

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012903.D
 Acq On : 11 Sep 2019 07:05
 Operator : SY/VA
 Sample : K4662-01
 Misc : 6.72G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-090619

Quant Time: Sep 11 08:37:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

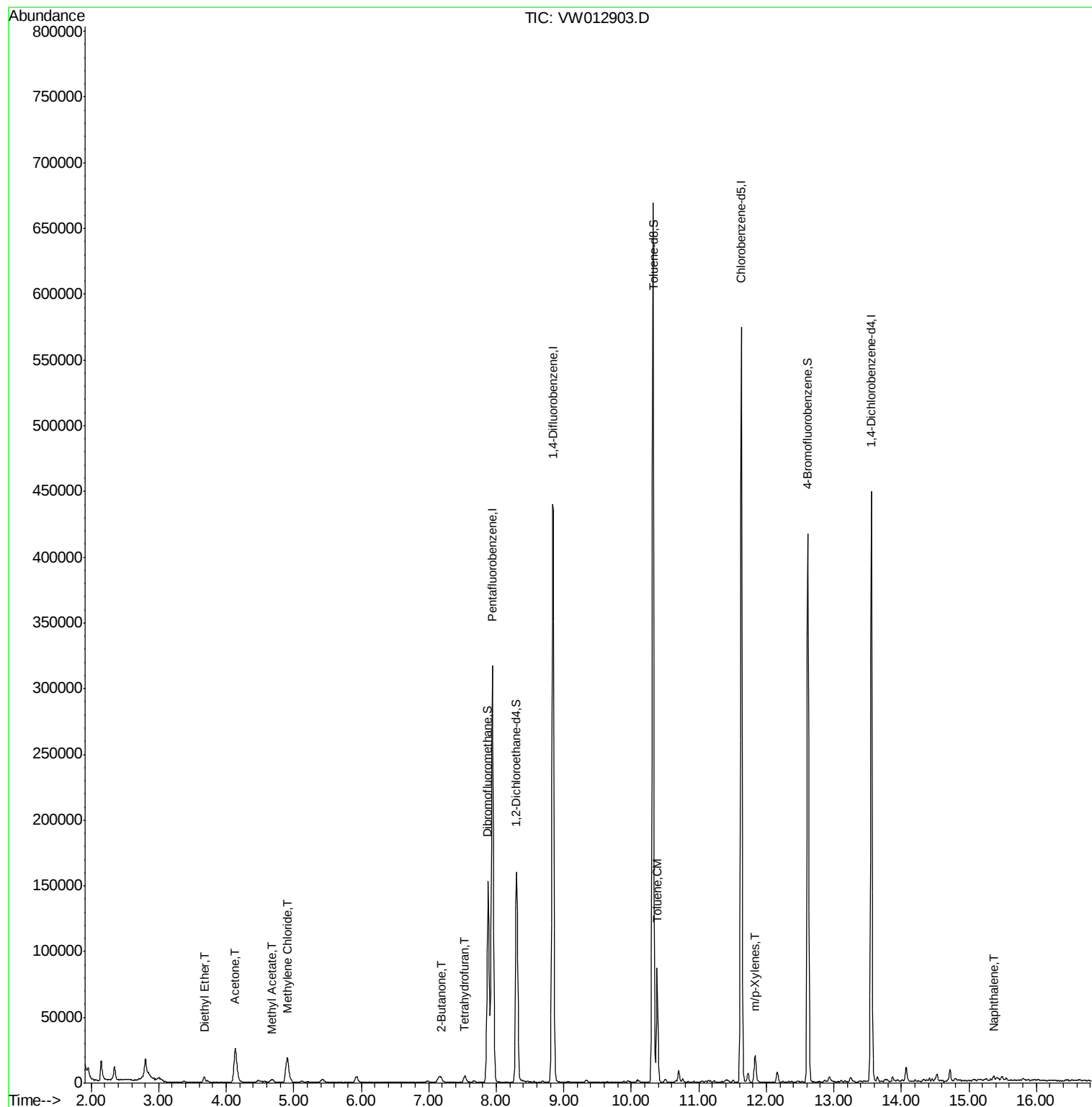
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	239540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	134133	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	7.88	113	106228	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.32	98	433308	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.62	95	133770	43.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.26%	
Target Compounds						
8) Diethyl Ether	3.68	74	1996	1.778	ug/l	84
16) Acetone	4.13	43	53408	73.196	ug/l	96
18) Methyl Acetate	4.67	43	5390	3.149	ug/l	100
20) Methylene Chloride	4.90	84	13962	6.116	ug/l	97
25) 2-Butanone	7.18	43	5182	24.124	ug/l	100
29) Tetrahydrofuran	7.54	42	4340	7.366	ug/l	97
52) Toluene	10.38	92	34833	6.243	ug/l	99
68) m/p-Xylenes	11.83	106	5914	1.508	ug/l	84
95) Naphthalene	15.37	128	3374	5.064	ug/l #	90

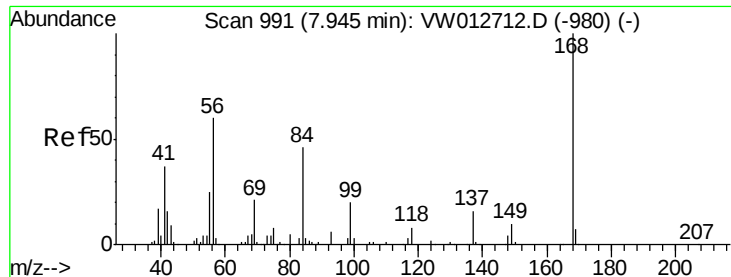
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091019\
Data File : VW012903.D
Acq On : 11 Sep 2019 07:05
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Quant Time: Sep 11 08:37:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012903.D

