

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010644.D
 Acq On : 31 May 2019 18:41
 Operator : SY/VA
 Sample : K3097-21
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0441-PR-4(PASSAIC)

Quant Time: Jun 01 06:28:30 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

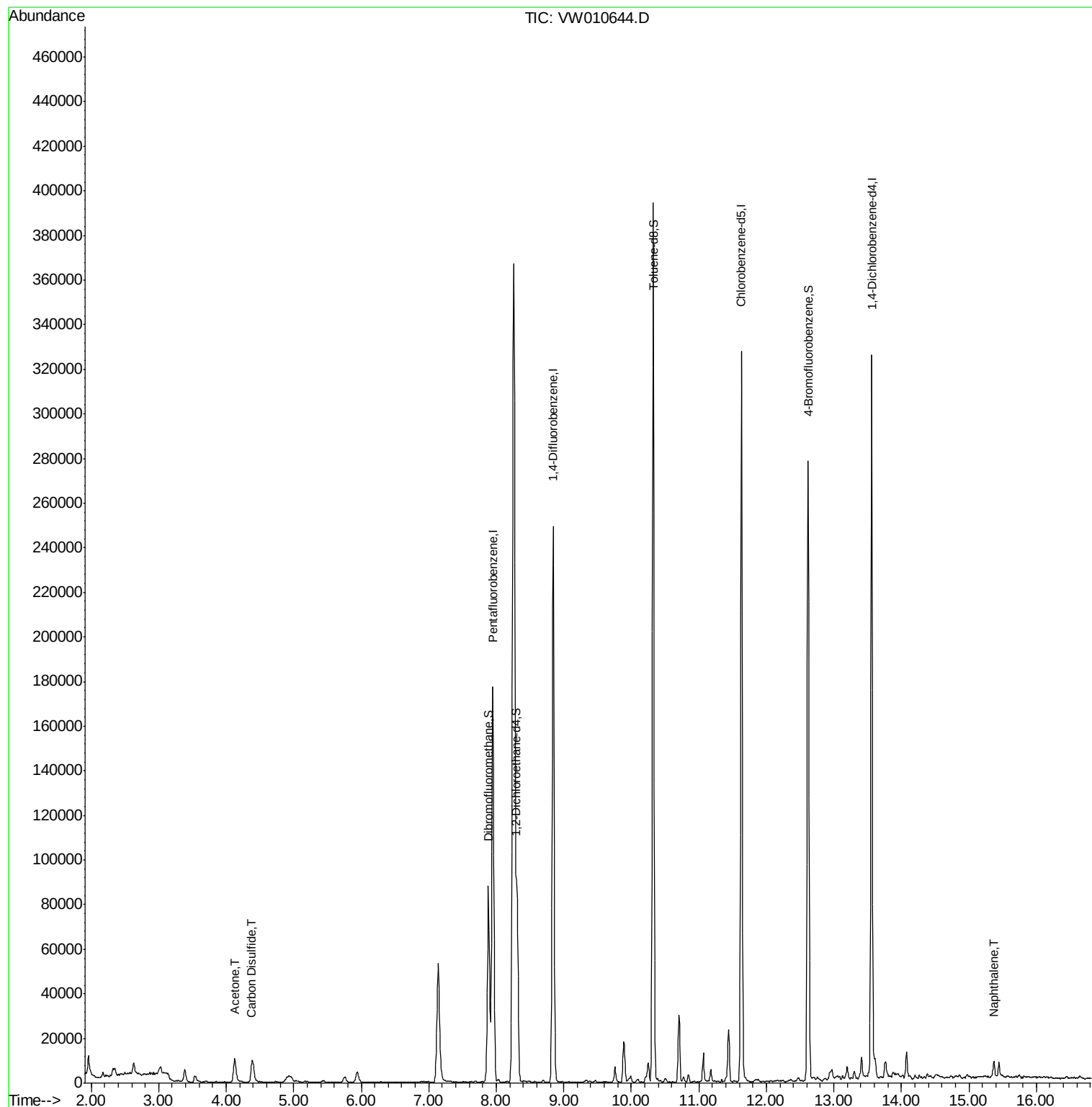
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	224759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	196039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	64872	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	7.88	113	63358	46.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.92%	
50) Toluene-d8	10.32	98	270254	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.62	95	98169	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
16) Acetone	4.13	43	19067	68.224	ug/l	94
17) Carbon Disulfide	4.37	76	5962	1.427	ug/l	99
95) Naphthalene	15.37	128	6955	1.749	ug/l	97

