

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010863.D
 Acq On : 19 Jun 2019 20:53
 Operator : SY/VA
 Sample : K3438-04
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 20 05:49:59 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	243901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	377377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	159563	55.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	111.00%	
35) Dibromofluoromethane	7.88	113	111716	48.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.56%	
50) Toluene-d8	10.32	98	450057	44.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.72%	
62) 4-Bromofluorobenzene	12.62	95	167131	45.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.54%	

Target Compounds

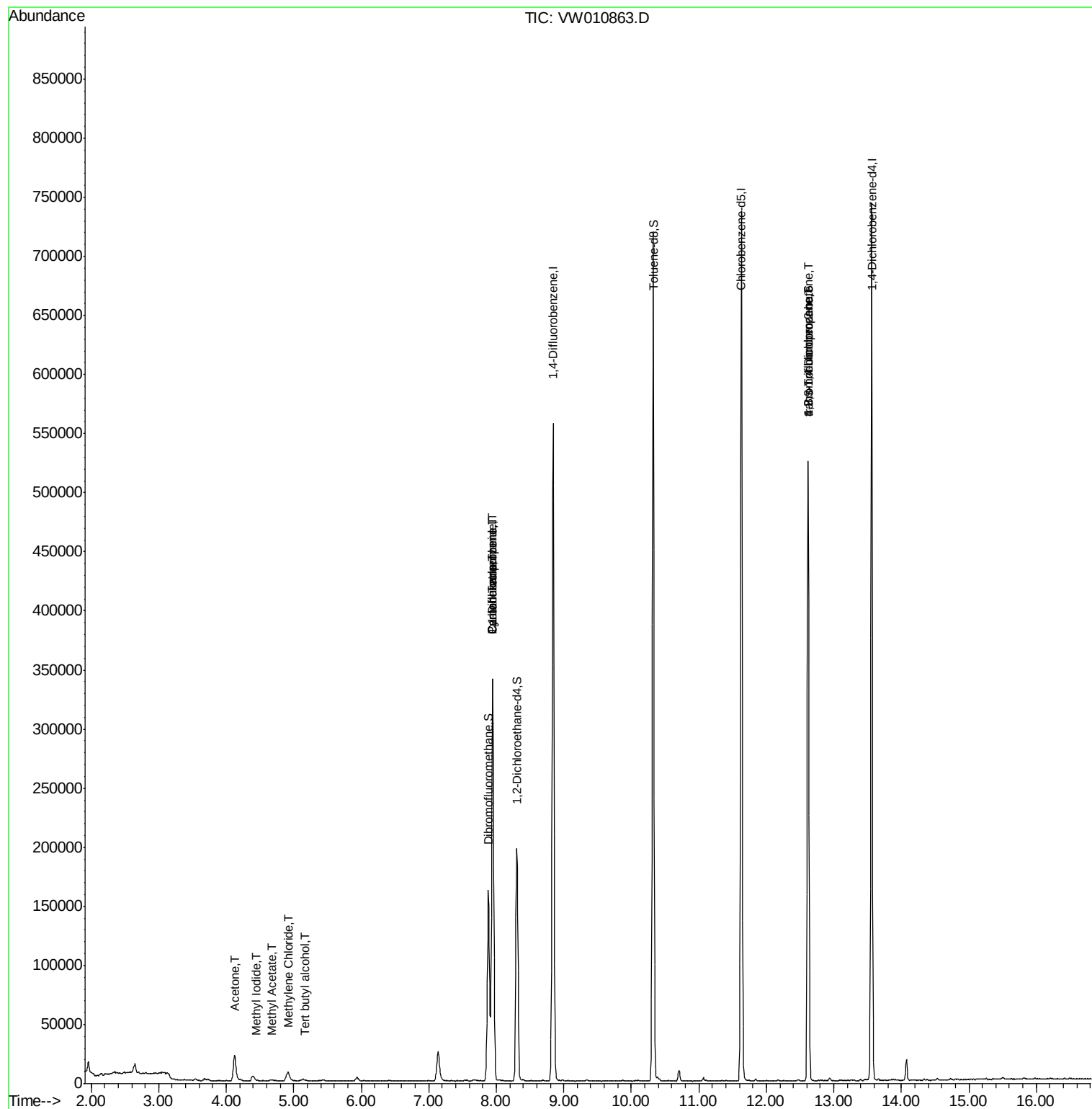
					Qvalue	
10) Methyl Iodide	4.45	142	25	4.807	ug/l #	41
11) Tert butyl alcohol	5.17	59	822	3.510	ug/l #	79
16) Acetone	4.12	43	40967	53.184	ug/l	99
18) Methyl Acetate	4.68	43	2535	1.529	ug/l #	70
20) Methylene Chloride	4.91	84	4957	1.834	ug/l #	91
31) Cyclohexane	7.95	56	6594	1.137	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	22219	5.092	ug/l #	50
38) Carbon Tetrachloride	7.95	117	24800	6.584	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	92928	51.770	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	92928	118.984	ug/l #	5

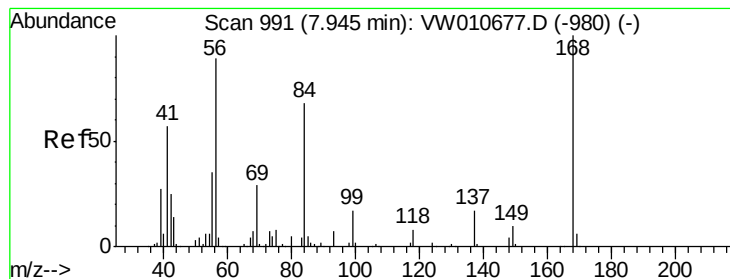
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW061919\
Data File : VW010863.D
Acq On : 19 Jun 2019 20:53
Operator : SY/VA
Sample : K3438-04
Misc : 4.94G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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FK-SF-01-005-B

Quant Time: Jun 20 05:49:59 2019
Quant Method : Z:\V0ASRV\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# 991