Acq: 11 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

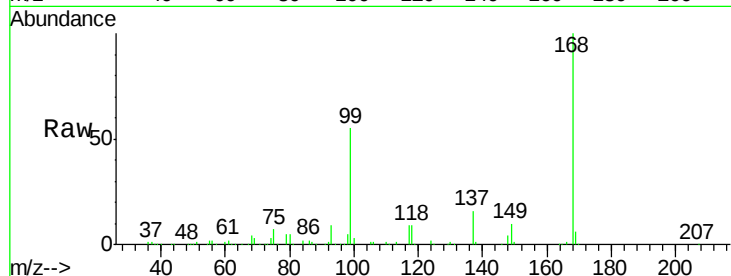
CL-01-090619

Tot Ion:168 Resp: 239540

Ion Ratio Lower Upper

168 100

99 55.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

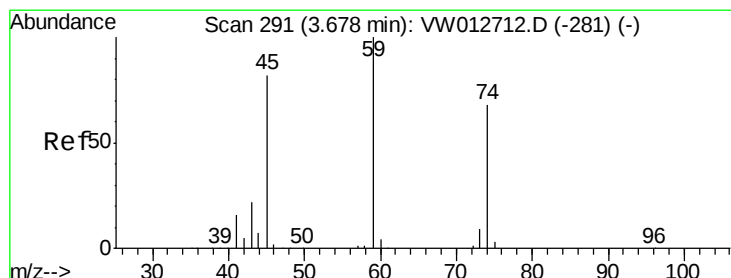
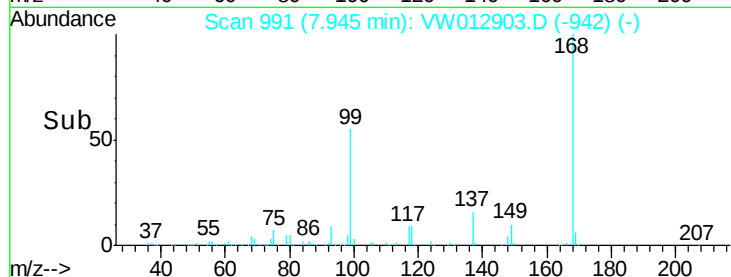
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 1.778 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW012903.D

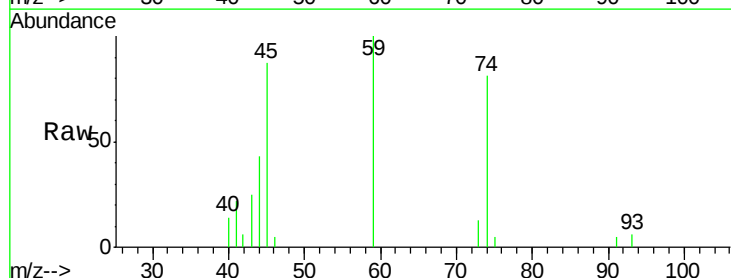
Acq: 11 Sep 2019 07:05

Tgt Ion: 74 Resp: 1996

Ion Ratio Lower Upper

74 100

45 134.7 58.8 176.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

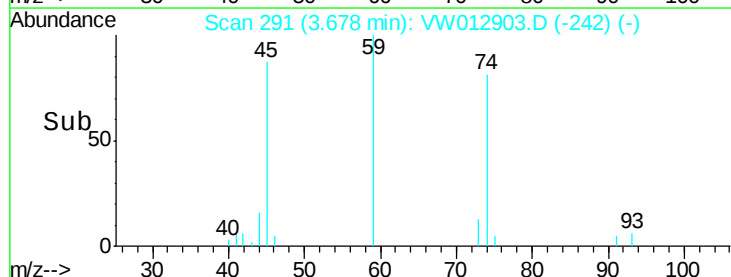
3.68

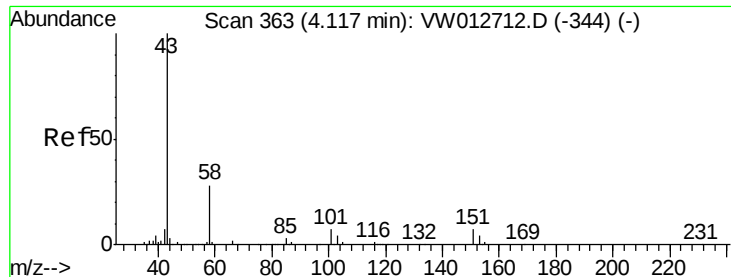
1000

500

0

Time--> 3.60 3.65 3.70 3.75





#16

Acetone

Concen: 73.196 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012903.D

Acq: 11 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

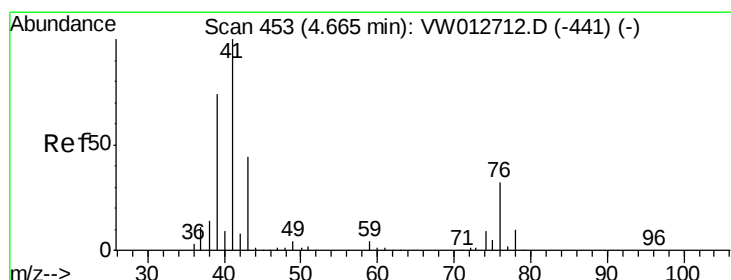
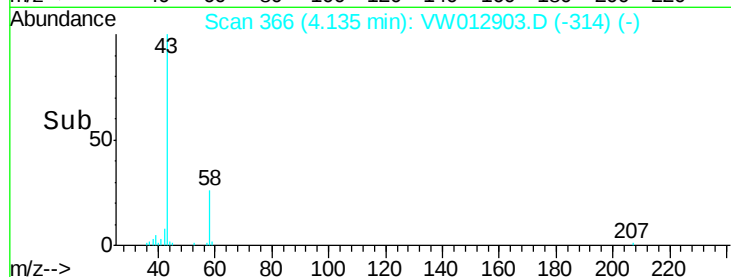
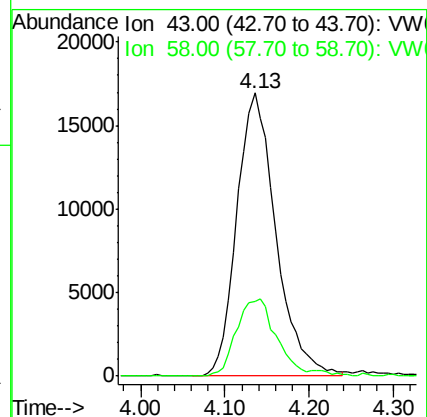
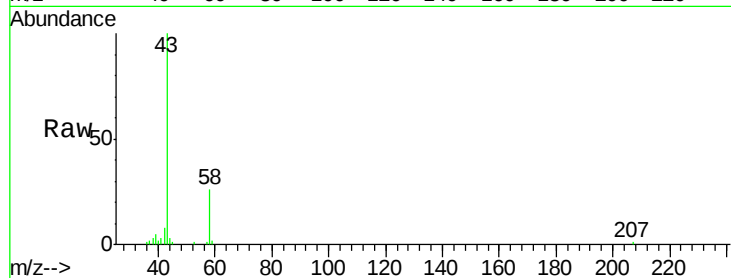
CL-01-090619

