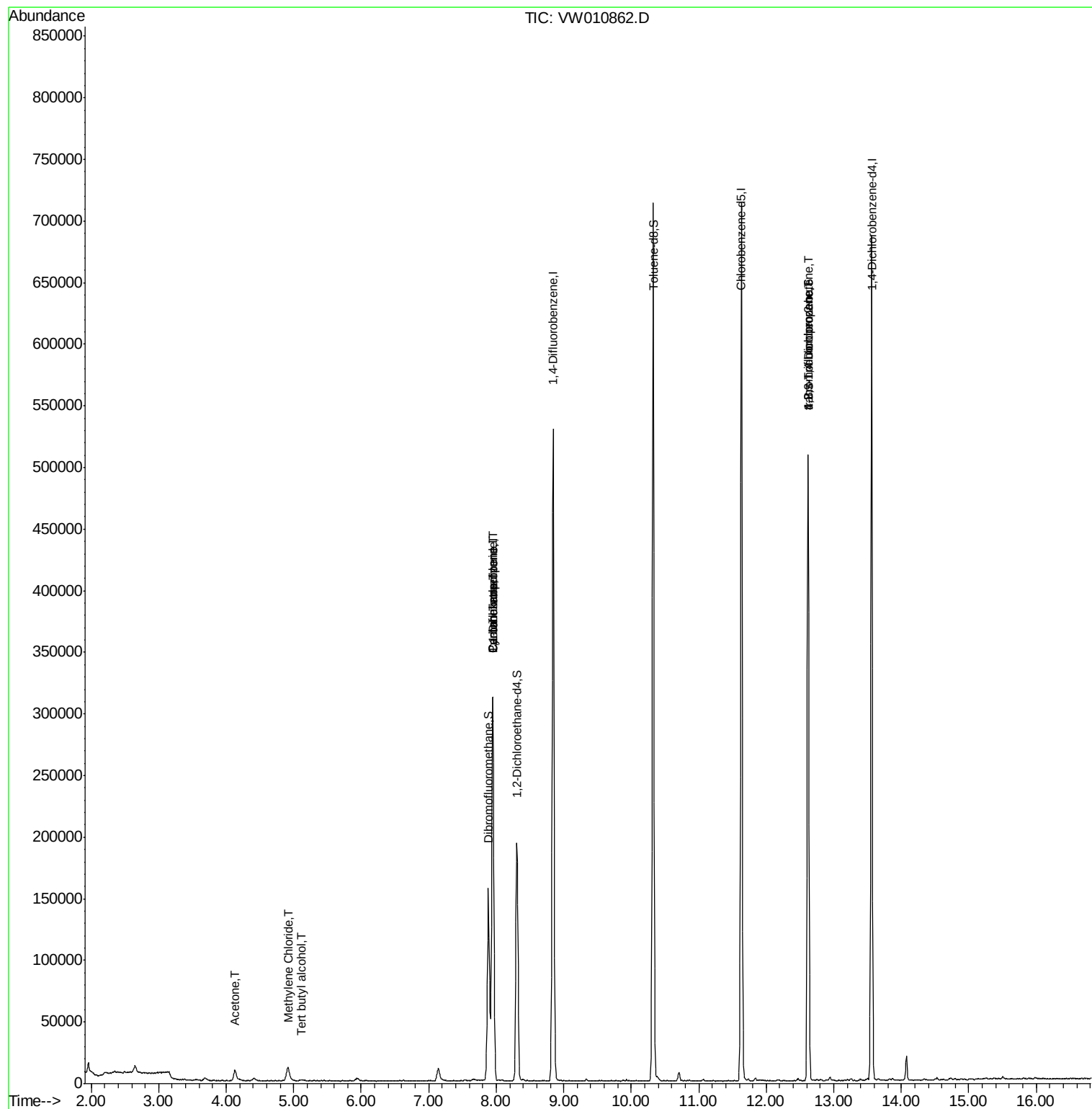
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	317	1.442	ug/l #	72
16) Acetone	4.13	43	16175	22.364	ug/l	96
20) Methylene Chloride	4.92	84	7507	2.959	ug/l #	92
31) Cyclohexane	7.95	56	6290	1.155	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	20734	5.000	ug/l #	51
38) Carbon Tetrachloride	7.95	117	23511	6.568	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	90742	53.836	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	90742	123.734	ug/l #	5

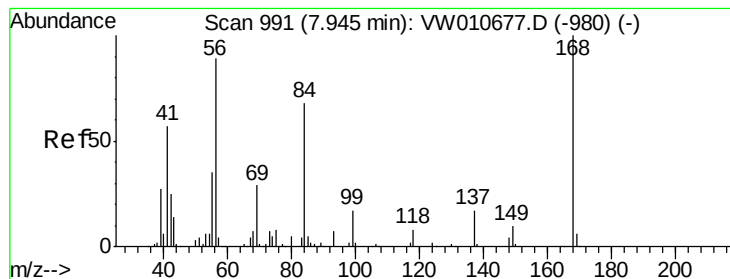
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010862.D

