

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW053119\
 Data File : VW010633.D
 Acq On : 31 May 2019 13:38
 Operator : SY/VA
 Sample : K3097-16
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0436-HR-16(HACKENSACK)

Quant Time: Jun 11 04:42:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

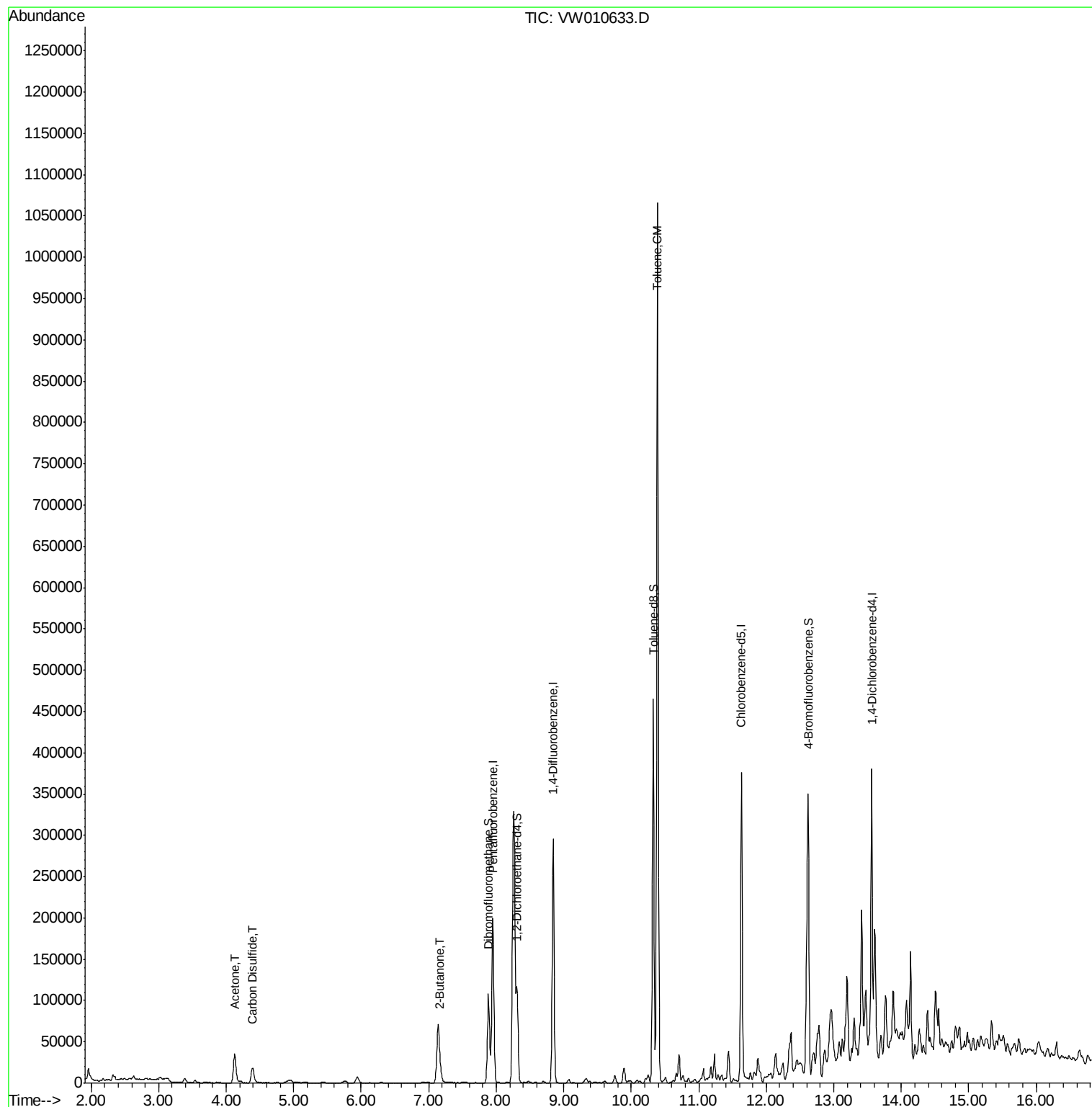
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	151710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	266794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	224924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	92926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88741	56.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.34%	
35) Dibromofluoromethane	7.88	113	81318	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.32	98	317023	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.62	95	110548	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	4.12	43	60207	188.361	ug/l	98
17) Carbon Disulfide	4.38	76	6941	1.452	ug/l #	94
25) 2-Butanone	7.17	43	16439	35.938	ug/l	94
52) Toluene	10.39	92	484412	104.419	ug/l	98