Tot Ion: 43 Resp: 53408

Ion Ratio Lower Upper

43 100

58 26.3 22.6 33.8



#18

Methyl Acetate

Concen: 3.149 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW012903.D

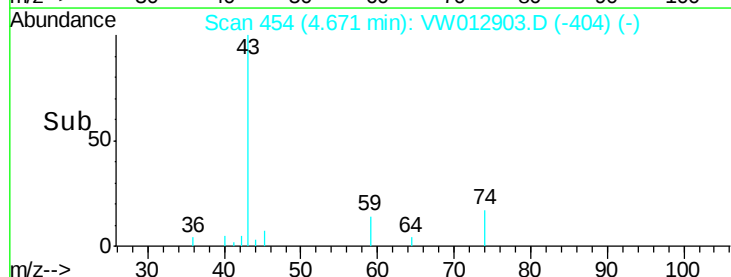
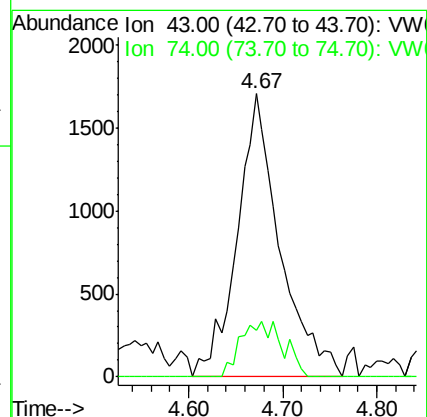
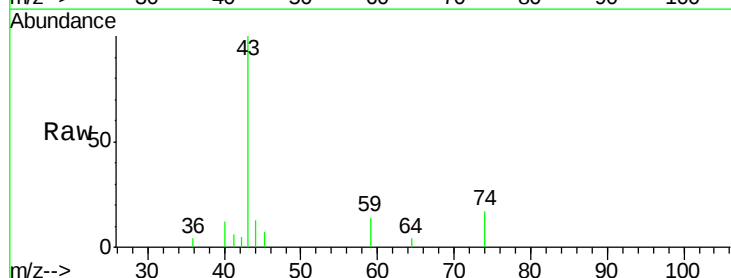
Acq: 11 Sep 2019 07:05

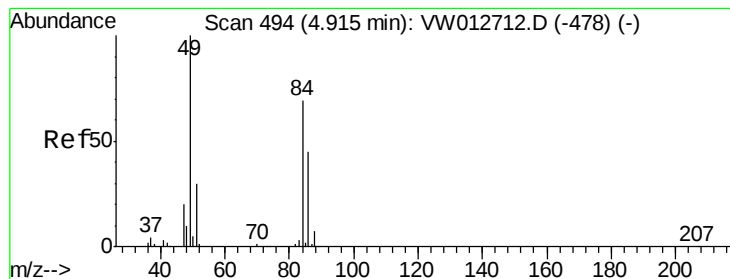
Tgt Ion: 43 Resp: 5390

Ion Ratio Lower Upper

43 100

74 19.5 15.8 23.6





#20

Methvlene Chloride

Concen: 6.116 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW012903.D

Acq: 11 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

CL-01-090619

Tot Ion: 84 Resp: 13962

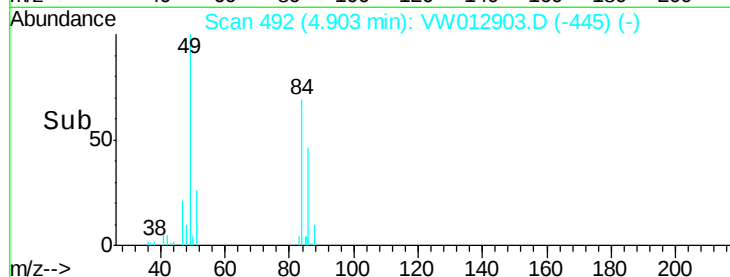
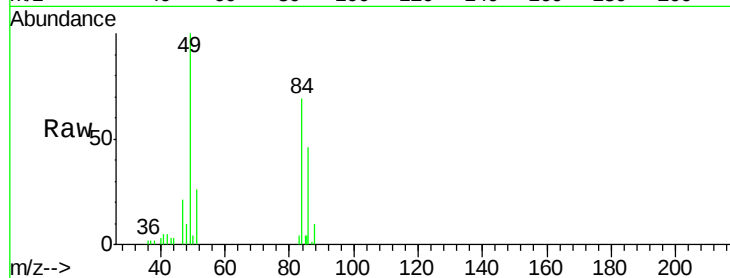
Ion Ratio Lower Upper

84 100

49 145.7 115.4 173.0

51 37.5 34.9 52.3

86 67.6 52.2 78.4

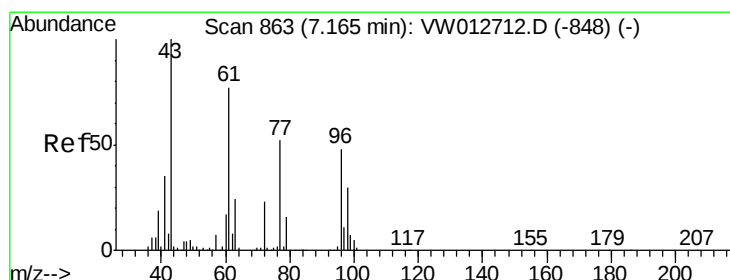
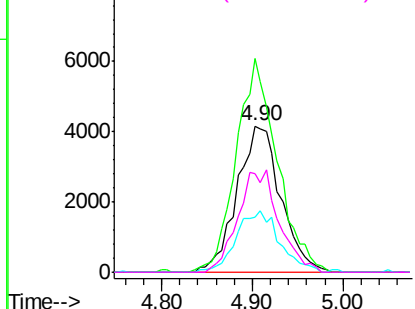


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 24.124 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW012903.D

