

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012739.D
 Acq On : 07 Sep 2019 23:46
 Operator : SY/VA
 Sample : K4554-44
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4-(7-9)

Quant Time: Sep 08 05:50:06 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

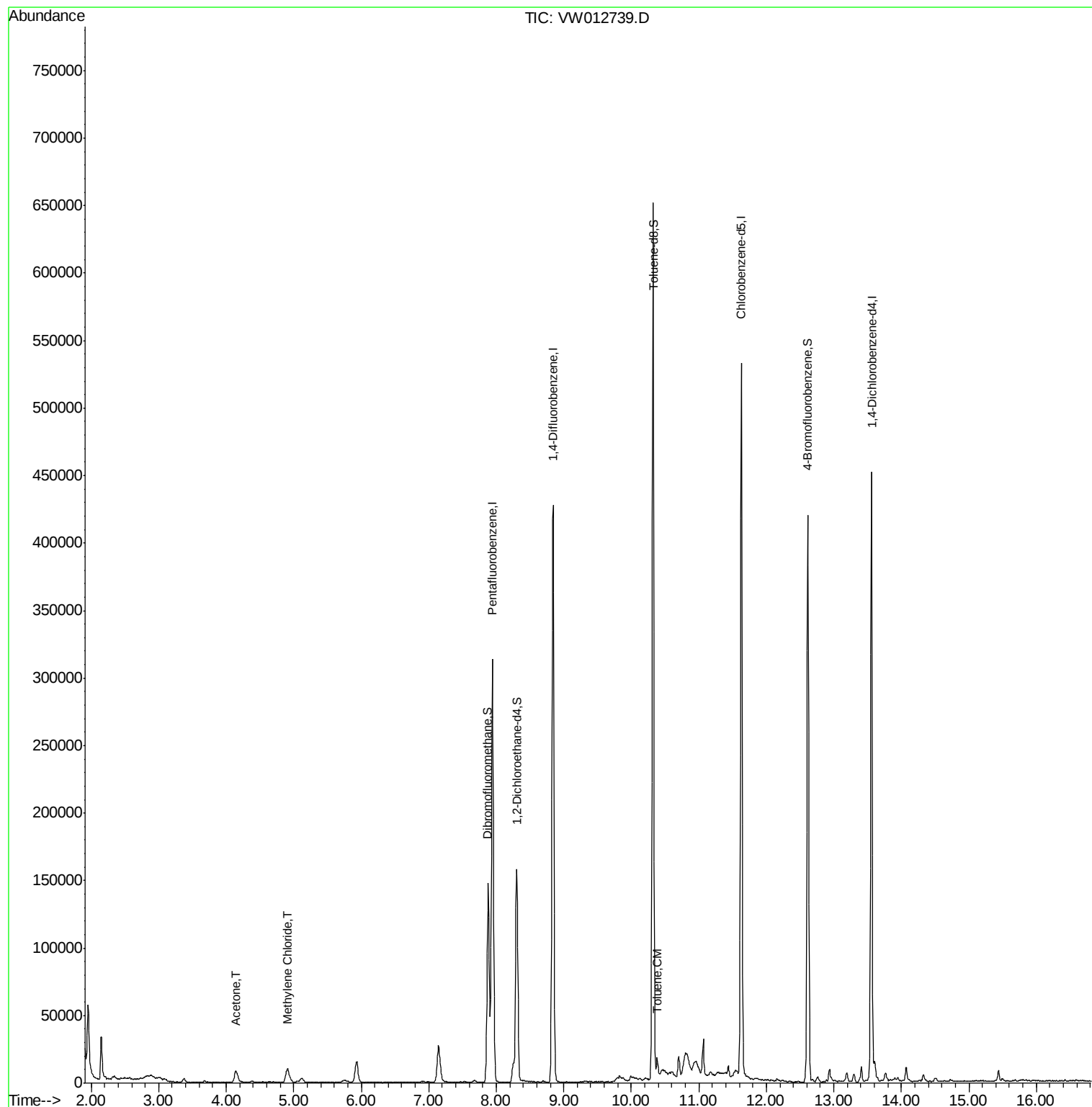
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	282035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115109	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	134002	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
35) Dibromofluoromethane	7.88	113	102469	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.32	98	413609	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	127478	43.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.30%	
Target Compounds						
16) Acetone	4.14	43	19094	27.370	ug/l	94
20) Methylene Chloride	4.91	84	7534	3.452	ug/l	90
52) Toluene	10.38	92	5477	1.019	ug/l	92