Delta R.T. -0.00 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

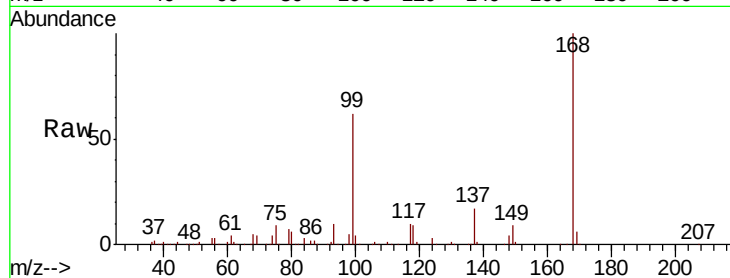
FK-SF-01-005-B

Tot Ion:168 Resp: 243901

Ion Ratio Lower Upper

168 100

99 61.6 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

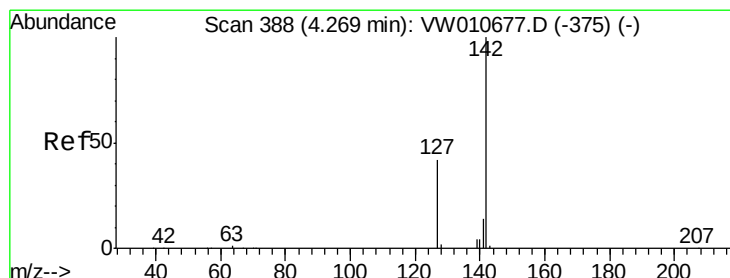
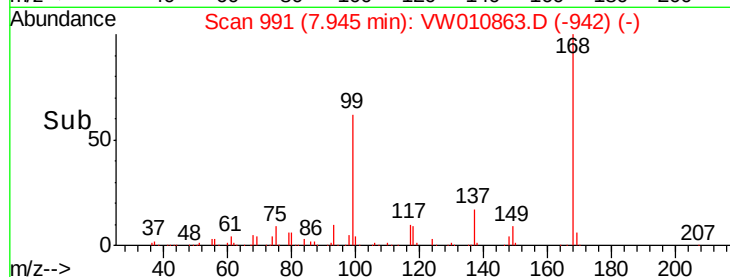
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.807 ug/l

RT: 4.45 min Scan# 417

Delta R.T. 0.18 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

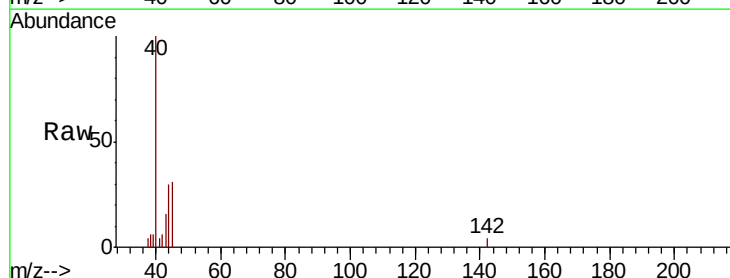
Tgt Ion:142 Resp: 25

Ion Ratio Lower Upper

142 100

127 0.0 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

4.45

80

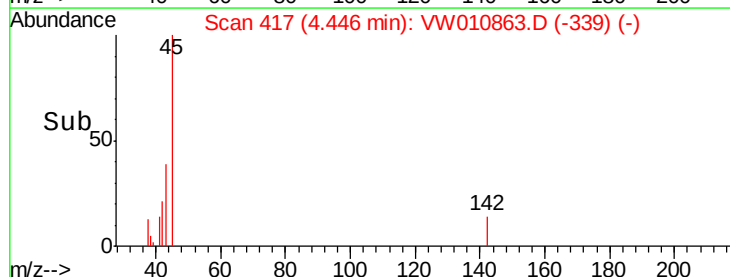
60

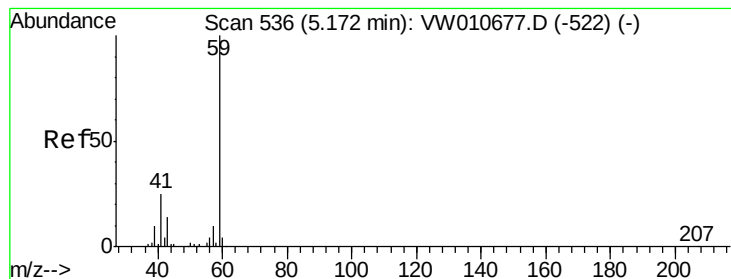
40

20

0

Time-->



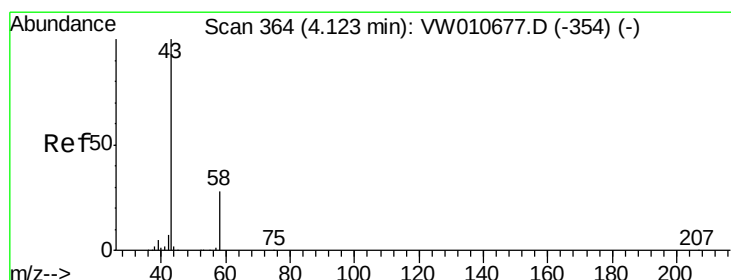
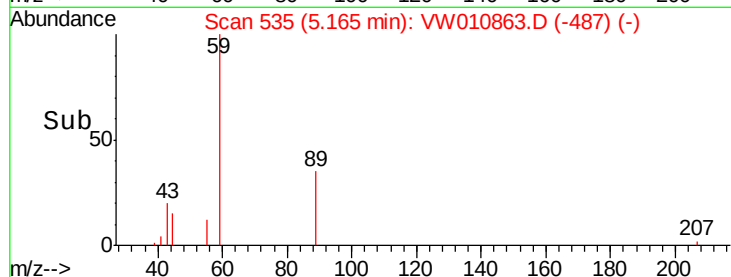
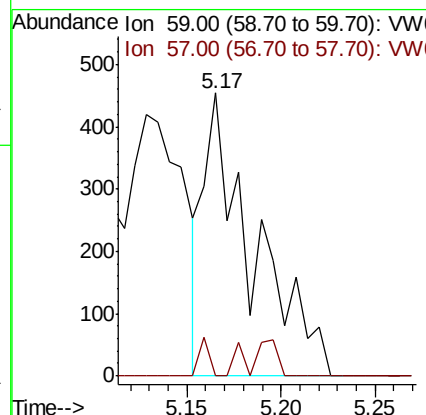
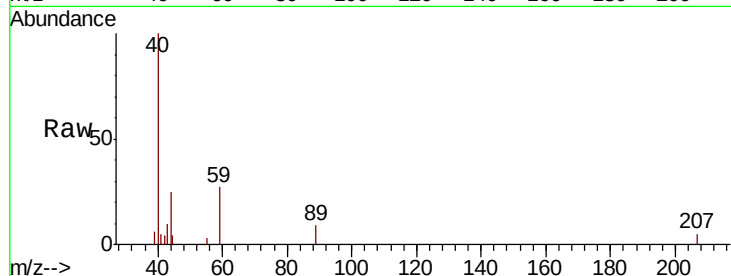


