

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010871.D
 Acq On : 20 Jun 2019 03:08
 Operator : SY/VA
 Sample : K3440-02
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-008-A

Quant Time: Jun 20 05:52:07 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	219540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159811	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	163987	63.37	ug/l	0.00
Spiked Amount			Recovery	=	126.74%	
35) Dibromofluoromethane	7.88	113	112140	52.42	ug/l	0.00
Spiked Amount			Recovery	=	104.84%	
50) Toluene-d8	10.32	98	438651	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
62) 4-Bromofluorobenzene	12.62	95	171753	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	

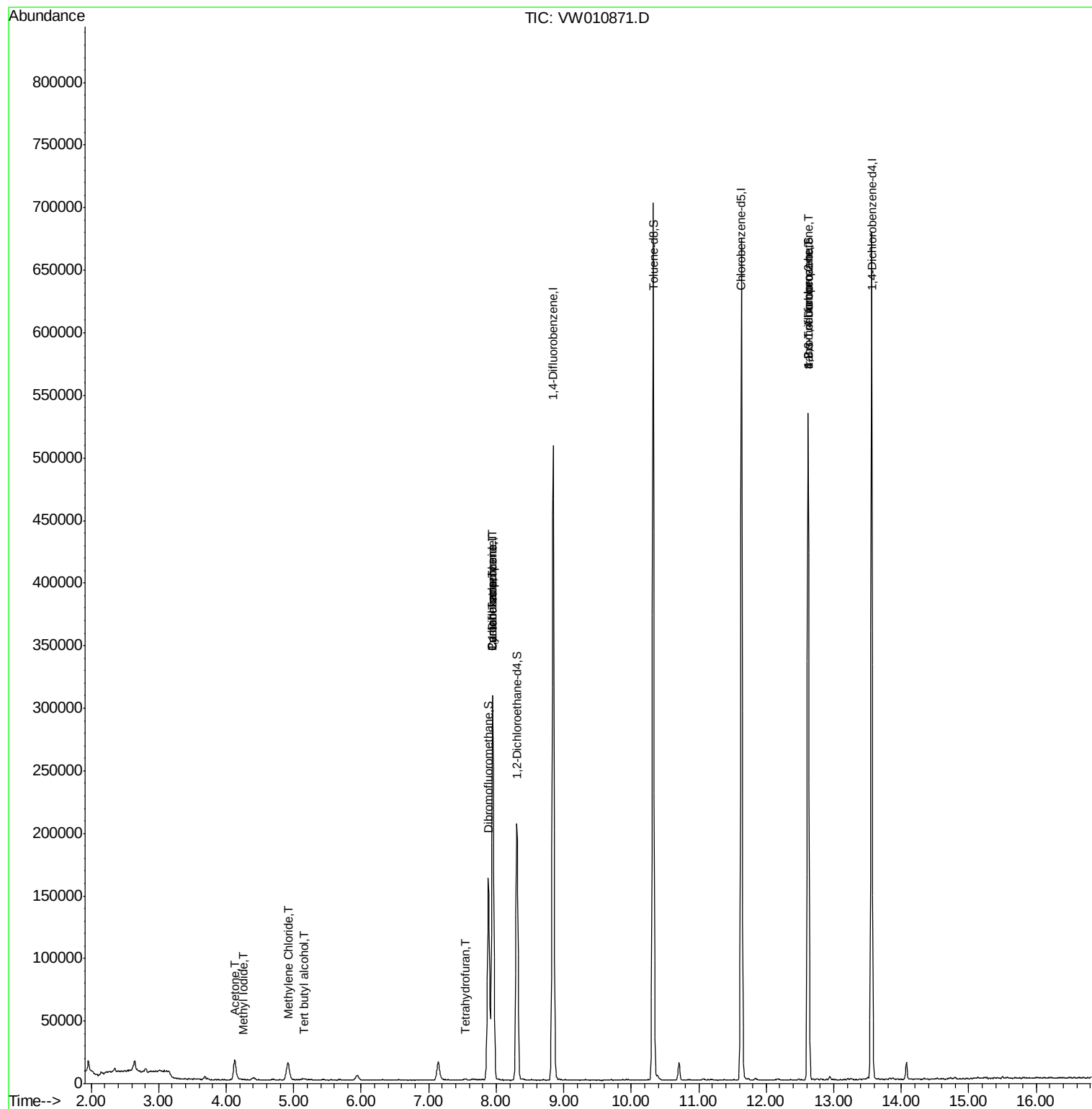
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.25	142	69	4.826	ug/l #	67
11) Tert butyl alcohol	5.16	59	552	2.618	ug/l #	93
16) Acetone	4.12	43	29644	42.754	ug/l	97
20) Methylene Chloride	4.92	84	9308	3.827	ug/l	94
29) Tetrahydrofuran	7.55	42	738	1.220	ug/l #	60
31) Cyclohexane	7.95	56	5885	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19801	4.908	ug/l #	51
38) Carbon Tetrachloride	7.95	117	22340	6.414	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	94833	56.508	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94833	129.873	ug/l #	5

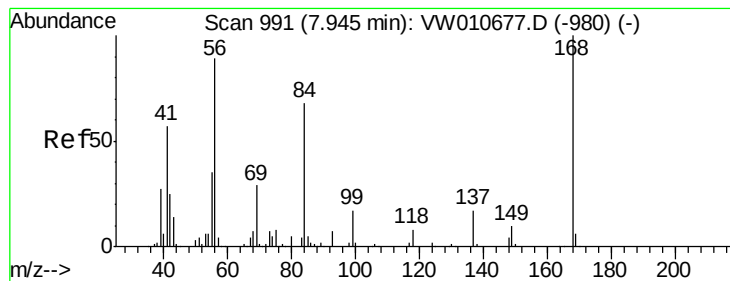
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. 0.01 min

Lab File: VW010871.D

Acq: 20 Jun 2019 03:08

Instrument :

MSVOA_W

ClientSampleId :