Acq: 19 Jun 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

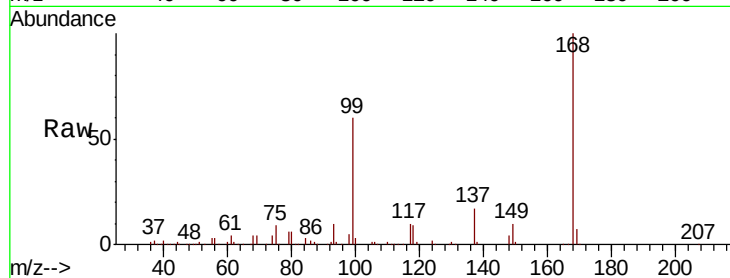
FK-SF-01-005-A

Tot Ion:168 Resp: 229010

Ion Ratio Lower Upper

168 100

99 59.8 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

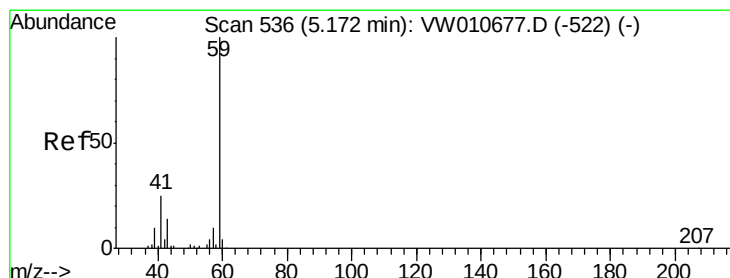
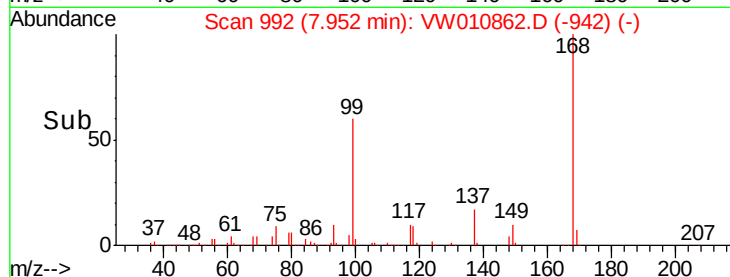
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.442 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW010862.D

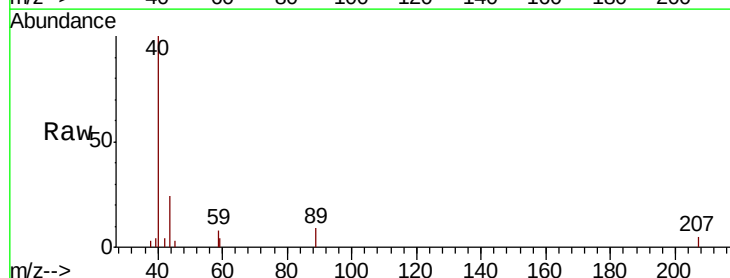
Acq: 19 Jun 2019 20:27

Tgt Ion: 59 Resp: 317

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.12

250

200

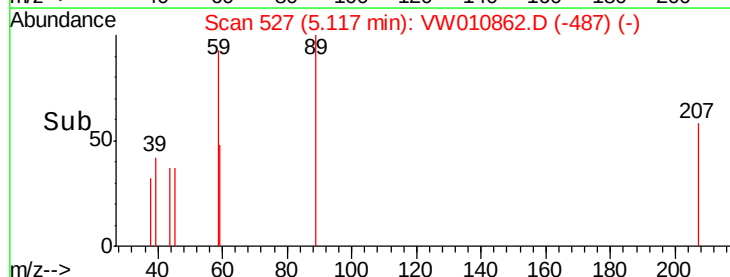
150

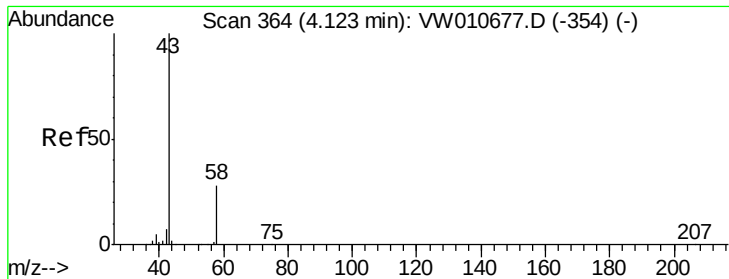
100

50

0

Time-->





#16

Acetone

Concen: 22.364 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010862.D

Acq: 19 Jun 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

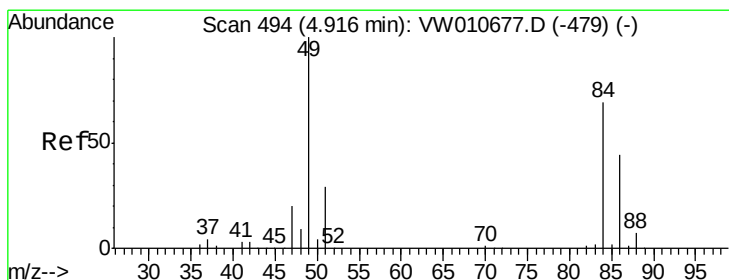
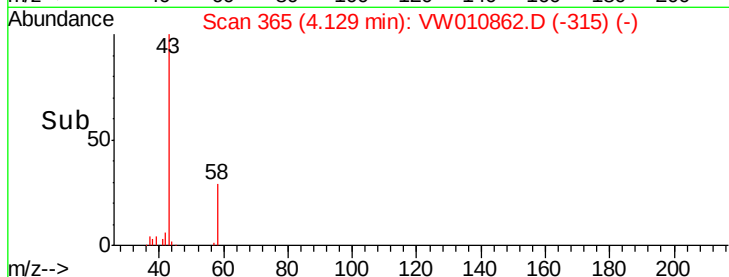
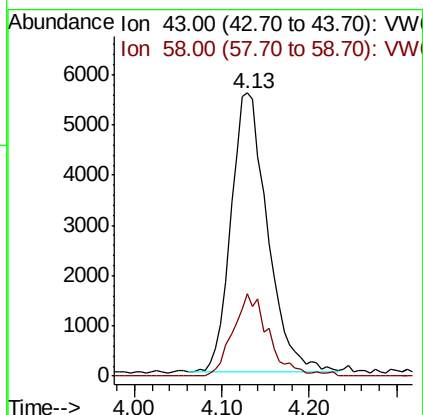
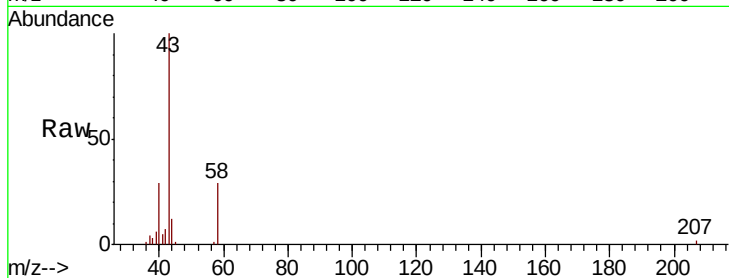
FK-SF-01-005-A