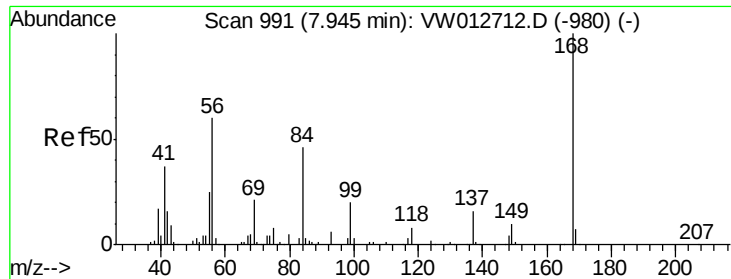
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012739.D

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Instrument :

MSVOA_W

ClientSampleId :

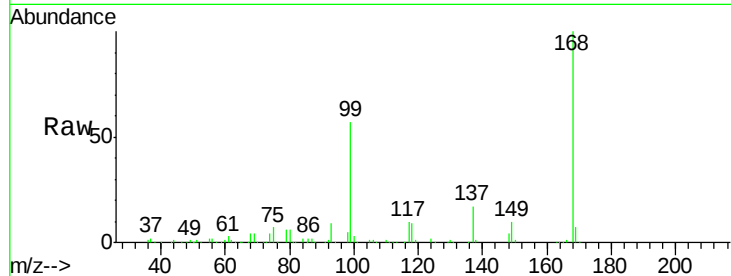
SB-4-(7-9)

Tot Ion:168 Resp: 229029

Ion Ratio Lower Upper

168 100

99 57.4 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

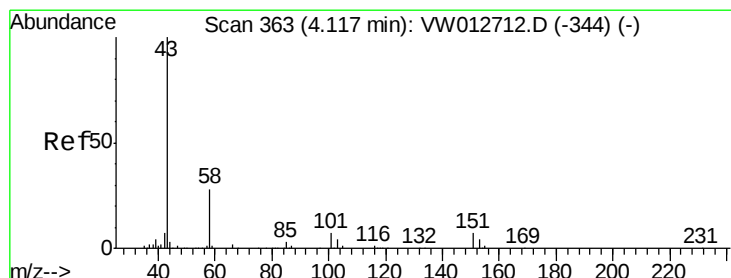
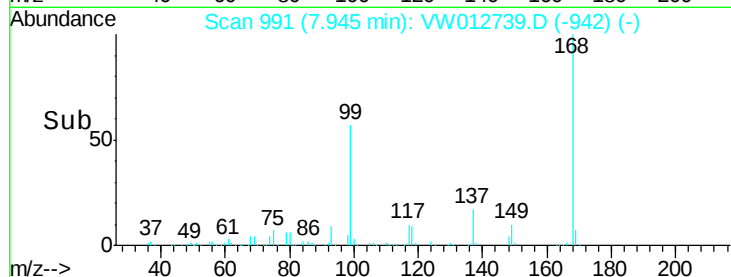
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 27.370 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012739.D