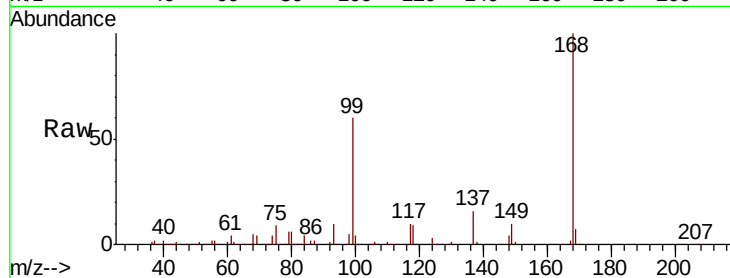
FK-SF-03-008-A

Tot Ion:168 Resp: 219540

Ion Ratio Lower Upper

168 100

99 59.7 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

100000

80000

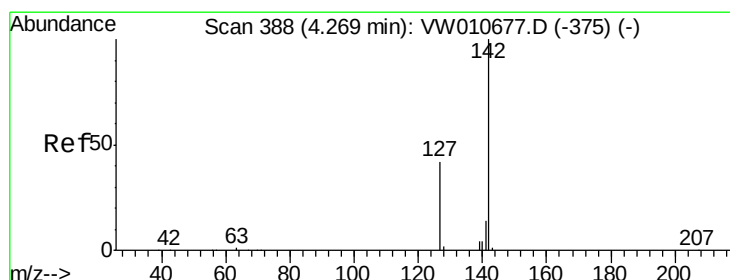
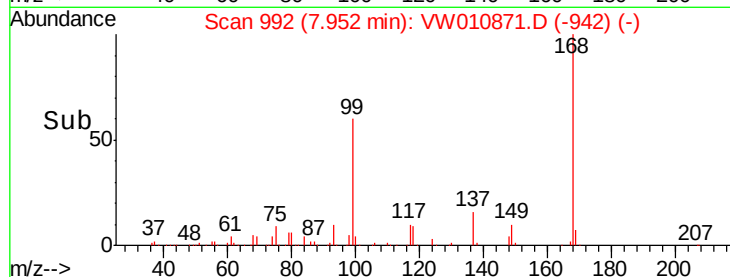
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 4.826 ug/l

RT: 4.25 min Scan# 385

Delta R.T. -0.02 min

Lab File: VW010871.D

Acq: 20 Jun 2019 03:08

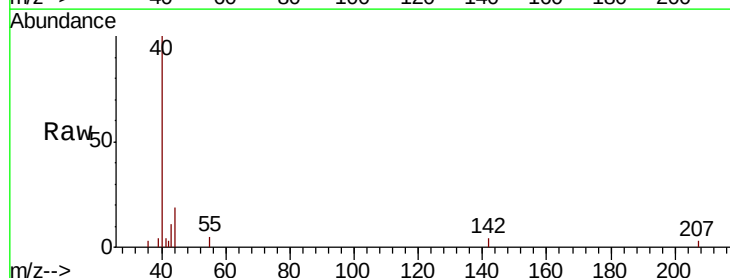
Tgt Ion:142 Resp: 69

Ion Ratio Lower Upper

142 100

127 63.8 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

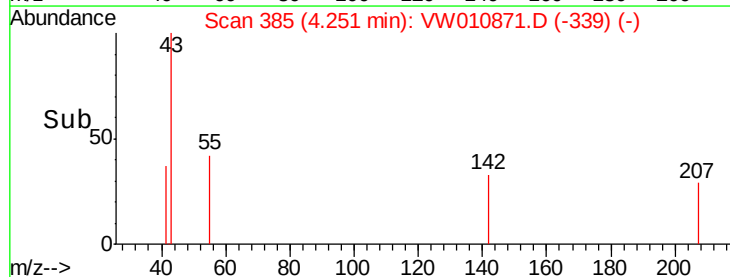
150

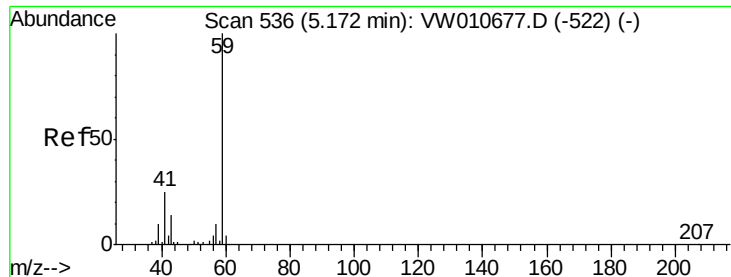
100

50

0

Time-->

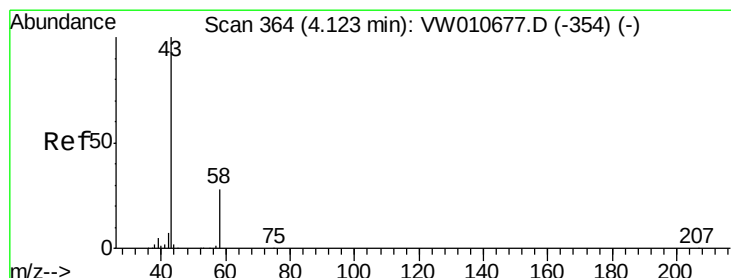
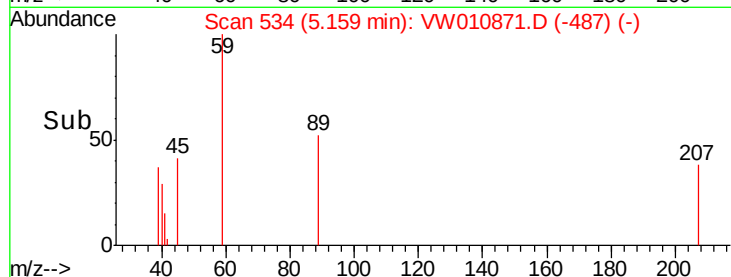
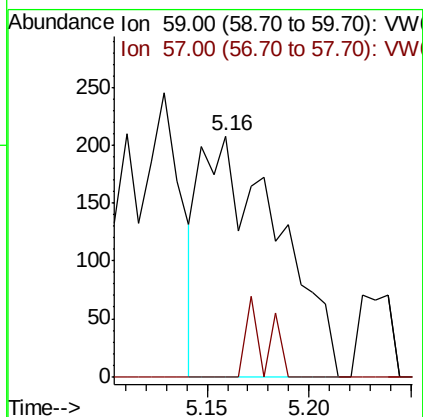
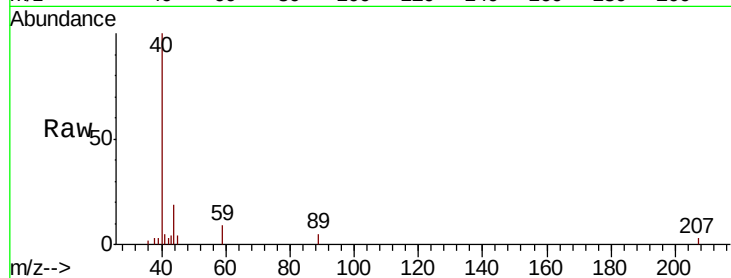




#11
Tert butyl alcohol
Concen: 2.618 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW010871.D
Acq: 20 Jun 2019 03:08