Tot Ion: 43 Resp: 16175

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1



#20

Methylene Chloride

Concen: 2.959 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW010862.D

Acq: 19 Jun 2019 20:27

Tgt Ion: 84 Resp: 7507

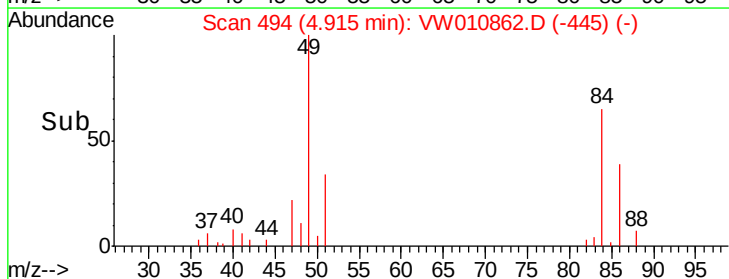
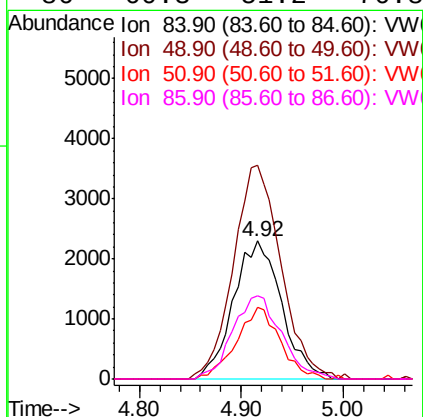
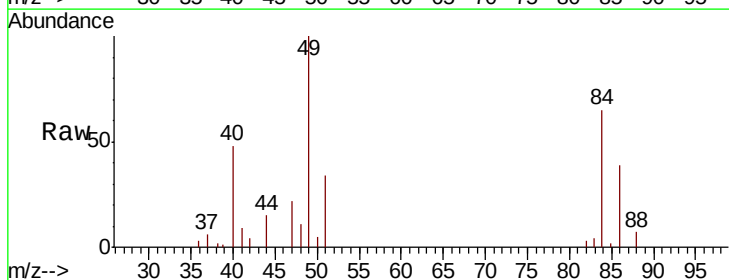
Ion Ratio Lower Upper

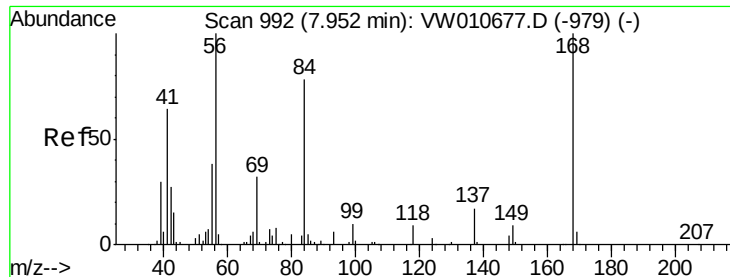
84 100

49 155.0 116.7 175.1

51 52.0 34.2 51.2#

86 60.3 51.2 76.8

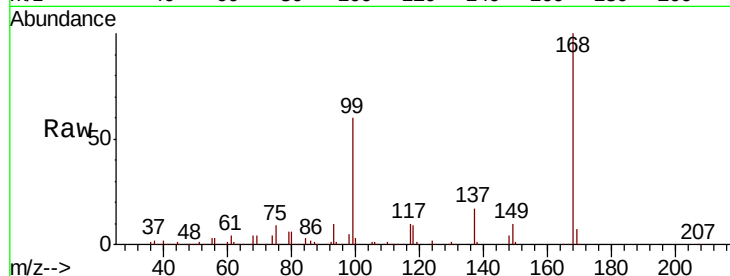




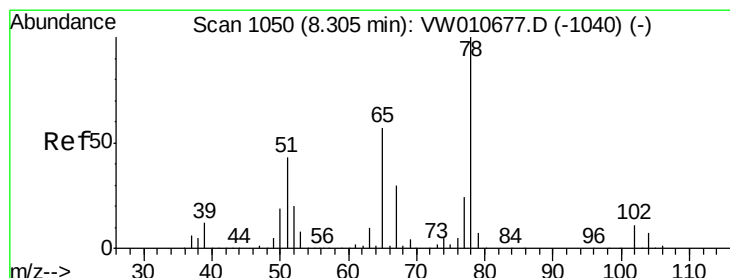
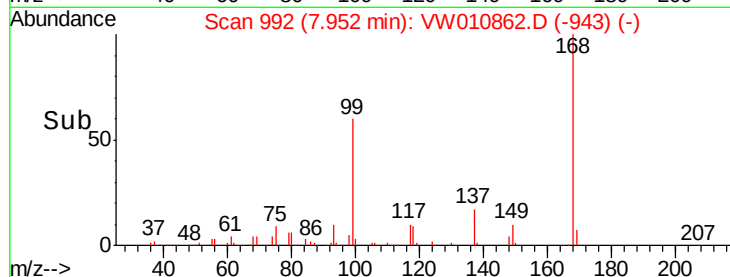
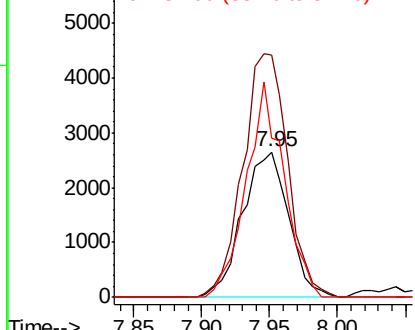
#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010862.D
Acq: 19 Jun 2019 20:27