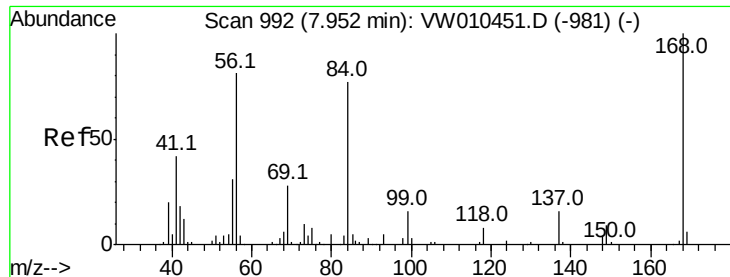
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010644.D

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ClientSampleId :

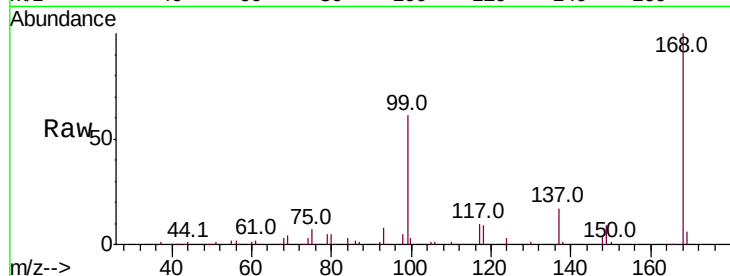
0441-PR-4(PASSAIC)

Tot Ion:168 Resp: 132649

Ion Ratio Lower Upper

168 100

99 60.6 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

60000

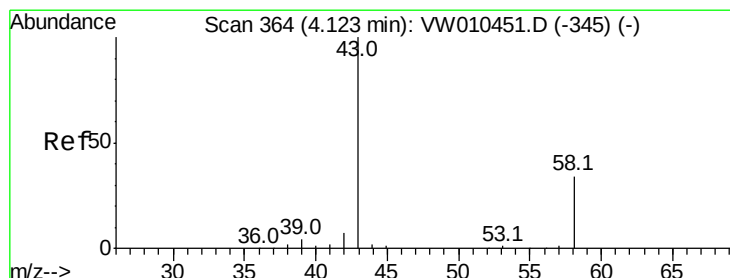
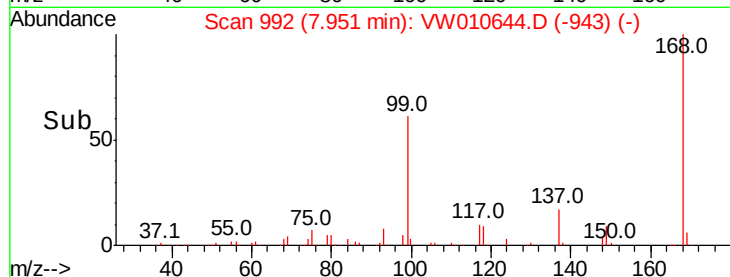
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 68.224 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010644.D