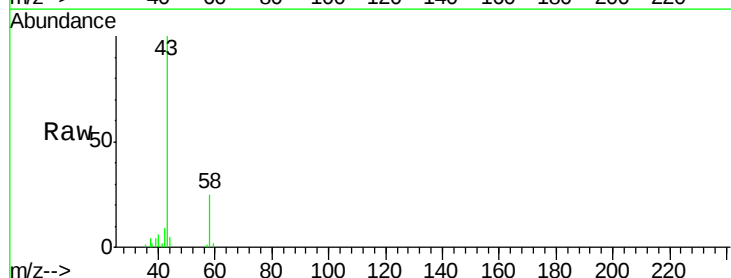
Acq: 07 Sep 2019 23:46

Tgt Ion: 43 Resp: 19094

Ion Ratio Lower Upper

43 100

58 25.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

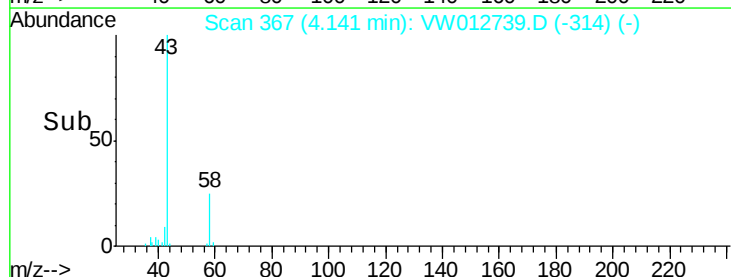
3000

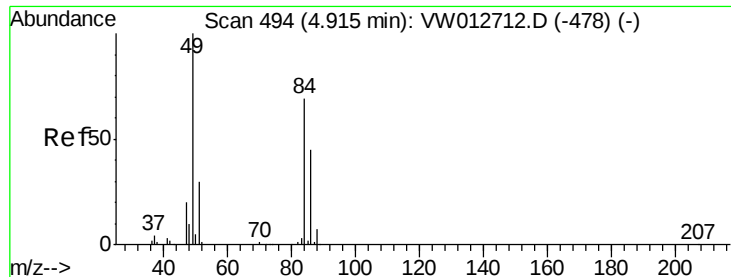
2000

1000

0

Time--> 4.00 4.10 4.20

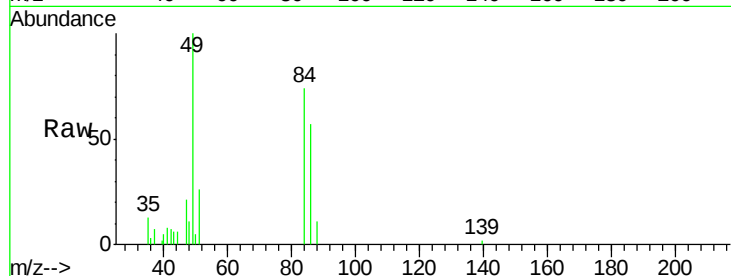




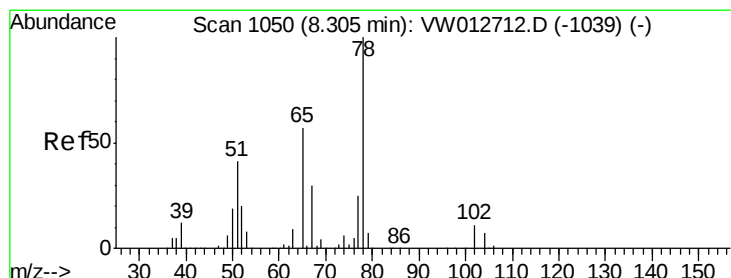
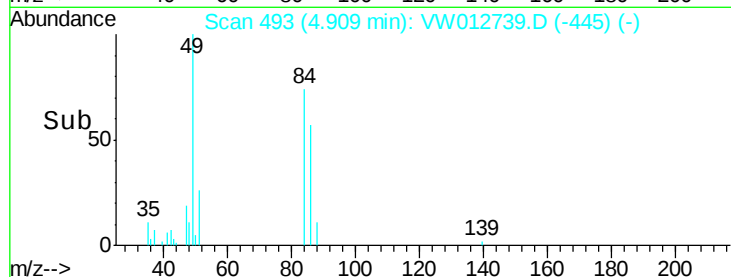
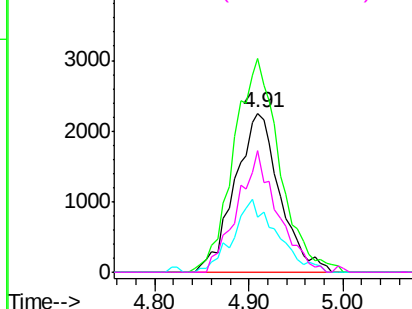
#20
Methylene Chloride
Concen: 3.452 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

