

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010469.D
 Acq On : 21 May 2019 01:27
 Operator : SY/VA
 Sample : K2943-14
 Misc : 3.97G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BUS-2-4FT

Quant Time: May 21 07:23:50 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

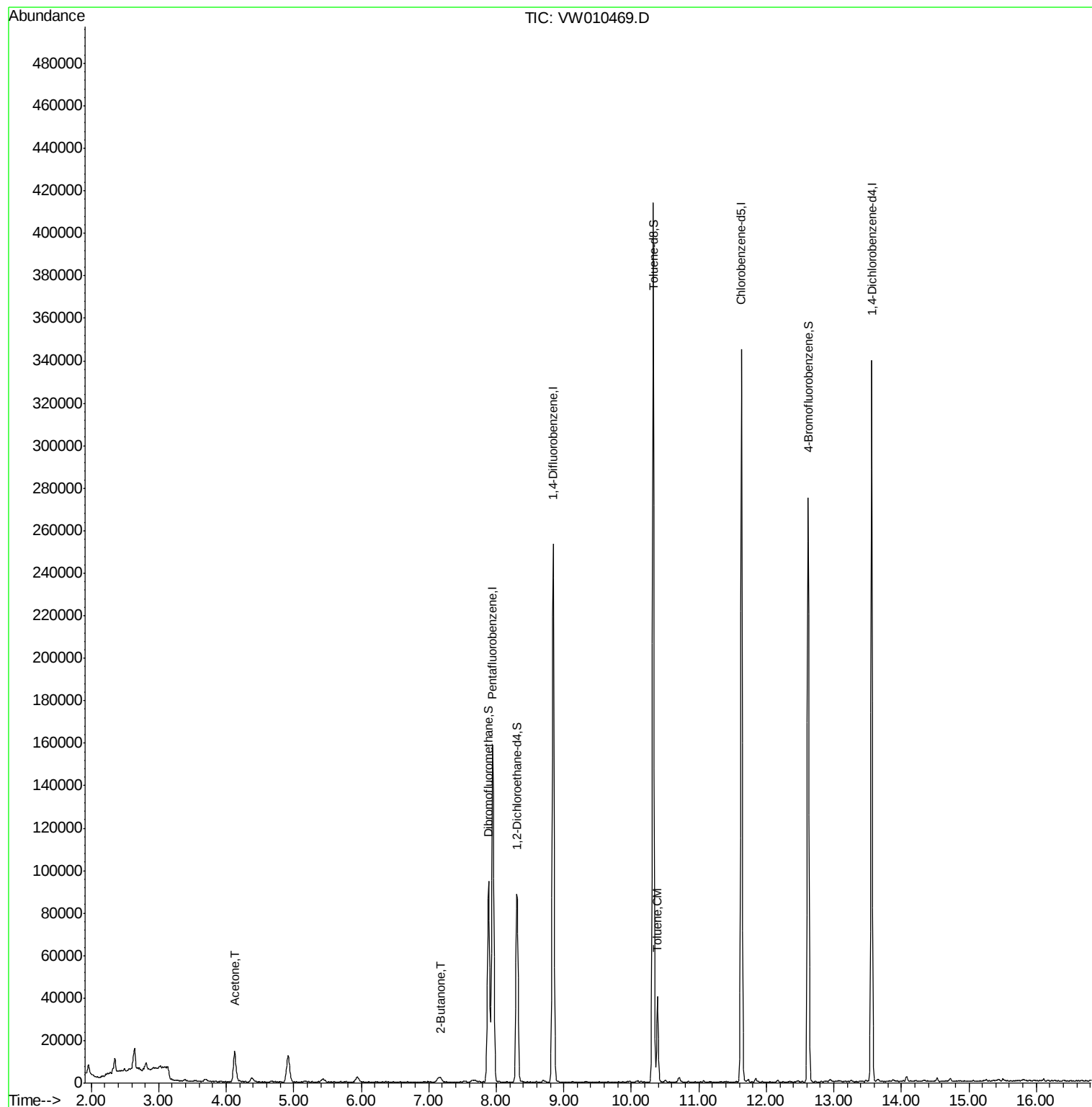
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	118006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	226871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	199387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	71133	58.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.80%	
35) Dibromofluoromethane	7.88	113	70018	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
50) Toluene-d8	10.32	98	280955	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
62) 4-Bromofluorobenzene	12.62	95	102164	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
Target Compounds						
16) Acetone	4.12	43	24847	99.937	ug/l	100
25) 2-Butanone	7.18	43	3588	10.084	ug/l	94
52) Toluene	10.39	92	17793	4.510	ug/l	99

