

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010711.D
 Acq On : 06 Jun 2019 15:49
 Operator : SY/VA
 Sample : K3097-15
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0435-HR-15(HACKENSACK)

Quant Time: Jun 07 08:31:13 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

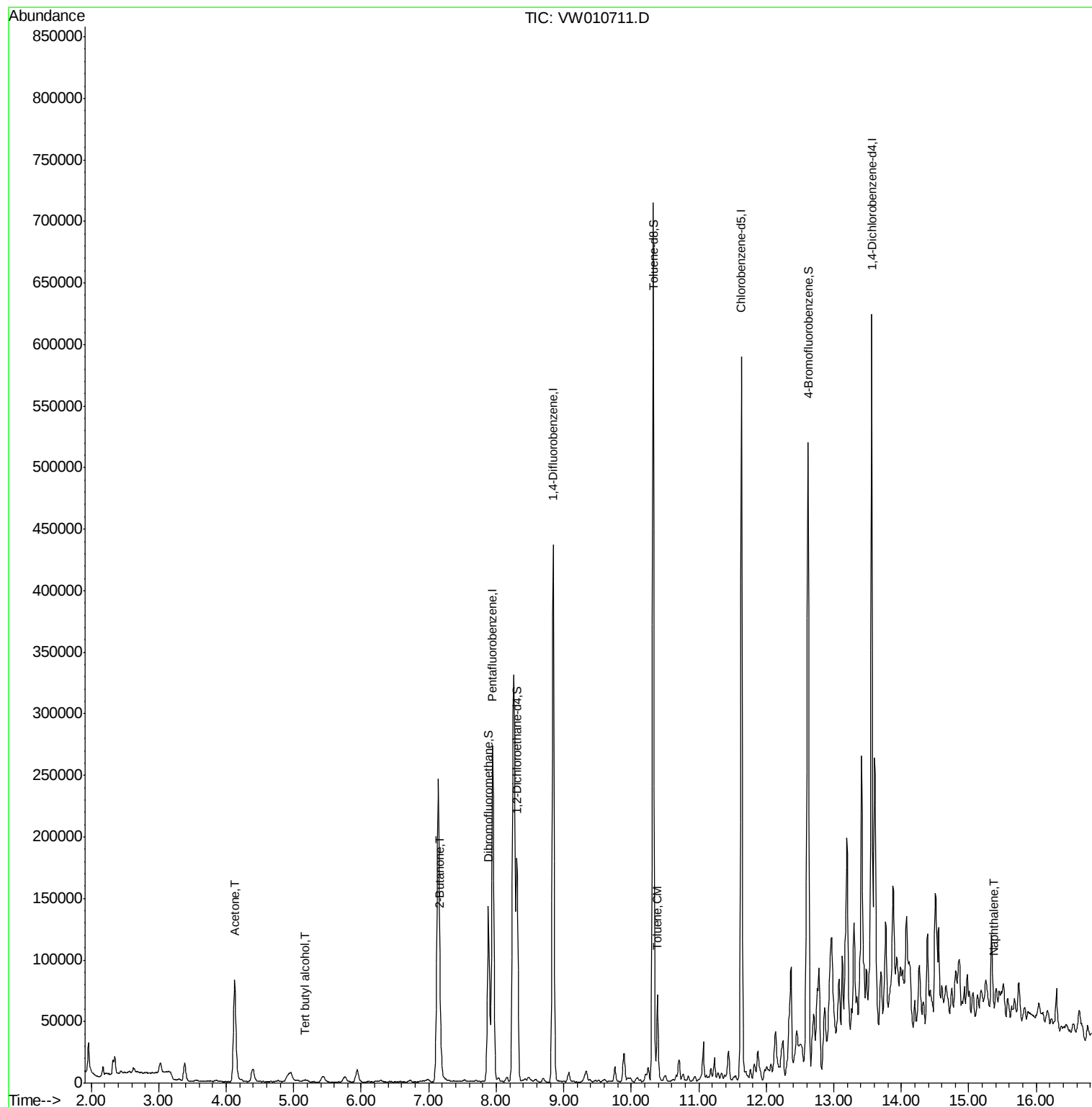
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341946	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140343	60.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.38%	
35) Dibromofluoromethane	7.88	113	99877	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
50) Toluene-d8	10.32	98	444095	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.62	95	158457	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.00%	
Target Compounds						
11) Tert butyl alcohol	5.18	59	3335	17.703	ug/l #	88
16) Acetone	4.12	43	148967	240.421	ug/l	98
25) 2-Butanone	7.17	43	32665	38.019	ug/l	95
52) Toluene	10.39	92	27679	4.711	ug/l	99
95) Naphthalene	15.37	128	6832	1.401	ug/l #	77

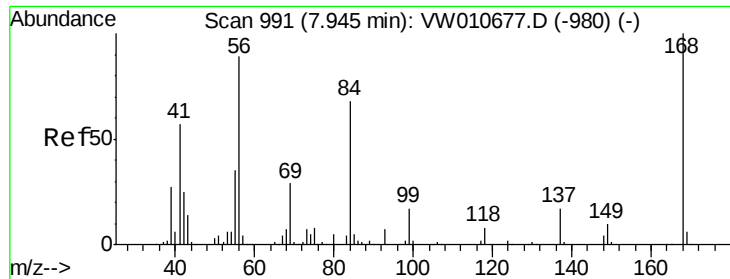
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