Instrument :
MSVOA_W
ClientSampleId :
SB-4-(7-9)

Tot Ion: 84 Resp: 7534
Ion Ratio Lower Upper
84 100
49 134.4 115.4 173.0
51 35.0 34.9 52.3
86 76.3 52.2 78.4

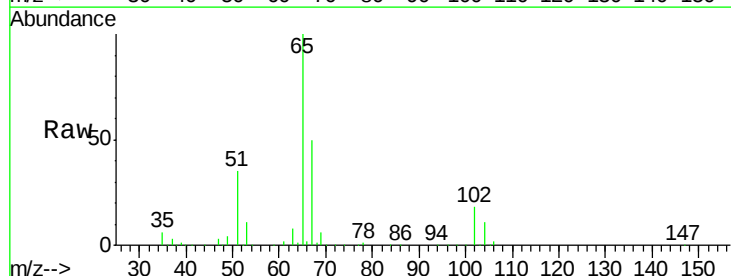


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

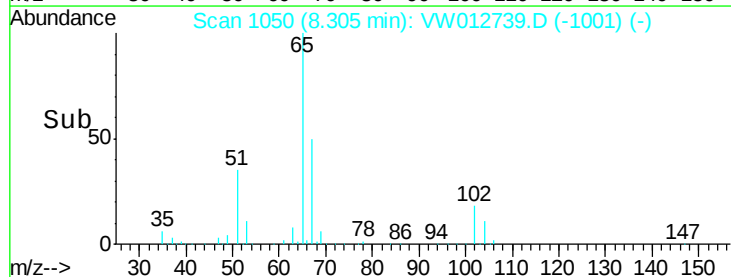
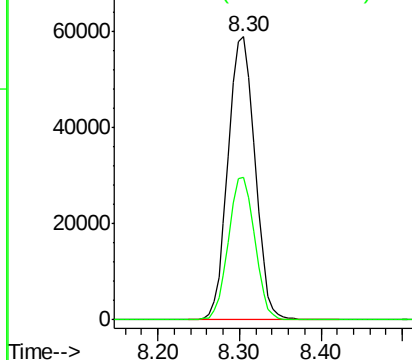


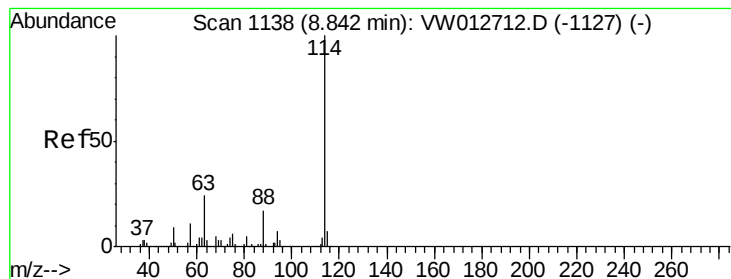
#33
1,2-Dichloroethane-d4
Concen: 52.365 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

Tgt Ion: 65 Resp: 134002
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8



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: VW012739.D

Acq: 07 Sep 2019 23:46

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(7-9)

