

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051219\
 Data File : VW010404.D
 Acq On : 12 May 2019 13:20
 Operator : SY/VA
 Sample : K2718-18
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS007-0612-01

Quant Time: May 13 06:04:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

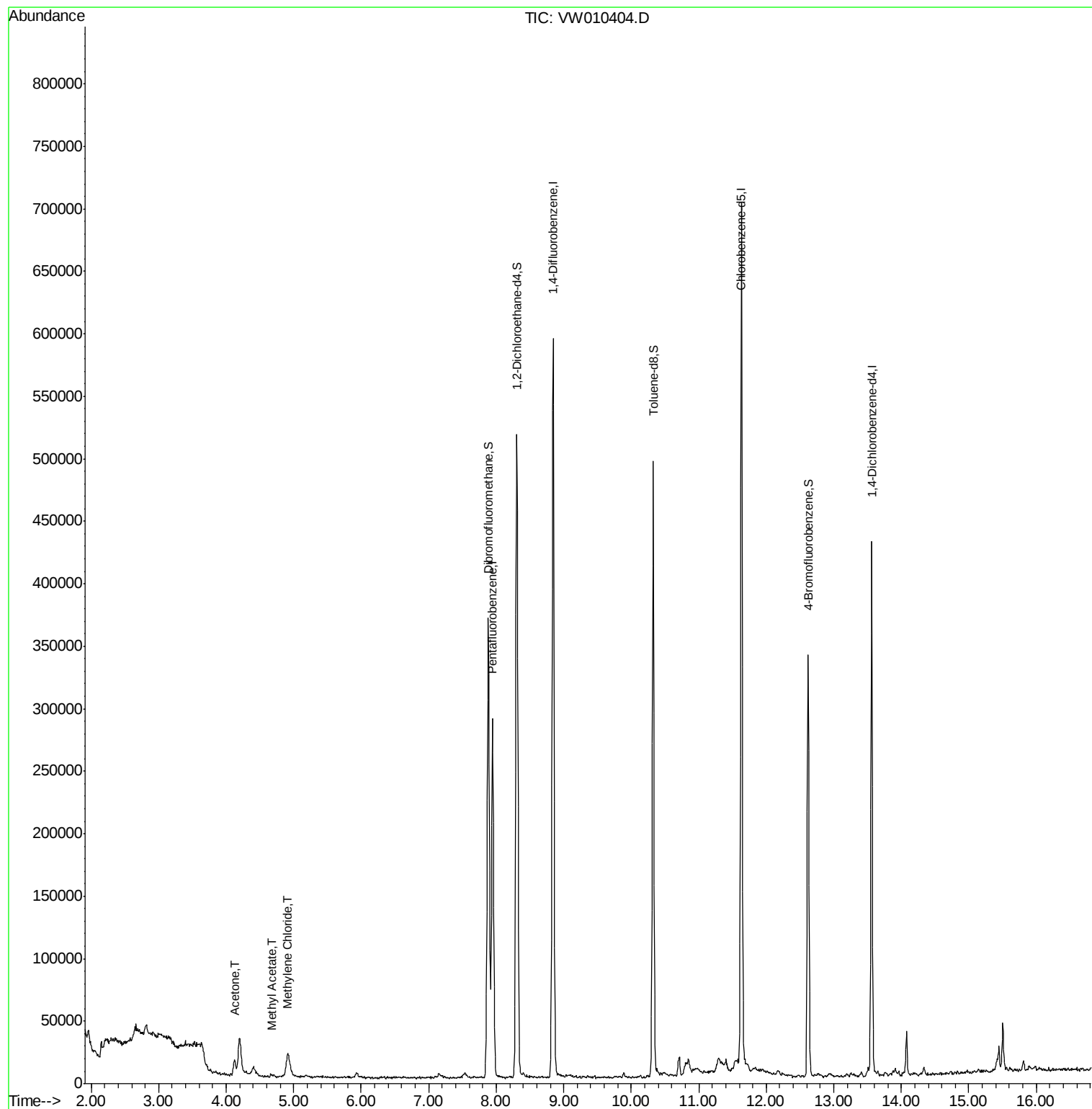
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	399579	186.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	372.08%	
35) Dibromofluoromethane	7.88	113	266670	95.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	190.30%	
50) Toluene-d8	10.32	98	316503	27.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.46%	
62) 4-Bromofluorobenzene	12.62	95	102791	25.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.18%	
Target Compounds						
16) Acetone	4.12	43	22544	40.263	ug/l	97
18) Methyl Acetate	4.67	43	4820	3.475	ug/l	95
20) Methylene Chloride	4.91	84	18605	7.967	ug/l	95