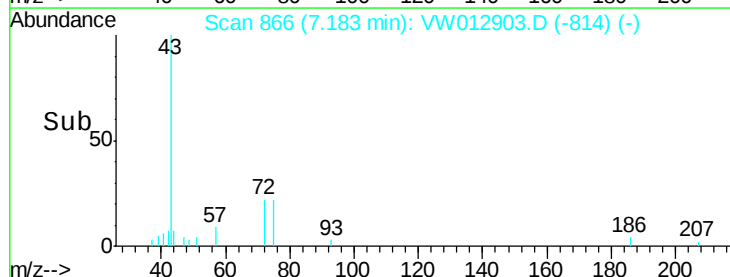
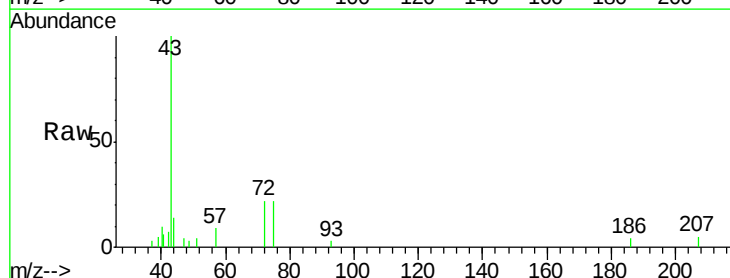
Acq: 11 Sep 2019 07:05

Tgt Ion: 43 Resp: 5182

Ion Ratio Lower Upper

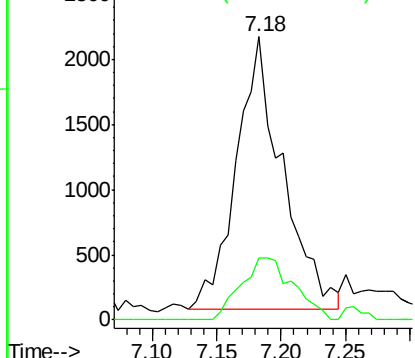
43 100

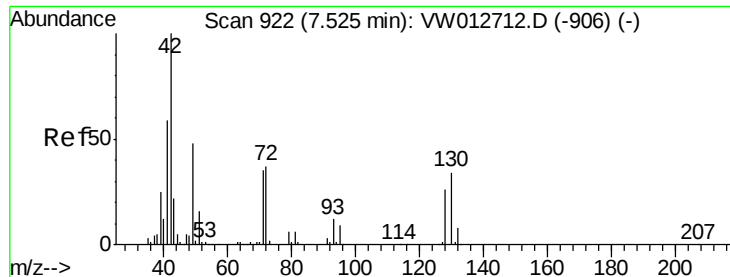
72 22.7 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

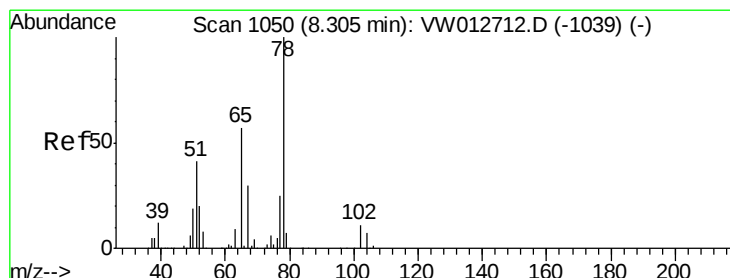
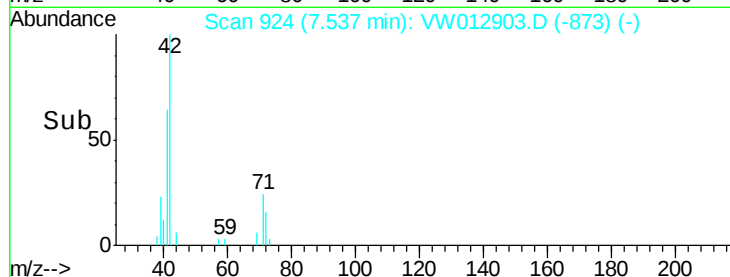
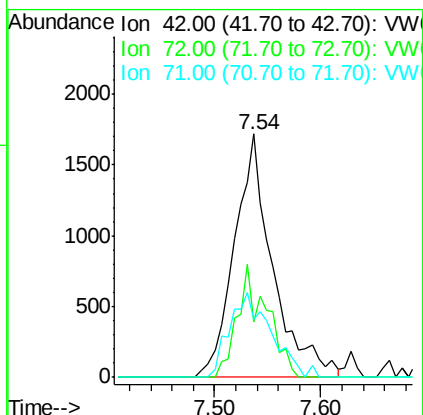
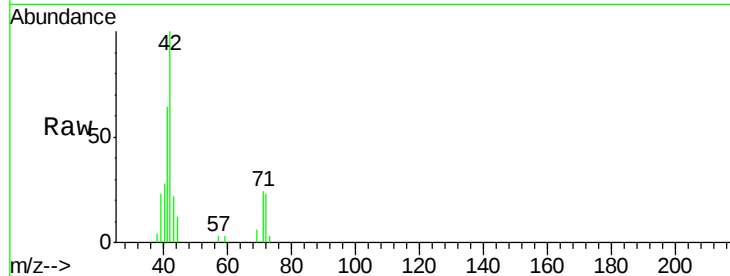




#29
Tetrahydrofuran
Concen: 7.366 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012903.D
Acq: 11 Sep 2019 07:05

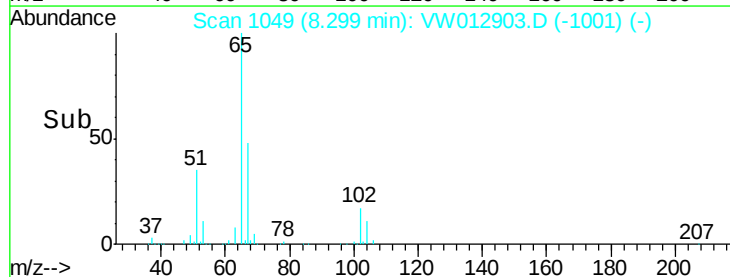
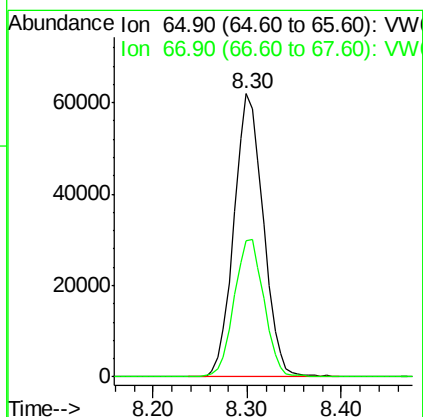
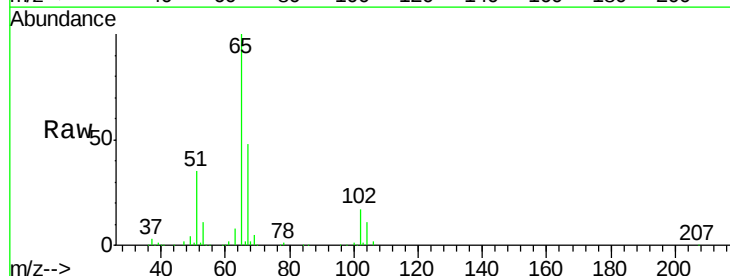
Instrument :
MSVOA_W
ClientSampleId :
CL-01-090619