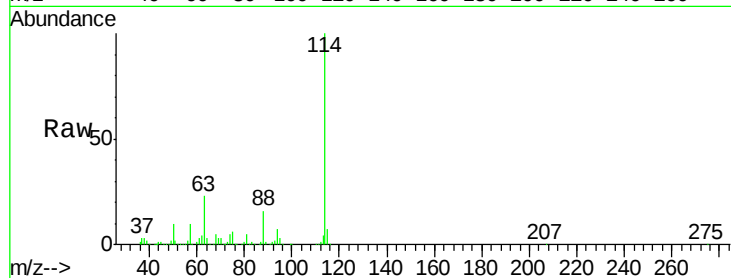
Tot Ion:114 Resp: 349386

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.2

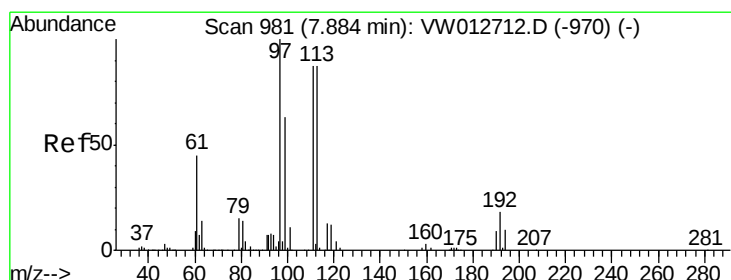
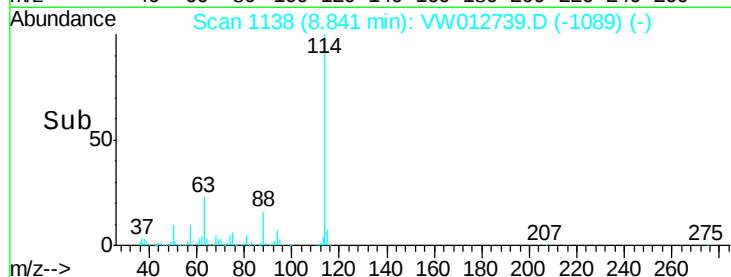
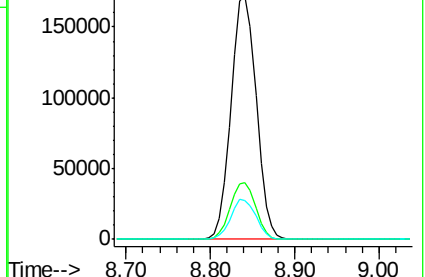
88 16.1 0.0 34.0



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: 49.330 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

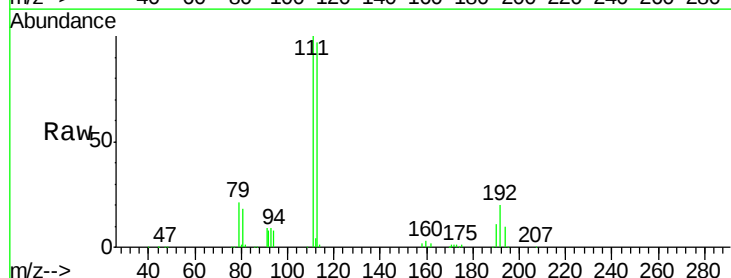
Tgt Ion:113 Resp: 102469

Ion Ratio Lower Upper

113 100

111 103.9 80.2 120.4

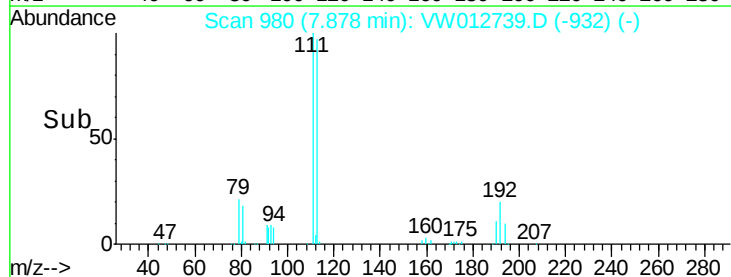
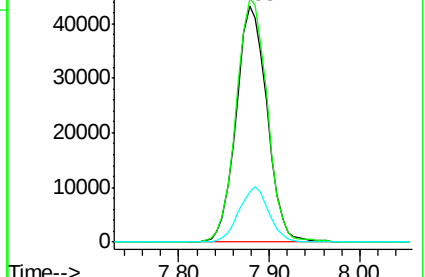
192 22.6 17.3 25.9