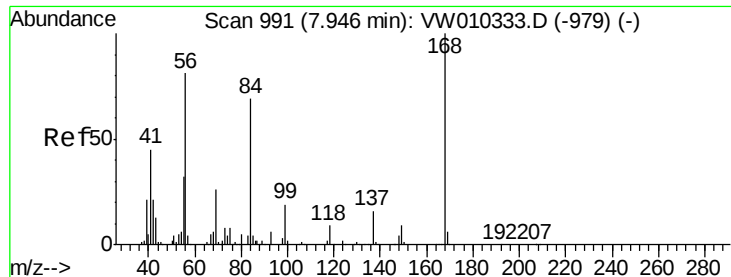
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010404.D

Acq: 12 May 2019 13:20

Instrument :

MSVOA_W

ClientSampleId :

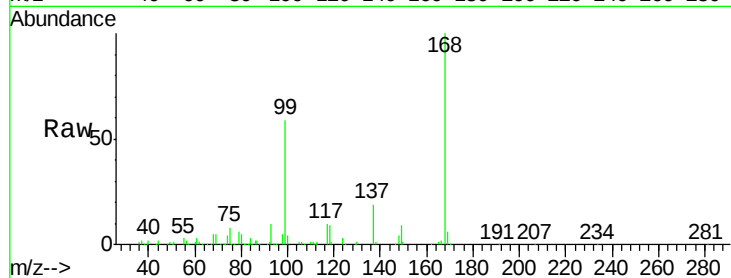
P026-SS007-0612-01

Tot Ion:168 Resp: 202025

Ion Ratio Lower Upper

168 100

99 58.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

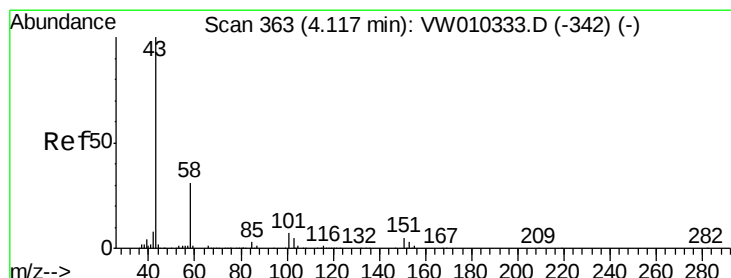
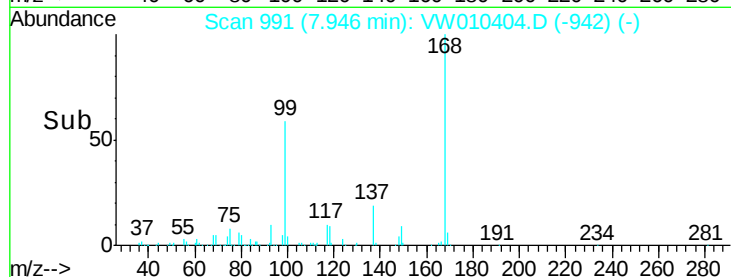
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 40.263 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010404.D