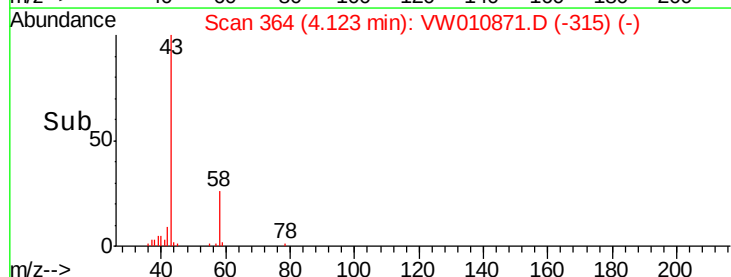
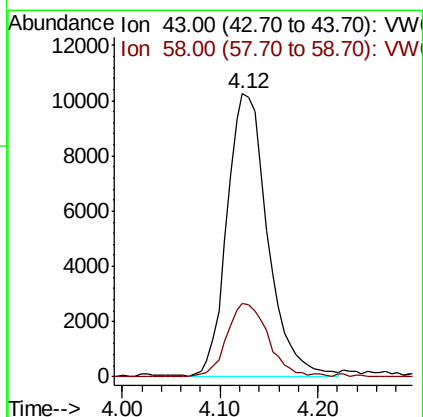
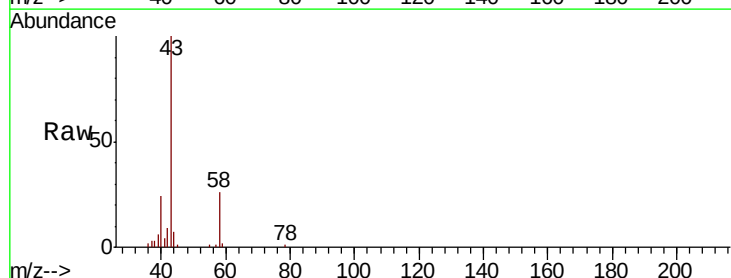
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-A

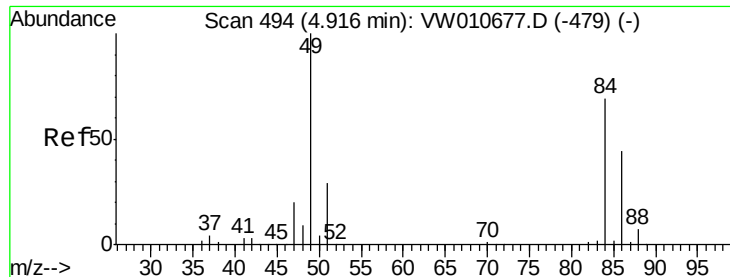
Tot Ion: 59 Resp: 552
Ion Ratio Lower Upper
59 100
57 8.2 8.6 12.8#



#16
Acetone
Concen: 42.754 ug/l
RT: 4.12 min Scan# 364
Delta R.T. -0.00 min
Lab File: VW010871.D
Acq: 20 Jun 2019 03:08

Tgt Ion: 43 Resp: 29644
Ion Ratio Lower Upper
43 100
58 26.0 22.1 33.1





#20

Methvlene Chloride

Concen: 3.827 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW010871.D

Acq: 20 Jun 2019 03:08

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-03-008-A

Tot Ion: 84 Resp: 9308

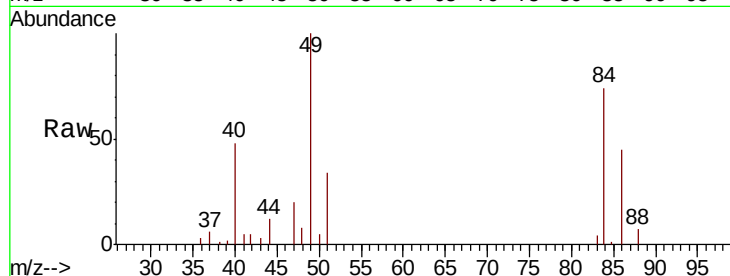
Ion Ratio Lower Upper

84 100

49 135.9 116.7 175.1

51 45.6 34.2 51.2

86 61.6 51.2 76.8

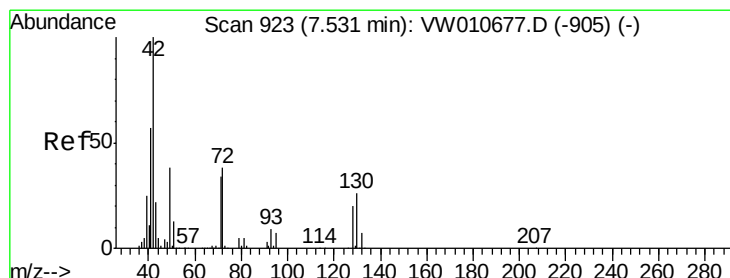
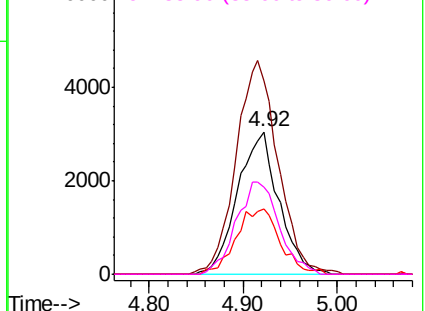
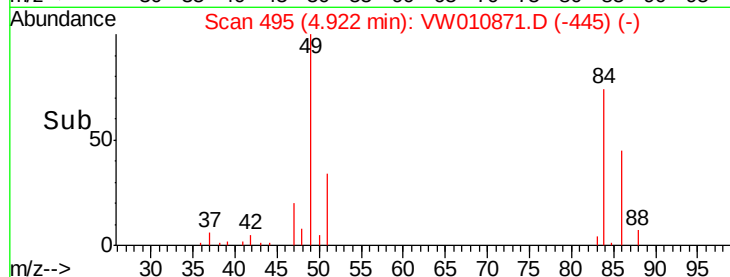


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 1.220 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.02 min