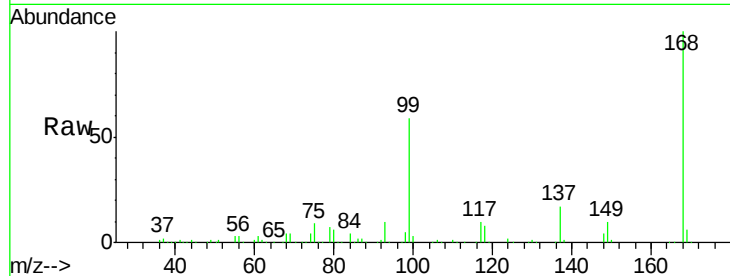
0435-HR-15(HACKENSACK)

Tot Ion:168 Resp: 196189

Ion Ratio Lower Upper

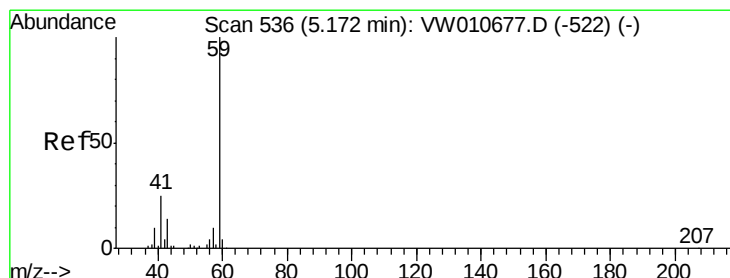
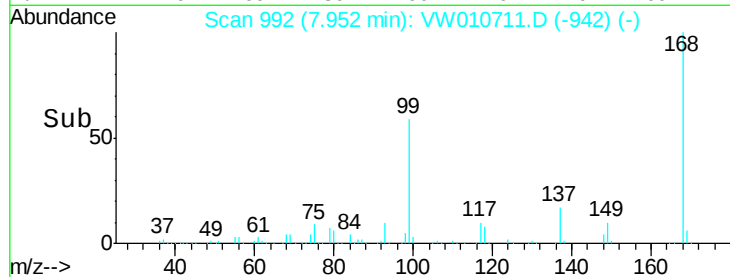
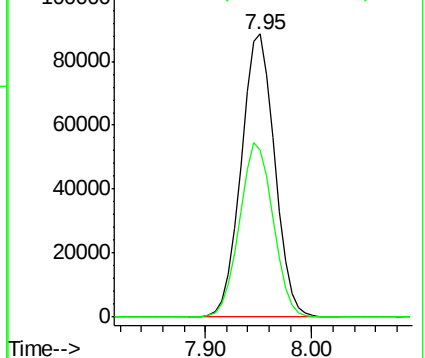
168 100

99 58.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 17.703 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW010711.D

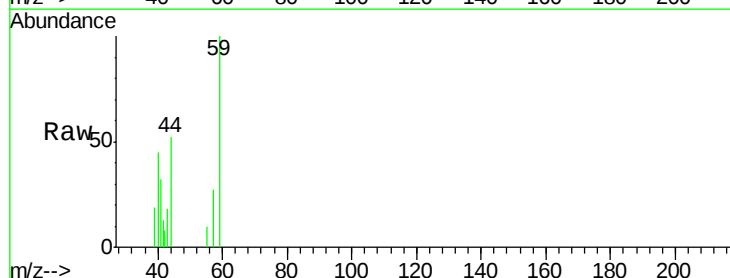
Acq: 06 Jun 2019 15:49

Tgt Ion: 59 Resp: 3335

Ion Ratio Lower Upper

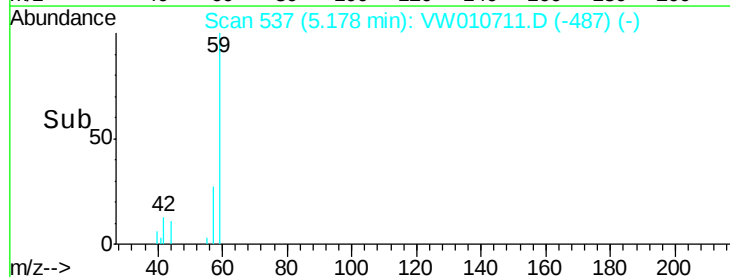
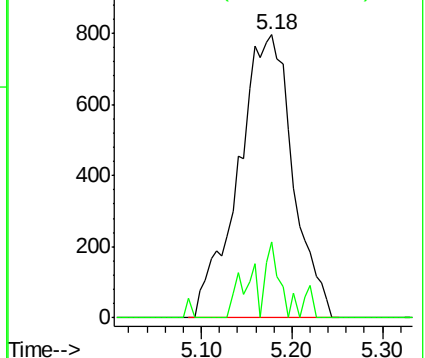
59 100

