

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW053119\
 Data File : VW010642.D
 Acq On : 31 May 2019 17:46
 Operator : SY/VA
 Sample : K3097-19
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0439-PR-2(PASSAIC)

Quant Time: Jun 11 06:48:20 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

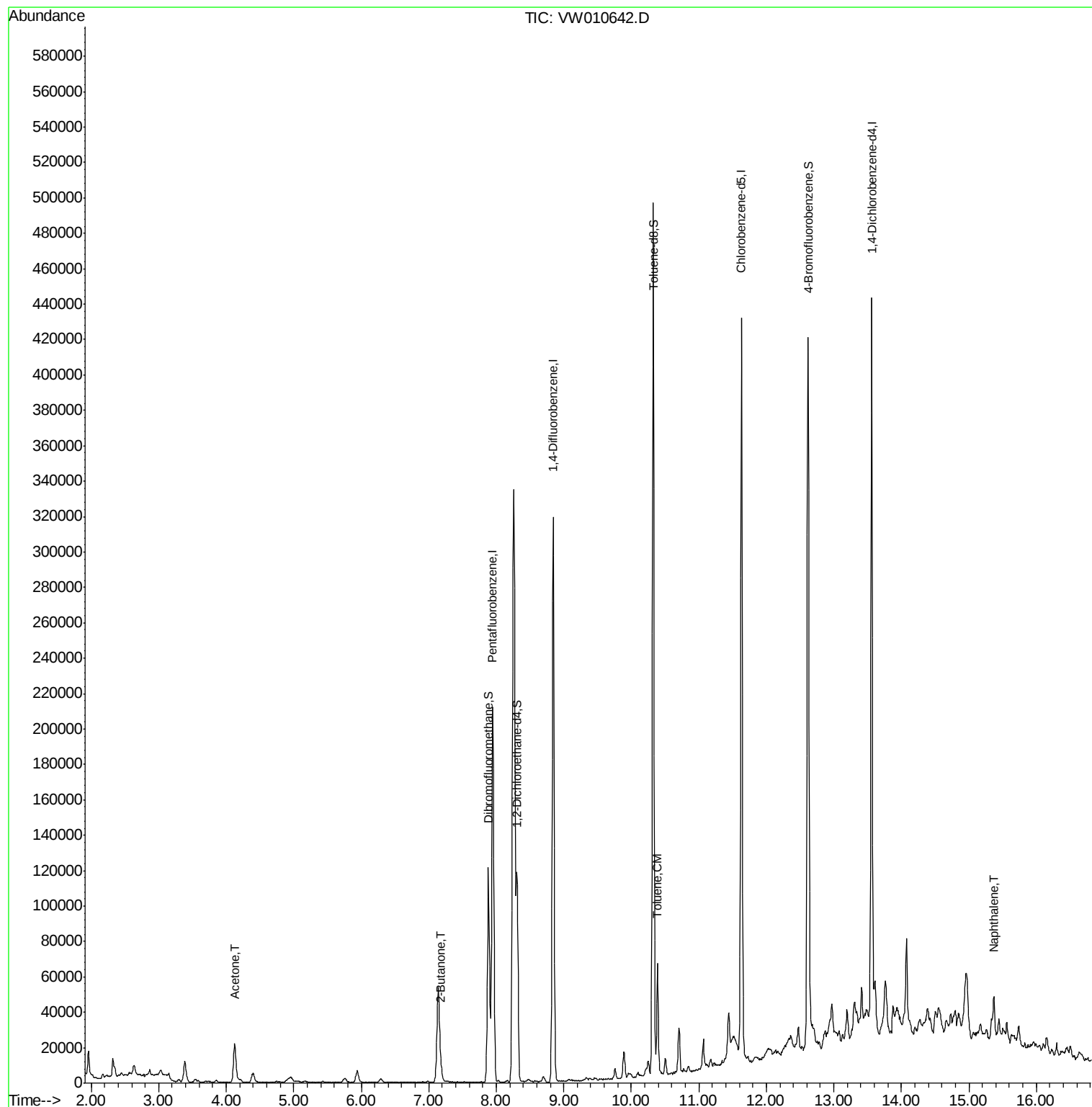
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	164709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	285996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	90492	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
35) Dibromofluoromethane	7.88	113	86215	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
50) Toluene-d8	10.32	98	340503	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.62	95	129467	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
Target Compounds						
16) Acetone	4.13	43	38717	111.569	ug/l	95
25) 2-Butanone	7.18	43	10648	21.441	ug/l	93
52) Toluene	10.39	92	27236	5.477	ug/l	99
95) Naphthalene	15.37	128	17887	3.634	ug/l #	93