#11

Tert butyl alcohol
 Concen: 3.510 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW010863.D
 Acq: 19 Jun 2019 20:53

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

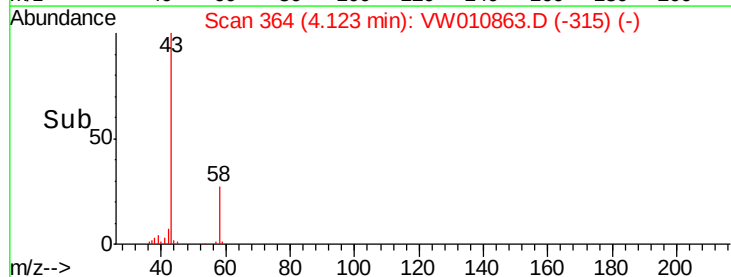
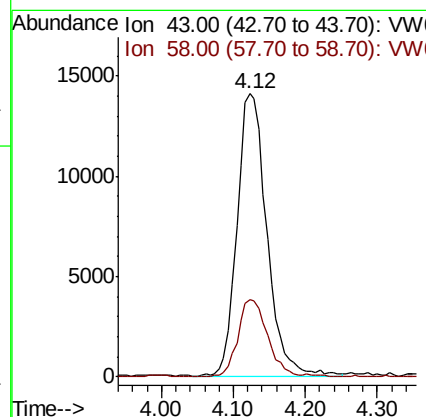
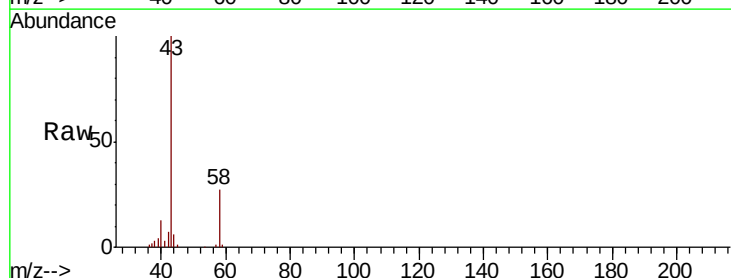
Tot Ion: 59 Resp: 822
 Ion Ratio Lower Upper
 59 100
 57 2.8 8.6 12.8#

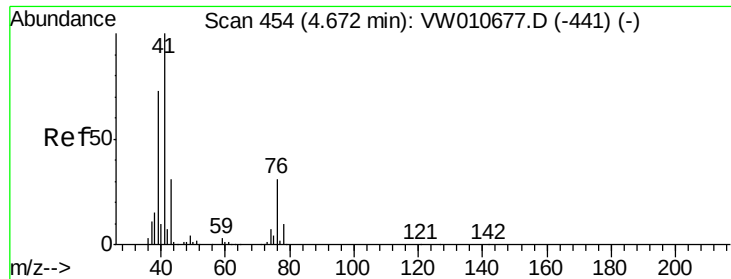


#16

Acetone
 Concen: 53.184 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VW010863.D
 Acq: 19 Jun 2019 20:53

Tgt Ion: 43 Resp: 40967
 Ion Ratio Lower Upper
 43 100
 58 27.1 22.1 33.1

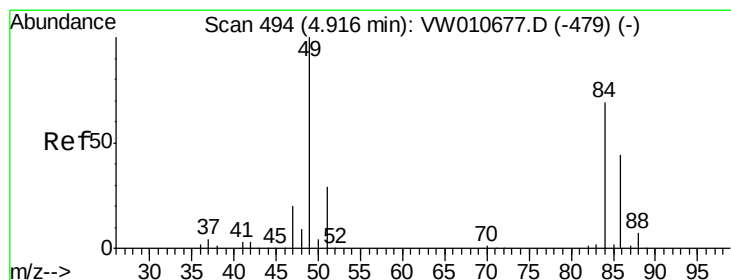
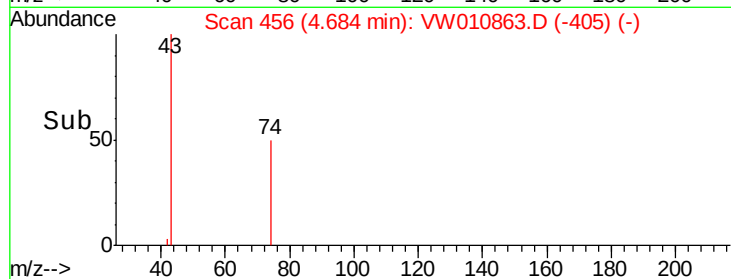
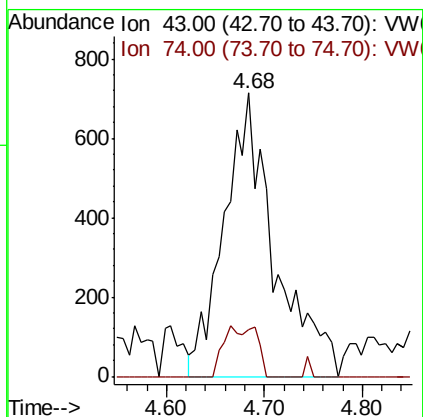
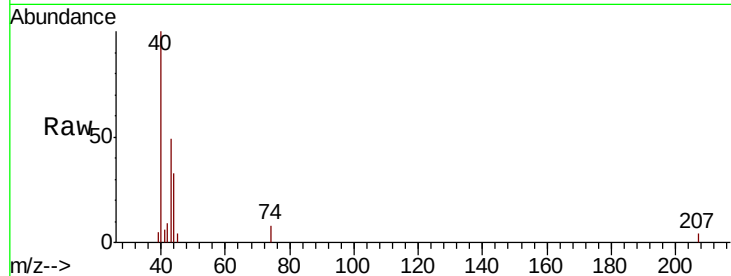




#18
Methyl Acetate
Concen: 1.529 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW010863.D
Acq: 19 Jun 2019 20:53