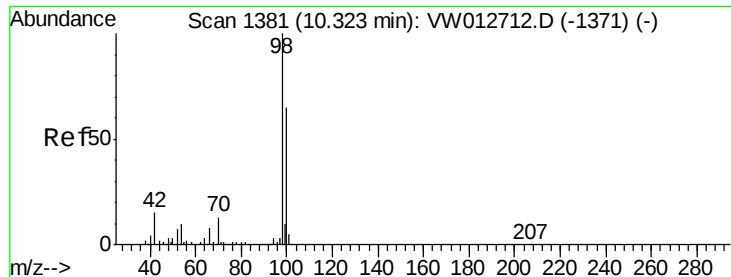


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

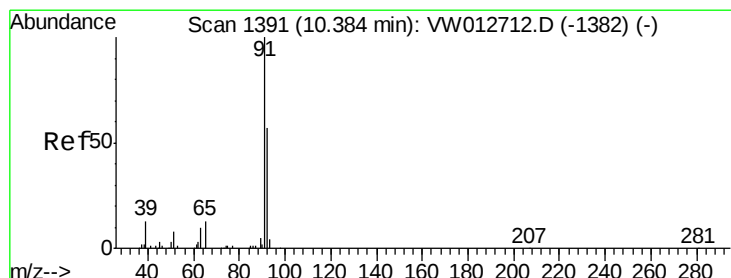
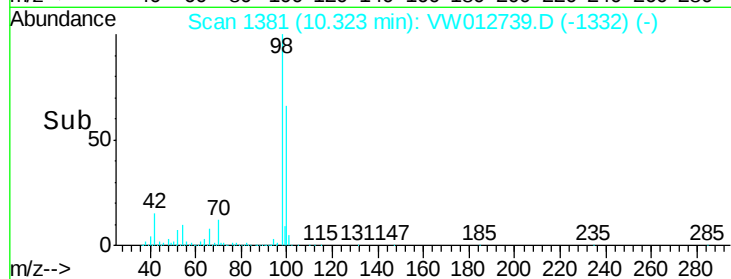
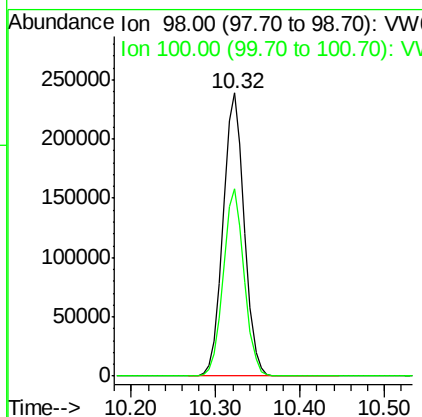
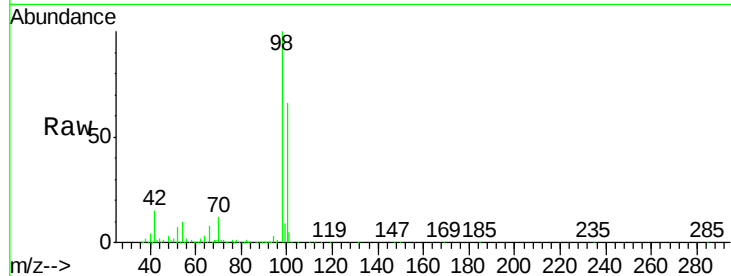




#50
Toluene-d8
Concen: 50.825 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

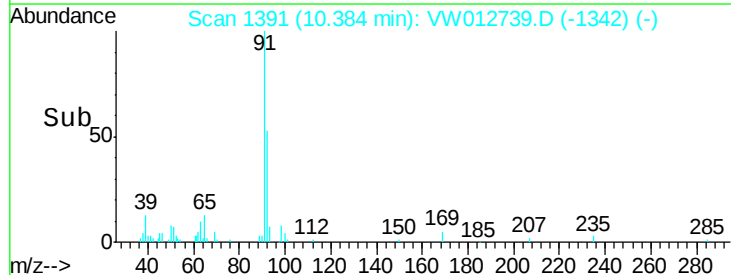
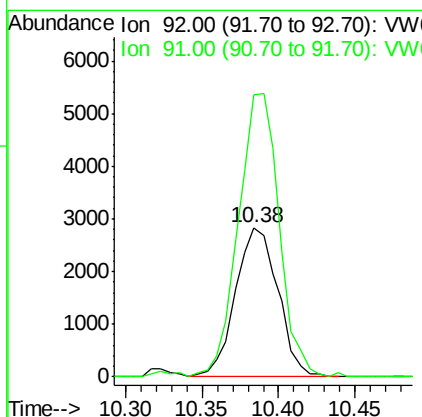
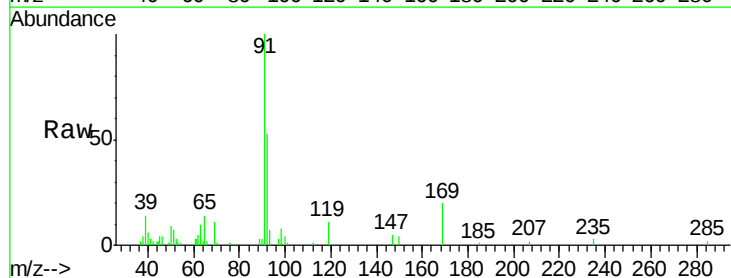
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SB-4-(7-9)