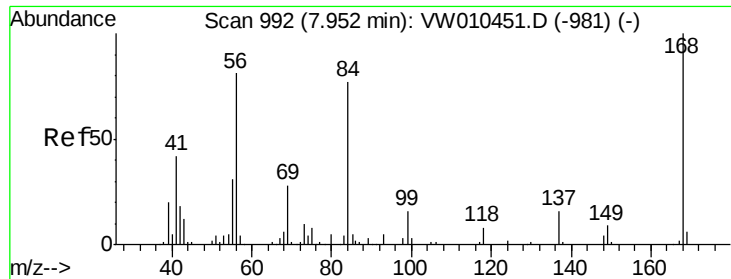
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010642.D

Acq: 31 May 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

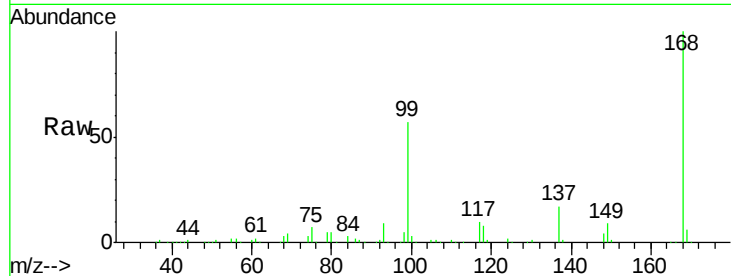
0439-PR-2(PASSAIC)

Tot Ion:168 Resp: 164709

Ion Ratio Lower Upper

168 100

99 57.2 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

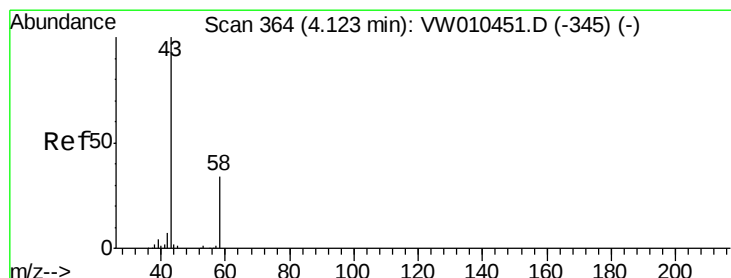
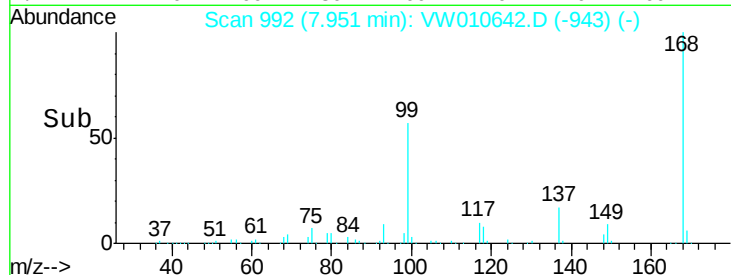
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 111.569 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010642.D