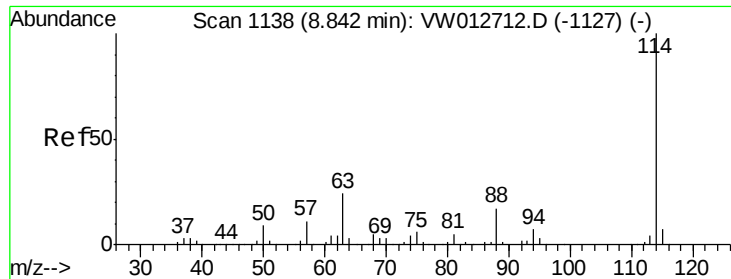
Tot Ion: 42 Resp: 4340
Ion Ratio Lower Upper
42 100
72 35.8 28.4 42.6
71 36.8 27.1 40.7



#33
1,2-Dichloroethane-d4
Concen: 50.116 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012903.D
Acq: 11 Sep 2019 07:05

Tgt Ion: 65 Resp: 134133
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

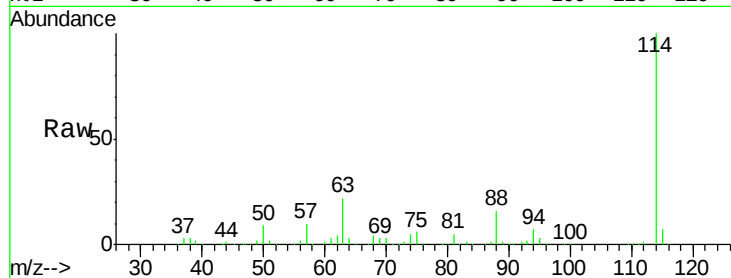




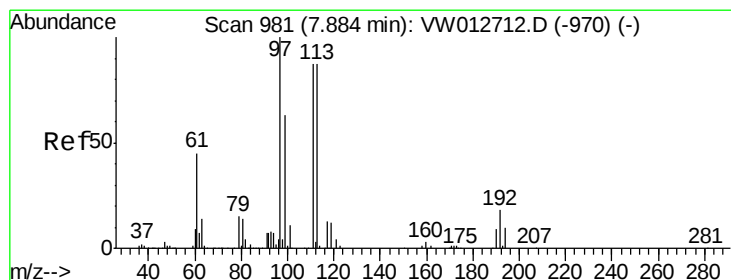
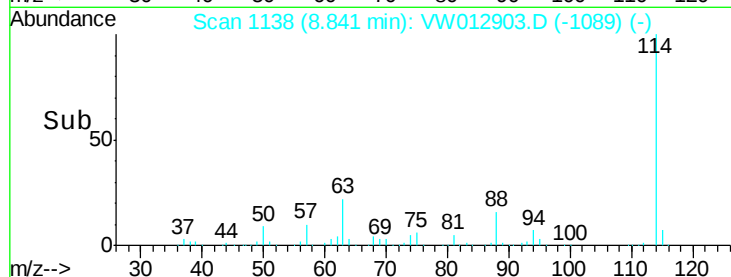
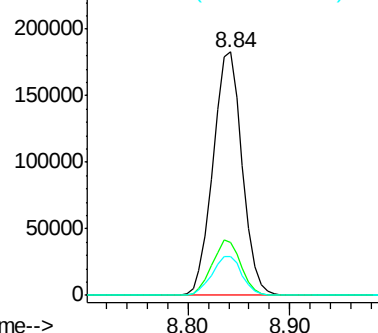
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012903.D
 Acq: 11 Sep 2019 07:05

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-090619

Tot Ion:114 Resp: 362618
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 47.2
 88 16.2 0.0 34.0

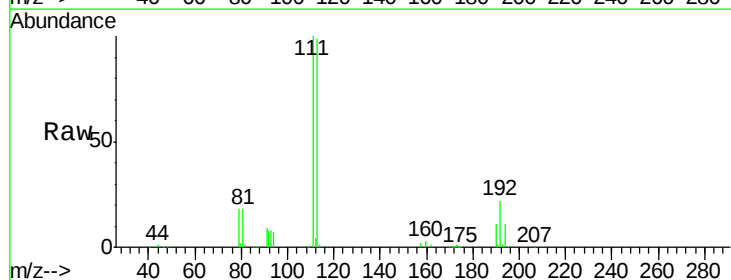


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

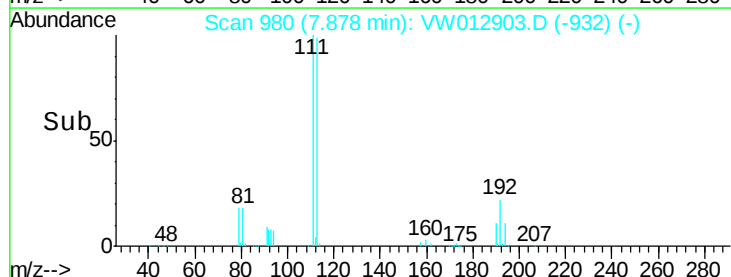
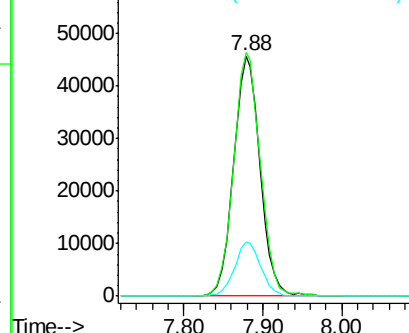