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-A

Tot Ion: 56 Resp: 6290
Ion Ratio Lower Upper
56 100
69 166.8 25.2 37.8#
84 109.5 62.2 93.2#

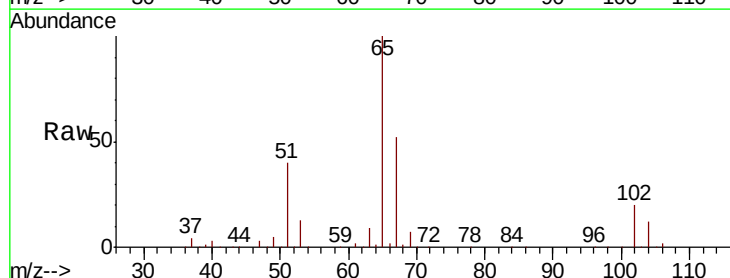


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

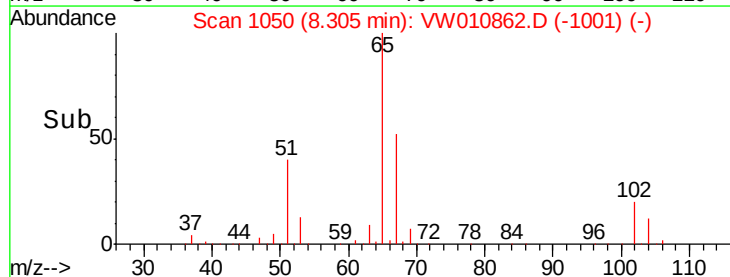
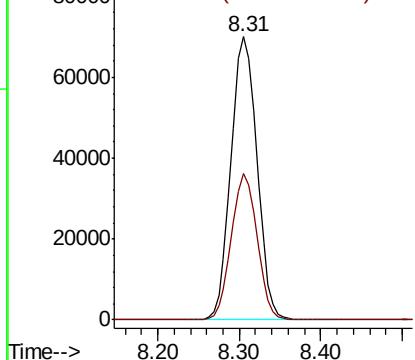


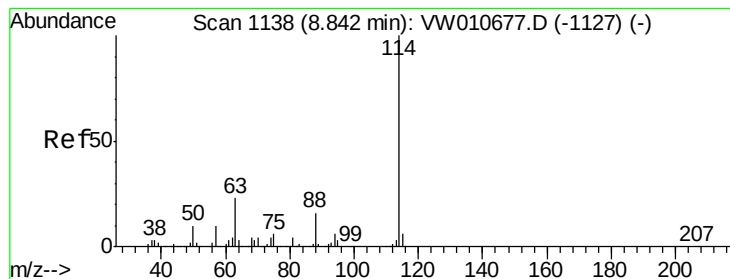
#33
1,2-Dichloroethane-d4
Concen: 57.249 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010862.D
Acq: 19 Jun 2019 20:27

Tgt Ion: 65 Resp: 154530
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010862.D

Acq: 19 Jun 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-01-005-A

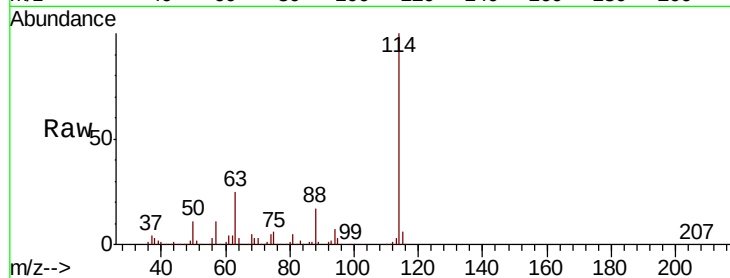
Tot Ion:114 Resp: 405118

Ion Ratio Lower Upper

114 100

63 25.0 0.0 46.4

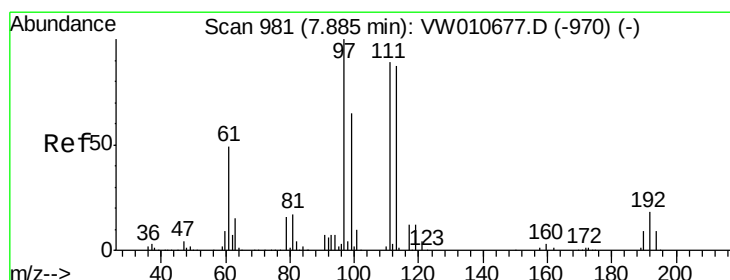
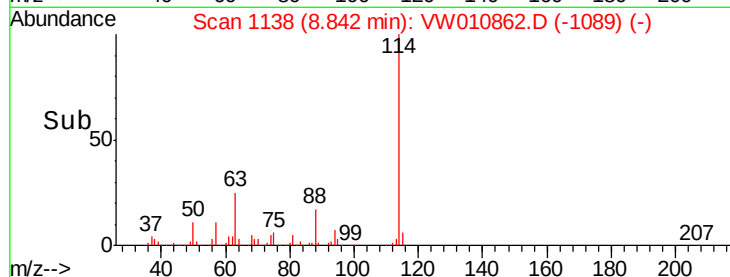
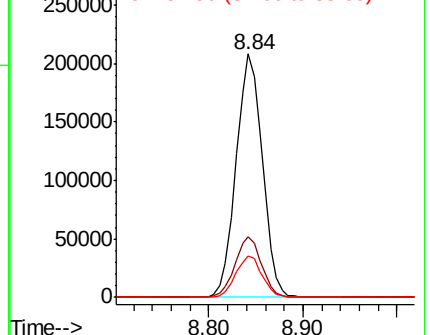
88 16.8 0.0 32.2