Lab File: VW010871.D

Acq: 20 Jun 2019 03:08

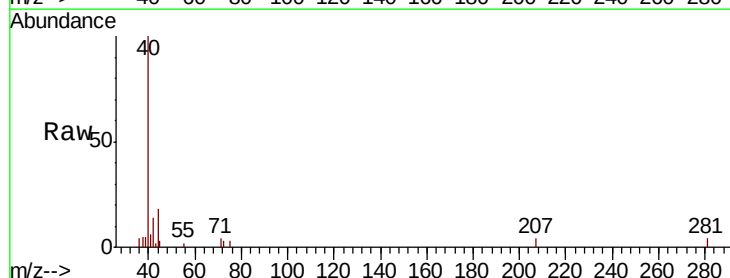
Tgt Ion: 42 Resp: 738

Ion Ratio Lower Upper

42 100

72 11.7 28.7 43.1#

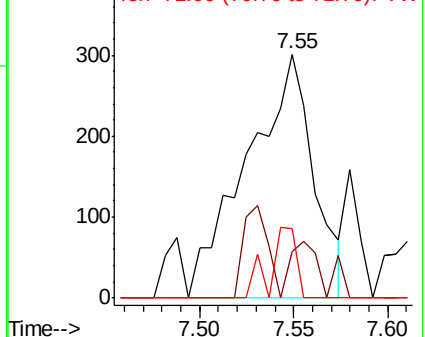
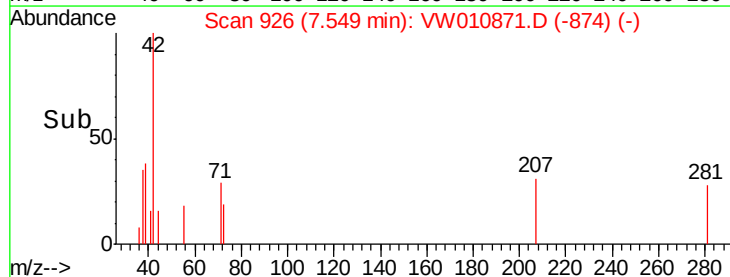
71 11.2 26.6 39.8#

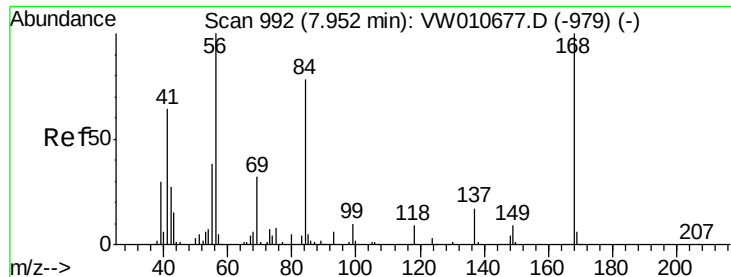


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

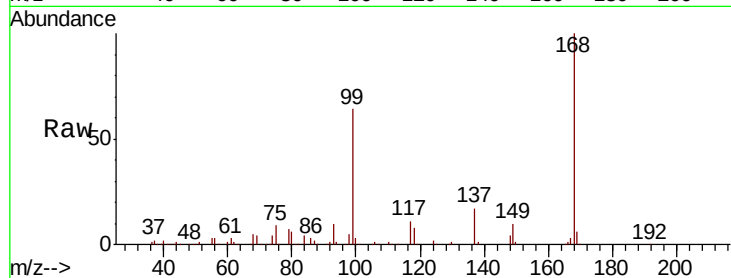




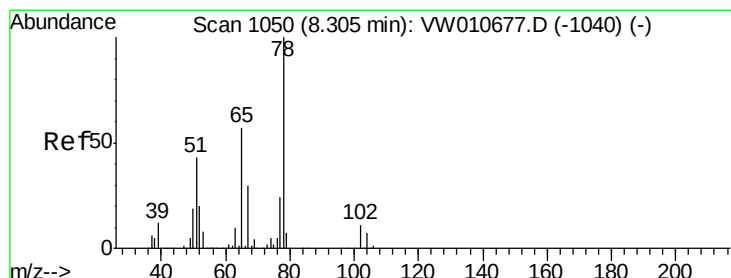
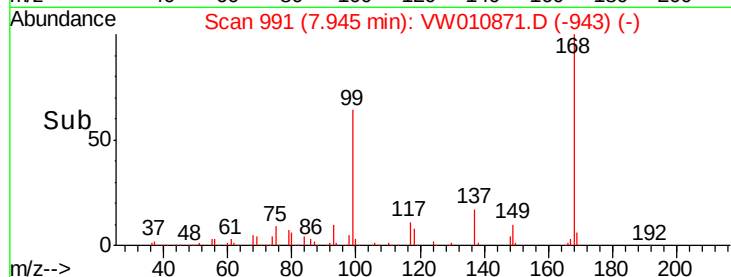
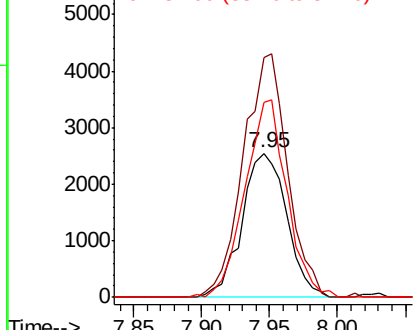
#31
Cvclohexane
Concen: 1.127 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW010871.D
Acq: 20 Jun 2019 03:08

Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-A

Tot Ion: 56 Resp: 5885
Ion Ratio Lower Upper
56 100
69 166.5 25.2 37.8#
84 135.4 62.2 93.2#

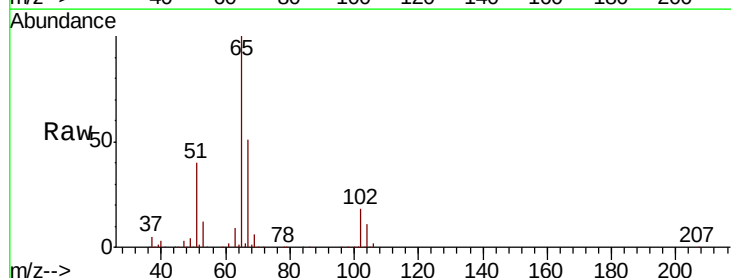


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

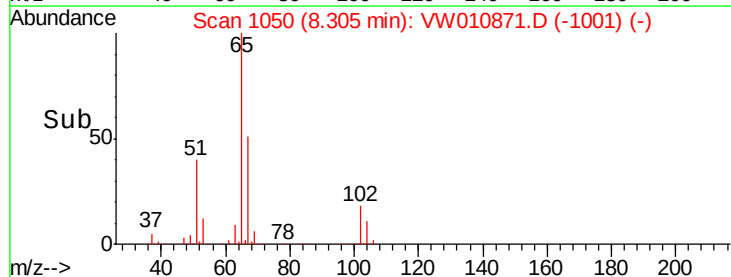
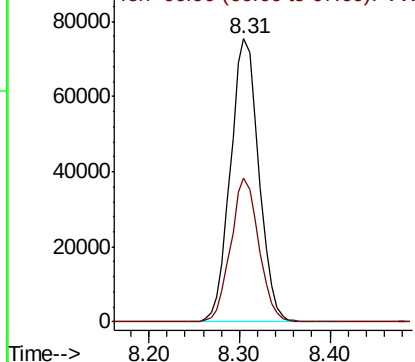