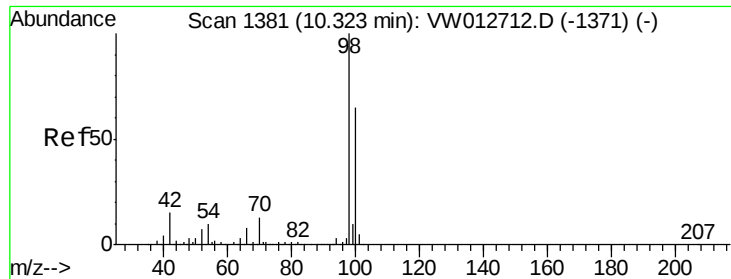
#35
 Dibromofluoromethane
 Concen: 49.274 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012903.D
 Acq: 11 Sep 2019 07:05

Tgt Ion:113 Resp: 106228
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.2 120.4
 192 22.2 17.3 25.9



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





#50

Toluene-d8

Concen: 51.302 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012903.D

Acq: 11 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampled :

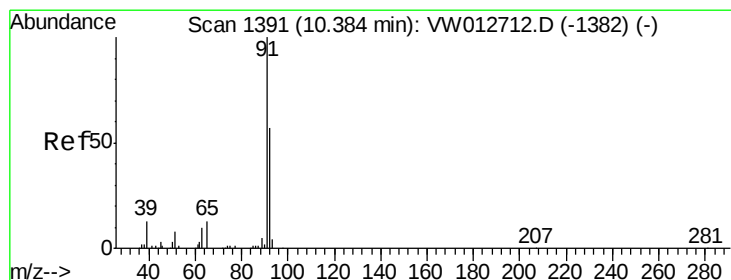
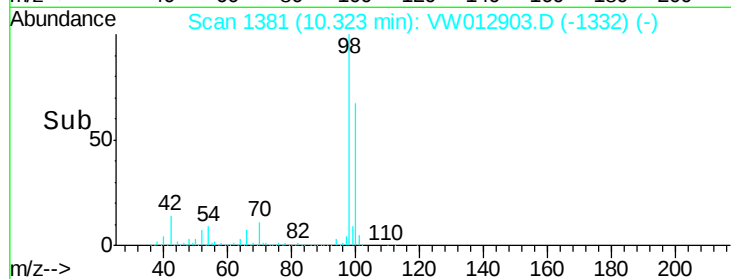
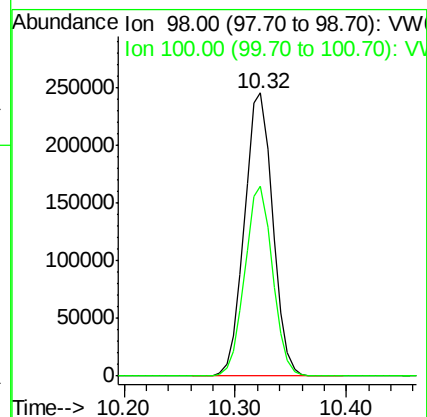
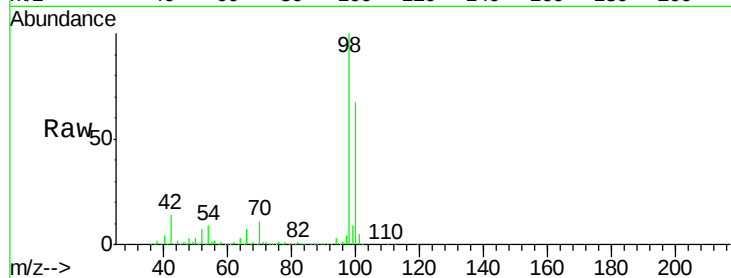
CL-01-090619

Tot Ion: 98 Resp: 433308

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.4



#52

Toluene

Concen: 6.243 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012903.D

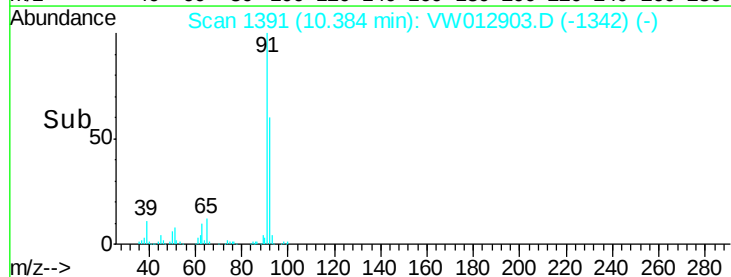
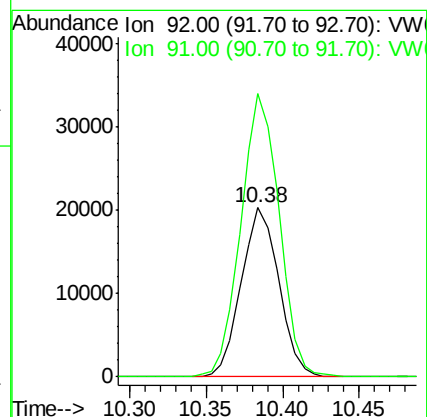
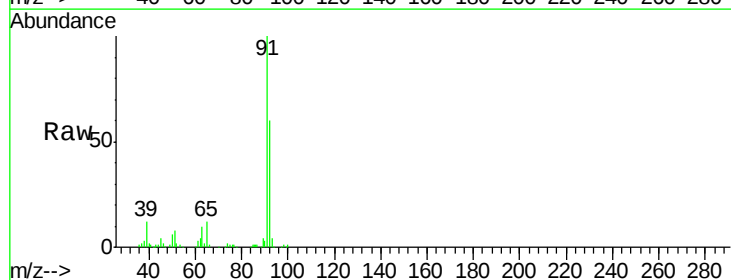
Acq: 11 Sep 2019 07:05

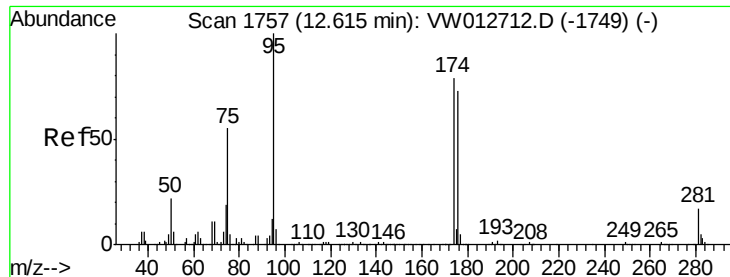
Tgt Ion: 92 Resp: 34833

Ion Ratio Lower Upper

92 100

91 170.2 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 43.627 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012903.D