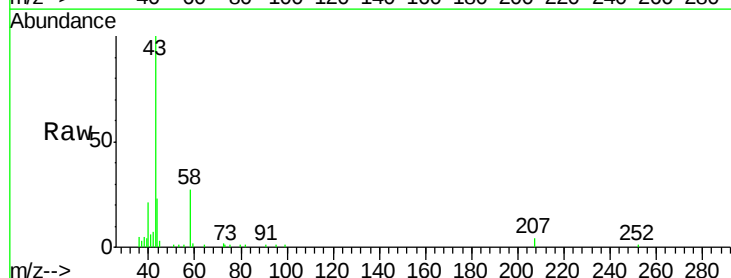
Acq: 12 May 2019 13:20

Tgt Ion: 43 Resp: 22544

Ion Ratio Lower Upper

43 100

58 26.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

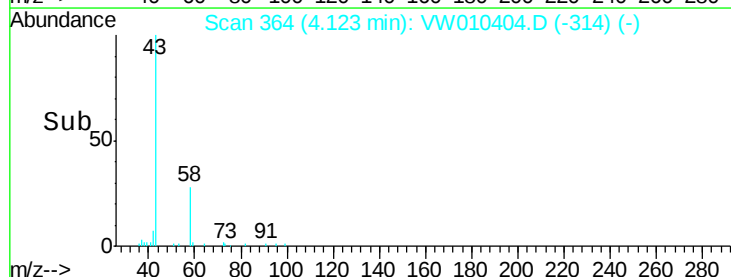
6000

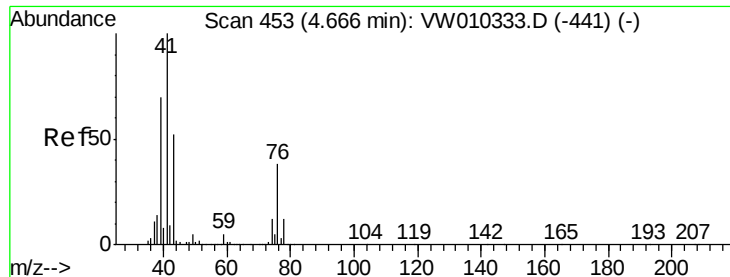
4000

2000

0

Time--> 4.00 4.10 4.20

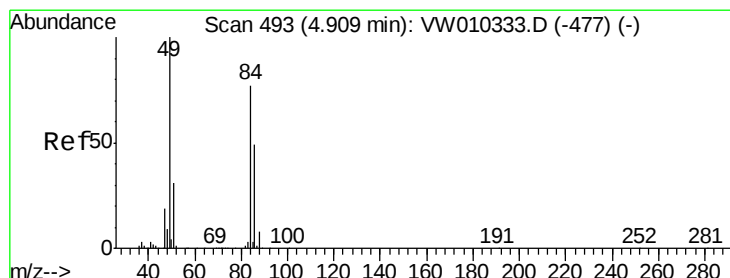
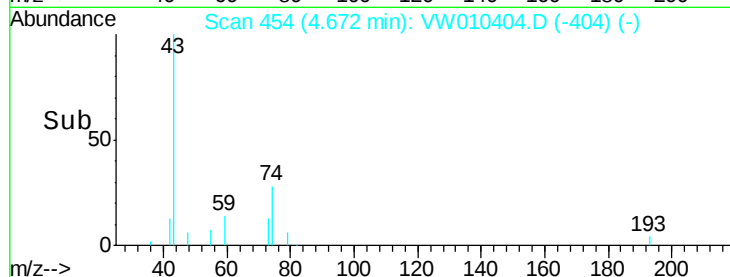
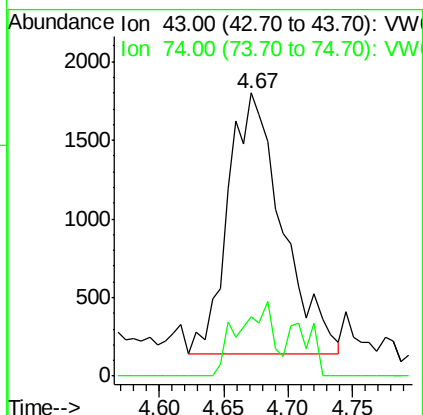
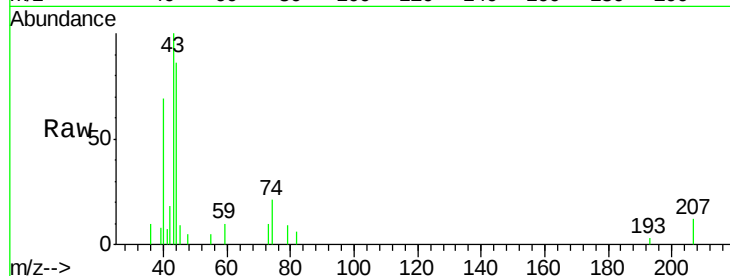