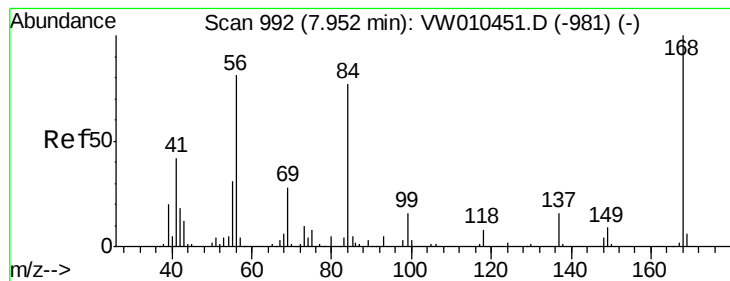
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010469.D

Acq: 21 May 2019 01:27

Instrument :

MSVOA_W

ClientSampleId :

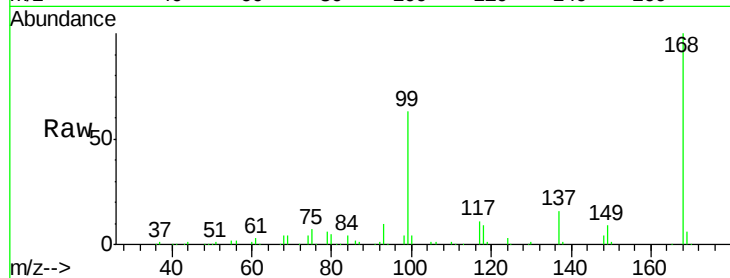
BUS-2-4FT

Tot Ion:168 Resp: 118006

Ion Ratio Lower Upper

168 100

99 62.6 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

50000

40000

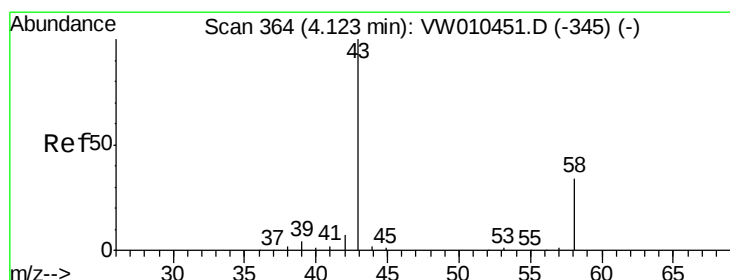
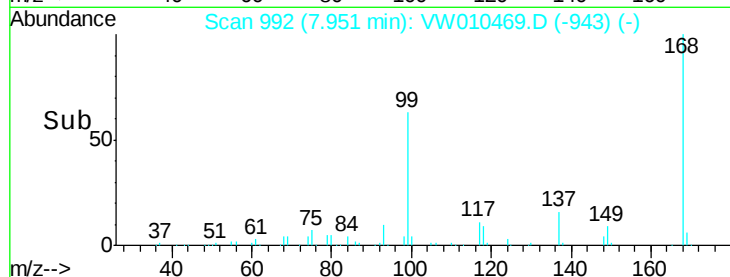
30000

20000

10000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 99.937 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010469.D