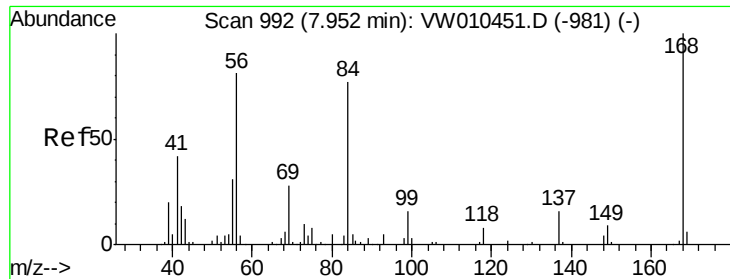
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

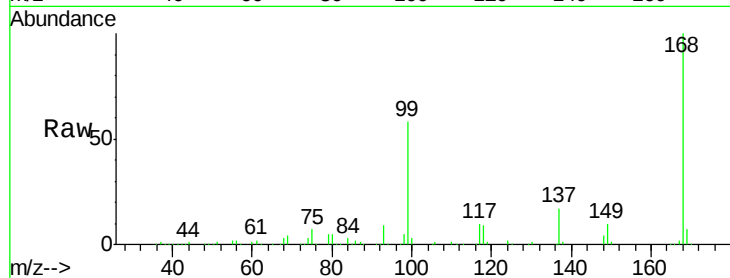
0436-HR-16(HACKENSACK)

Tot Ion:168 Resp: 151710

Ion Ratio Lower Upper

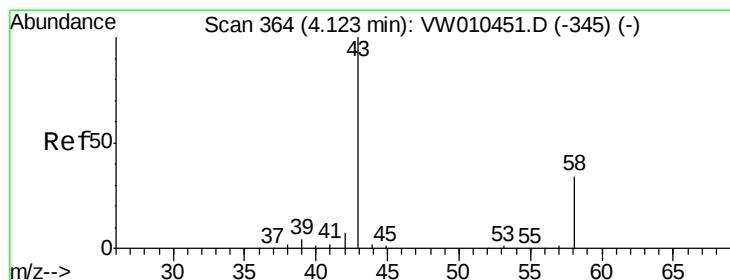
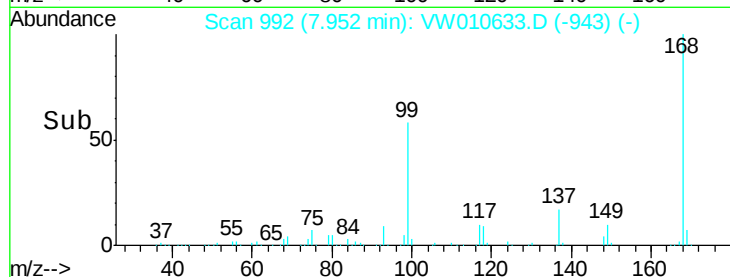
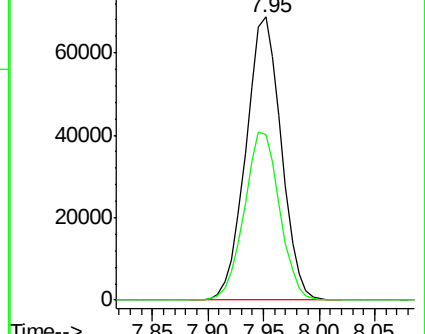
168 100

99 58.5 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 188.361 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW010633.D