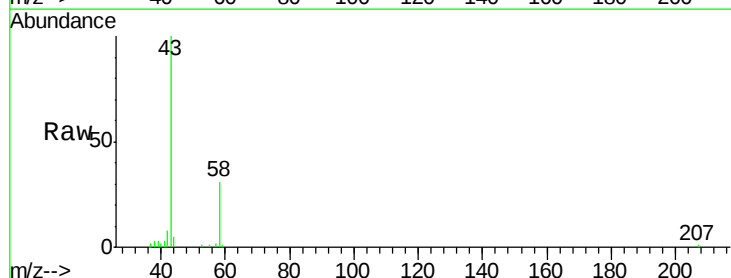
Acq: 31 May 2019 17:46

Tgt Ion: 43 Resp: 38717

Ion Ratio Lower Upper

43 100

58 31.1 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

15000

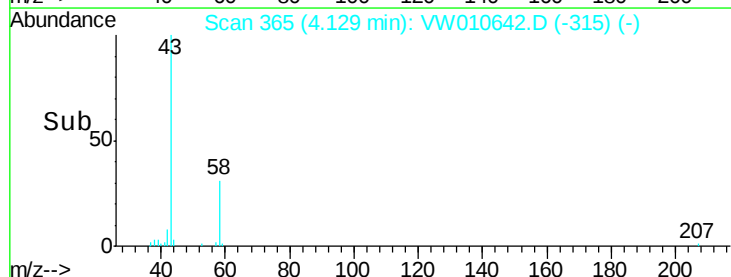
10000

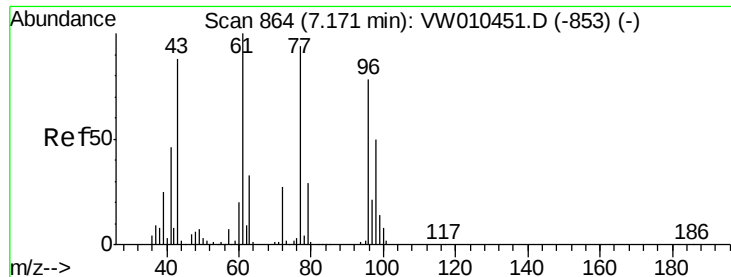
5000

0

4.00 4.10 4.20 4.30

Time-->





#25

2-Butanone

Concen: 21.441 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010642.D

Acq: 31 May 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

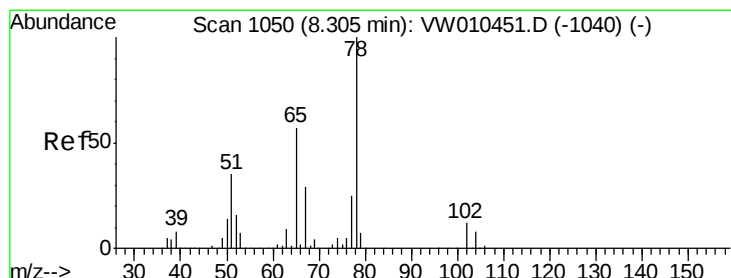
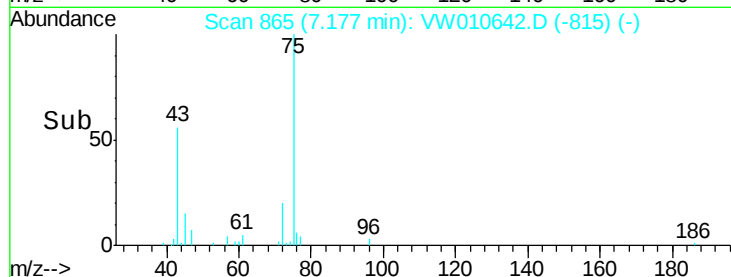
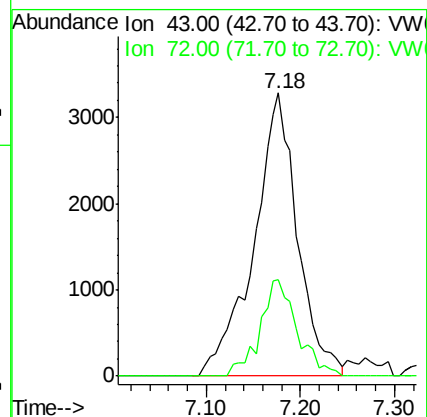
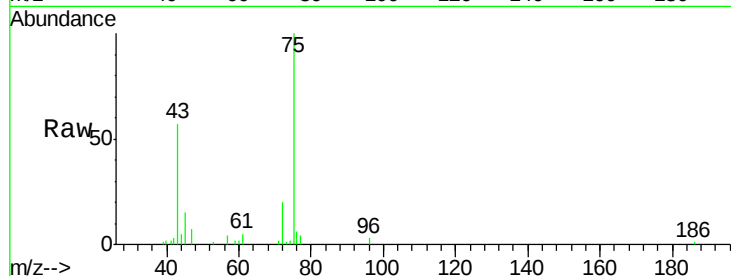
0439-PR-2(PASSAIC)