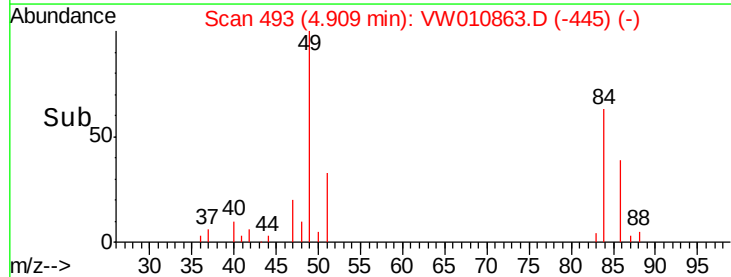
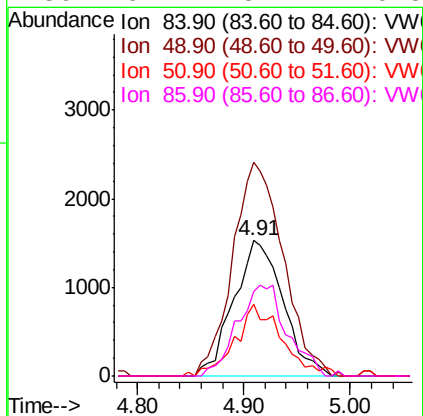
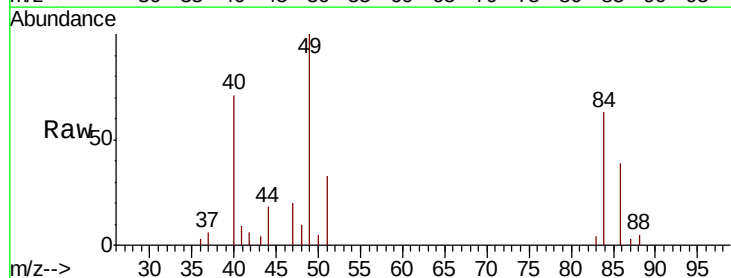
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

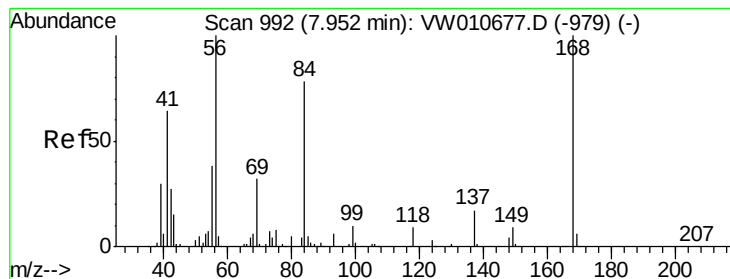
Tot Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
74 7.1 16.7 25.1#



#20
Methylene Chloride
Concen: 1.834 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010863.D
Acq: 19 Jun 2019 20:53

Tgt Ion: 84 Resp: 4957
Ion Ratio Lower Upper
84 100
49 157.6 116.7 175.1
51 52.5 34.2 51.2#
86 62.1 51.2 76.8





#31

Cyclohexane

Concen: 1.137 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-01-005-B

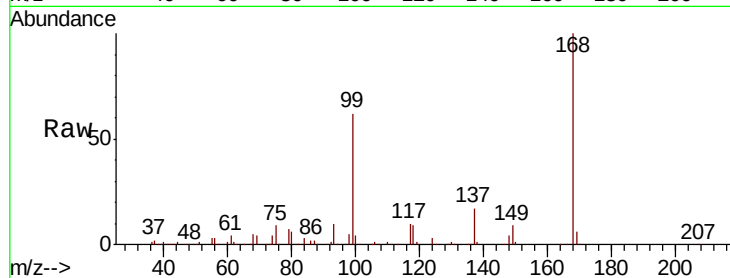
Tot Ion: 56 Resp: 6594

Ion Ratio Lower Upper

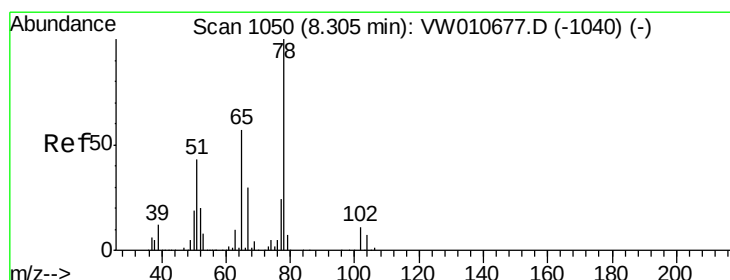
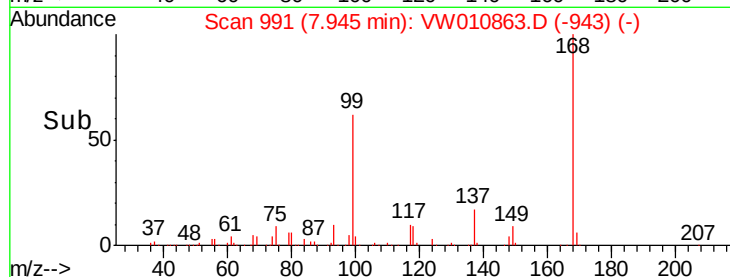
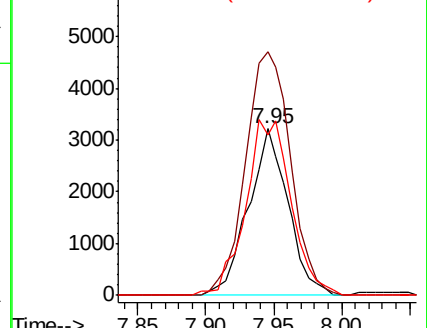
56 100

69 146.2 25.2 37.8#

84 96.6 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: 55.504 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010863.D

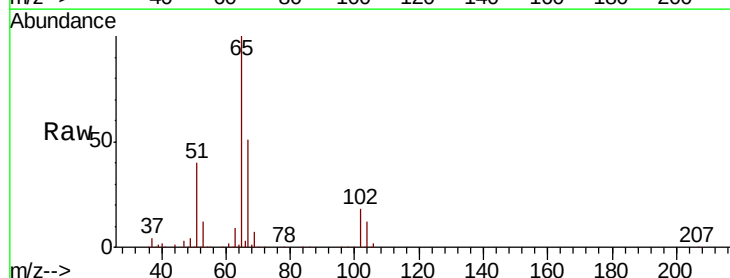
Acq: 19 Jun 2019 20:53

Tgt Ion: 65 Resp: 159563

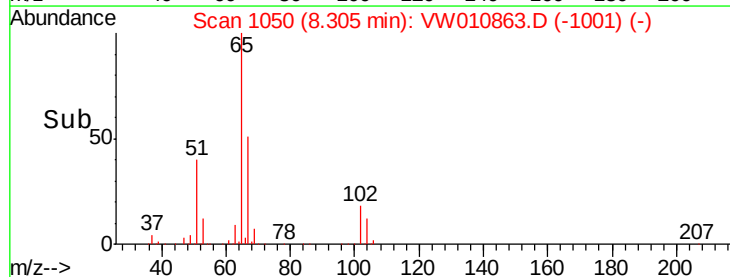
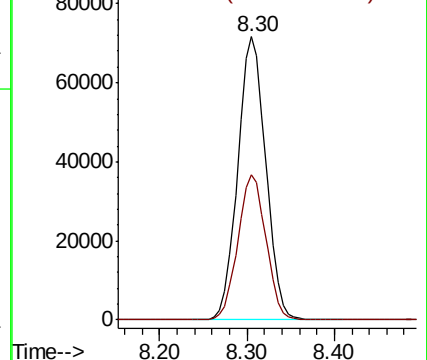
Ion Ratio Lower Upper