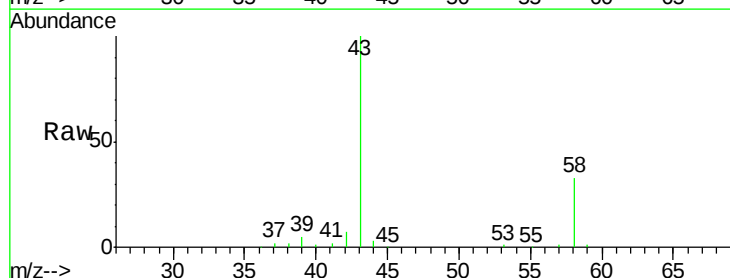
Acq: 31 May 2019 13:38

Tgt Ion: 43 Resp: 60207

Ion Ratio Lower Upper

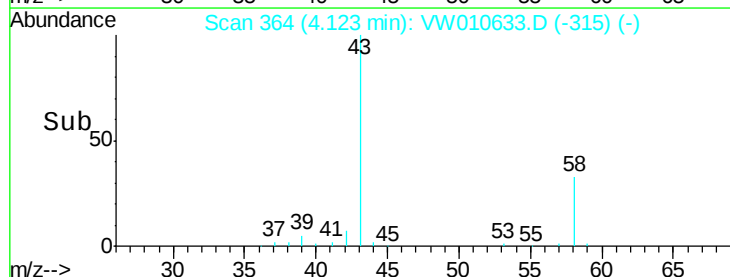
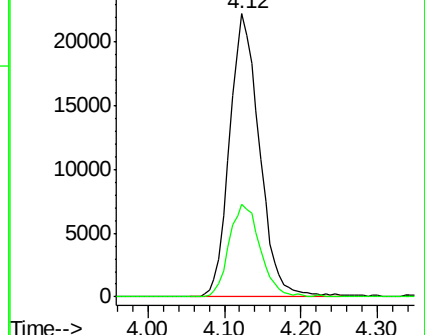
43 100

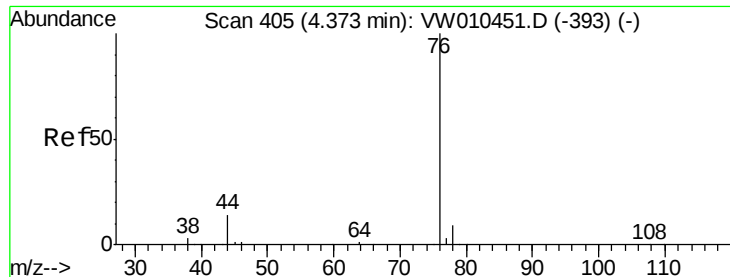
58 32.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.452 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010633.D

Acq: 31 May 2019 13:38

Instrument :

MSVOA_W

ClientSampleId :

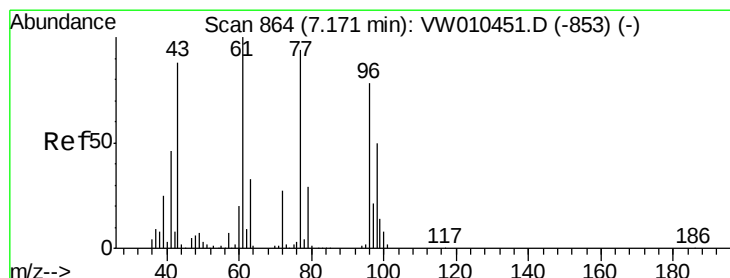
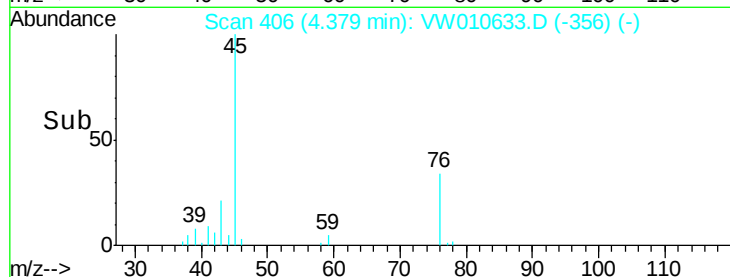
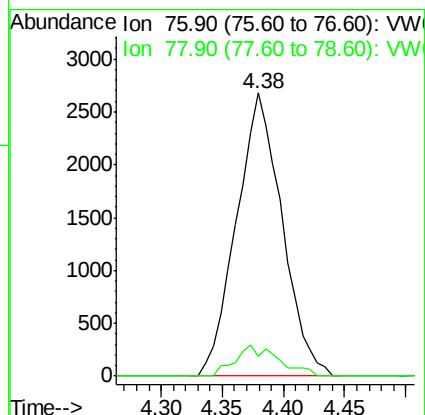
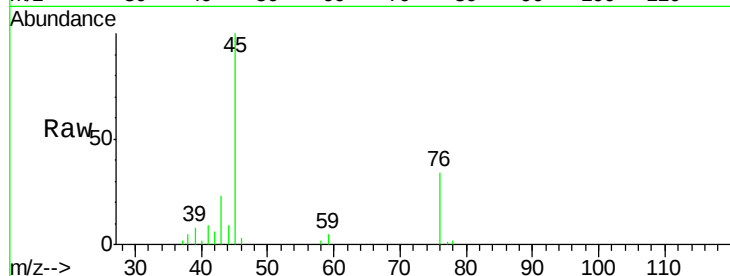
0436-HR-16(HACKENSACK)