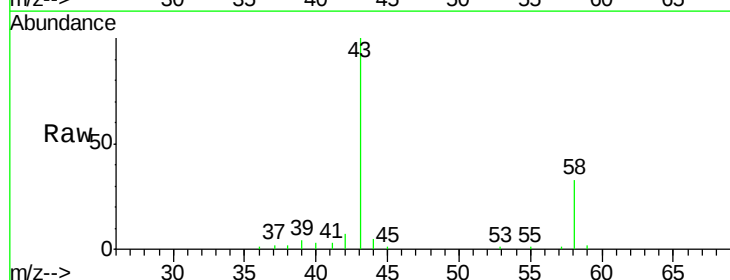
Acq: 21 May 2019 01:27

Tgt Ion: 43 Resp: 24847

Ion Ratio Lower Upper

43 100

58 33.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

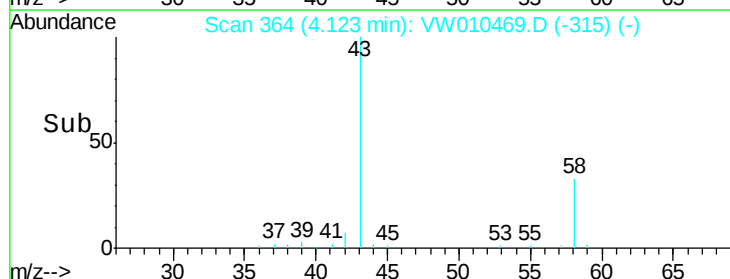
6000

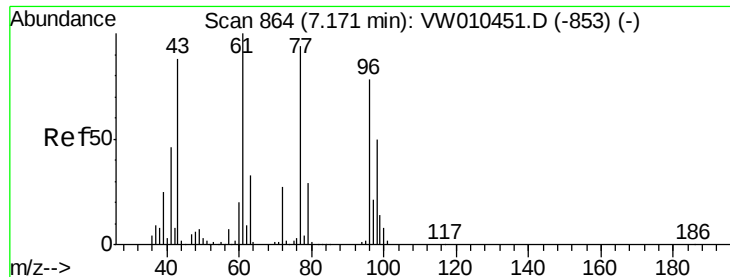
4000

2000

0

Time--> 4.00 4.10 4.20





#25

2-Butanone

Concen: 10.084 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW010469.D

Acq: 21 May 2019 01:27

Instrument :

MSVOA_W

ClientSampled :

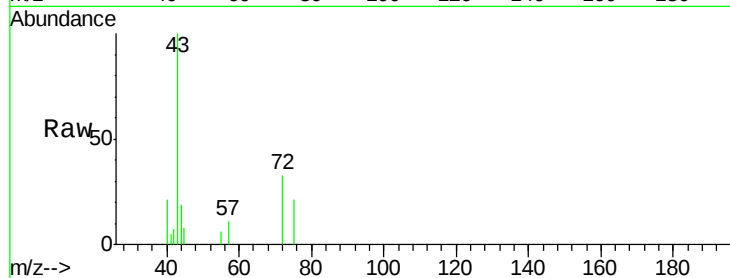
BUS-2-4FT

Tot Ion: 43 Resp: 3588

Ion Ratio Lower Upper

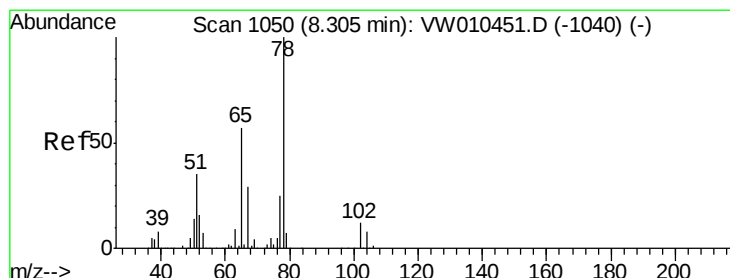
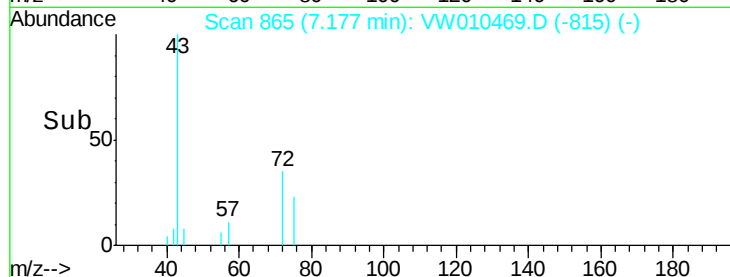
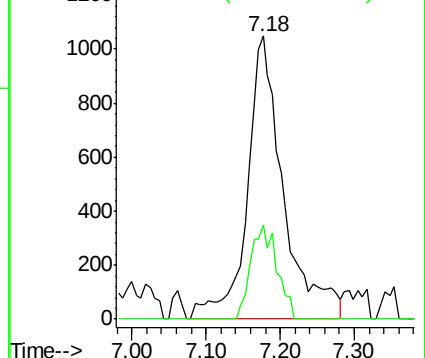
43 100