Acq: 11 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

CL-01-090619

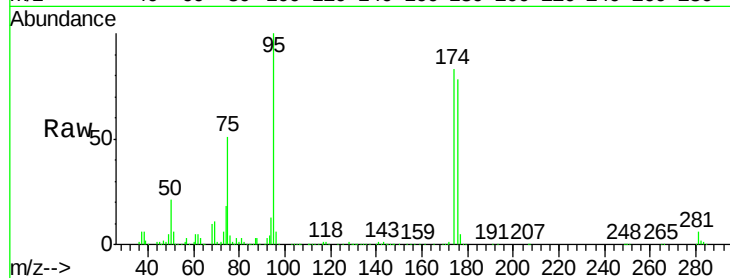
Tot Ion: 95 Resp: 133770

Ion Ratio Lower Upper

95 100

174 84.2 0.0 161.0

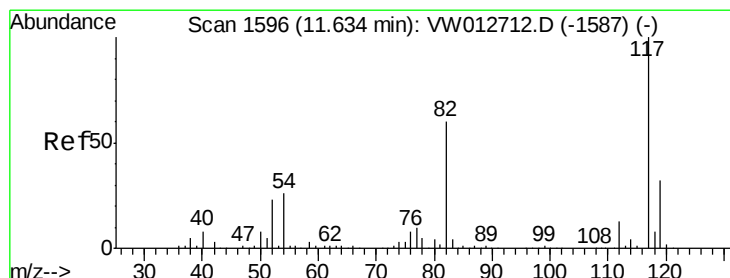
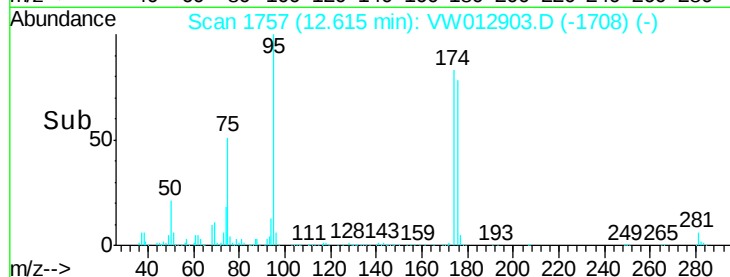
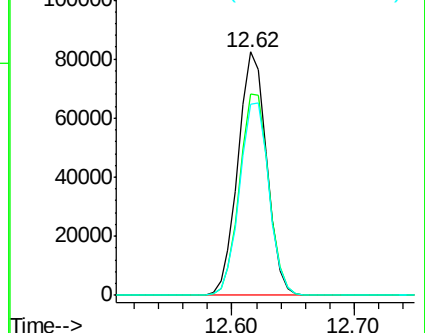
176 80.8 0.0 156.4



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# 1595

Delta R.T. -0.01 min

Lab File: VW012903.D

Acq: 11 Sep 2019 07:05

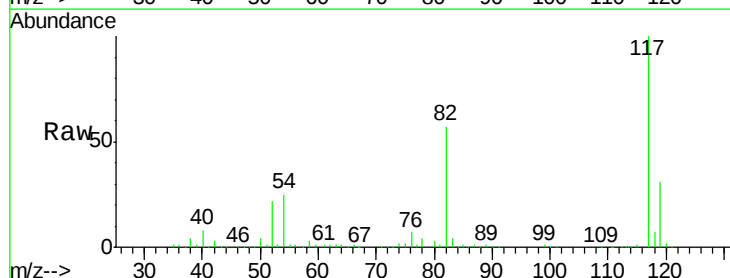
Tgt Ion: 117 Resp: 306375

Ion Ratio Lower Upper

117 100

82 57.3 48.2 72.4

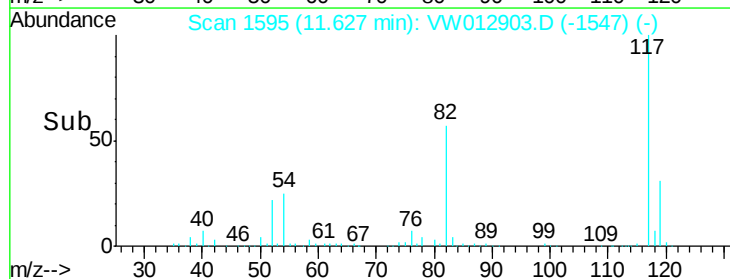
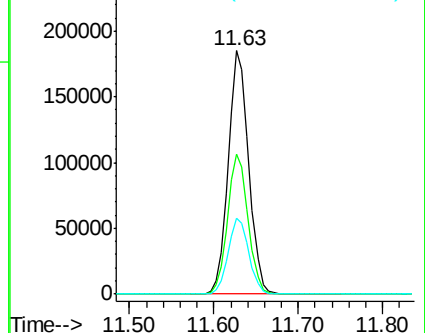
119 31.2 25.8 38.6