Tot Ion: 43 Resp: 10648

Ion Ratio Lower Upper

43 100

72 34.0 24.1 36.1



#33

1,2-Dichloroethane-d4

Concen: 53.228 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010642.D

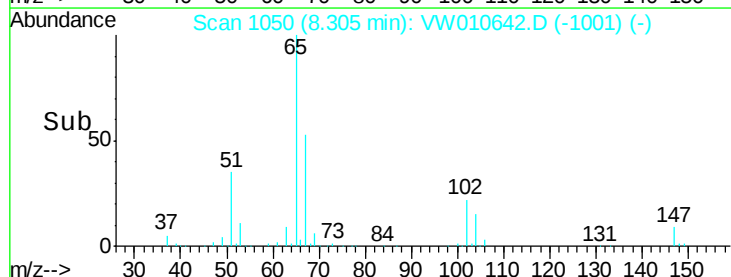
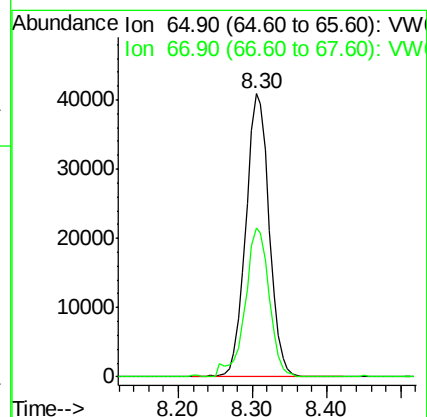
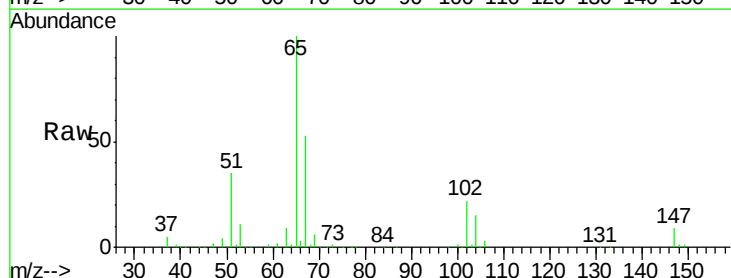
Acq: 31 May 2019 17:46

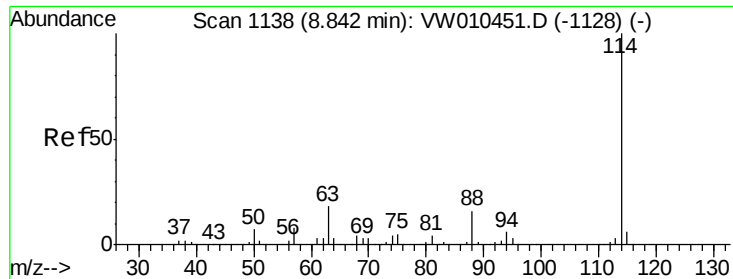
Tgt Ion: 65 Resp: 90492

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.6

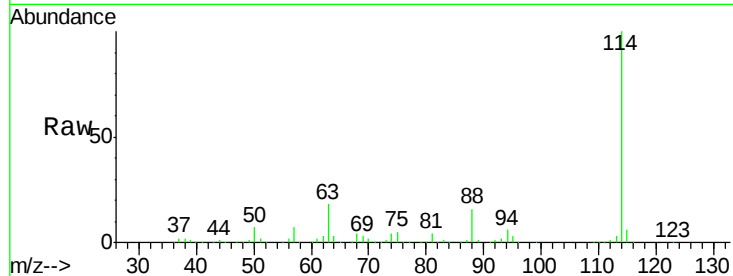




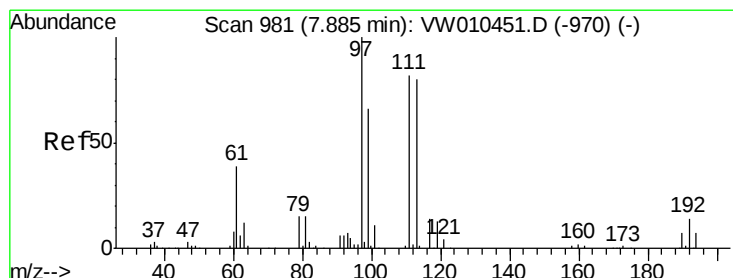
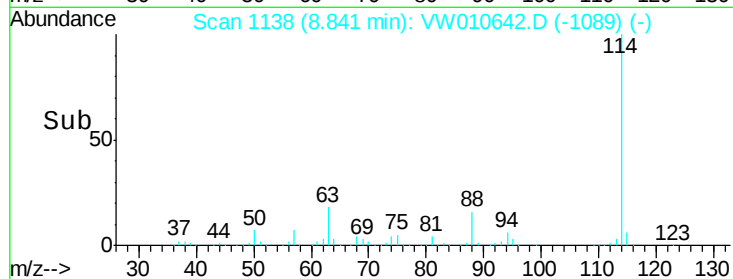
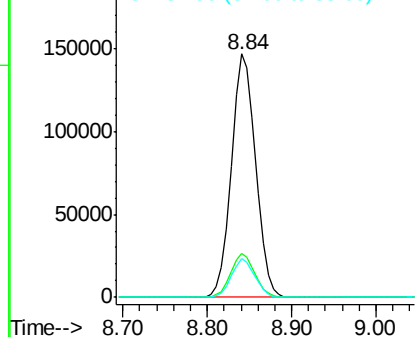
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010642.D
Acq: 31 May 2019 17:46