72 33.2 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 58.400 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010469.D

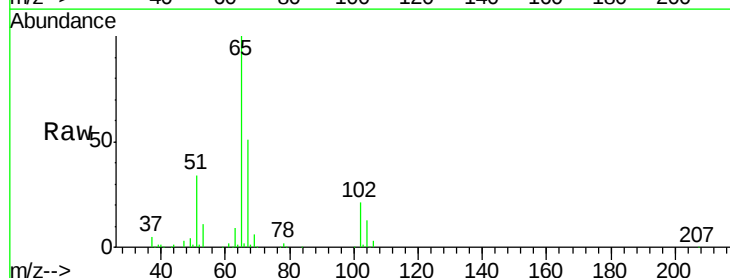
Acq: 21 May 2019 01:27

Tgt Ion: 65 Resp: 71133

Ion Ratio Lower Upper

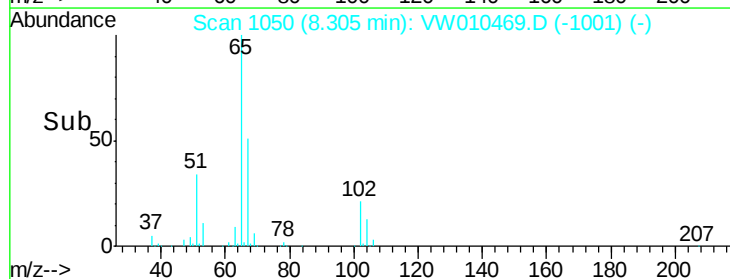
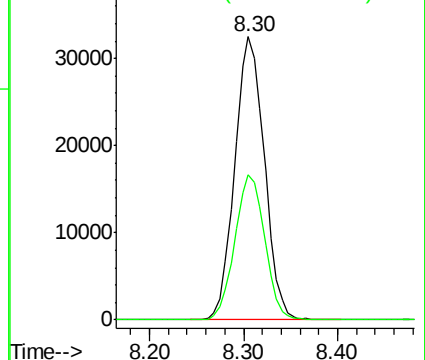
65 100

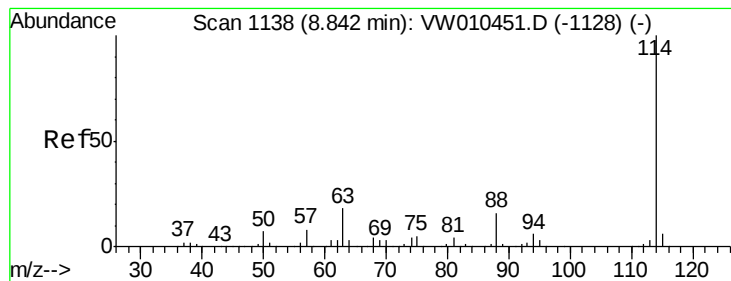
67 51.5 0.0 103.6



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: VW010469.D

Acq: 21 May 2019 01:27

Instrument :

MSVOA_W

ClientSampleId :