#18
Methyl Acetate
Concen: 3.475 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW010404.D
Acq: 12 May 2019 13:20

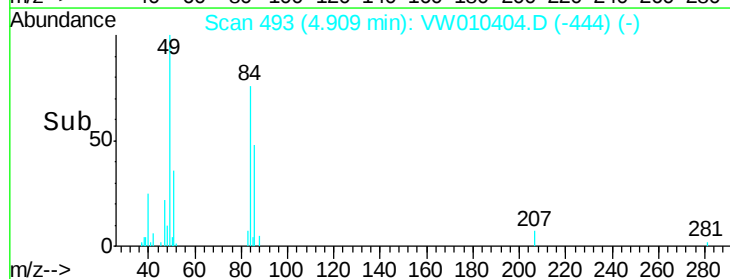
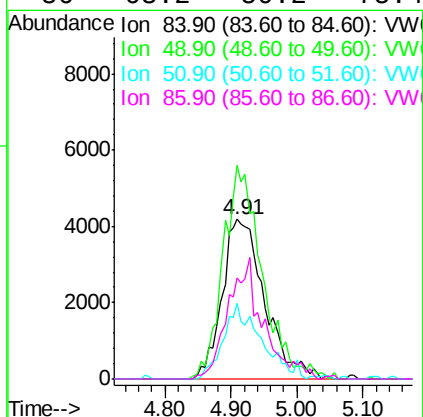
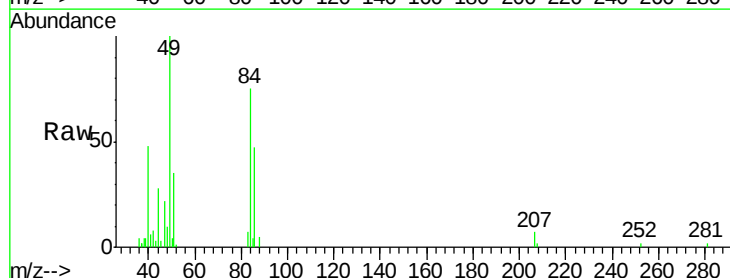
Instrument :
MSVOA_W
ClientSampleId :
P026-SS007-0612-01

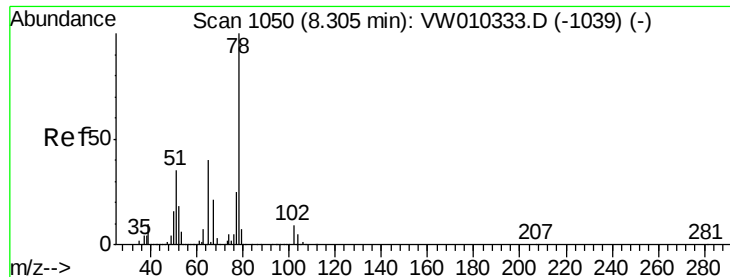
Tot Ion: 43 Resp: 4820
Ion Ratio Lower Upper
43 100
74 18.8 16.8 25.2



#20
Methylene Chloride
Concen: 7.967 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW010404.D
Acq: 12 May 2019 13:20

Tgt Ion: 84 Resp: 18605
Ion Ratio Lower Upper
84 100
49 133.8 112.3 168.5
51 47.4 33.9 50.9
86 63.2 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 186.041 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010404.D

Acq: 12 May 2019 13:20

Instrument :

MSVOA_W

ClientSampleId :