Instrument :
MSVOA_W
ClientSampleId :
0439-PR-2(PASSAIC)

Tot Ion:114 Resp: 285996
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.0
88 15.7 0.0 32.0

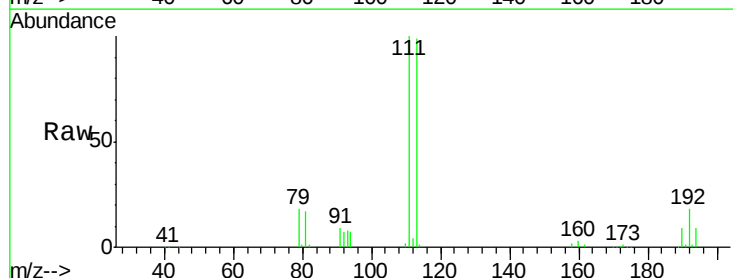


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

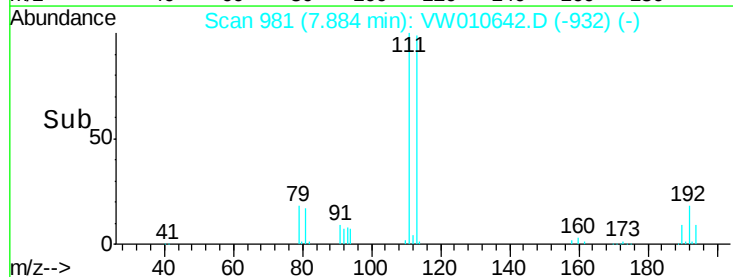
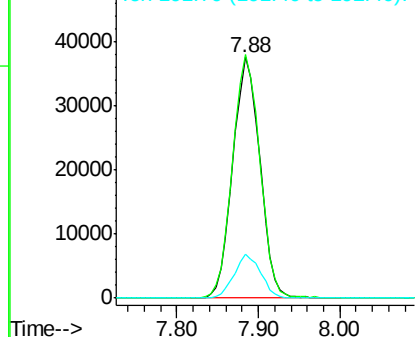


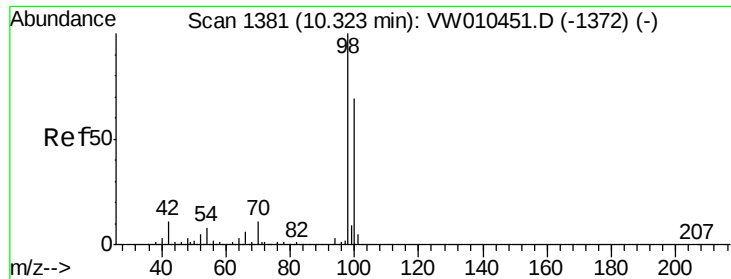
#35
Dibromofluoromethane
Concen: 49.681 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010642.D
Acq: 31 May 2019 17:46

Tgt Ion:113 Resp: 86215
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 18.0 14.3 21.5



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: 51.362 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010642.D

Acq: 31 May 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

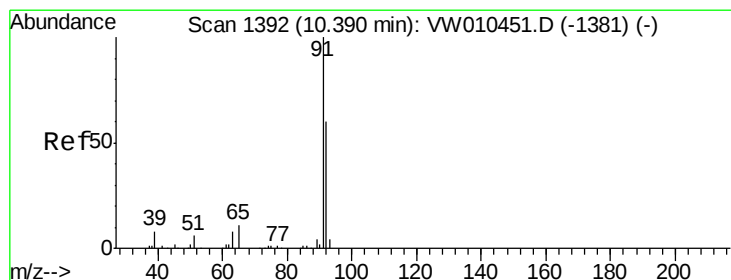
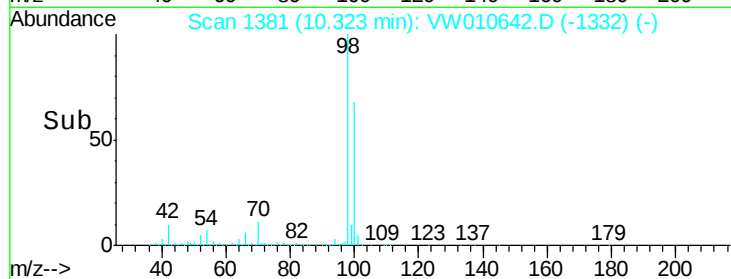
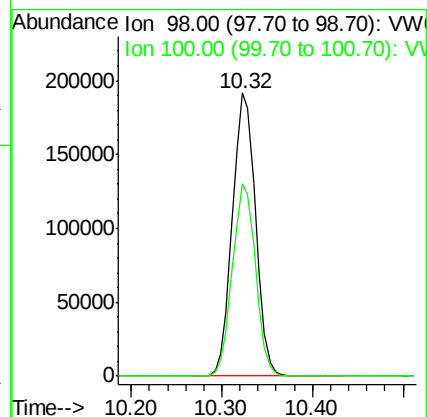
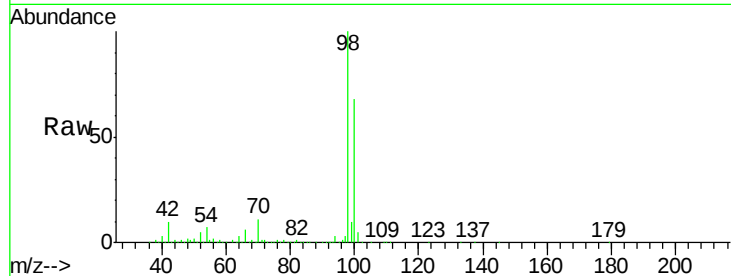
0439-PR-2(PASSAIC)