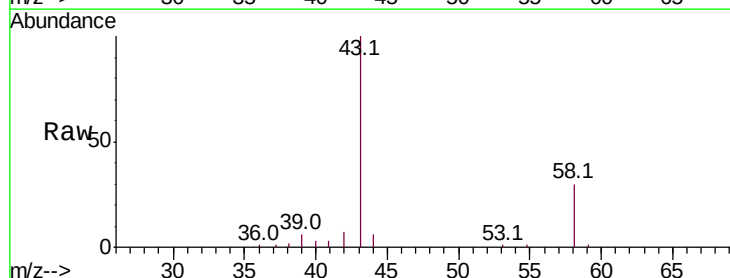
Acq: 31 May 2019 18:41

Tgt Ion: 43 Resp: 19067

Ion Ratio Lower Upper

43 100

58 30.3 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

8000

6000

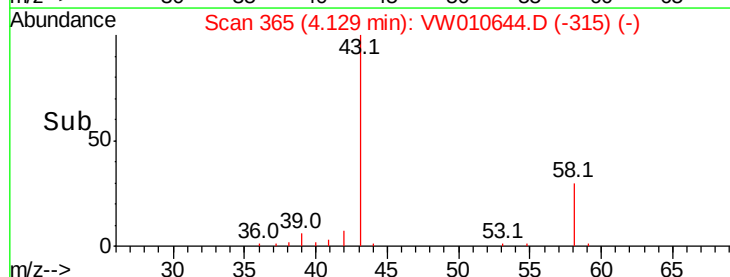
4000

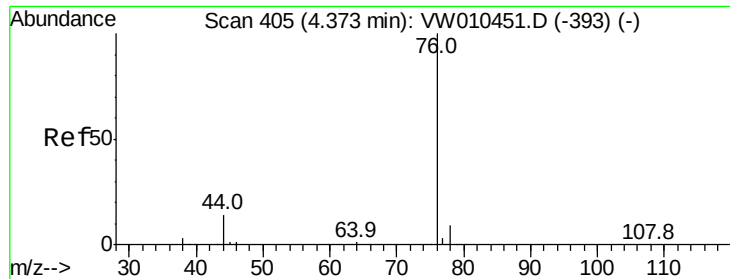
2000

0

Time-->

4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 1.427 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010644.D

Acq: 31 May 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

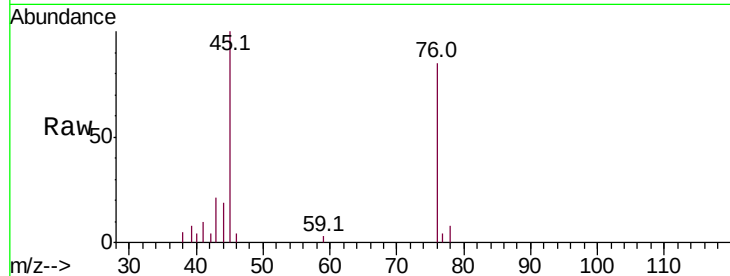
0441-PR-4(PASSAIC)

Tot Ion: 76 Resp: 5962

Ion Ratio Lower Upper

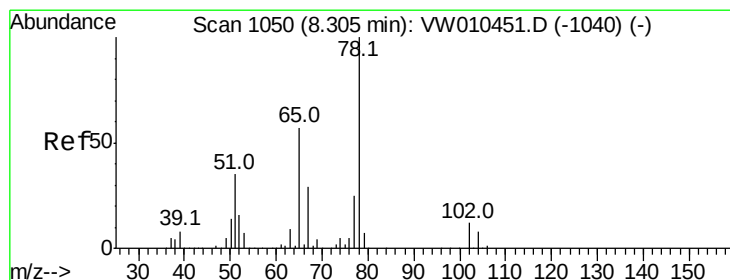
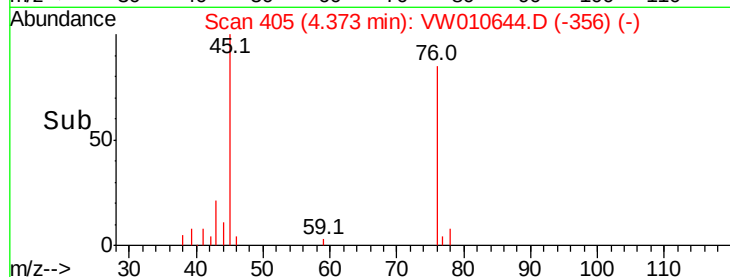
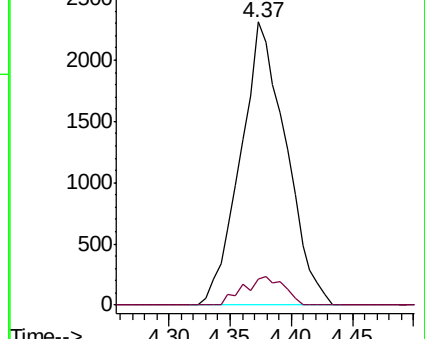
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 47.381 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010644.D