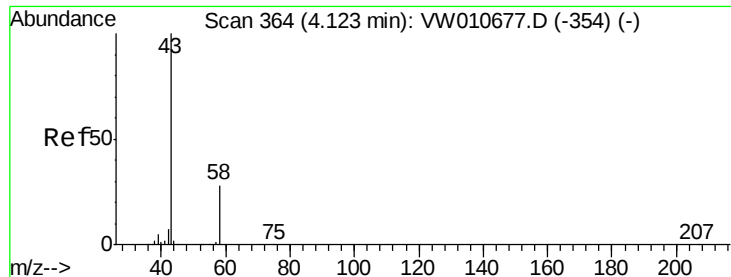
57 6.3 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 240.421 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010711.D

Acq: 06 Jun 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

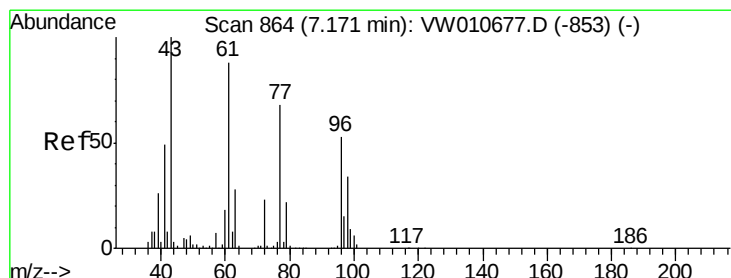
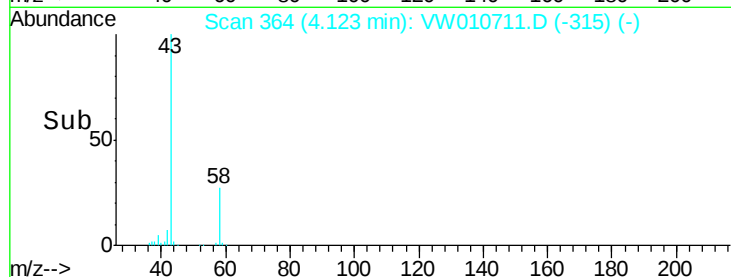
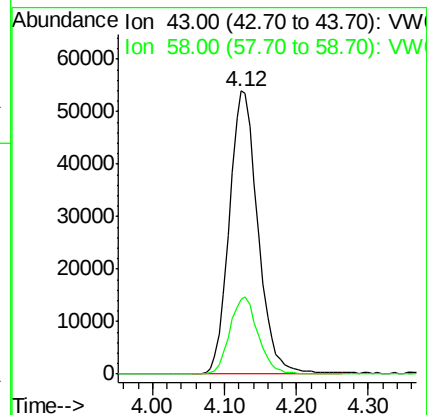
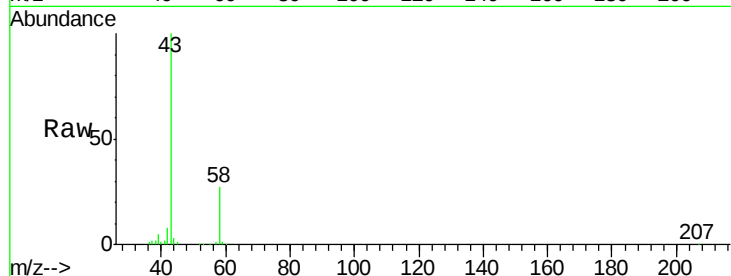
0435-HR-15(HACKENSACK)

Tot Ion: 43 Resp: 148967

Ion Ratio Lower Upper

43 100

58 26.6 22.1 33.1



#25

2-Butanone

Concen: 38.019 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010711.D

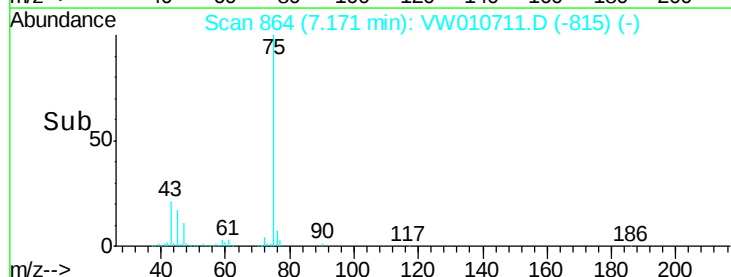
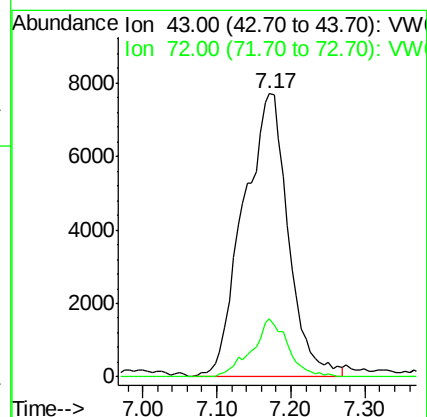
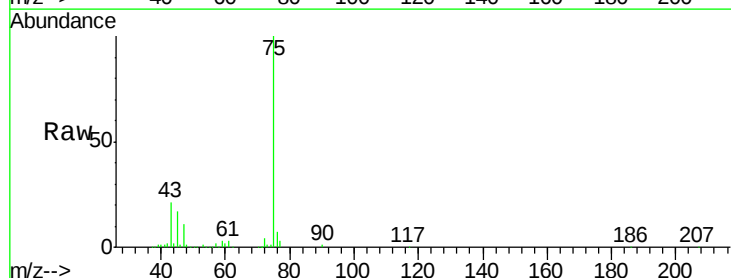
Acq: 06 Jun 2019 15:49