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: 49.611 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010862.D

Acq: 19 Jun 2019 20:27

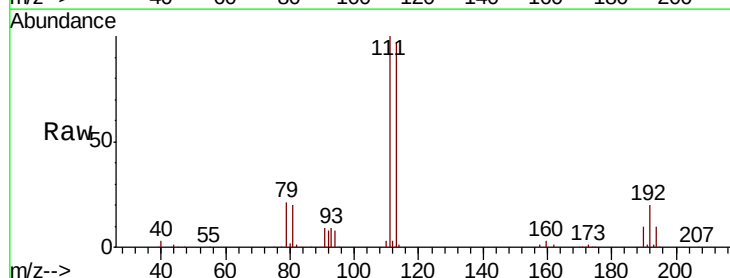
Tgt Ion:113 Resp: 109089

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

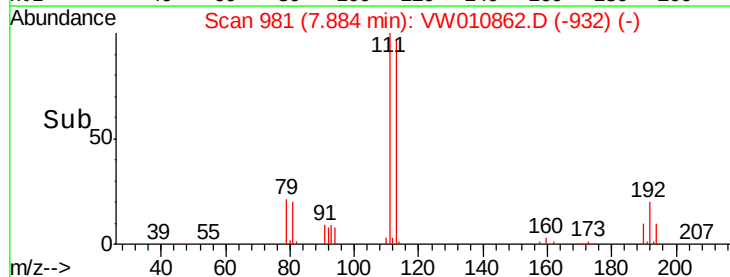
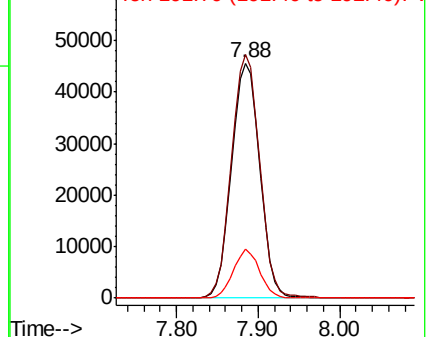
192 19.2 16.4 24.6

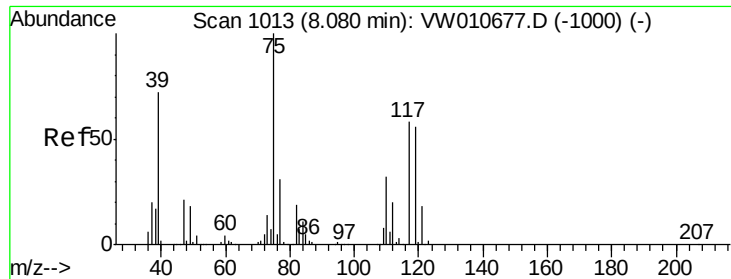


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

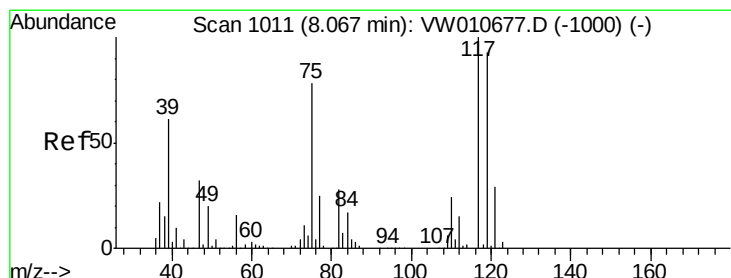
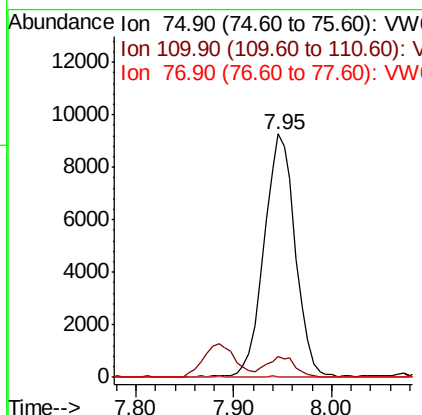
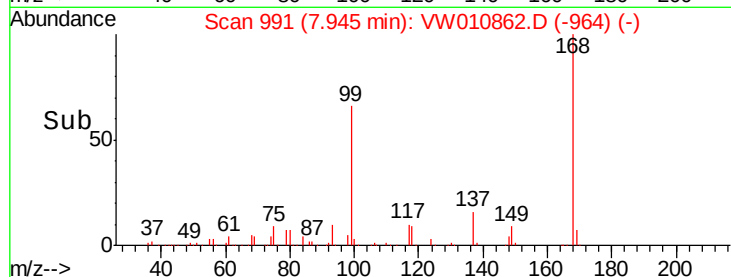
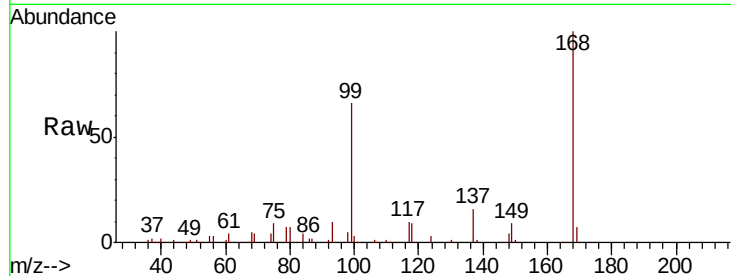