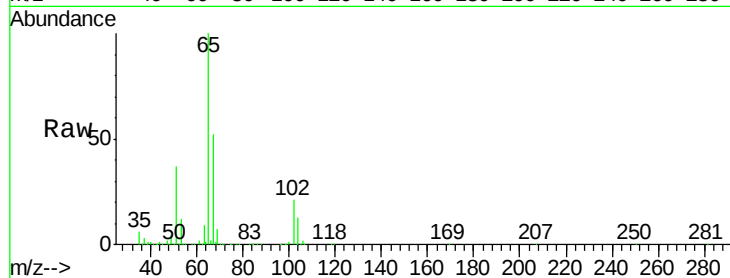
P026-SS007-0612-01

Tot Ion: 65 Resp: 399579

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

200000

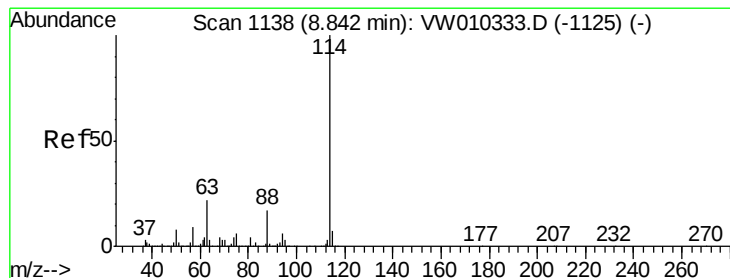
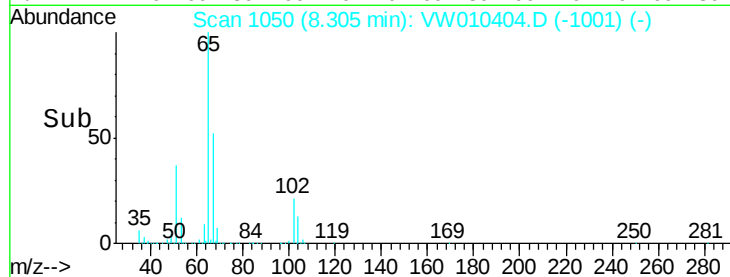
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010404.D

Acq: 12 May 2019 13:20

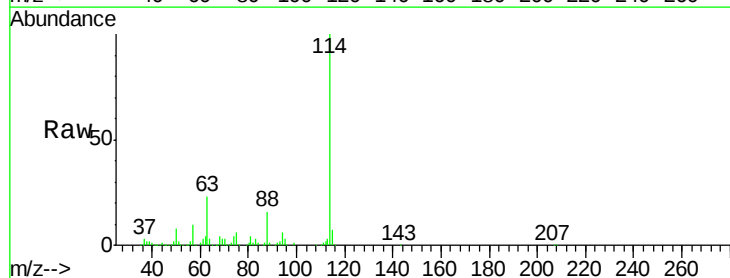
Tgt Ion: 114 Resp: 478928

Ion Ratio Lower Upper

114 100

63 23.2 0.0 46.2

88 16.4 0.0 32.6



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

300000

250000

200000

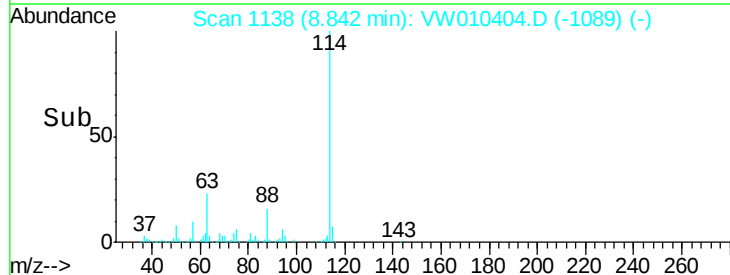
150000

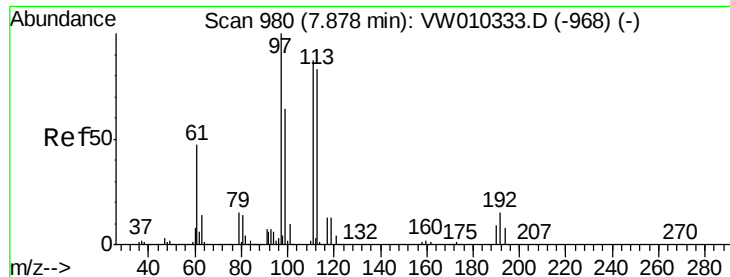
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 95.150 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010404.D