BUS-2-4FT

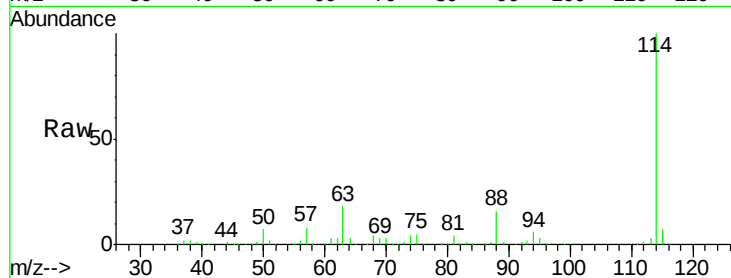
Tot Ion:114 Resp: 226871

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.0

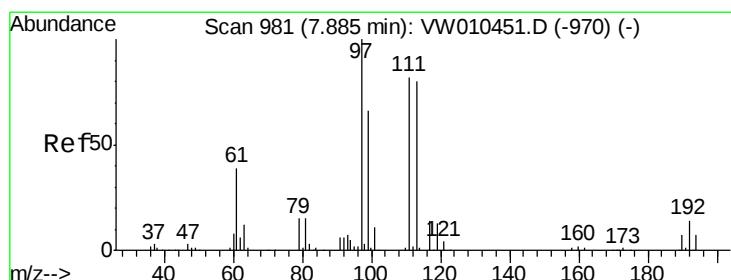
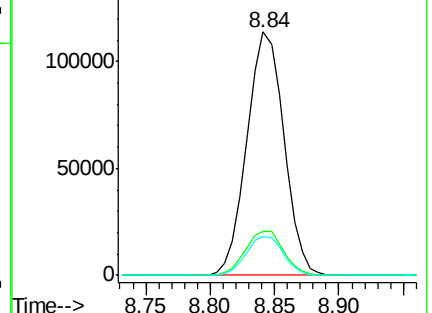
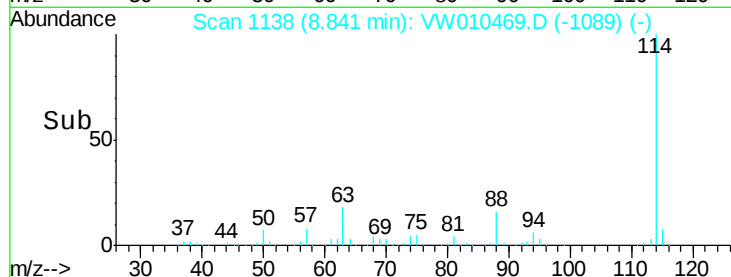
88 16.0 0.0 32.0



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: 50.863 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010469.D

Acq: 21 May 2019 01:27

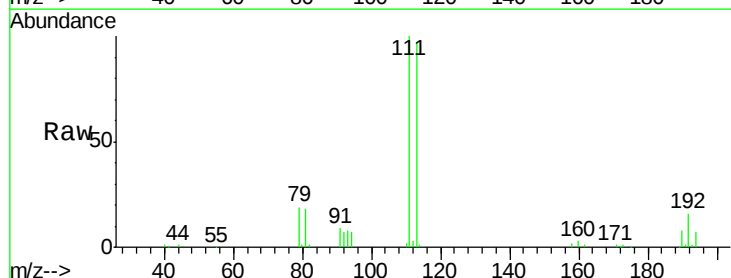
Tgt Ion:113 Resp: 70018

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

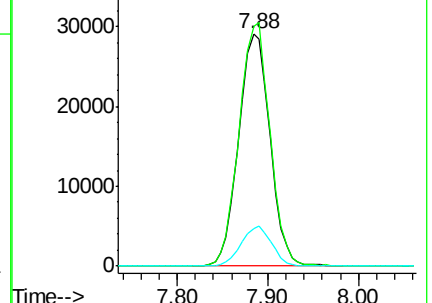
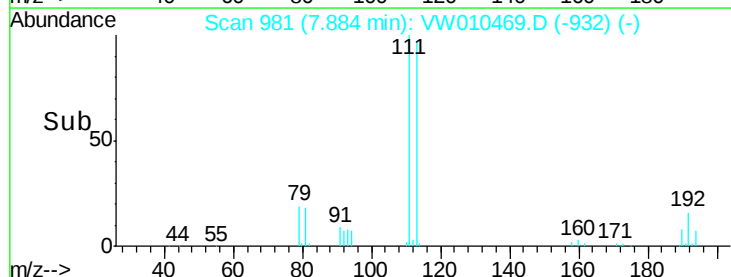
192 16.7 14.3 21.5

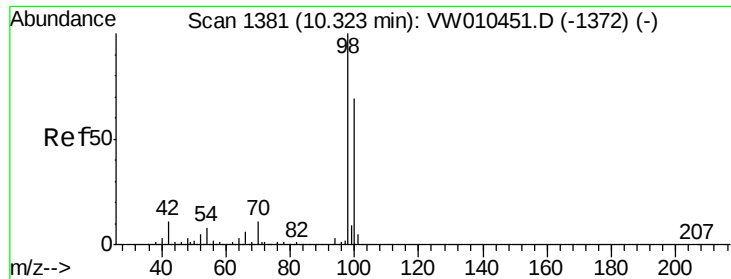


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.424 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010469.D