#36
 1,1-Dichloropropene
 Concen: 5.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010862.D
 Acq: 19 Jun 2019 20:27

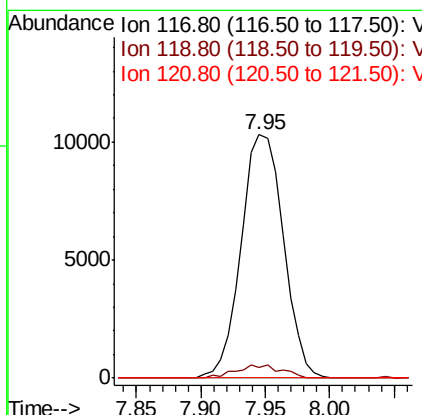
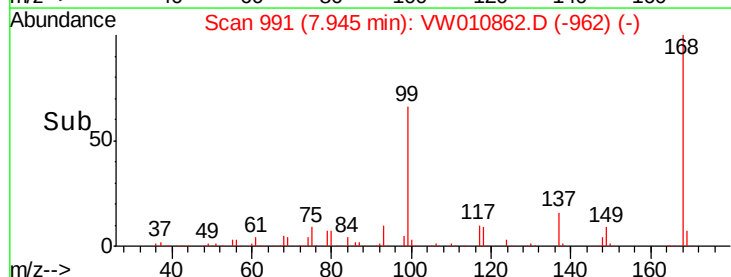
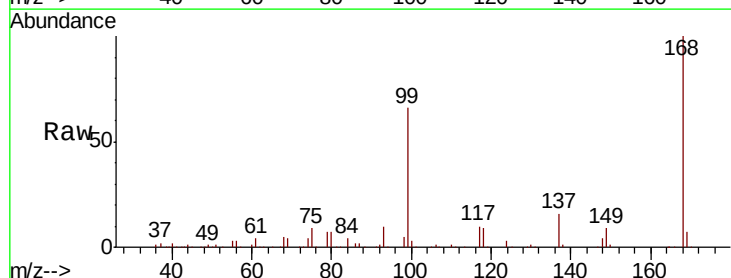
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-01-005-A

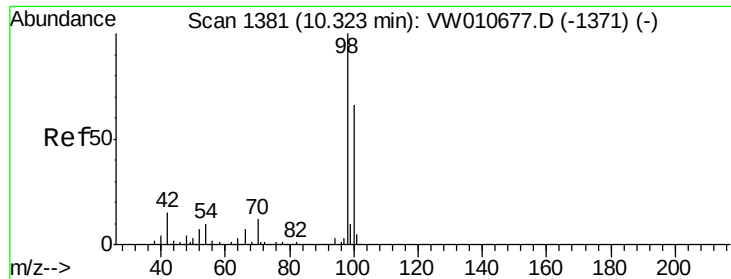
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	15.8	47.3#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.568 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010862.D
 Acq: 19 Jun 2019 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	74.2	111.4#
121	0.0	22.9	34.3#





#50

Toluene-d8

Concen: 45.989 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010862.D

Acq: 19 Jun 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

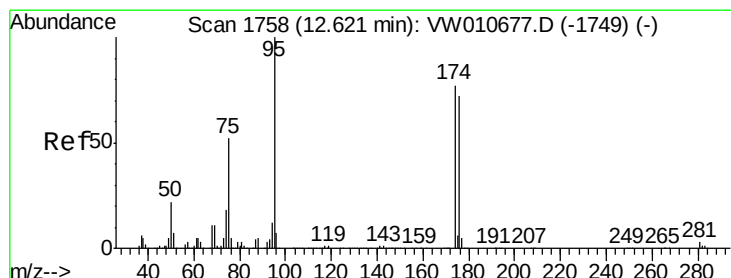
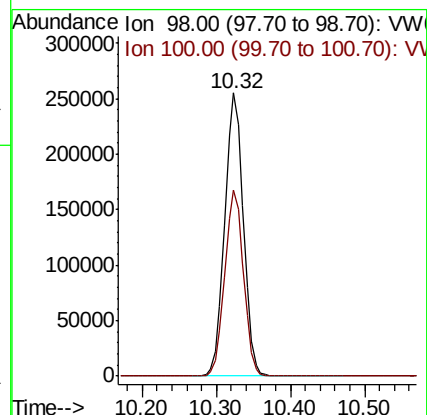
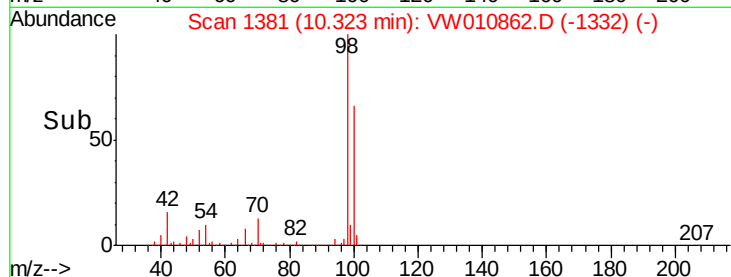
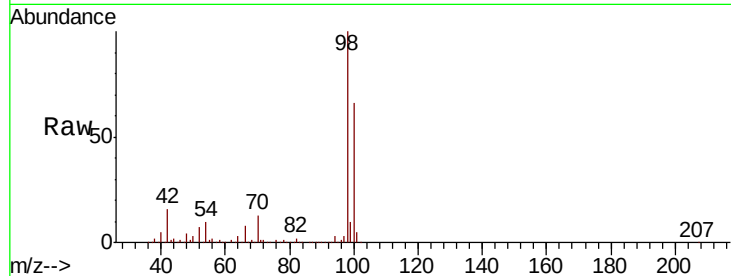
FK-SF-01-005-A