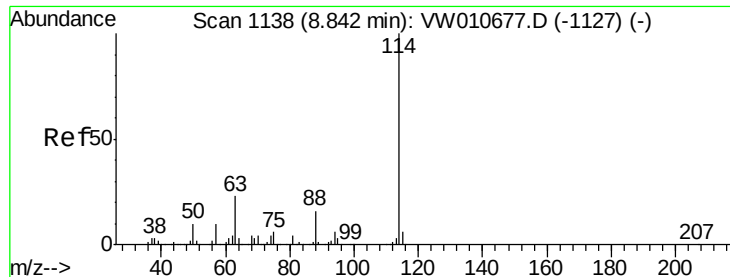
#33
1,2-Dichloroethane-d4
Concen: 63.373 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010871.D
Acq: 20 Jun 2019 03:08

Tgt Ion: 65 Resp: 163987
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.6



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

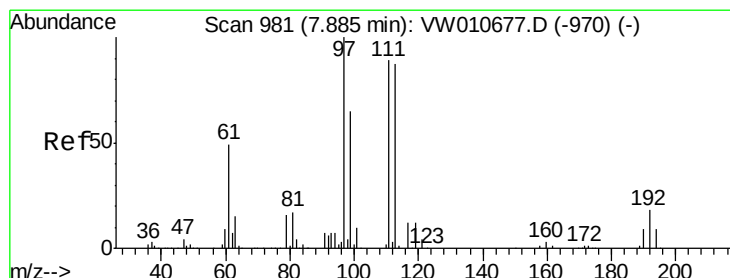
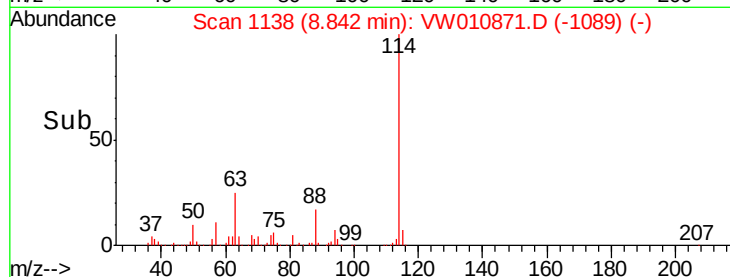
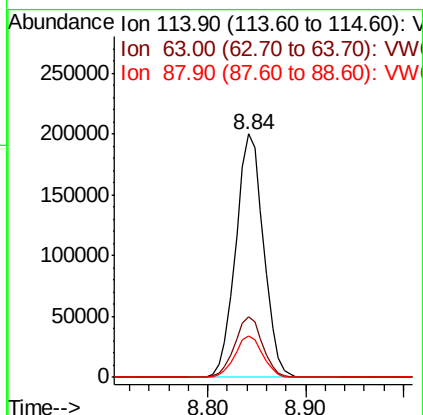
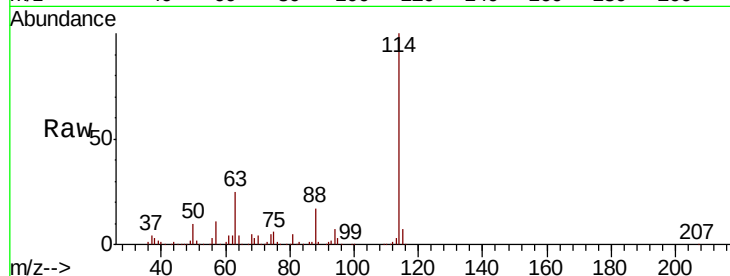




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010871.D
 Acq: 20 Jun 2019 03:08

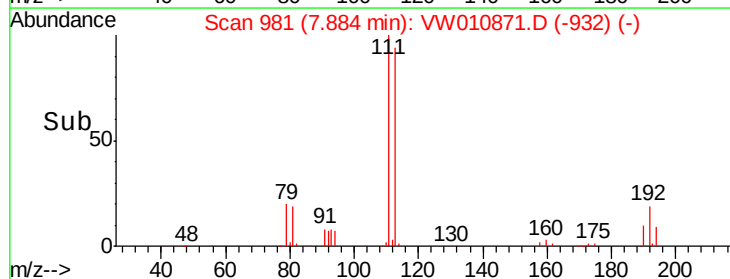
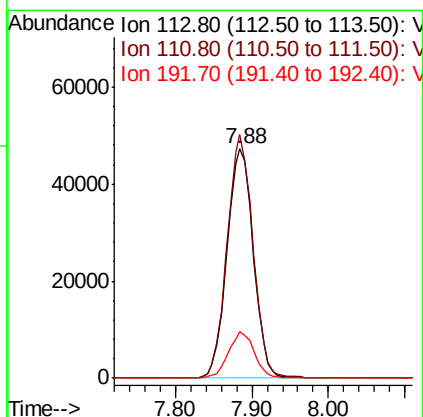
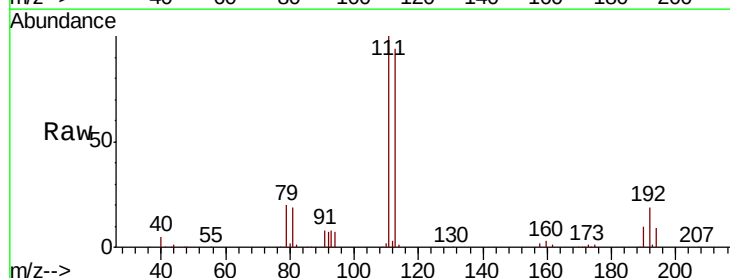
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 FK-SF-03-008-A

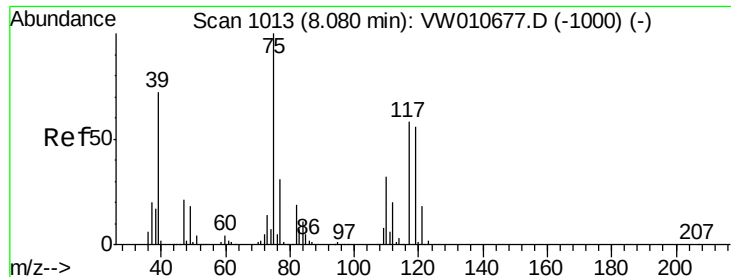
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	46.4
88	16.9	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 52.416 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010871.D
 Acq: 20 Jun 2019 03:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.6	123.8
192	19.8	16.4	24.6