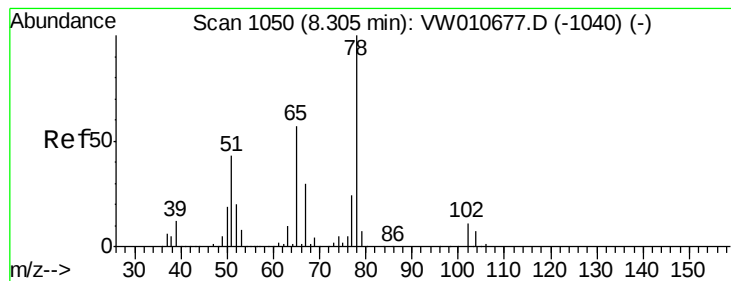
Tgt Ion: 43 Resp: 32665

Ion Ratio Lower Upper

43 100

72 20.4 18.1 27.1





#33

1,2-Dichloroethane-d4

Concen: 60.691 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010711.D

Acq: 06 Jun 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

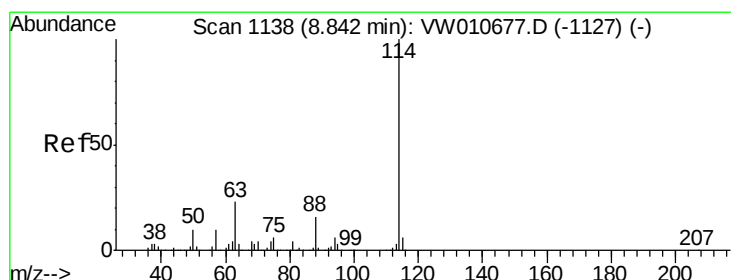
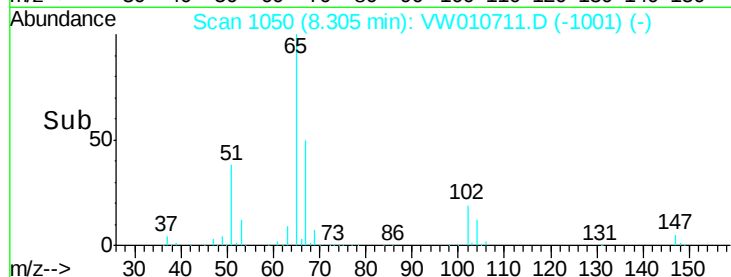
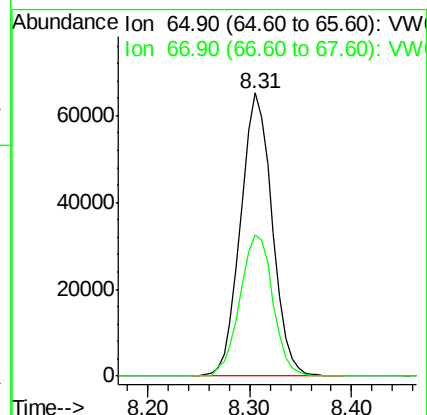
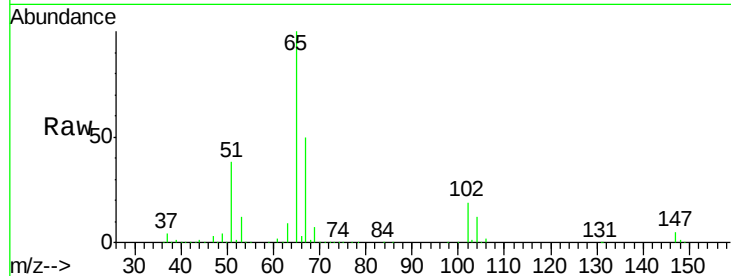
0435-HR-15(HACKENSACK)