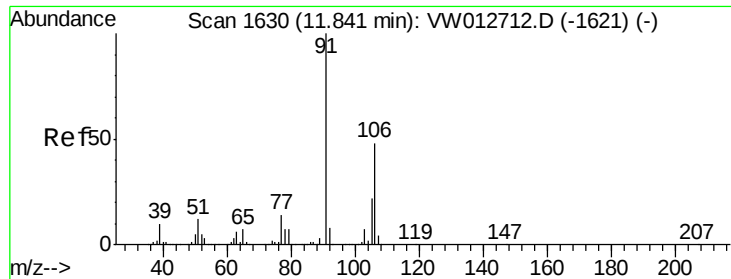


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

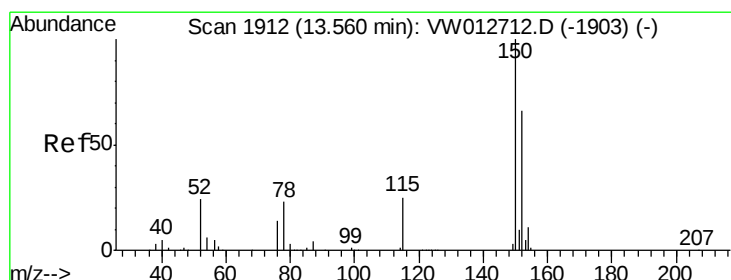
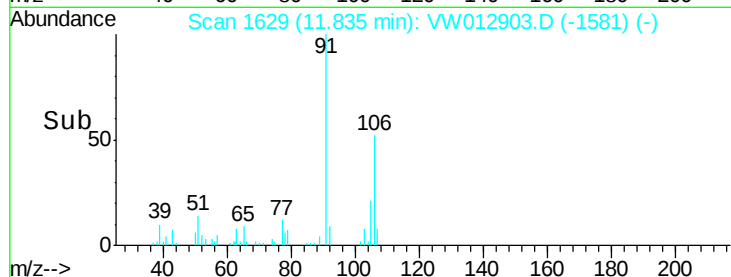
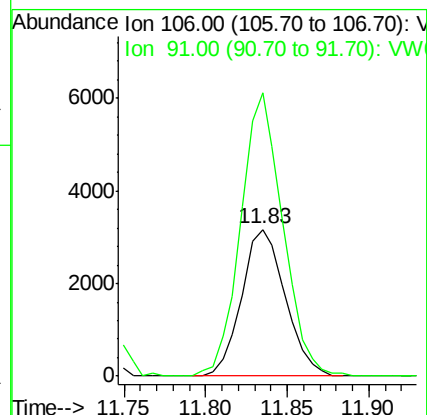
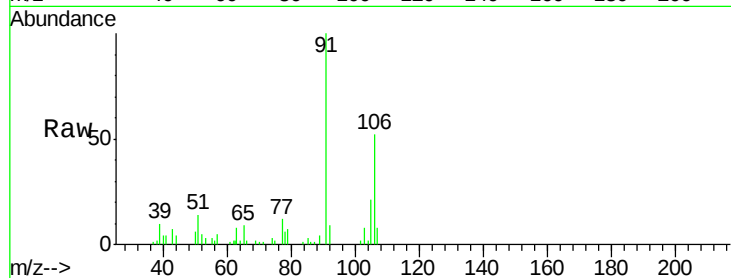




#68
m/p-Xvlenes
Concen: 1.508 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012903.D
Acq: 11 Sep 2019 07:05

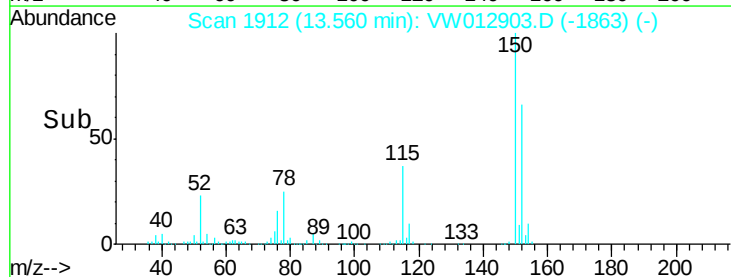
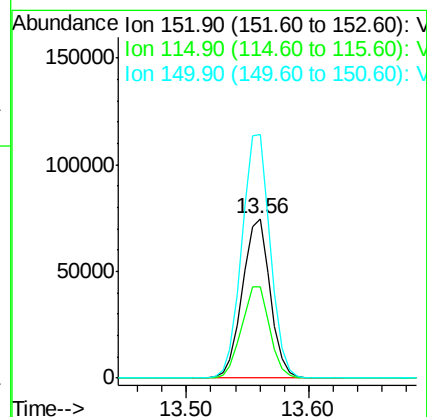
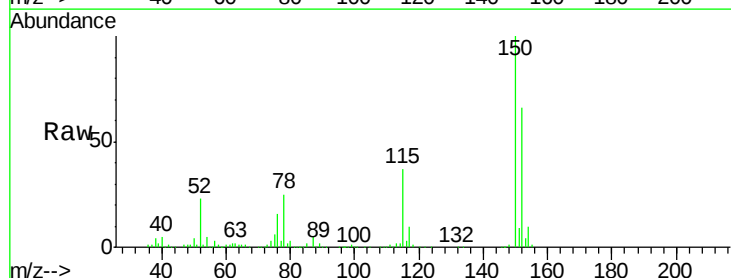
Instrument :
MSVOA_W
ClientSampleId :
CL-01-090619

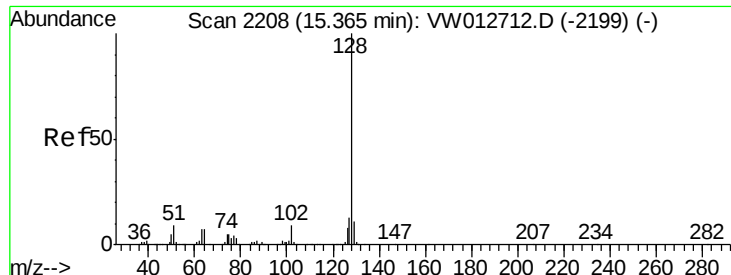
Tot Ion:106 Resp: 5914
Ion Ratio Lower Upper
106 100
91 185.8 168.2 252.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012903.D
Acq: 11 Sep 2019 07:05

Tgt Ion:152 Resp: 117293
Ion Ratio Lower Upper
152 100
115 58.2 30.0 90.1
150 155.8 0.0 349.0





#95

Naphthalene

Concen: 5.064 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW012903.D

Acq: 11 Sep 2019 07:05

Instrument :

MSVOA_W

ClientSampleId :

CL-01-090619

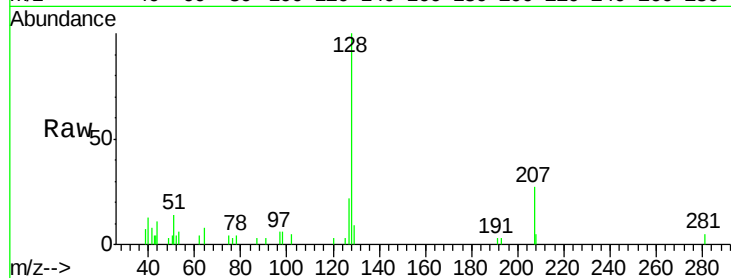
Tot Ion:128 Resp: 3374

Ion Ratio Lower Upper

128 100

127 20.0 10.7 16.1#

129 10.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