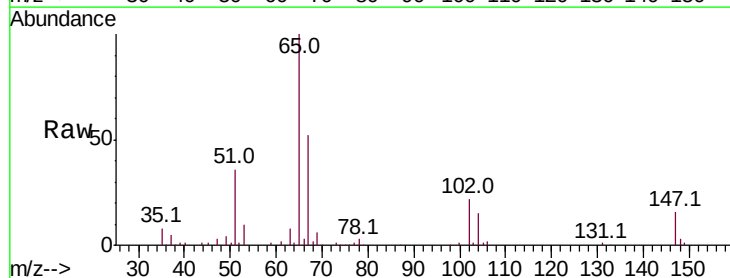
Acq: 31 May 2019 18:41

Tgt Ion: 65 Resp: 64872

Ion Ratio Lower Upper

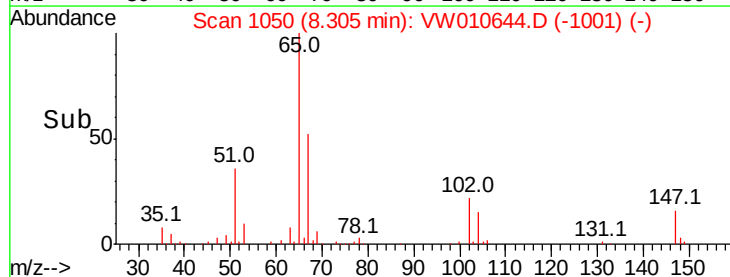
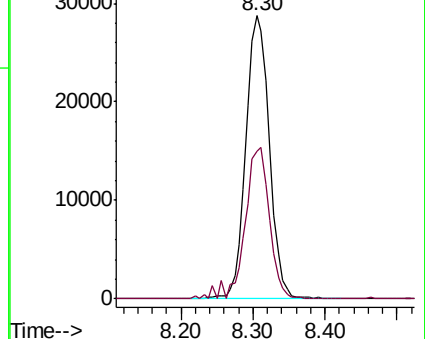
65 100

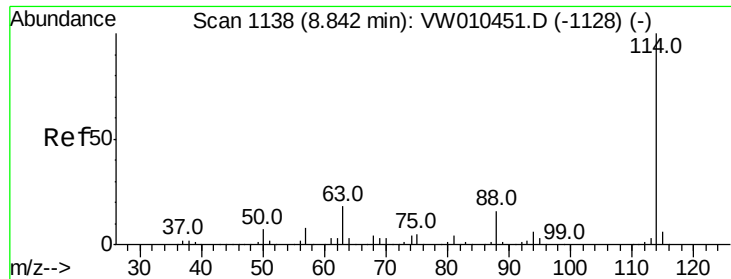
67 53.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