Tot Ion: 76 Resp: 6941

Ion Ratio Lower Upper

76 100

78 6.8 7.1 10.7#



#25

2-Butanone

Concen: 35.938 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010633.D

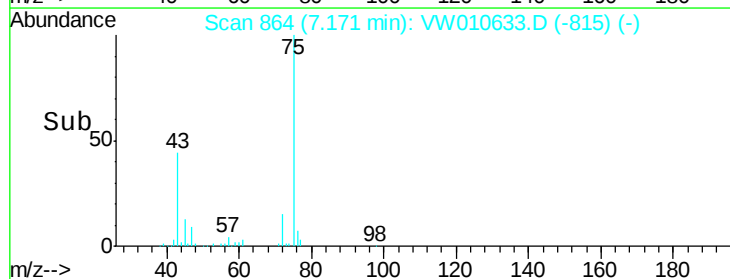
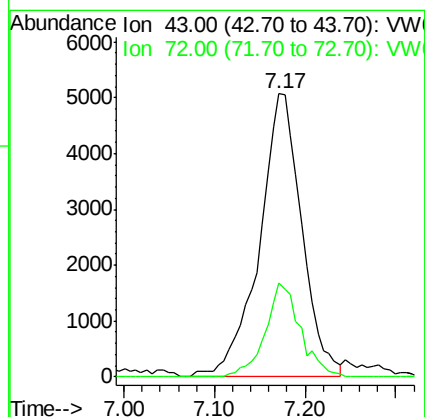
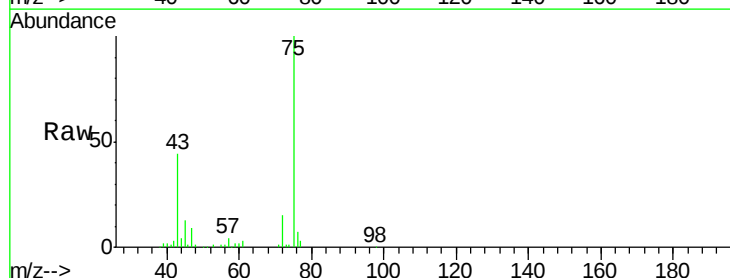
Acq: 31 May 2019 13:38

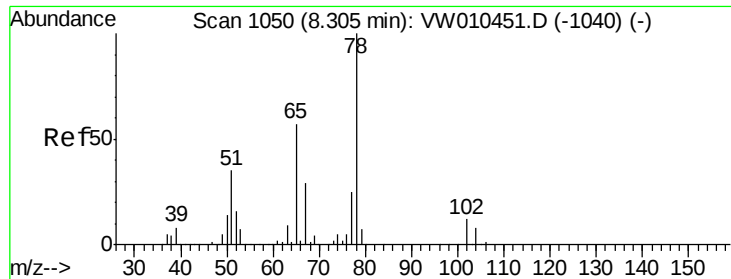
Tgt Ion: 43 Resp: 16439

Ion Ratio Lower Upper

43 100

72 33.2 24.1 36.1





#33

1,2-Dichloroethane-d4

Concen: 56.671 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010633.D

Acq: 31 May 2019 13:38

Instrument :

MSVOA_W

ClientSampleId :

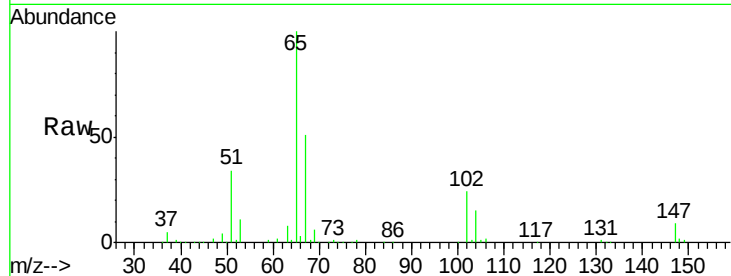
0436-HR-16(HACKENSACK)