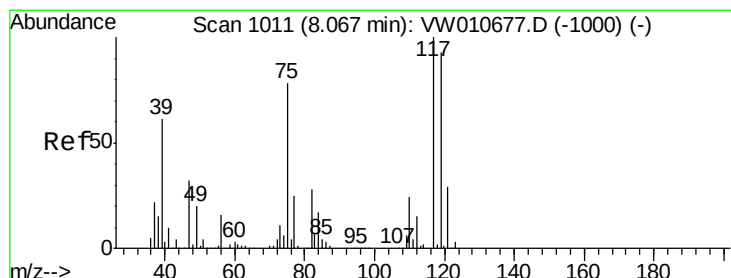
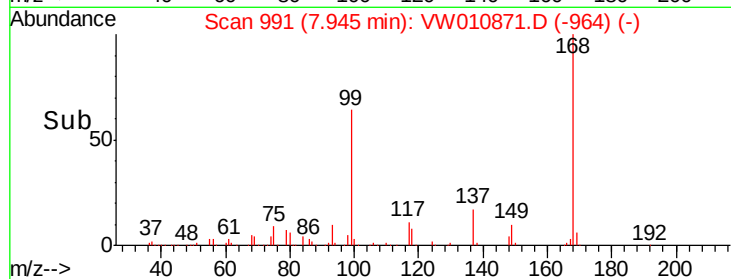
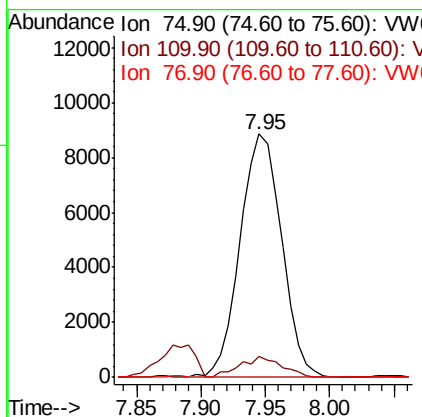
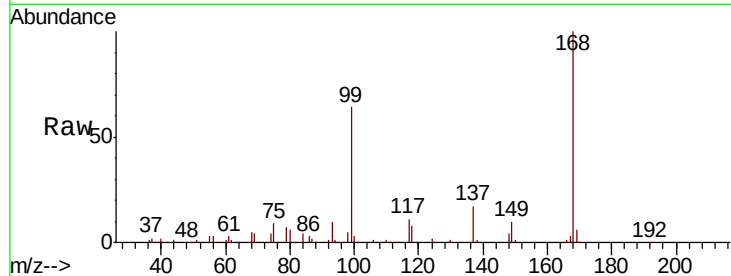




#36
 1,1-Dichloropropene
 Concen: 4.908 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010871.D
 Acq: 20 Jun 2019 03:08

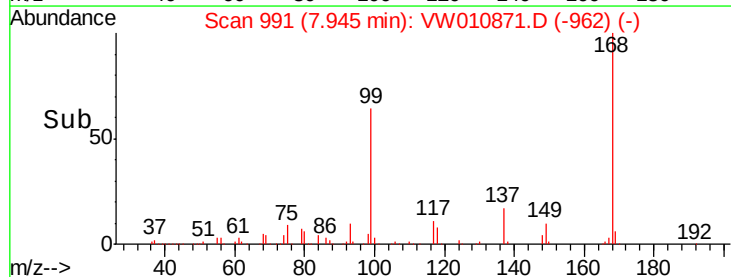
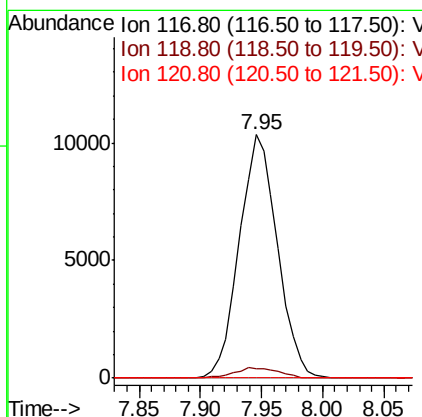
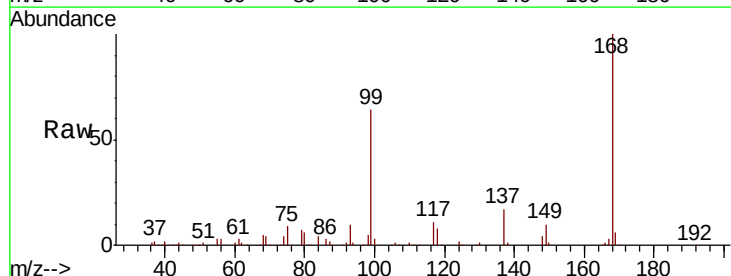
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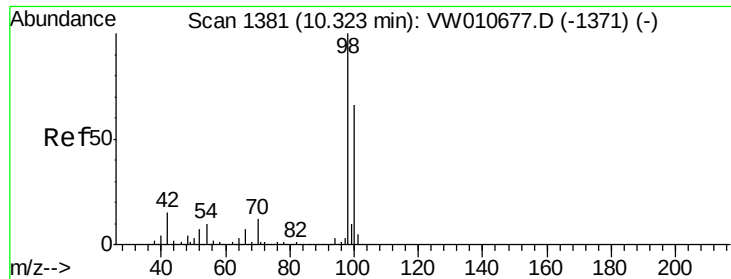
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	15.8	47.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.414 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010871.D
 Acq: 20 Jun 2019 03:08

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





#50

Toluene-d8

Concen: 46.756 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010871.D

Acq: 20 Jun 2019 03:08

Instrument :

MSVOA_W

ClientSampleId :

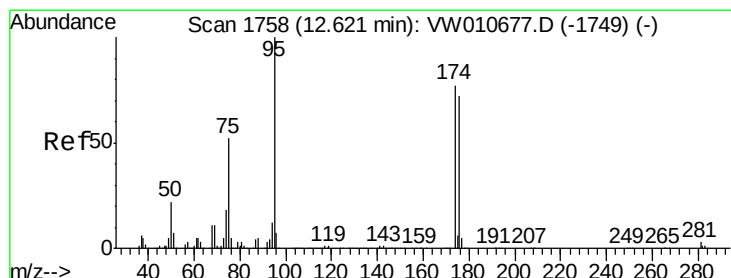
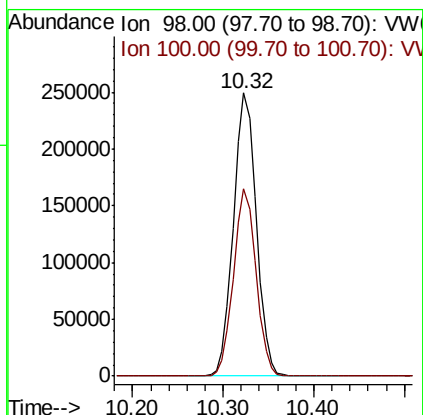
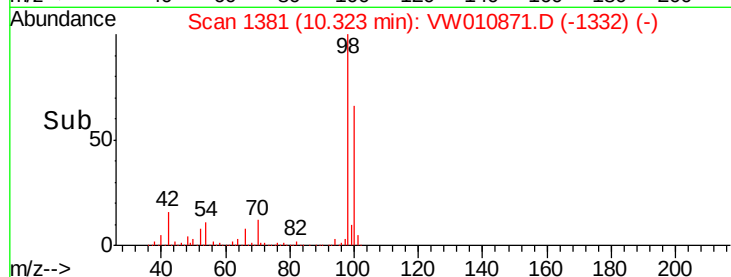
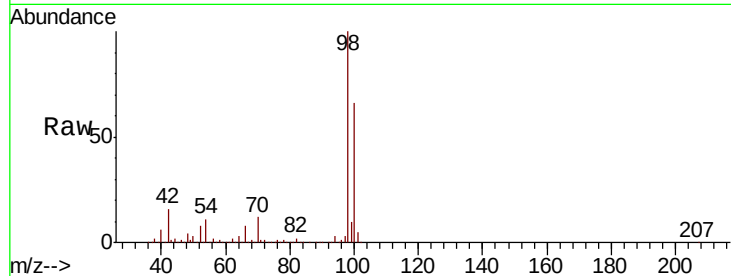
FK-SF-03-008-A