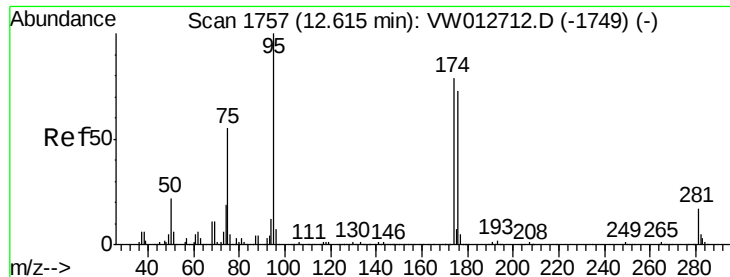
Tot Ion: 98 Resp: 413609
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#52
Toluene
Concen: 1.019 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

Tgt Ion: 92 Resp: 5477
Ion Ratio Lower Upper
92 100
91 181.8 137.0 205.4

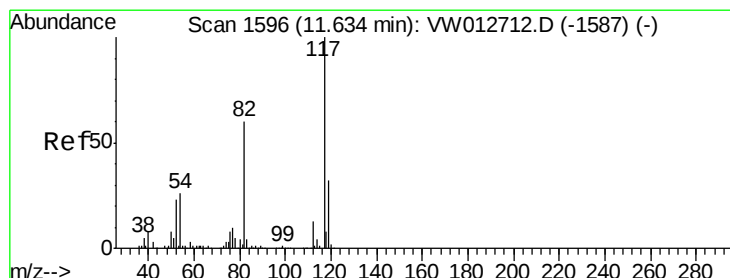
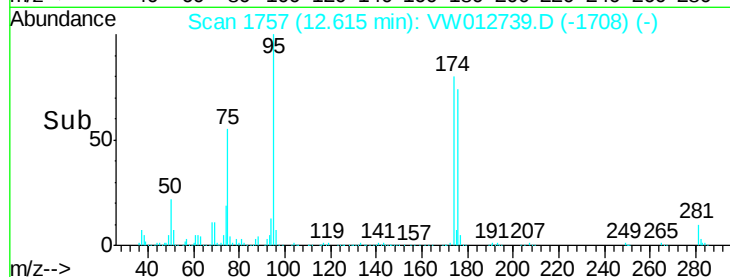
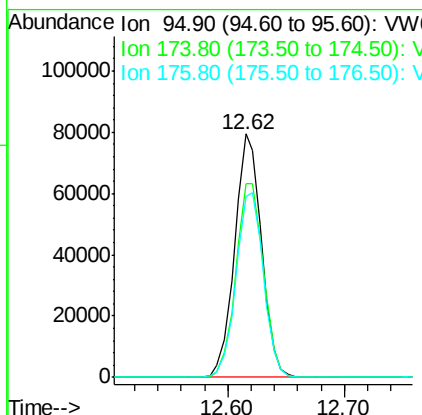
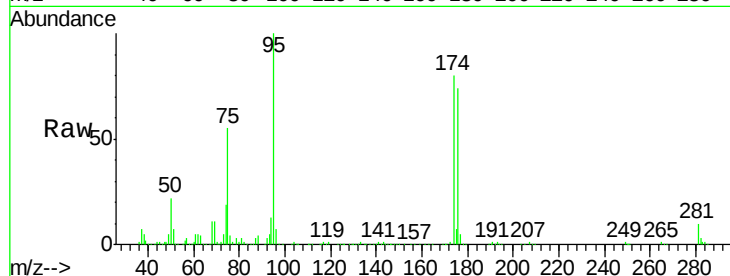