Tot Ion: 65 Resp: 88741

Ion Ratio Lower Upper

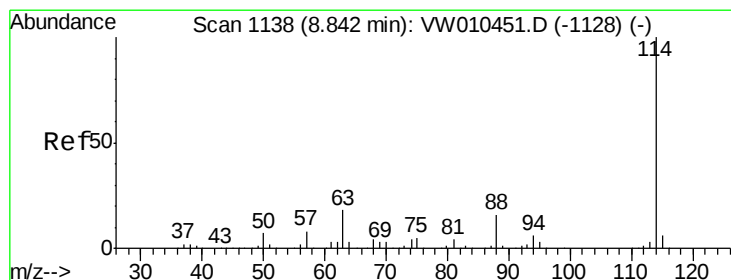
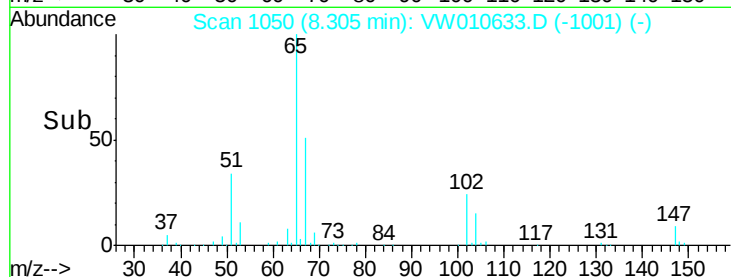
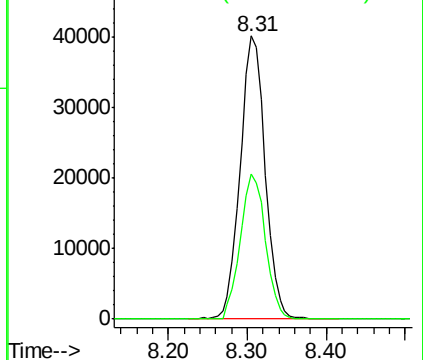
65 100

67 51.7 0.0 103.6



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: VW010633.D

Acq: 31 May 2019 13:38

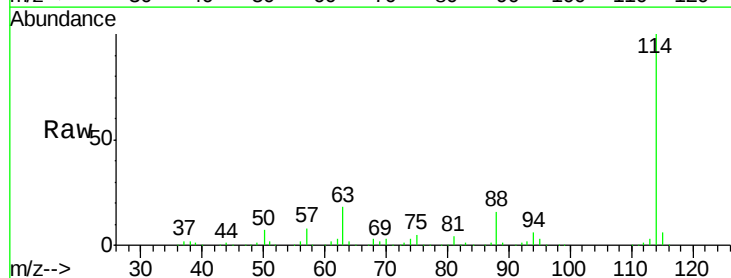
Tgt Ion: 114 Resp: 266794

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.0

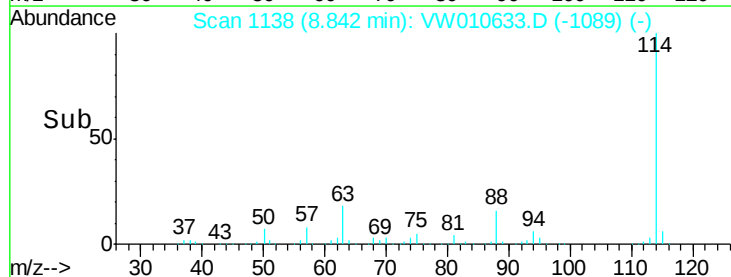
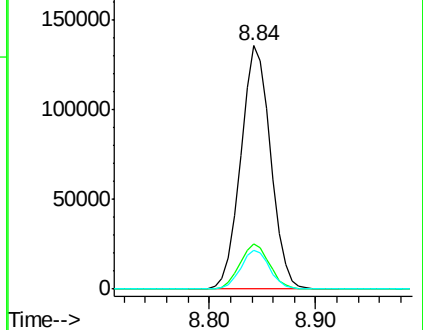
88 16.2 0.0 32.0