Tot Ion: 98 Resp: 340503

Ion Ratio Lower Upper

98 100

100 67.6 53.7 80.5



#52

Toluene

Concen: 5.477 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010642.D

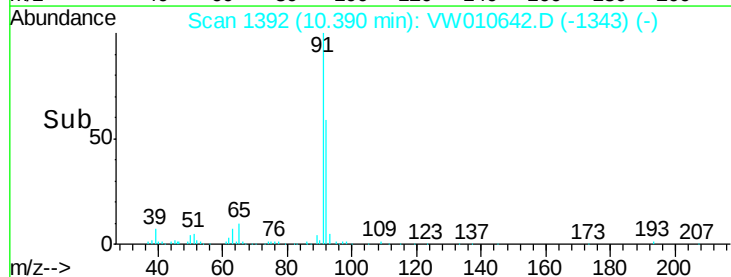
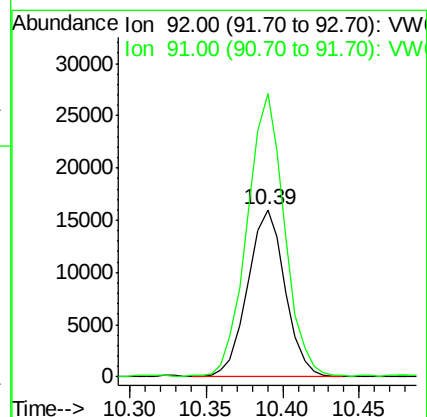
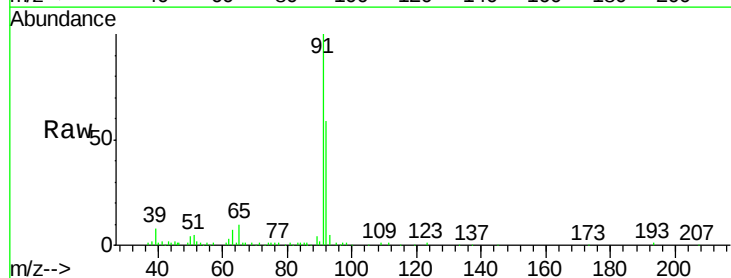
Acq: 31 May 2019 17:46