Acq: 12 May 2019 13:20

Instrument :

MSVOA_W

ClientSampleId :

P026-SS007-0612-01

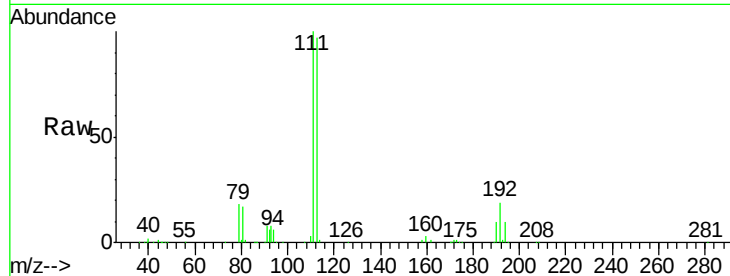
Tot Ion:113 Resp: 266670

Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

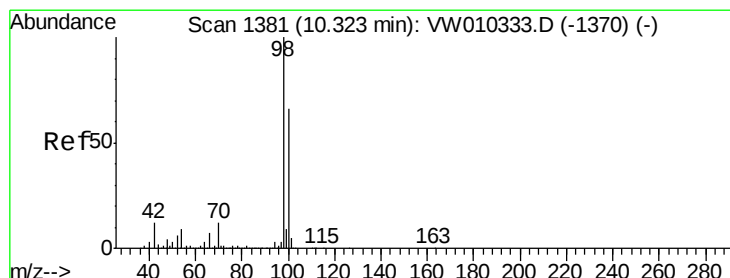
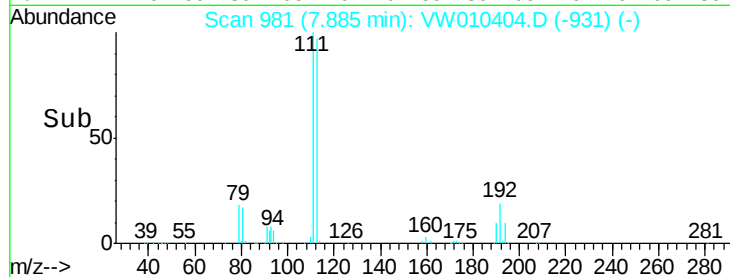
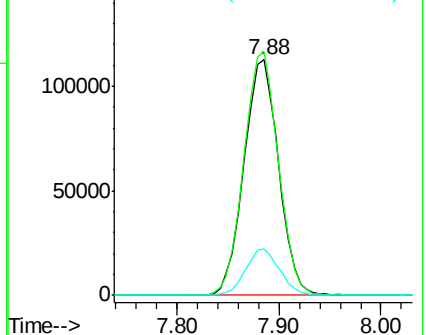
192 19.4 15.4 23.2



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: 27.733 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010404.D