Acq: 21 May 2019 01:27

Instrument :

MSVOA_W

ClientSampleId :

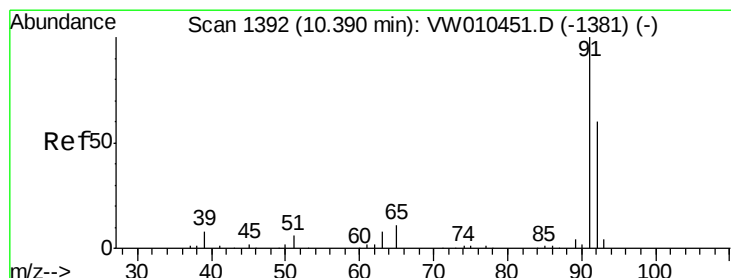
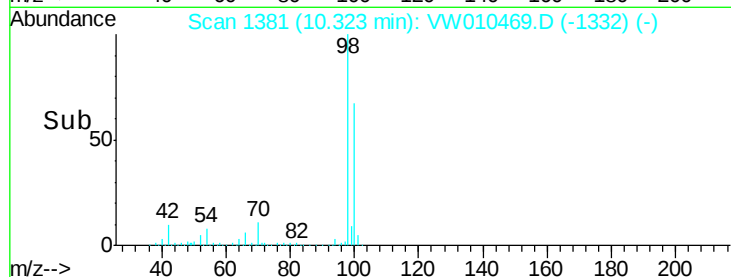
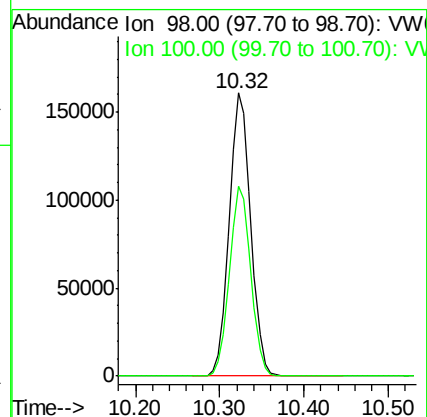
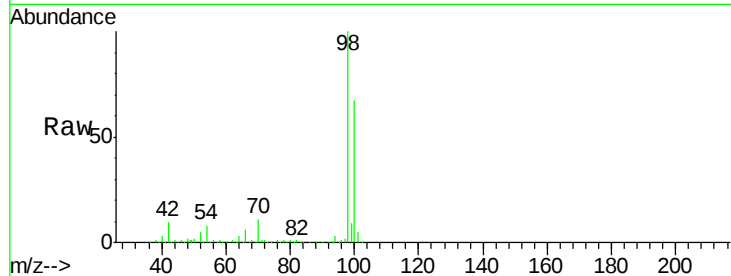
BUS-2-4FT

Tot Ion: 98 Resp: 280955

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



#52

Toluene

Concen: 4.510 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010469.D

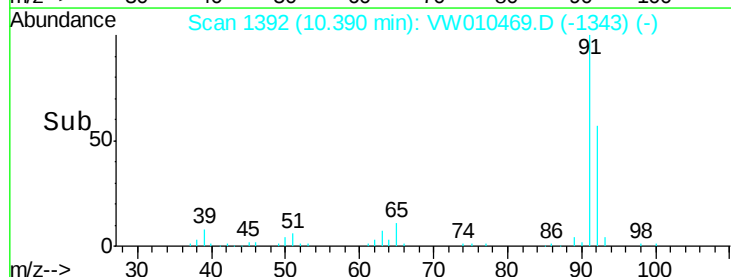
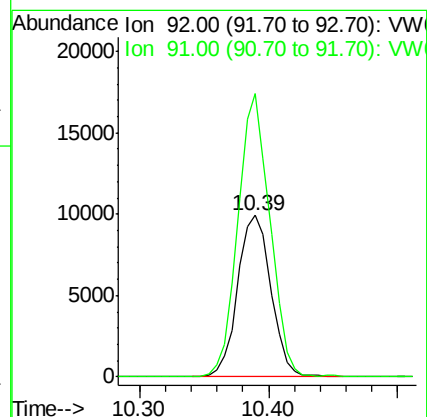
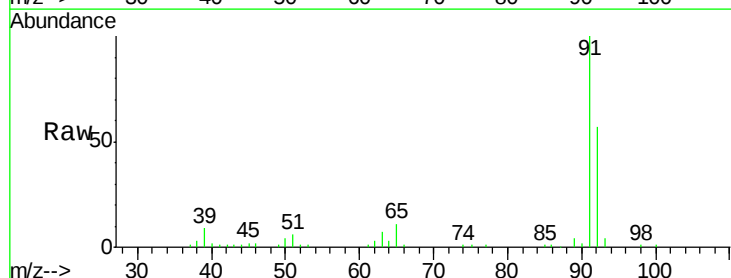
Acq: 21 May 2019 01:27