Tot Ion: 98 Resp: 438651

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 50.310 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010871.D

Acq: 20 Jun 2019 03:08

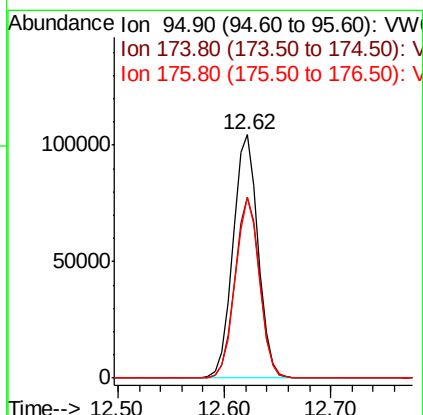
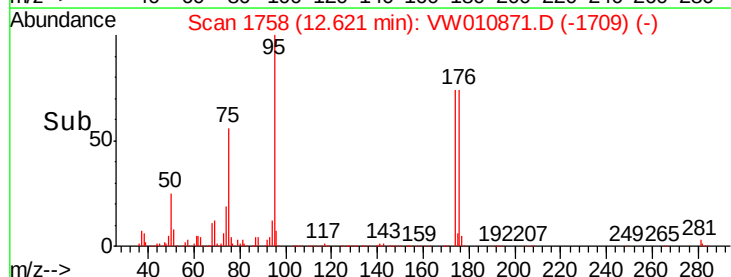
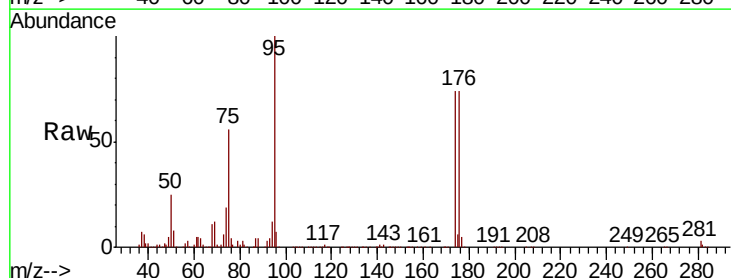
Tgt Ion: 95 Resp: 171753

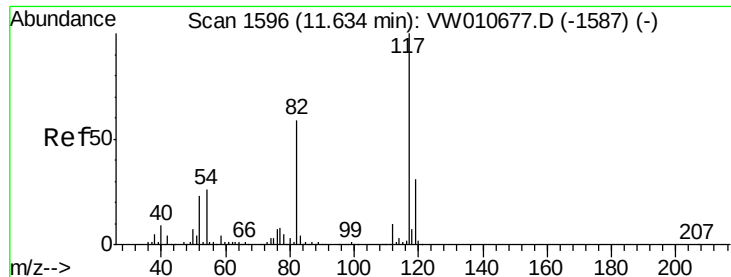
Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.4

176 71.7 0.0 144.8

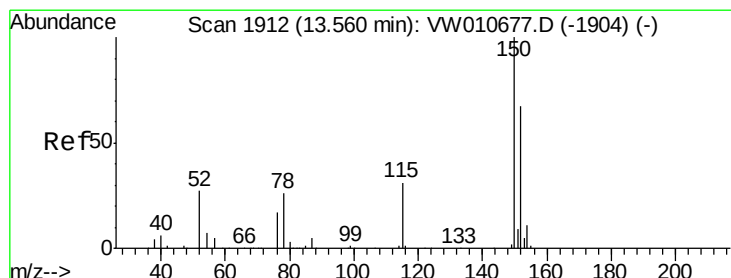
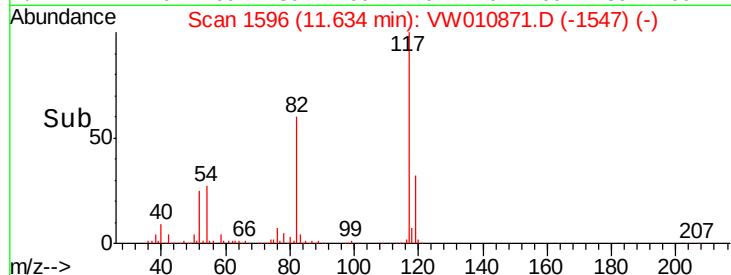
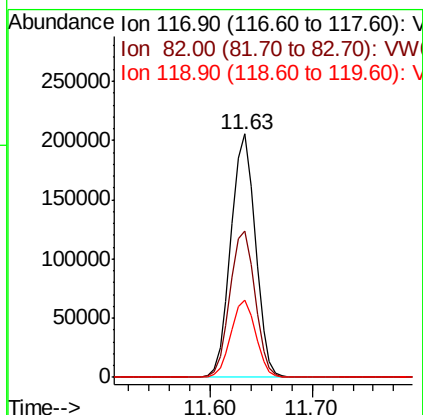
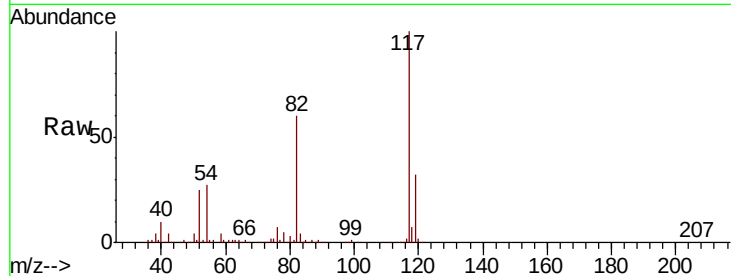