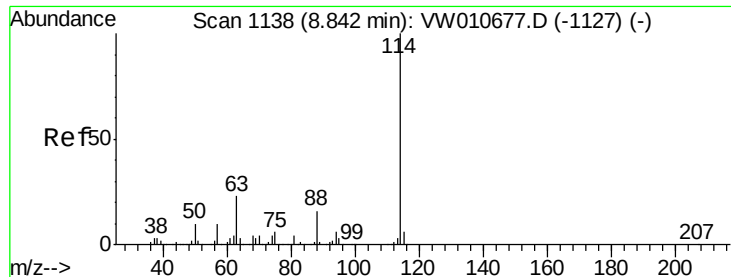
65 100

67 51.2 0.0 102.6



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

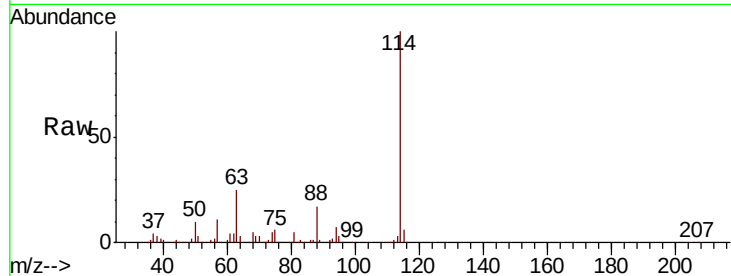




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010863.D
 Acq: 19 Jun 2019 20:53

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	46.4
88	17.3	0.0	32.2

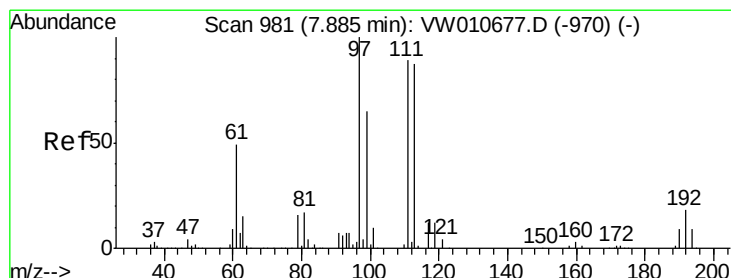
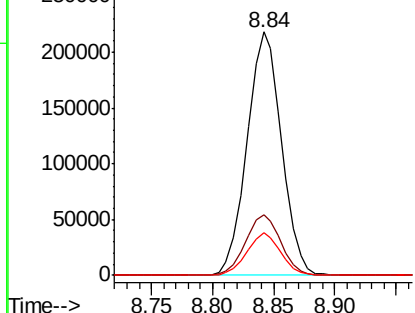
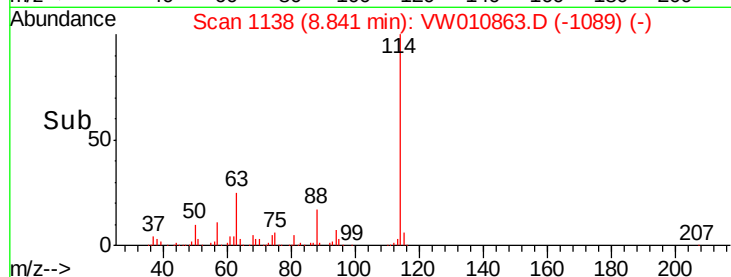


Abundance

Ion 113.90 (113.60 to 114.60): V

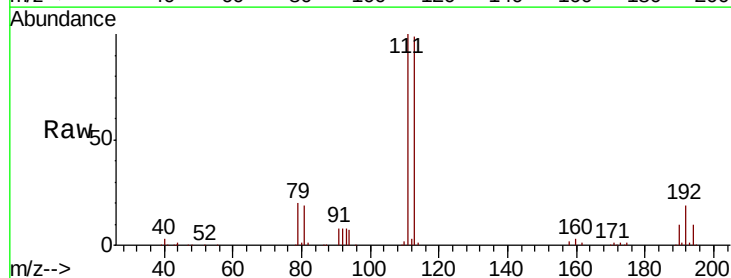
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 48.283 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010863.D
 Acq: 19 Jun 2019 20:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.8	16.4	24.6

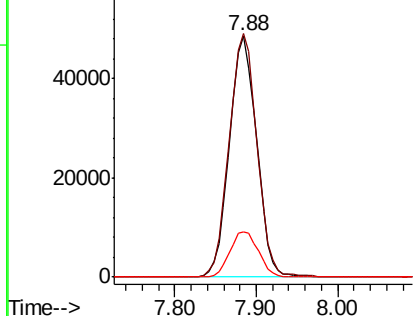
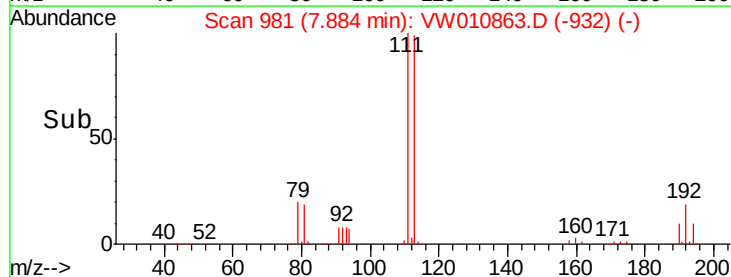


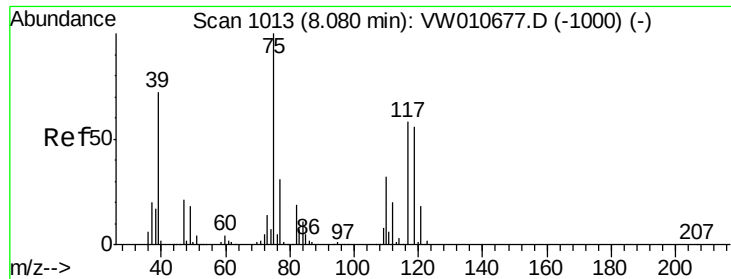
Abundance

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: 5.092 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-01-005-B