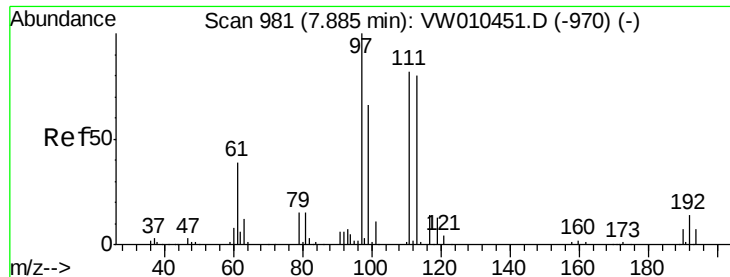


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

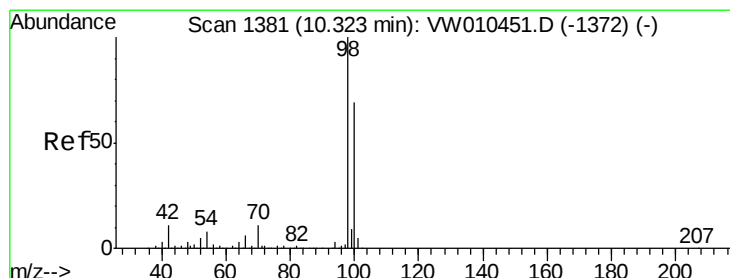
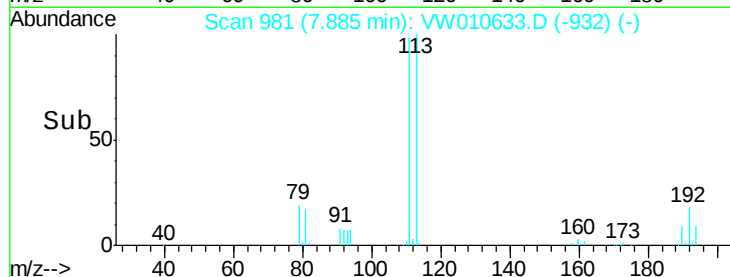
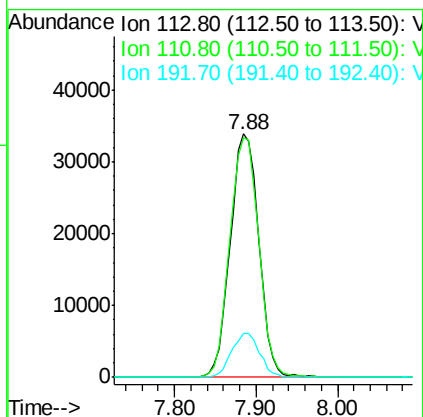
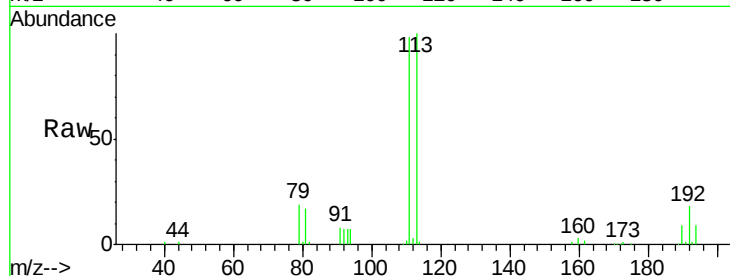




#35
 Dibromofluoromethane
 Concen: 50.232 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010633.D
 Acq: 31 May 2019 13:38

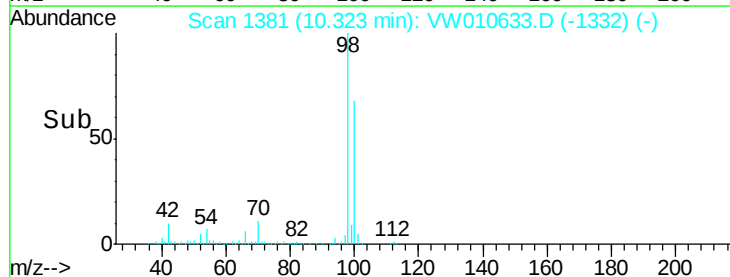
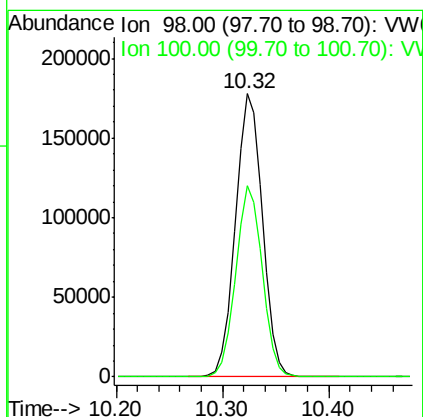
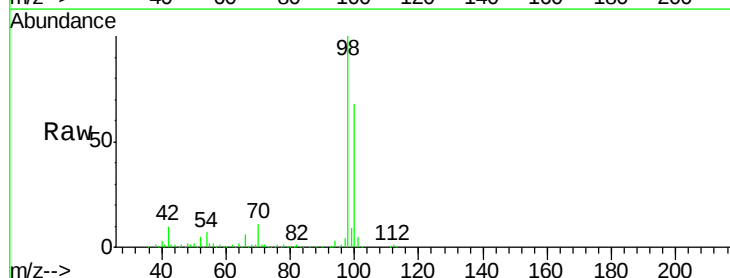
Instrument :
 MSVOA_W
 ClientSampleId :
 0436-HR-16(HACKENSACK)