Tot Ion: 98 Resp: 443449

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 47.041 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010862.D

Acq: 19 Jun 2019 20:27

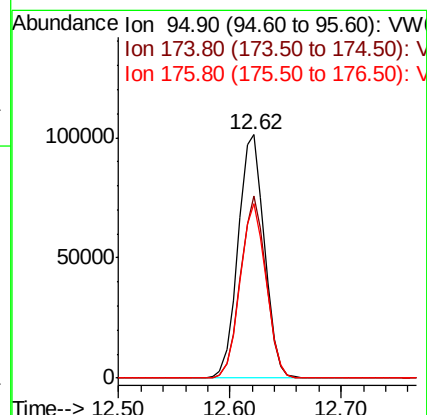
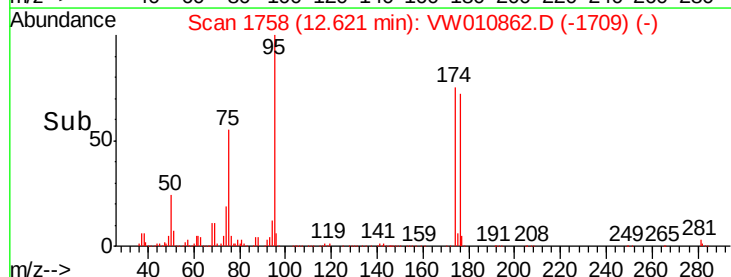
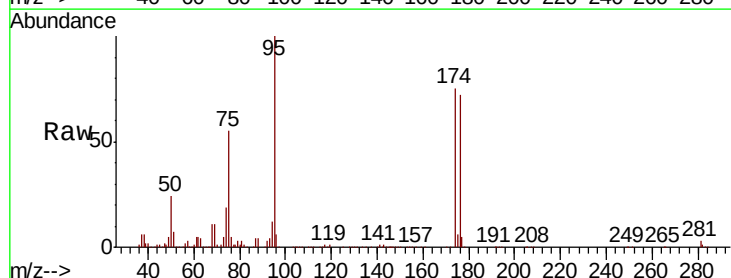
Tgt Ion: 95 Resp: 165056

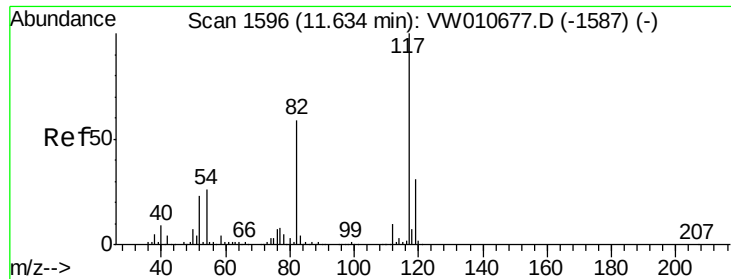
Ion Ratio Lower Upper

95 100

174 72.6 0.0 150.4

176 70.8 0.0 144.8

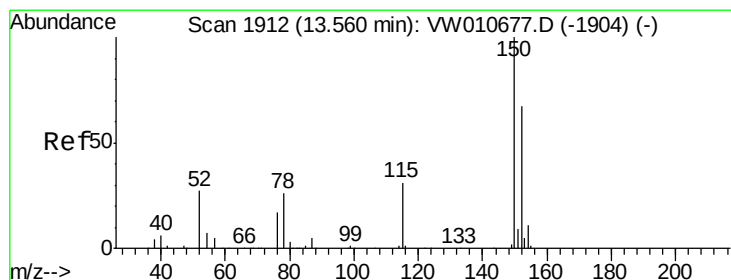
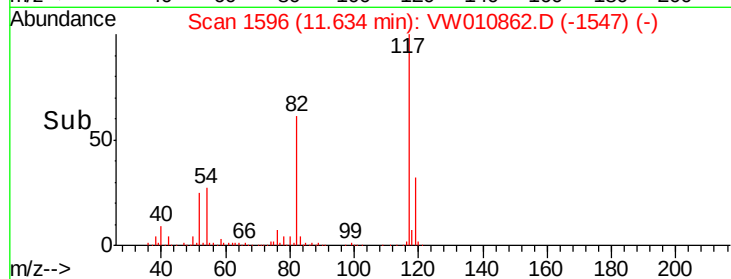
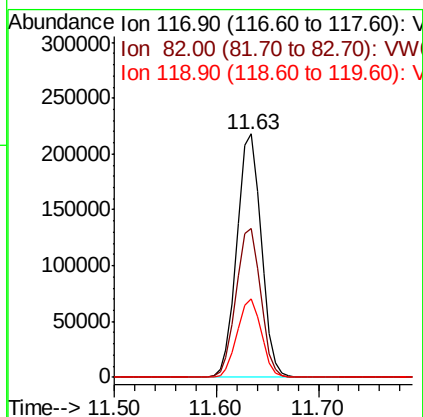
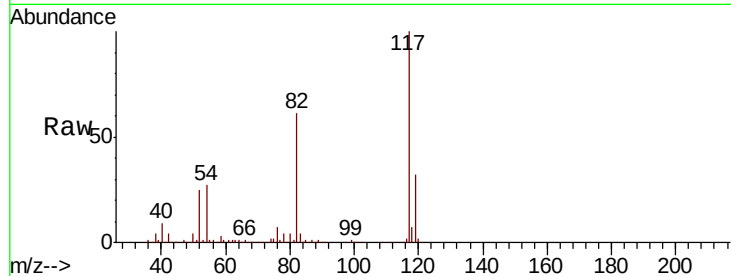




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010862.D
Acq: 19 Jun 2019 20:27