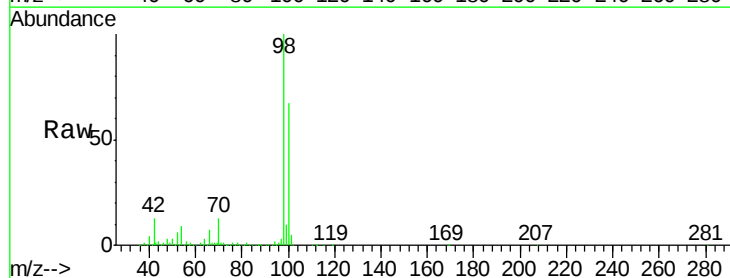
Acq: 12 May 2019 13:20

Tgt Ion: 98 Resp: 316503

Ion Ratio Lower Upper

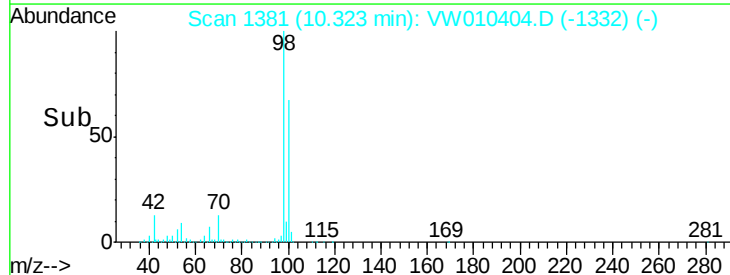
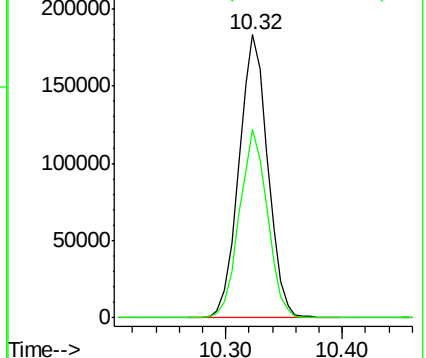
98 100

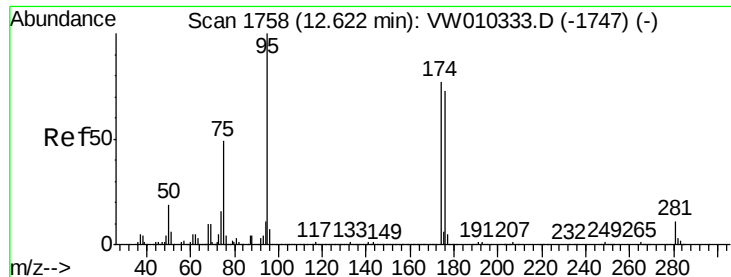
100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 25.588 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010404.D

Acq: 12 May 2019 13:20

Instrument :

MSVOA_W

ClientSampleId :

P026-SS007-0612-01

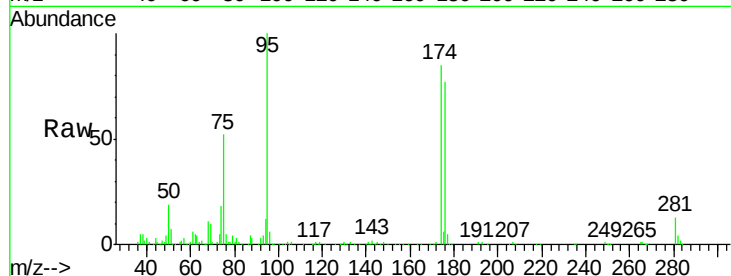
Tot Ion: 95 Resp: 102791

Ion Ratio Lower Upper

95 100

174 80.2 0.0 151.4

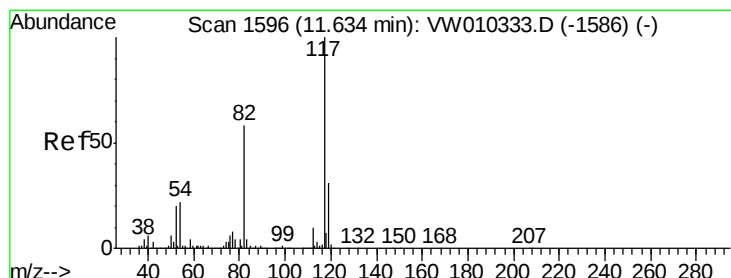
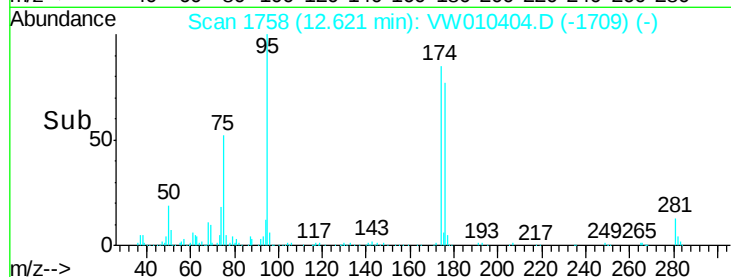
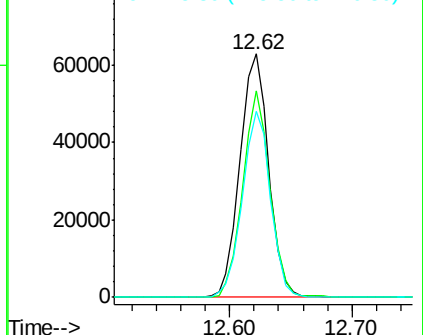
176 74.6 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010404.D