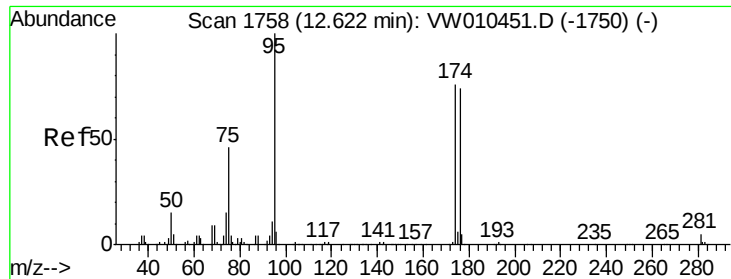
Tgt Ion: 92 Resp: 17793

Ion Ratio Lower Upper

92 100

91 168.5 135.4 203.0

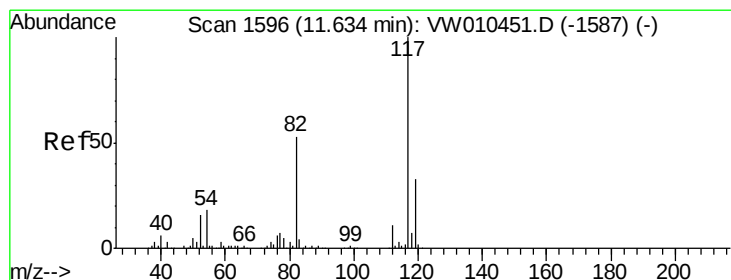
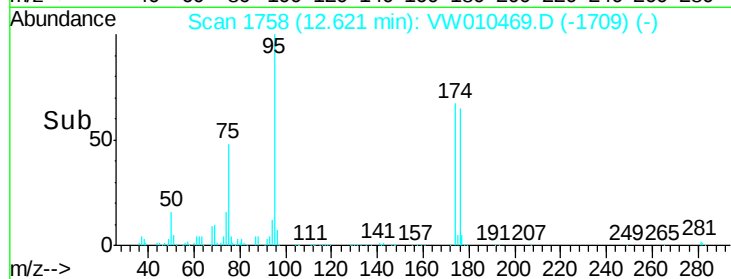
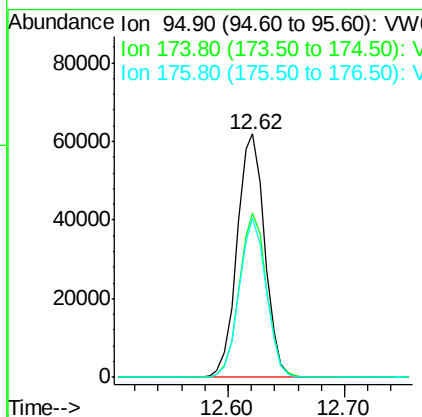
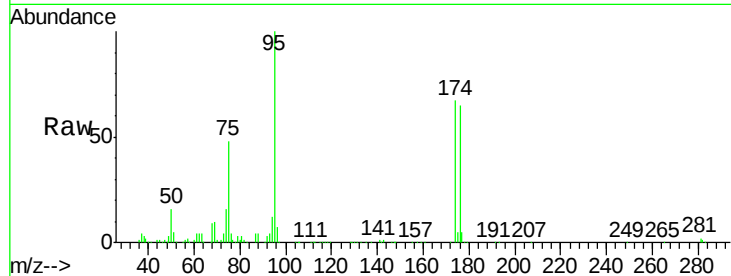