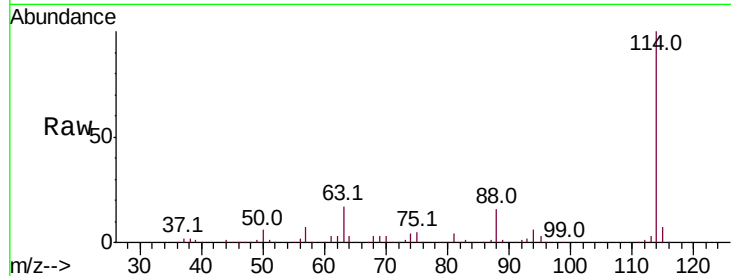




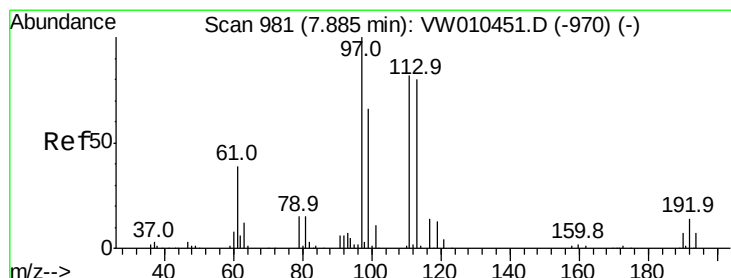
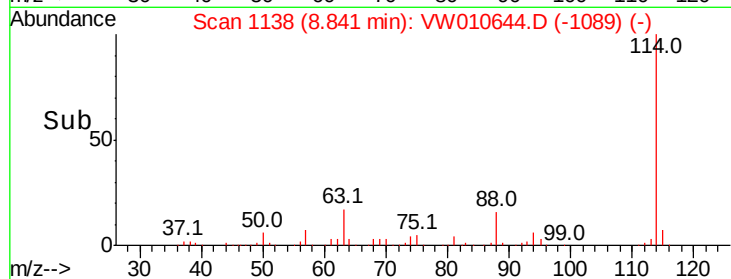
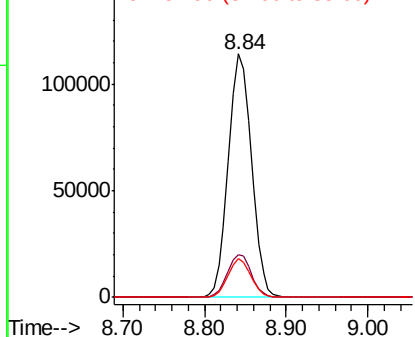
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010644.D
 Acq: 31 May 2019 18:41

Instrument :
 MSVOA_W
 ClientSampleId :
 0441-PR-4(PASSAIC)

Tot Ion:	114	Resp:	224759
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	36.0
88	15.9	0.0	32.0

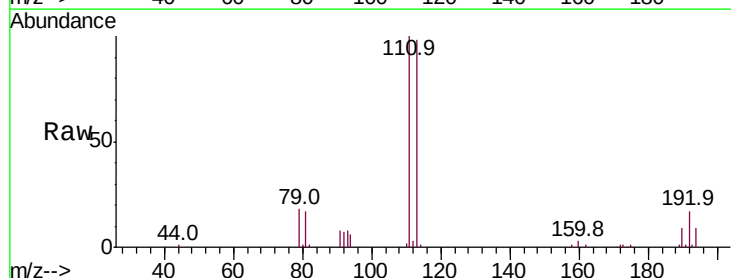


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

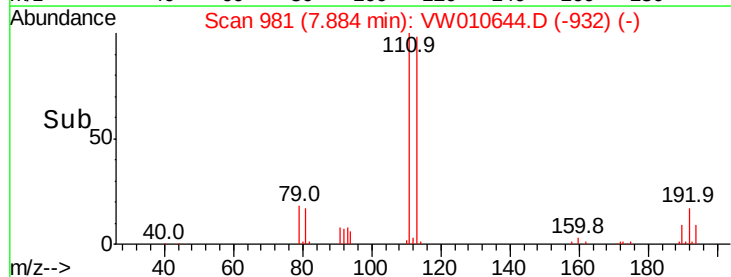
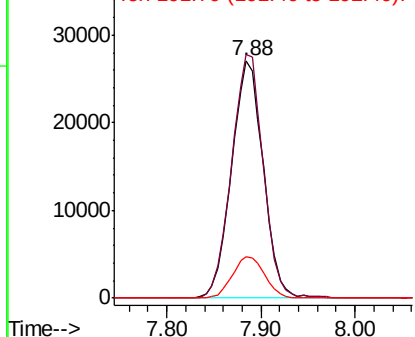


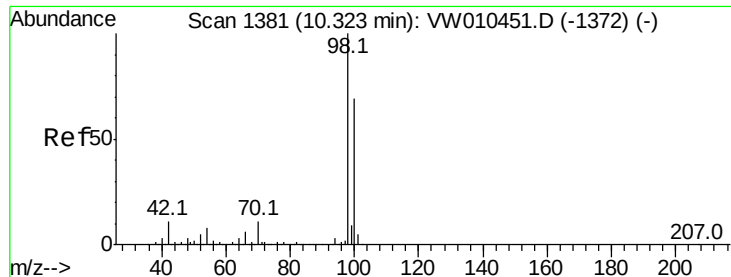
#35
 Dibromofluoromethane
 Concen: 46.457 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010644.D
 Acq: 31 May 2019 18:41