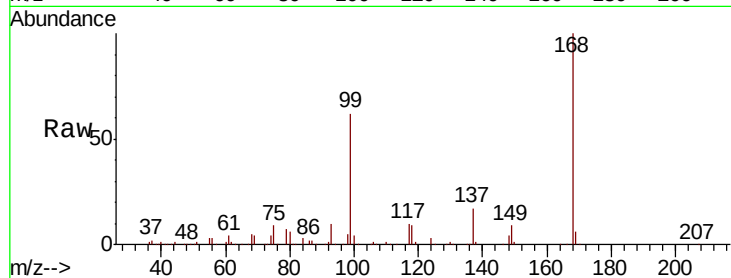
Tot Ion: 75 Resp: 22219

Ion Ratio Lower Upper

75 100

110 7.3 15.8 47.3#

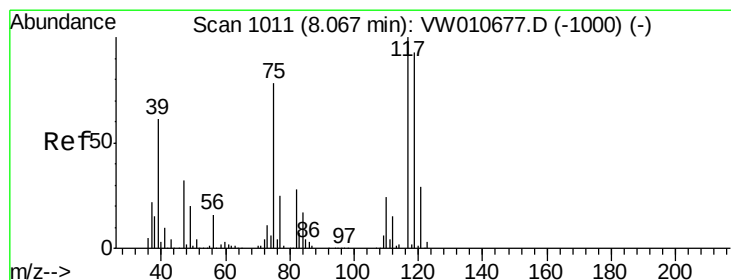
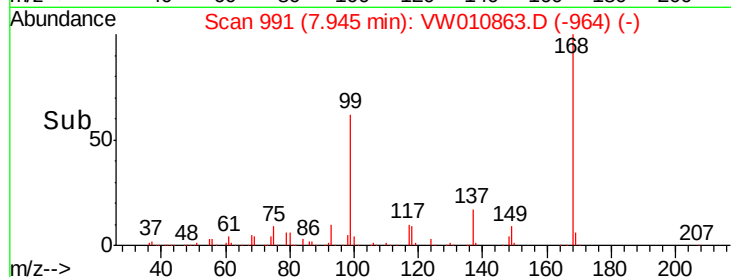
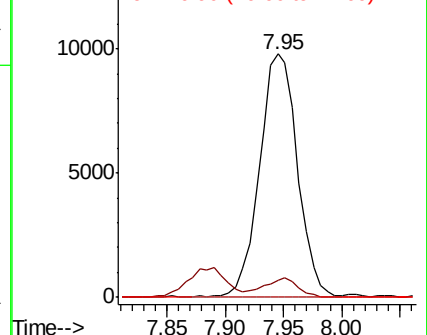
77 0.0 24.7 37.1#



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: 6.584 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

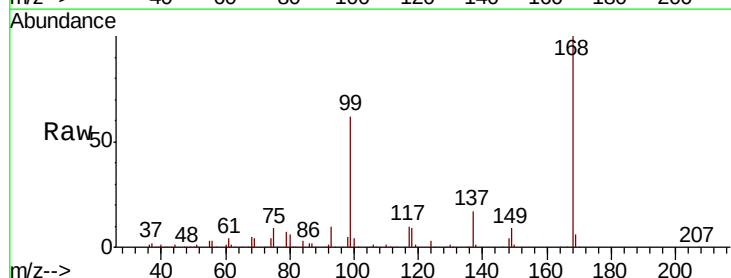
Tgt Ion:117 Resp: 24800

Ion Ratio Lower Upper

117 100

119 6.2 74.2 111.4#

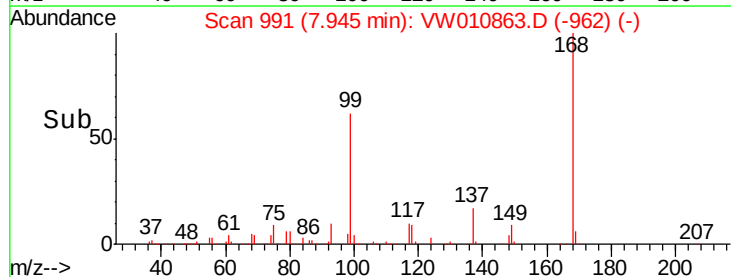
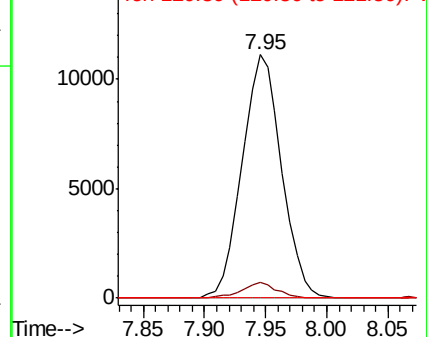
121 0.0 22.9 34.3#

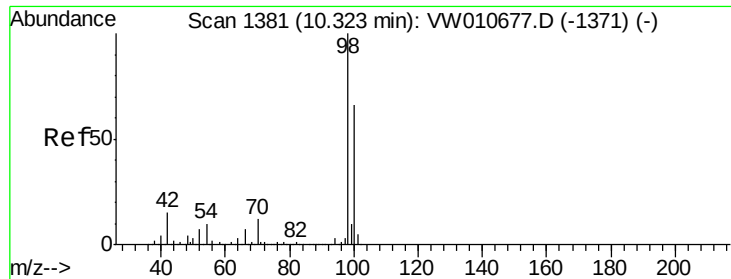


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 44.357 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