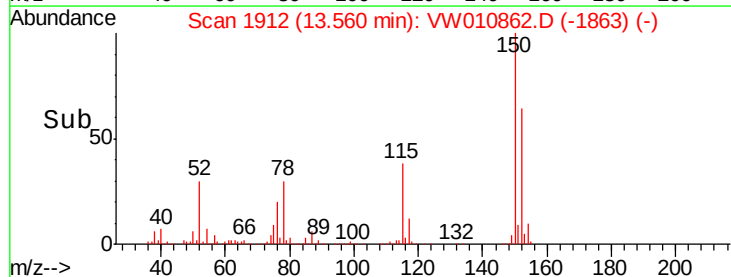
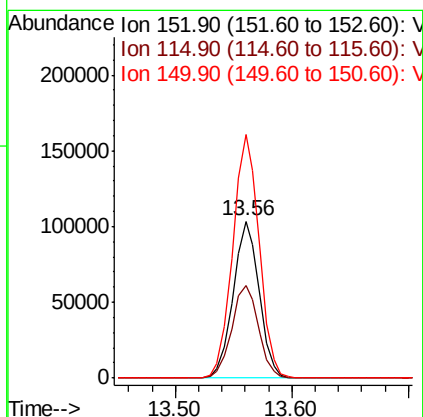
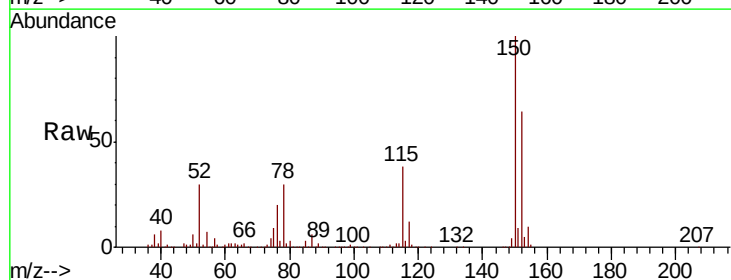
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-A

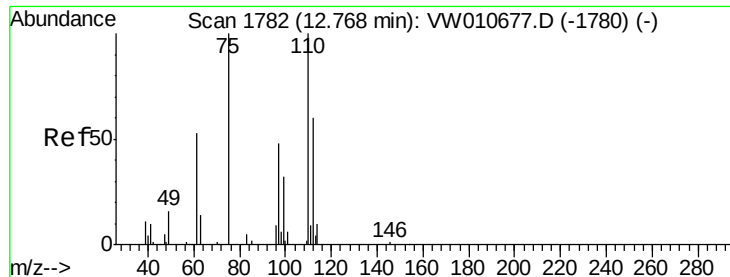
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	47.0	70.4
119	32.0	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010862.D
Acq: 19 Jun 2019 20:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	29.8	89.3
150	157.6	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 53.836 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010862.D

Acq: 19 Jun 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

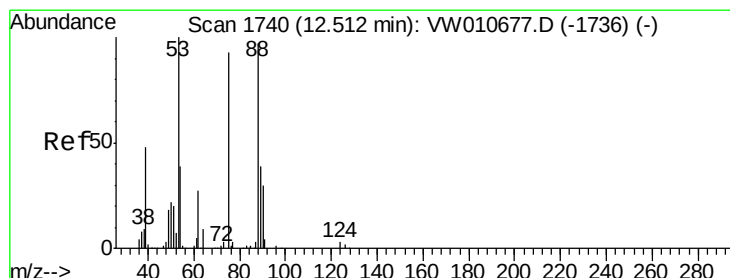
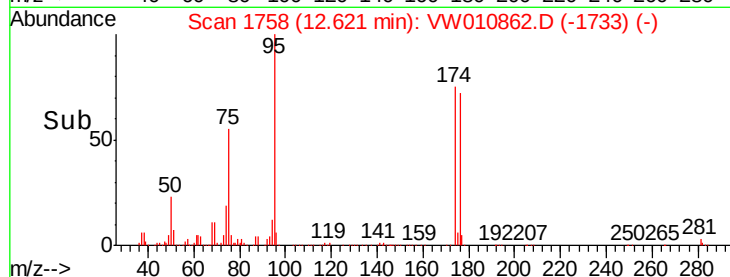
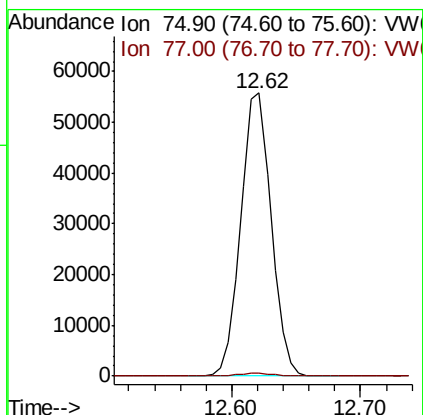
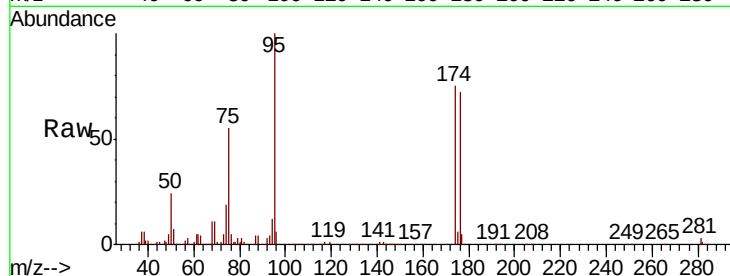
FK-SF-01-005-A

Tot Ion: 75 Resp: 90742

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.734 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010862.D

Acq: 19 Jun 2019 20:27

Tgt Ion: 75 Resp: 90742

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

89 0.0 34.6 52.0#