Tgt Ion:	113	Resp:	63358
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	17.7	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: 51.872 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010644.D

Acq: 31 May 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

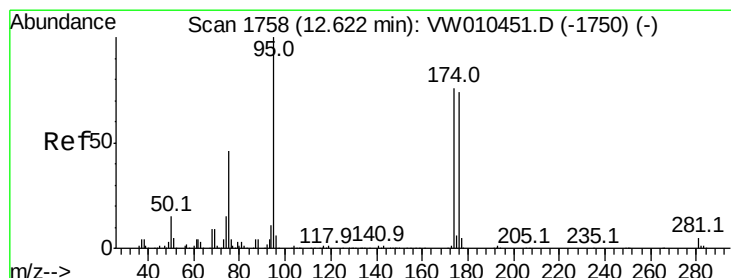
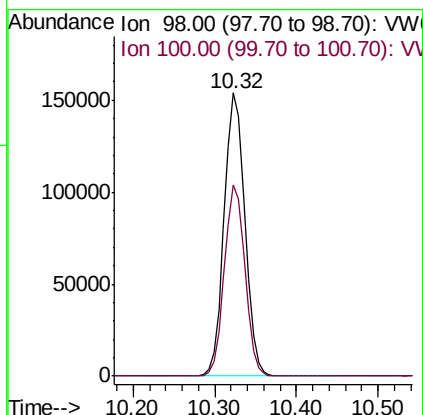
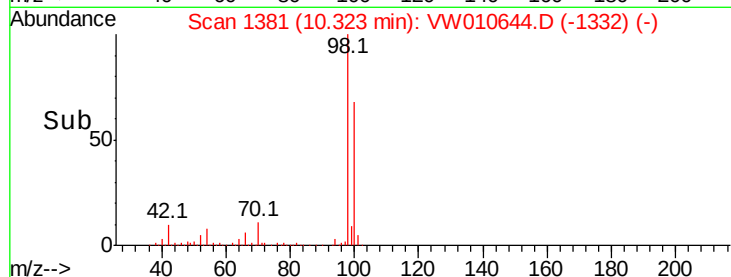
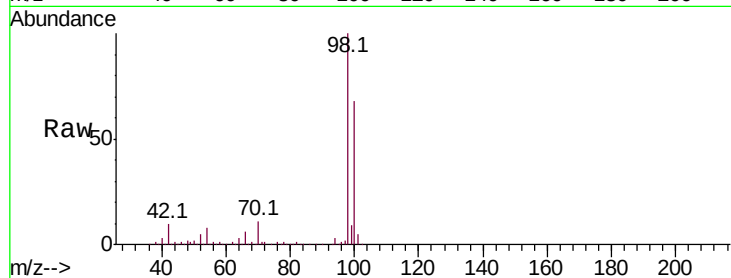
0441-PR-4(PASSAIC)

Tot Ion: 98 Resp: 270254

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 47.305 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010644.D

Acq: 31 May 2019 18:41

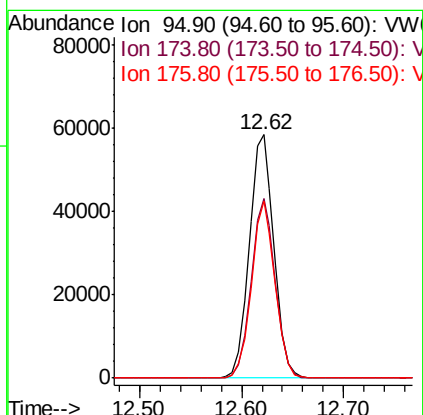
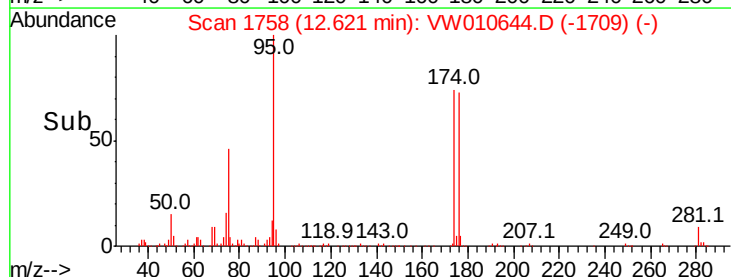
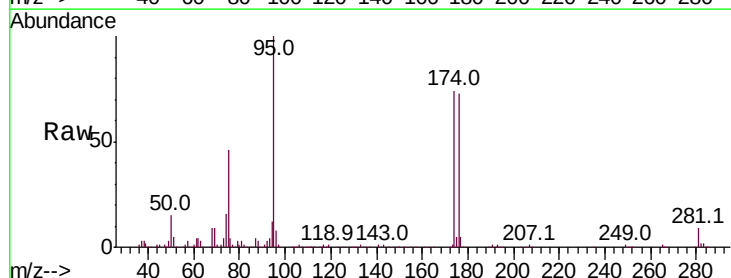
Tgt Ion: 95 Resp: 98169