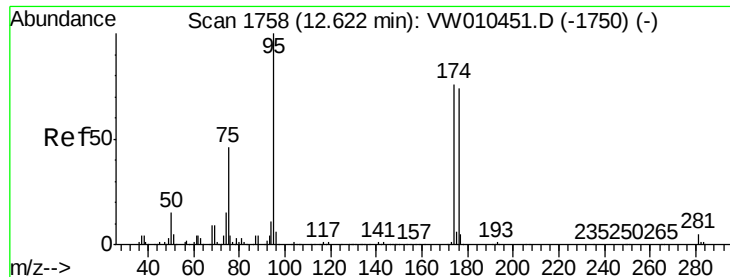
Tgt Ion: 92 Resp: 27236

Ion Ratio Lower Upper

92 100

91 167.8 135.4 203.0

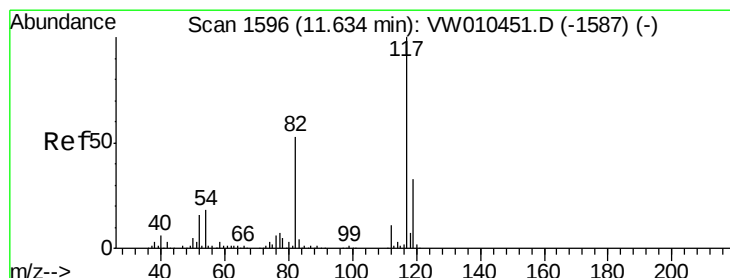
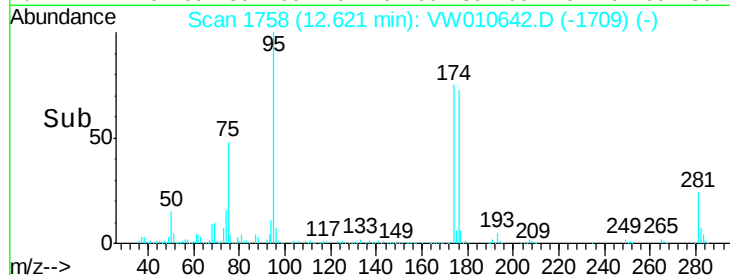
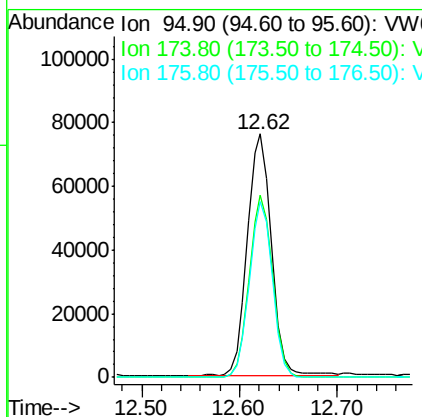
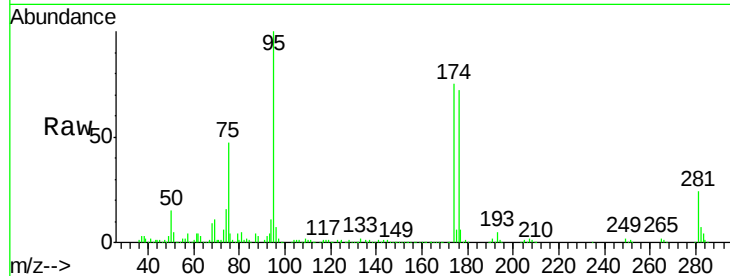




#62
4-Bromofluorobenzene
Concen: 49.029 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010642.D
Acq: 31 May 2019 17:46

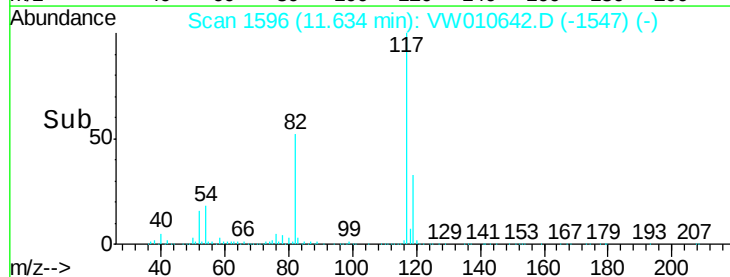
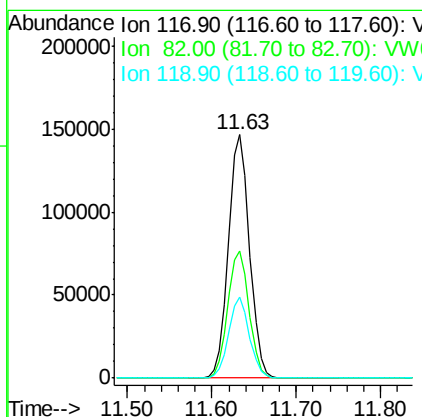
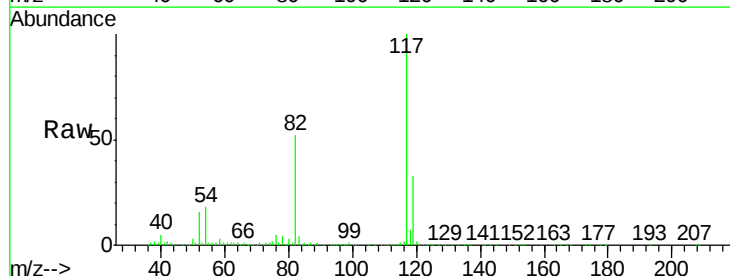
Instrument :
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0439-PR-2(PASSAIC)