Acq: 12 May 2019 13:20

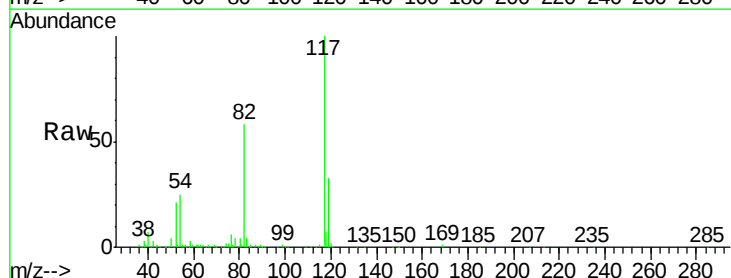
Tgt Ion: 117 Resp: 382075

Ion Ratio Lower Upper

117 100

82 57.5 45.2 67.8

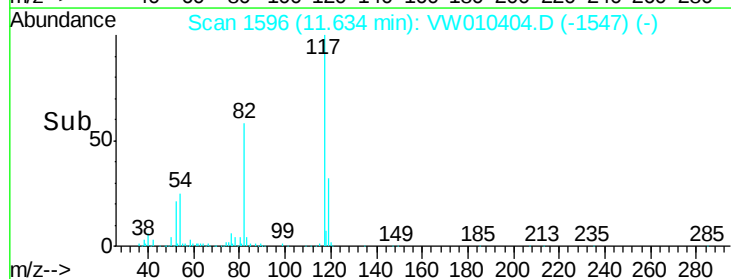
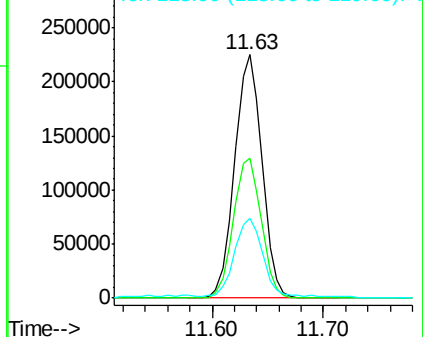
119 32.3 25.4 38.2

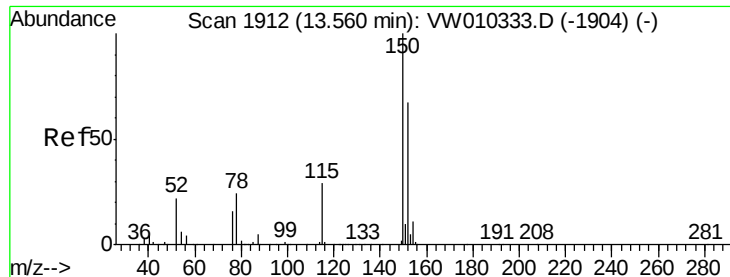


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010404.D

Acq: 12 May 2019 13:20

Instrument :

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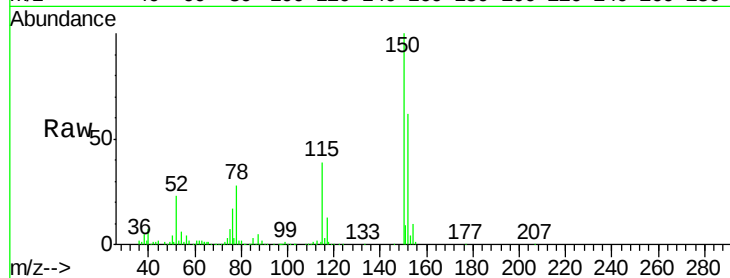
Tot Ion:152 Resp: 108746

Ion Ratio Lower Upper

152 100

115 59.3 30.4 91.2

150 155.8 0.0 347.0



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