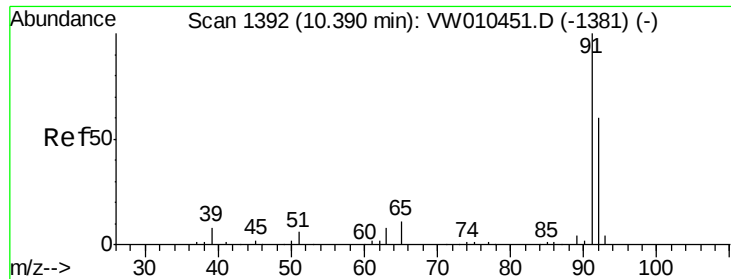
Tot Ion:113 Resp: 81318
 Ion Ratio Lower Upper
 113 100
 111 100.4 82.2 123.4
 192 18.0 14.3 21.5



#50
 Toluene-d8
 Concen: 51.262 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW010633.D
 Acq: 31 May 2019 13:38

Tgt Ion: 98 Resp: 317023
 Ion Ratio Lower Upper
 98 100
 100 66.5 53.7 80.5





#52

Toluene

Concen: 104.419 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010633.D

Acq: 31 May 2019 13:38

Instrument :

MSVOA_W

ClientSampleId :

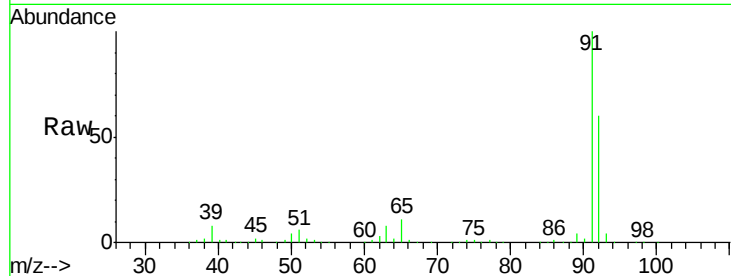
0436-HR-16(HACKENSACK)

Tot Ion: 92 Resp: 484412

Ion Ratio Lower Upper

92 100

91 166.3 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

500000

400000

300000

200000

100000

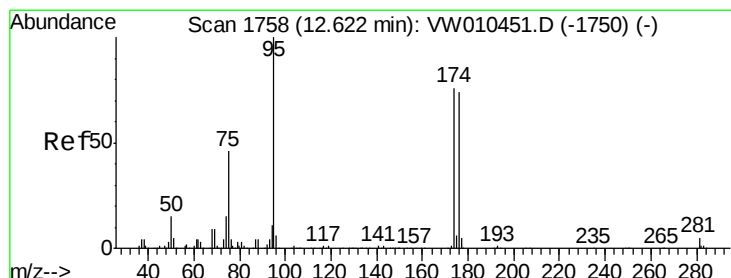
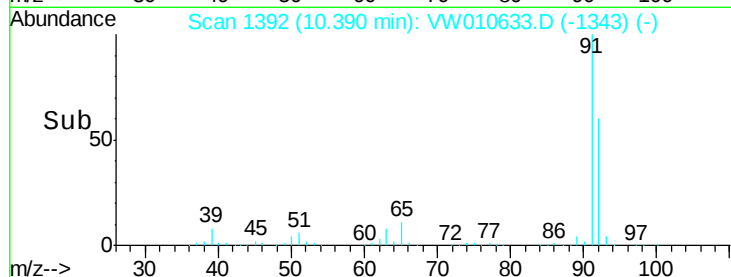
0

10.39

10.40

10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 44.877 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010633.D