#62
4-Bromofluorobenzene
Concen: 43.149 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

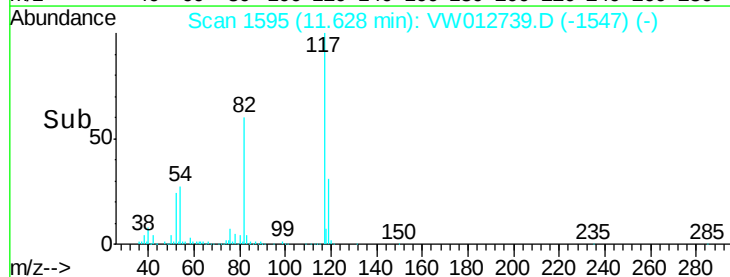
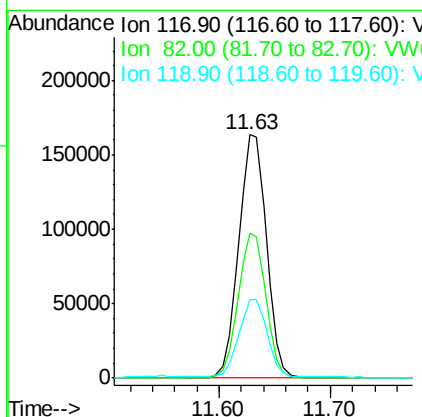
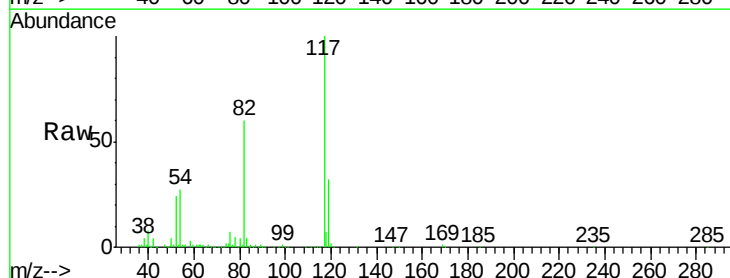
Instrument :
MSVOA_W
ClientSampleId :
SB-4-(7-9)

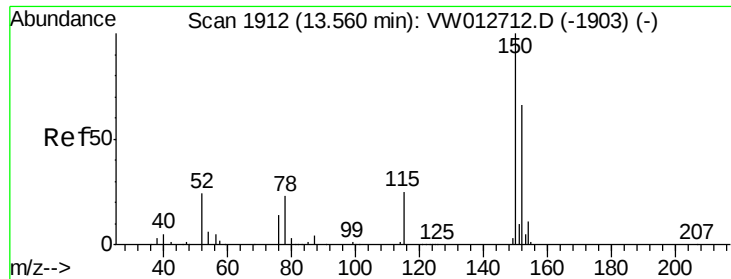
Tot Ion: 95 Resp: 127478
Ion Ratio Lower Upper
95 100
174 82.3 0.0 161.0
176 77.4 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012739.D
Acq: 07 Sep 2019 23:46

Tgt Ion: 117 Resp: 282035
Ion Ratio Lower Upper
117 100
82 59.5 48.2 72.4
119 31.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012739.D

Acq: 07 Sep 2019 23:46

Instrument :

MSVOA_W

ClientSampleId :

SB-4-(7-9)

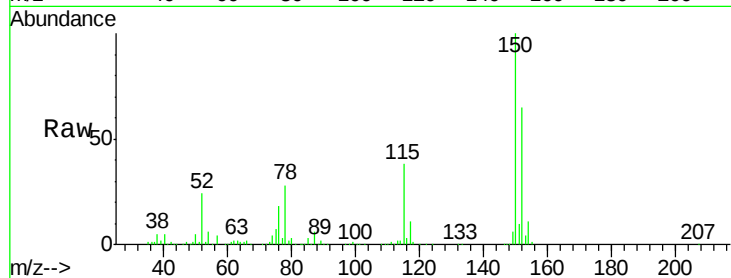
Tot Ion:152 Resp: 115109

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.1

150 156.9 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