Tot Ion: 65 Resp: 140343

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010711.D

Acq: 06 Jun 2019 15:49

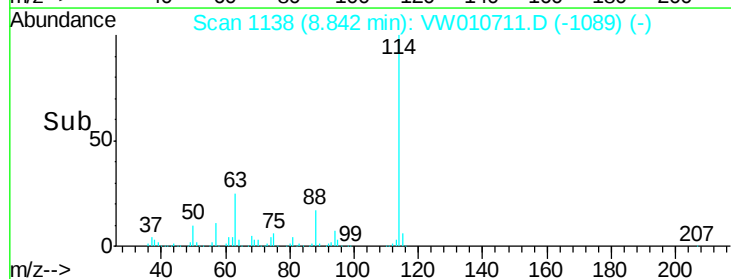
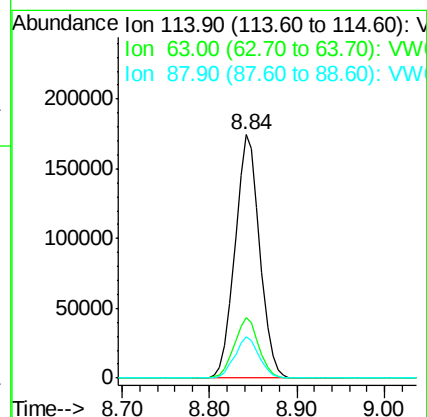
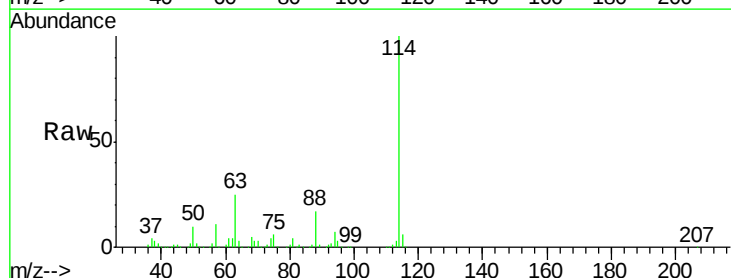
Tgt Ion: 114 Resp: 341946

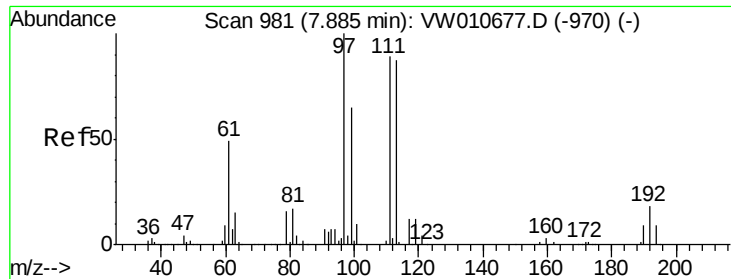
Ion Ratio Lower Upper

114 100

63 24.7 0.0 46.4

88 17.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.813 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010711.D

Acq: 06 Jun 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

0435-HR-15(HACKENSACK)

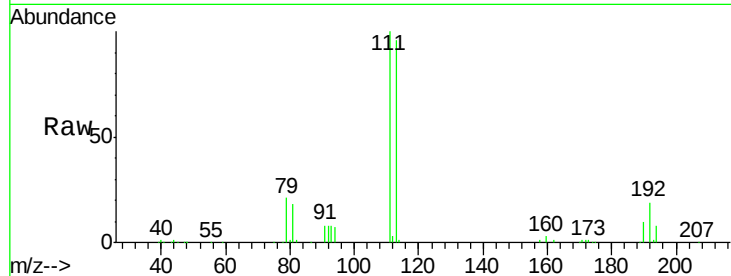
Tot Ion:113 Resp: 99877

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

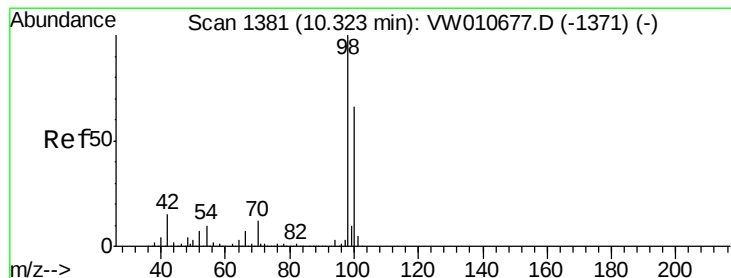
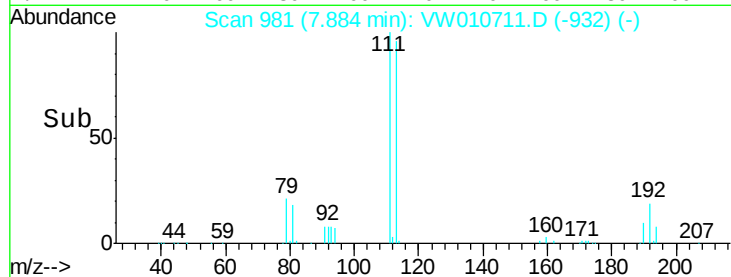
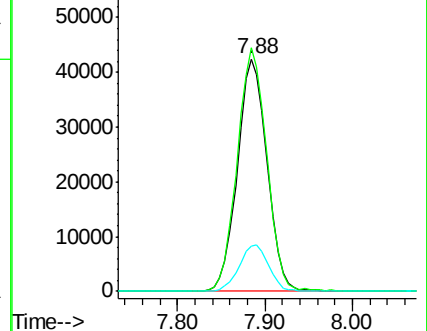
192 20.0 16.4 24.6