Acq: 31 May 2019 13:38

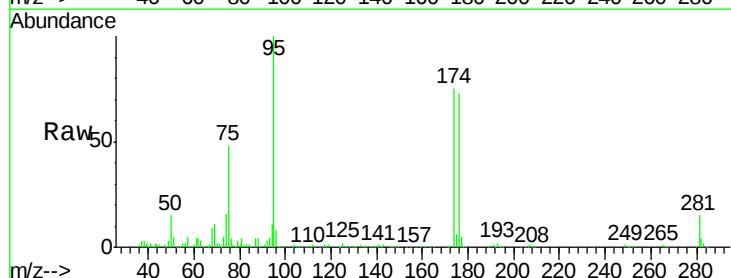
Tgt Ion: 95 Resp: 110548

Ion Ratio Lower Upper

95 100

174 73.7 0.0 148.6

176 72.0 0.0 144.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

80000

60000

40000

20000

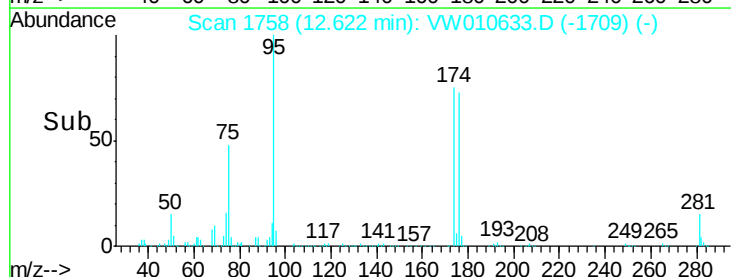
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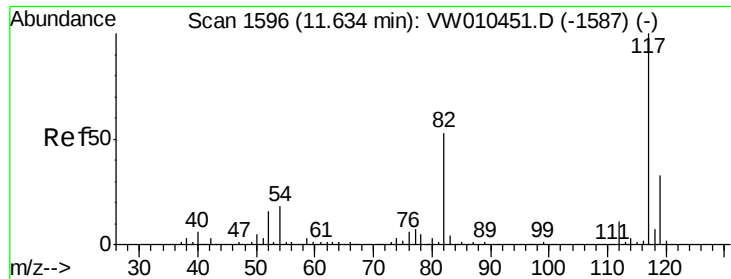
12.62

12.60

12.65

Time-->

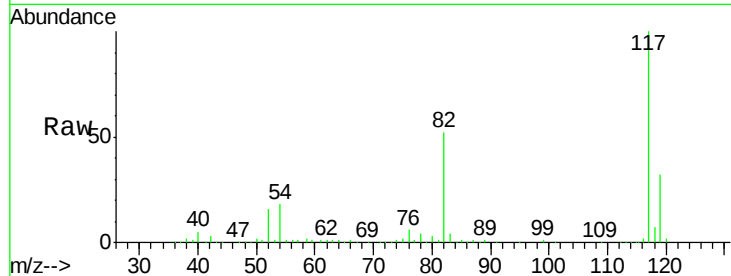




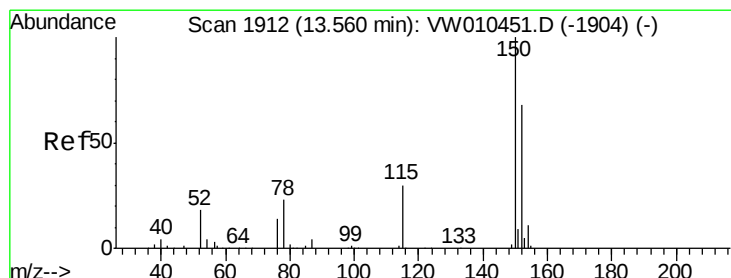
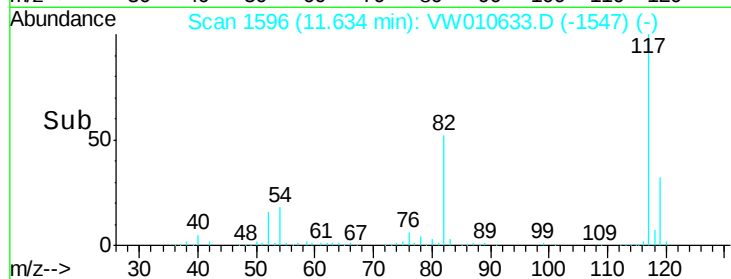
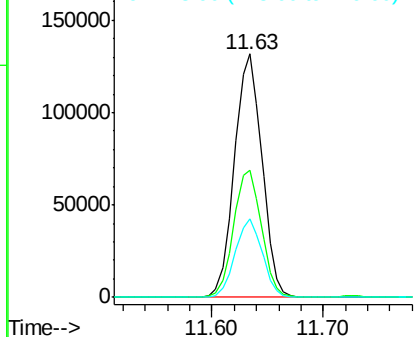
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010633.D
Acq: 31 May 2019 13:38

Instrument :
MSVOA_W
ClientSampleId :
0436-HR-16(HACKENSACK)

Tot Ion:117 Resp: 224924
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 32.4 26.3 39.5

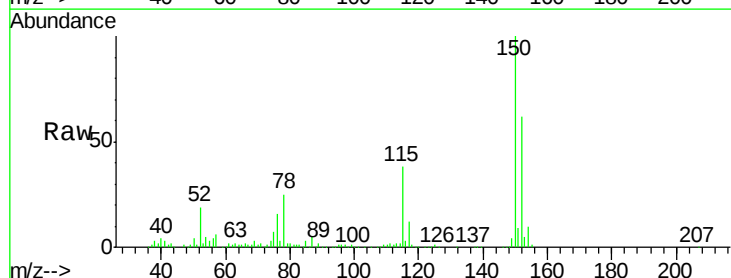


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010633.D
Acq: 31 May 2019 13:38

Tgt Ion:152 Resp: 92926
Ion Ratio Lower Upper
152 100
115 60.0 30.3 91.0
150 156.1 0.0 349.8



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