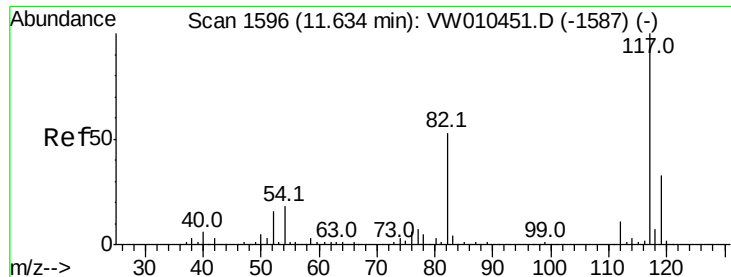
Ion Ratio Lower Upper

95 100

174 72.1 0.0 148.6

176 69.6 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: VW010644.D

Acq: 31 May 2019 18:41

Instrument :

MSVOA_W

ClientSampleId :

0441-PR-4(PASSAIC)

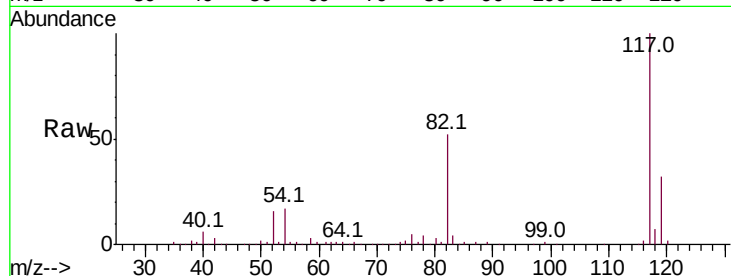
Tot Ion:117 Resp: 196039

Ion Ratio Lower Upper

117 100

82 51.6 42.8 64.2

119 31.7 26.3 39.5

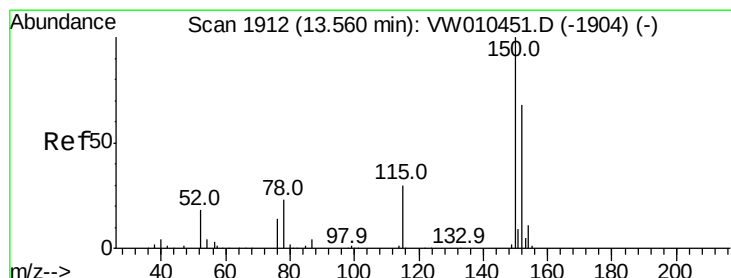
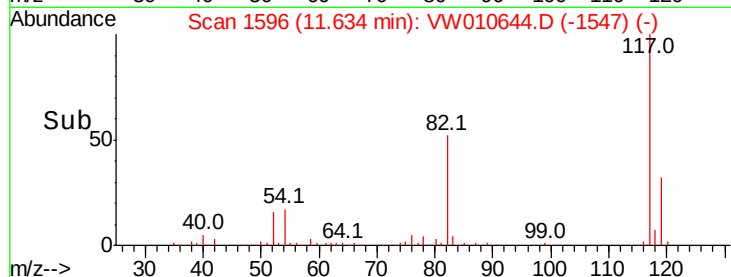
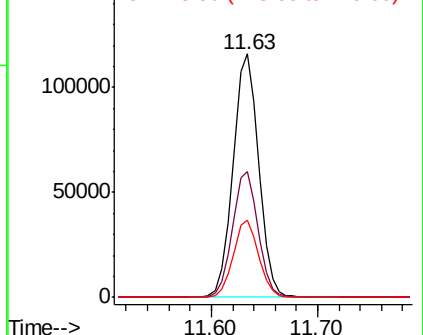