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



#50

Toluene-d8

Concen: 54.565 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010711.D

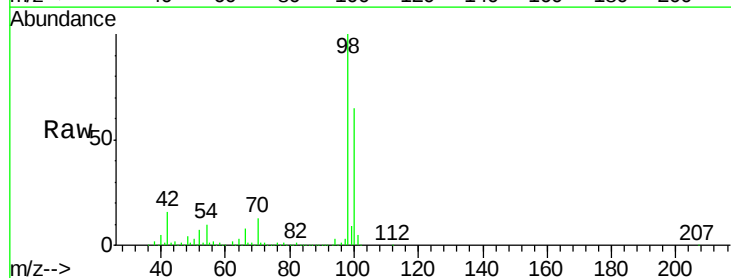
Acq: 06 Jun 2019 15:49

Tgt Ion: 98 Resp: 444095

Ion Ratio Lower Upper

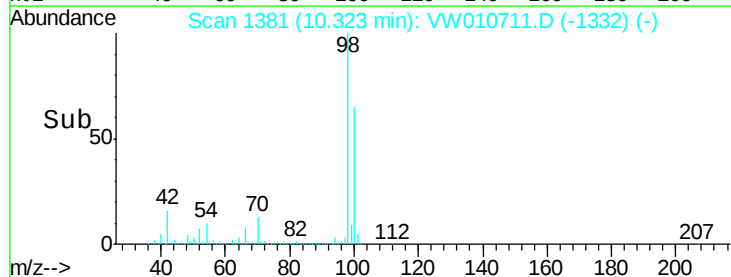
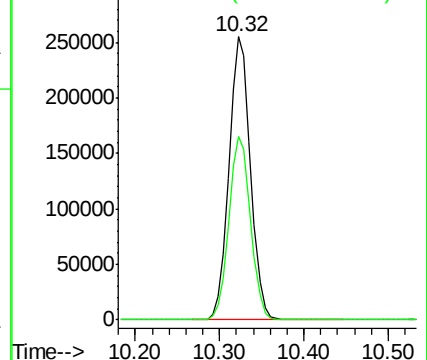
98 100

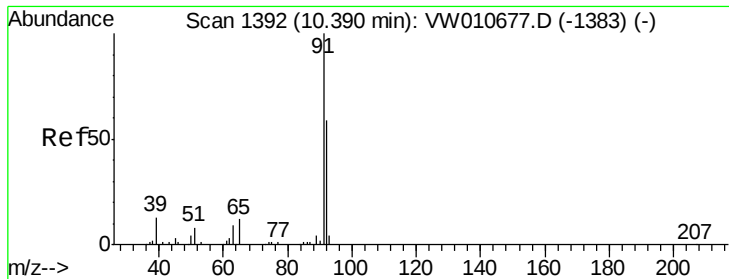
100 65.5 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 4.711 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010711.D

Acq: 06 Jun 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

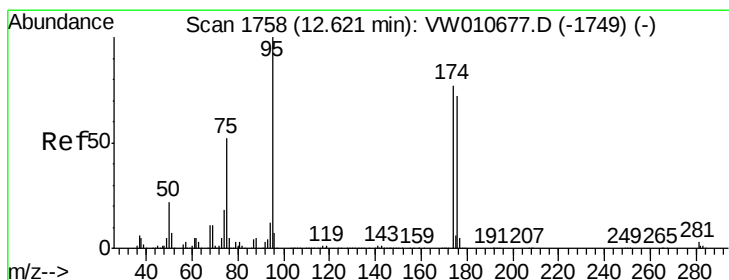
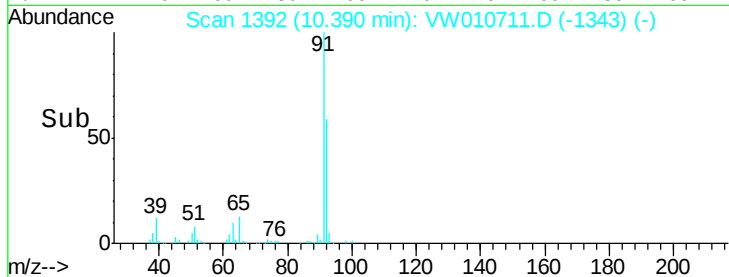
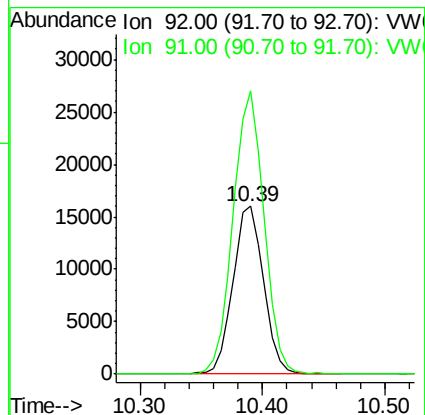
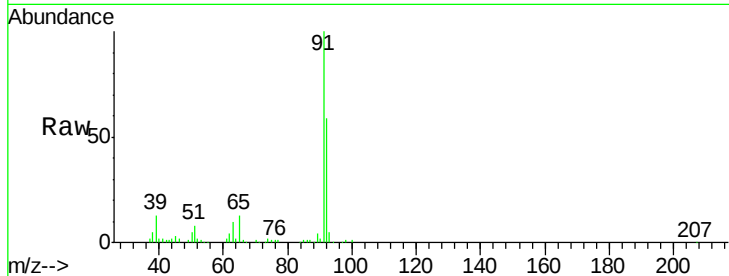
0435-HR-15(HACKENSACK)