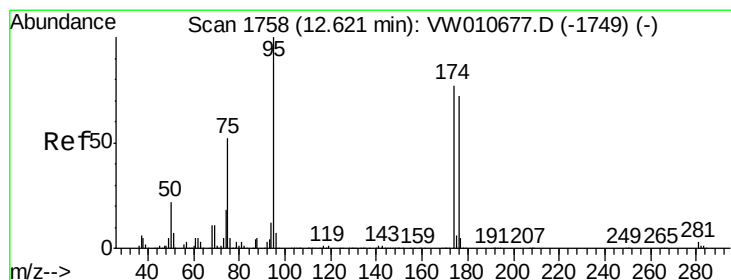
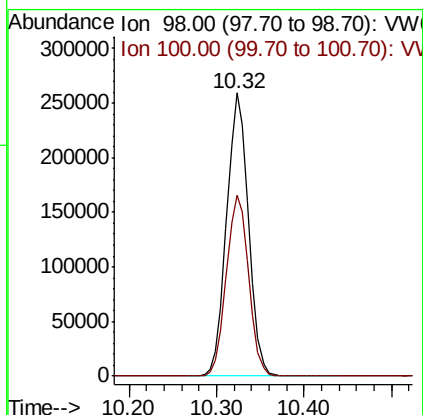
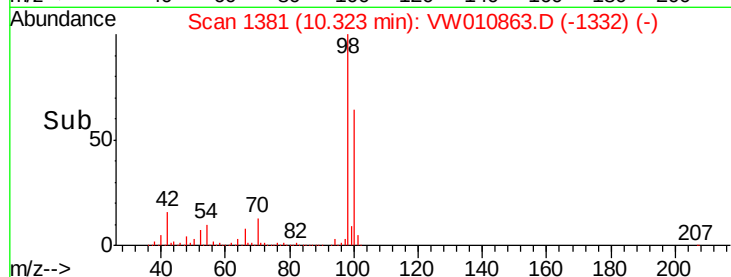
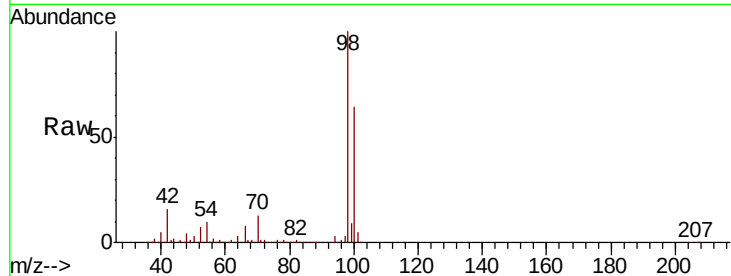
FK-SF-01-005-B

Tot Ion: 98 Resp: 450057

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 45.268 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

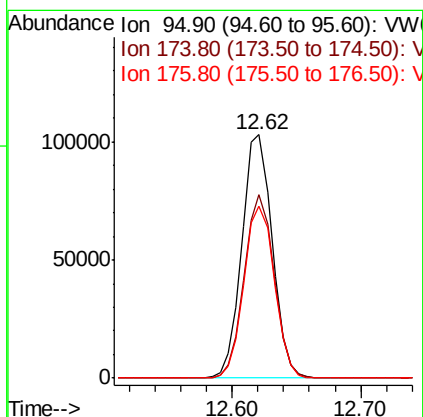
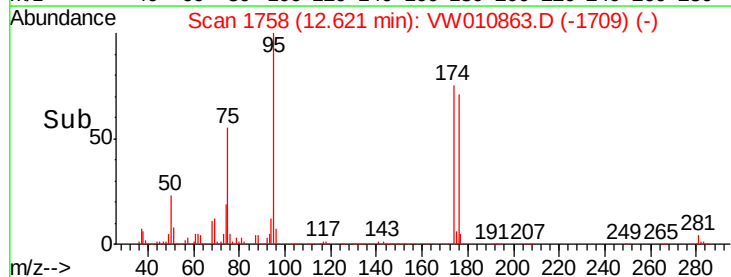
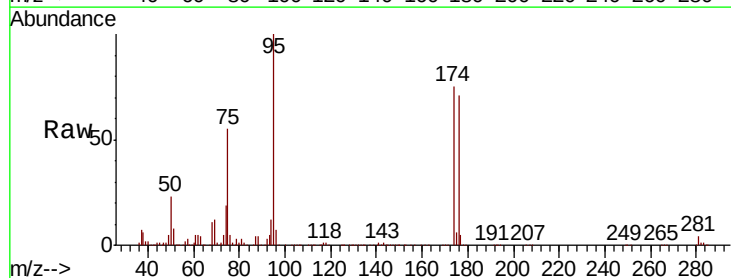
Tgt Ion: 95 Resp: 167131

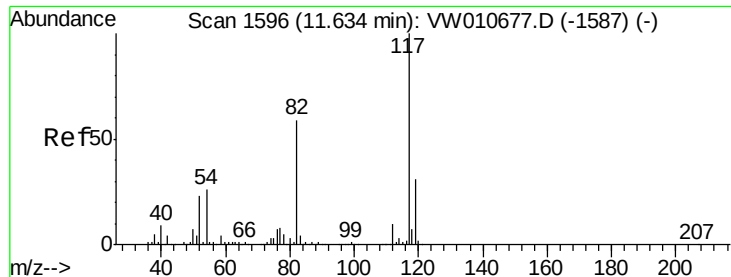
Ion Ratio Lower Upper

95 100

174 74.6 0.0 150.4

176 71.6 0.0 144.8

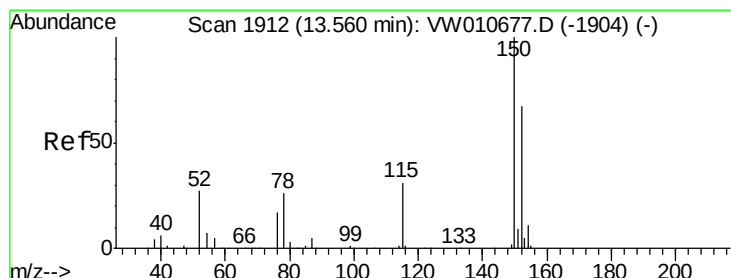
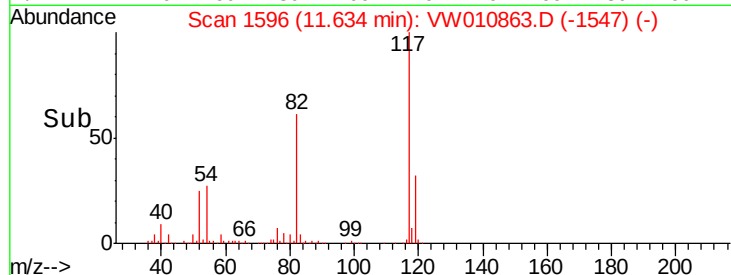
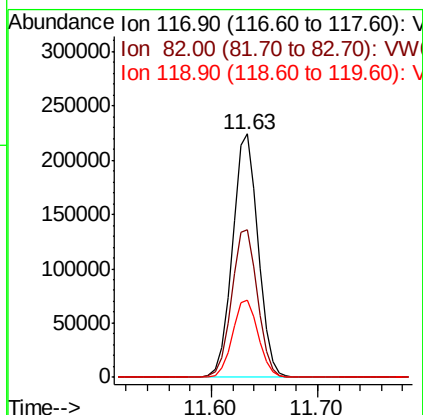
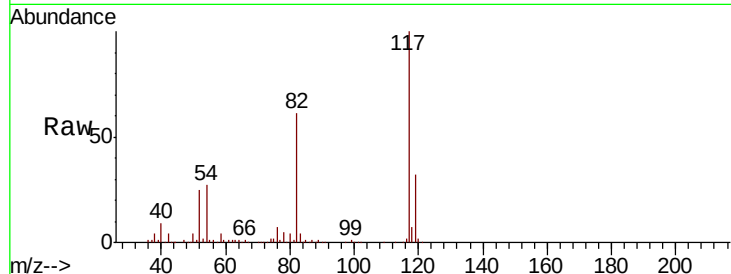