#62
4-Bromofluorobenzene
Concen: 48.772 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010469.D
Acq: 21 May 2019 01:27

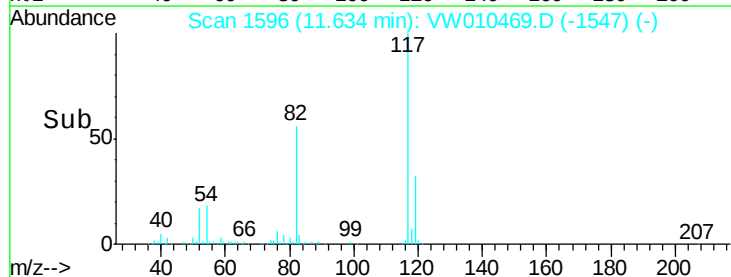
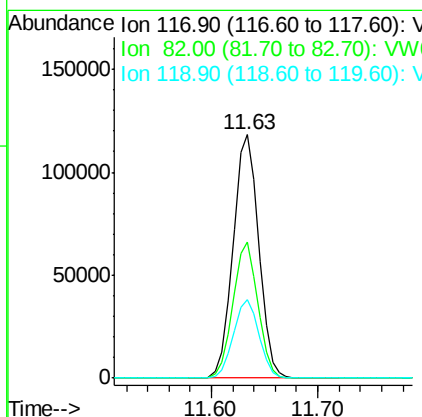
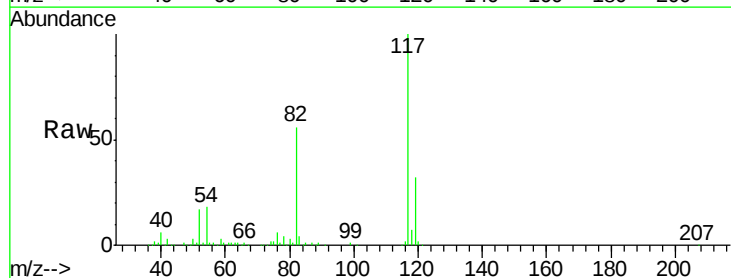
Instrument :
MSVOA_W
ClientSampleId :
BUS-2-4FT

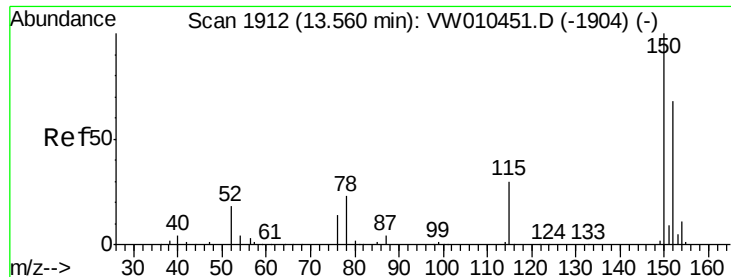
Tot Ion	Ratio	Lower	Upper
95	100		
174	66.6	0.0	148.6
176	64.1	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010469.D
Acq: 21 May 2019 01:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.8	64.2
119	32.3	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: VW010469.D

Acq: 21 May 2019 01:27

Instrument :

MSVOA_W

ClientSampleId :

BUS-2-4FT

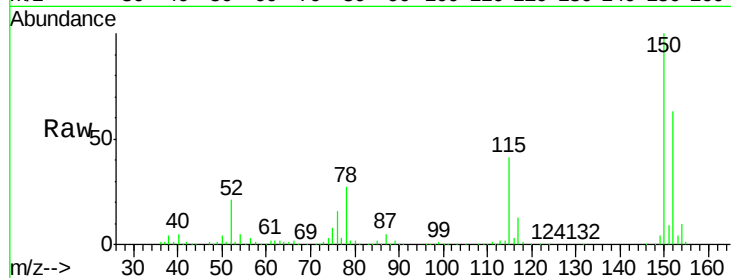
Tot Ion:152 Resp: 86112

Ion Ratio Lower Upper

152 100

115 63.2 30.3 91.0

150 158.1 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