Tot Ion: 92 Resp: 27679

Ion Ratio Lower Upper

92 100

91 170.5 134.9 202.3



#62

4-Bromofluorobenzene

Concen: 53.504 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010711.D

Acq: 06 Jun 2019 15:49

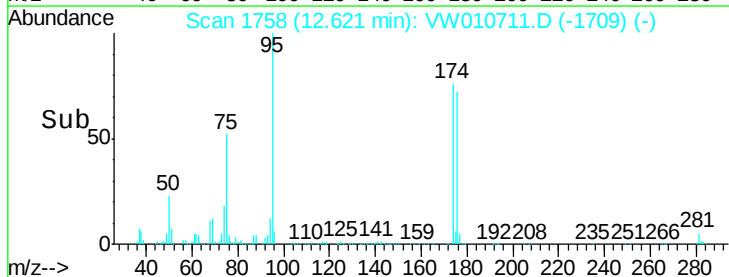
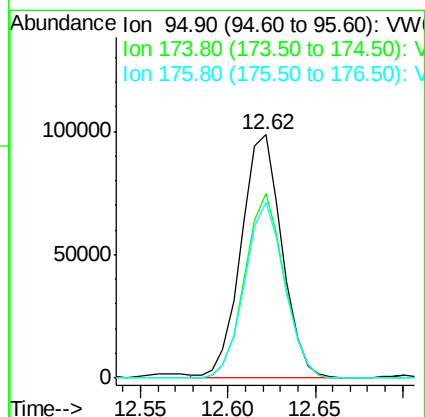
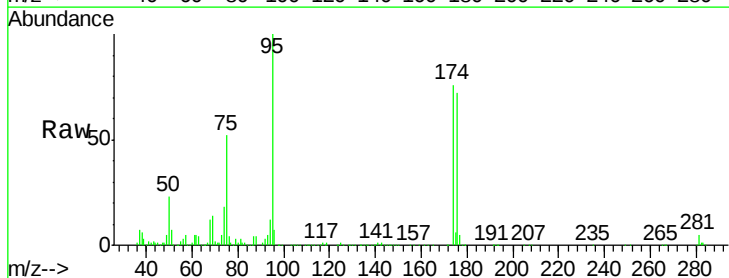
Tgt Ion: 95 Resp: 158457

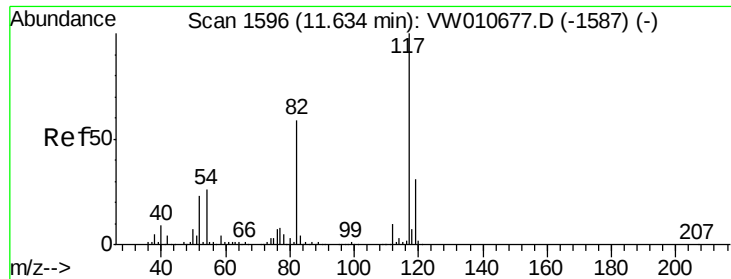
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.4

176 71.0 0.0 144.8

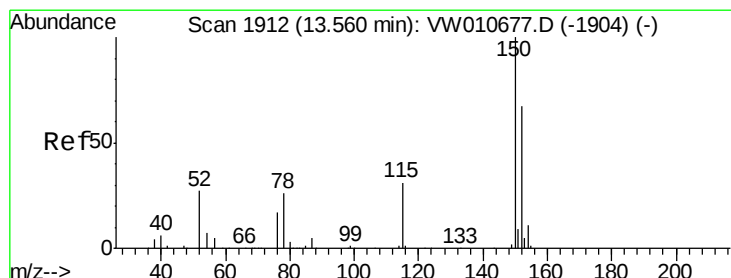
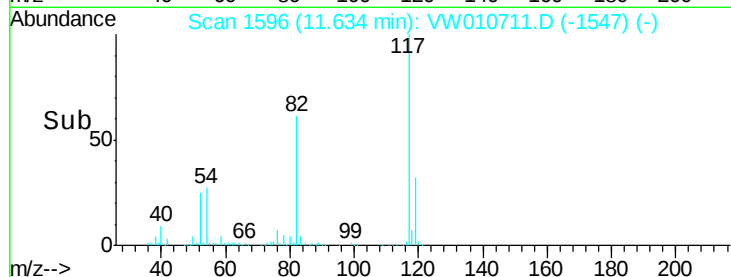
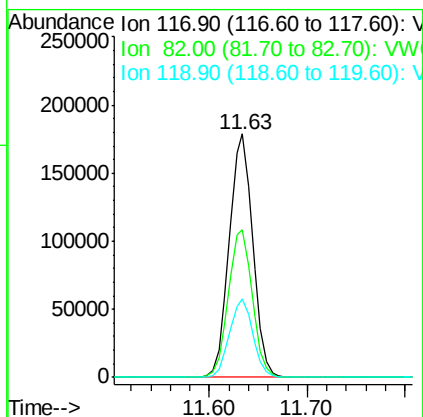
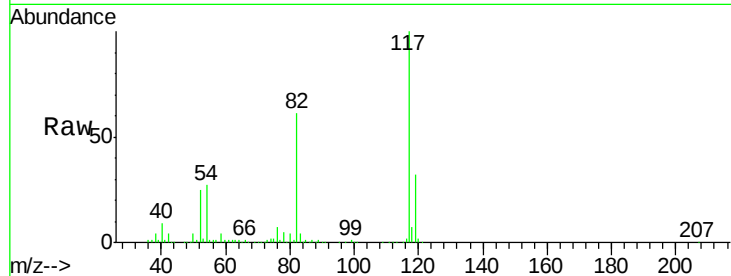