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VV

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: VW010644.D

Acq: 31 May 2019 18:41

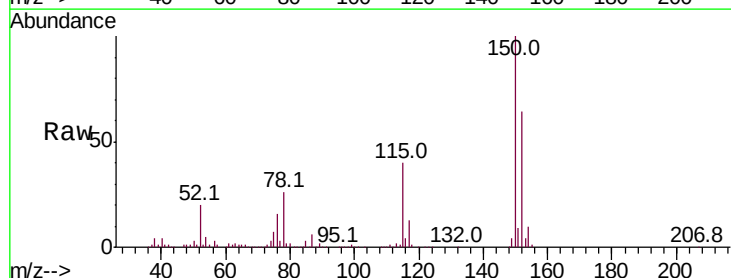
Tgt Ion:152 Resp: 87714

Ion Ratio Lower Upper

152 100

115 62.4 30.3 91.0

150 154.4 0.0 349.8

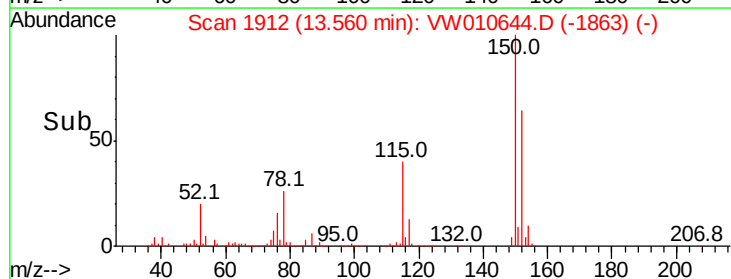
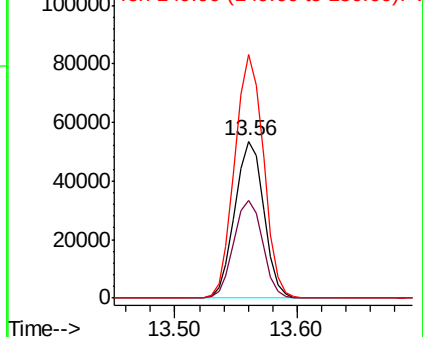


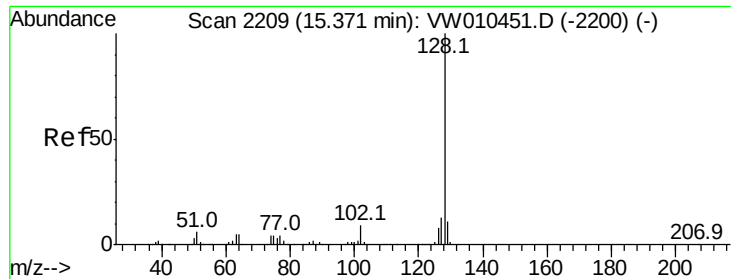
Abundance

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: 1.749 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010644.D

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0441-PR-4(PASSAIC)

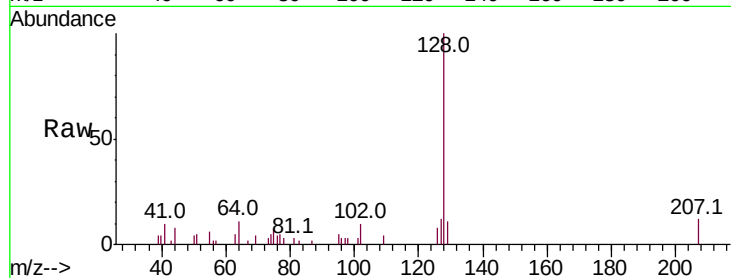
Tot Ion:128 Resp: 6955

Ion Ratio Lower Upper

128 100

127 12.5 10.6 15.8

129 12.5 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