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010871.D
Acq: 20 Jun 2019 03:08

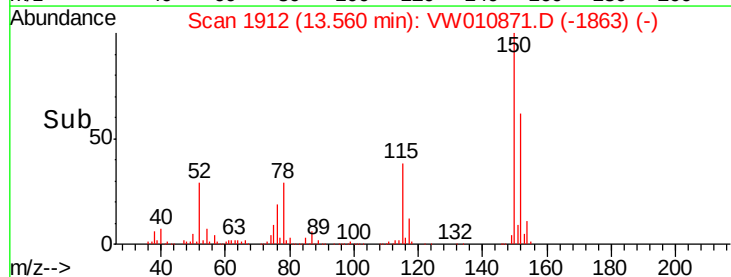
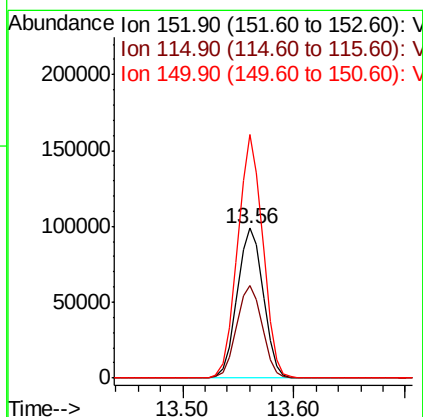
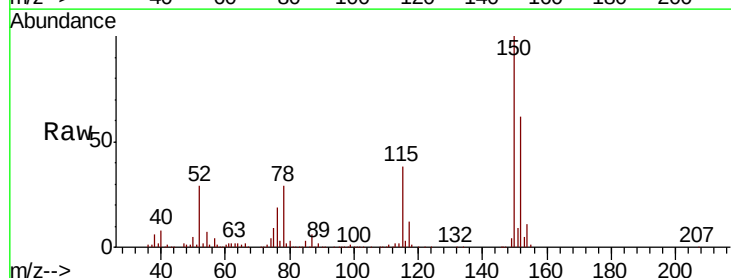
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-008-A

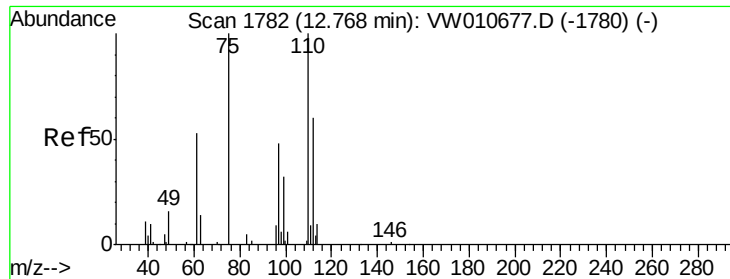
Tot Ion:117 Resp: 341450
Ion Ratio Lower Upper
117 100
82 59.9 47.0 70.4
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010871.D
Acq: 20 Jun 2019 03:08

Tgt Ion:152 Resp: 159811
Ion Ratio Lower Upper
152 100
115 60.9 29.8 89.3
150 156.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 56.508 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010871.D

Acq: 20 Jun 2019 03:08

Instrument :

MSVOA_W

ClientSampleId :

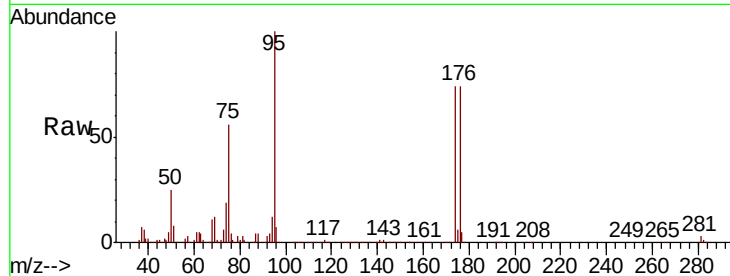
FK-SF-03-008-A

Tot Ion: 75 Resp: 94833

Ion Ratio Lower Upper

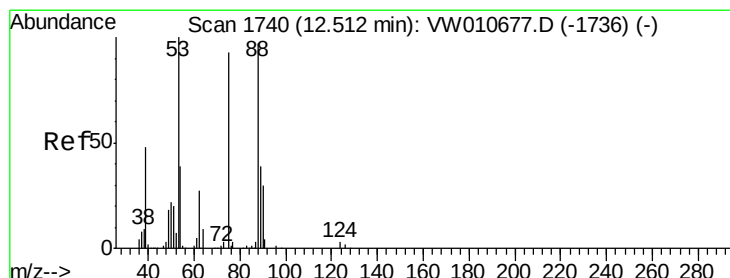
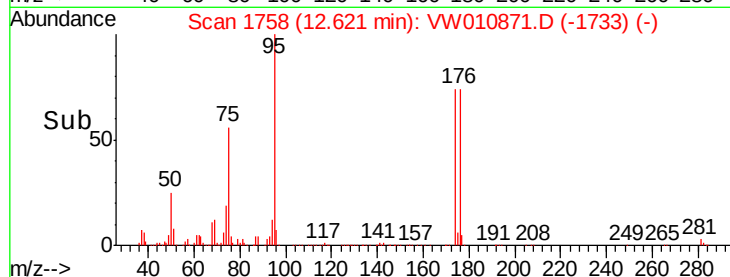
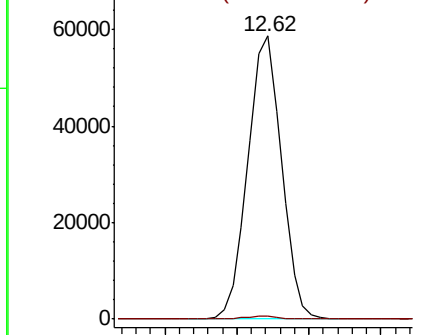
75 100

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: 129.873 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010871.D

Acq: 20 Jun 2019 03:08

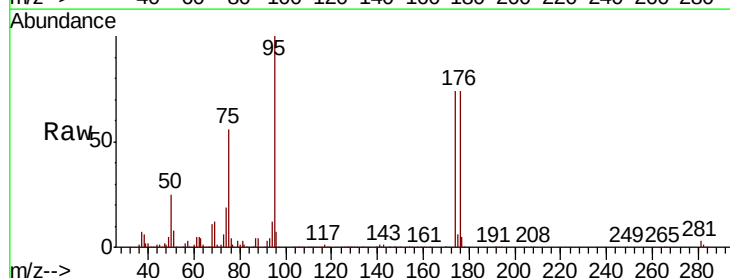
Tgt Ion: 75 Resp: 94833

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