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010711.D
Acq: 06 Jun 2019 15:49

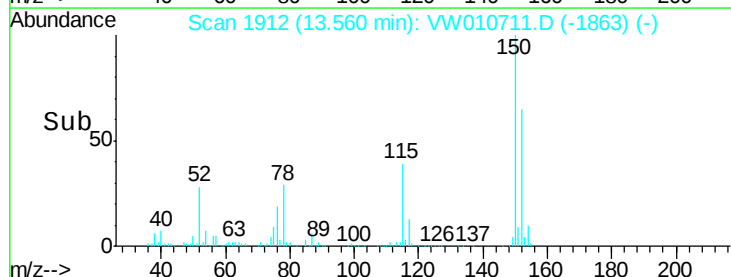
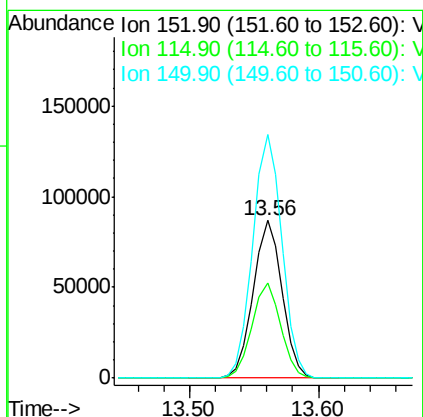
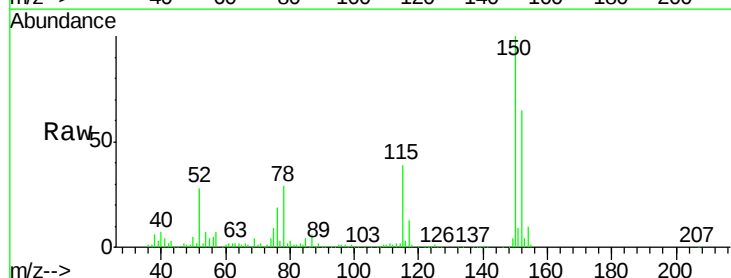
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0435-HR-15(HACKENSACK)

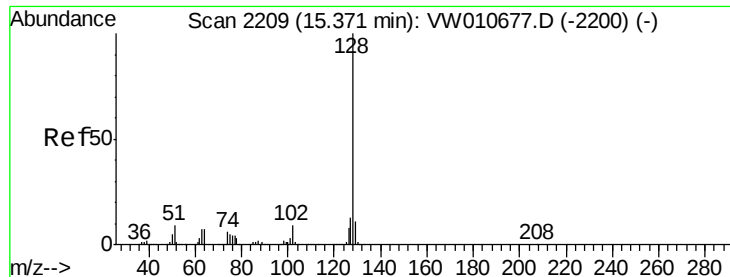
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.0	70.4
119	32.3	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010711.D
Acq: 06 Jun 2019 15:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.8	89.3
150	156.3	0.0	345.0





#95

Naphthalene

Concen: 1.401 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010711.D

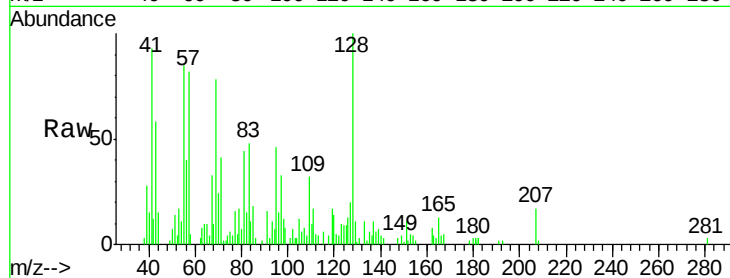
Acq: 06 Jun 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

0435-HR-15(HACKENSACK)



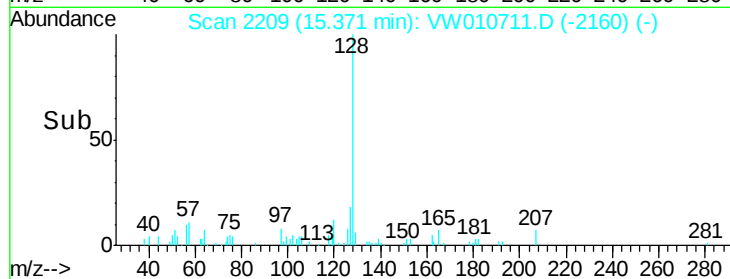
Tot Ion:128 Resp: 6832

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 14.7 8.6 13.0#



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