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010863.D
Acq: 19 Jun 2019 20:53

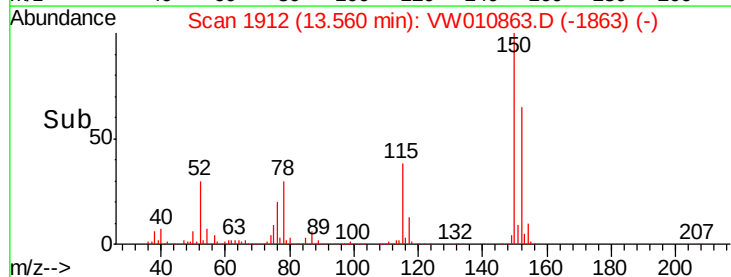
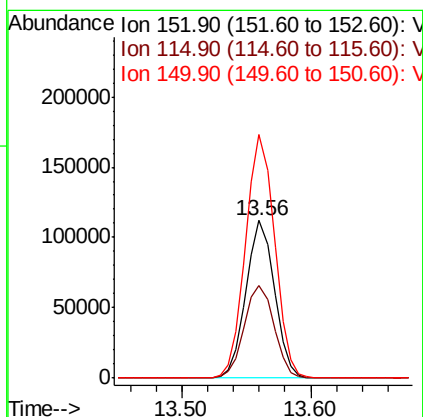
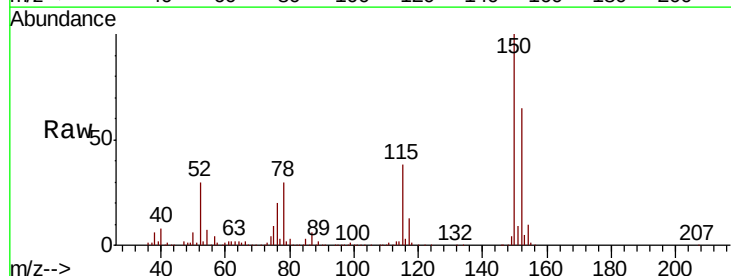
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-01-005-B

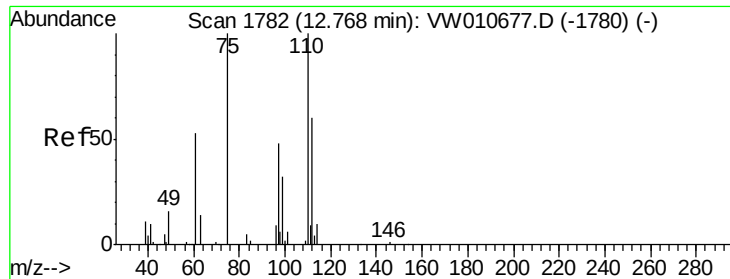
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.0	70.4
119	31.7	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010863.D
Acq: 19 Jun 2019 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.8	89.3
150	158.1	0.0	345.0





#76

1,2,3-Trichloropropane

Concen: 51.770 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

Instrument :

MSVOA_W

ClientSampleId :

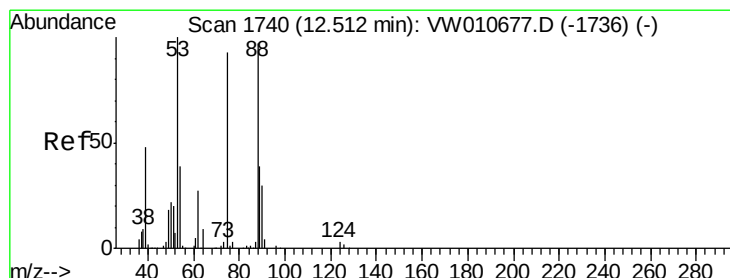
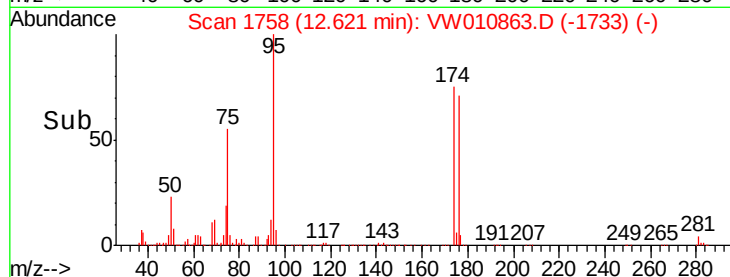
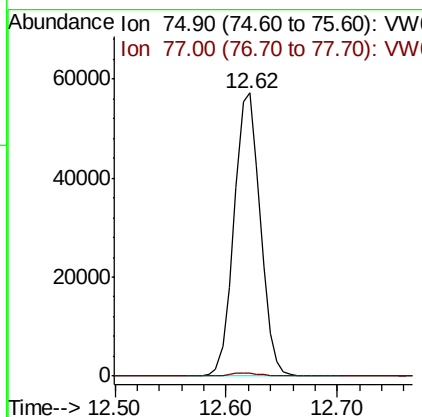
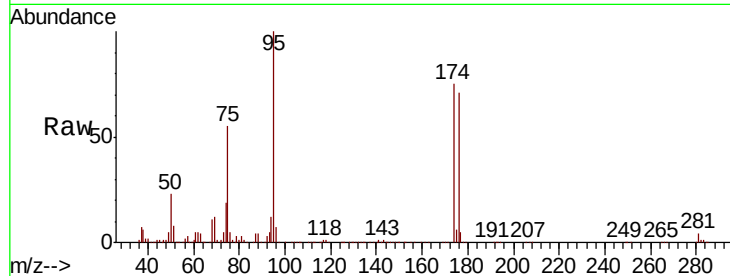
FK-SF-01-005-B

Tot Ion: 75 Resp: 92928

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.984 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010863.D

Acq: 19 Jun 2019 20:53

Tgt Ion: 75 Resp: 92928

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

89 0.0 34.6 52.0#