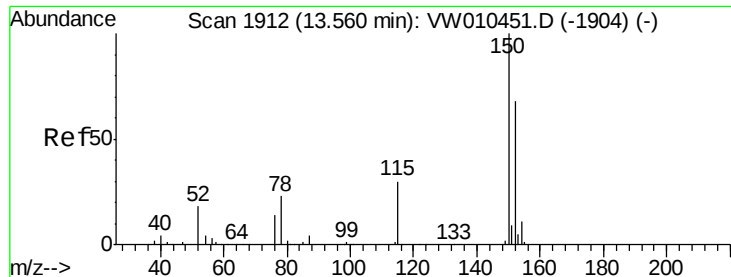
Tot Ion	95	Resp	129467
Ion Ratio	Lower	Upper	
95	100		
174	72.9	0.0	148.6
176	69.5	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010642.D
Acq: 31 May 2019 17:46

Tgt Ion	117	Resp	250022
Ion Ratio	Lower	Upper	
117	100		
82	52.3	42.8	64.2
119	33.2	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010642.D

Acq: 31 May 2019 17:46

Instrument :

MSVOA_W

ClientSampleId :

0439-PR-2(PASSAIC)

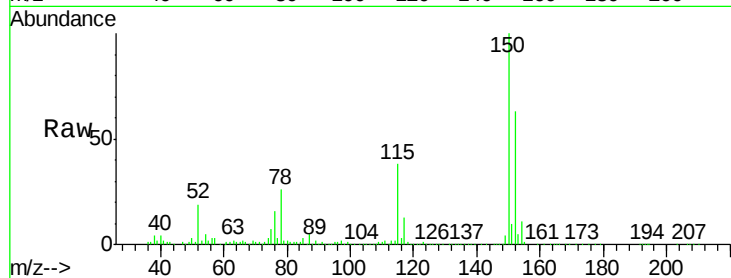
Tot Ion:152 Resp: 108560

Ion Ratio Lower Upper

152 100

115 60.6 30.3 91.0

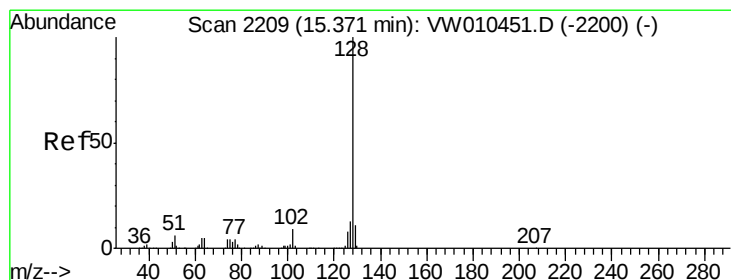
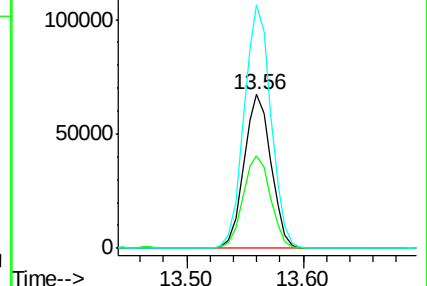
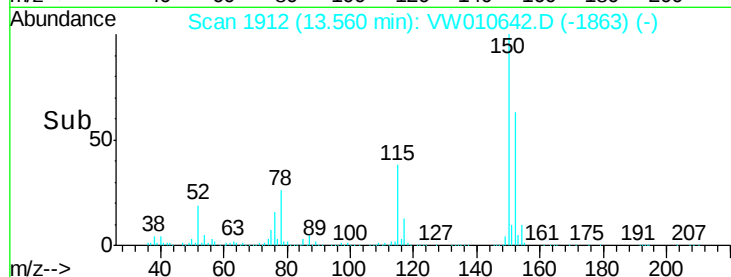
150 157.3 0.0 349.8



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



#95

Naphthalene

Concen: 3.634 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010642.D

Acq: 31 May 2019 17:46

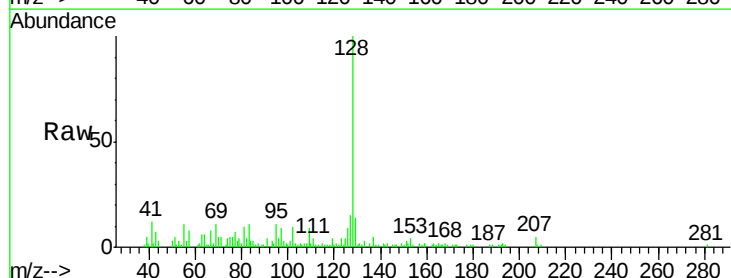
Tgt Ion:128 Resp: 17887

Ion Ratio Lower Upper

128 100

127 16.7 10.6 15.8#

129 12.7 8.9 13.3



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

