

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011037.D
 Acq On : 28 Jun 2019 01:21
 Operator : SY/VA
 Sample : K3509-01
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SA-06-062619-A

Quant Time: Jun 28 09:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

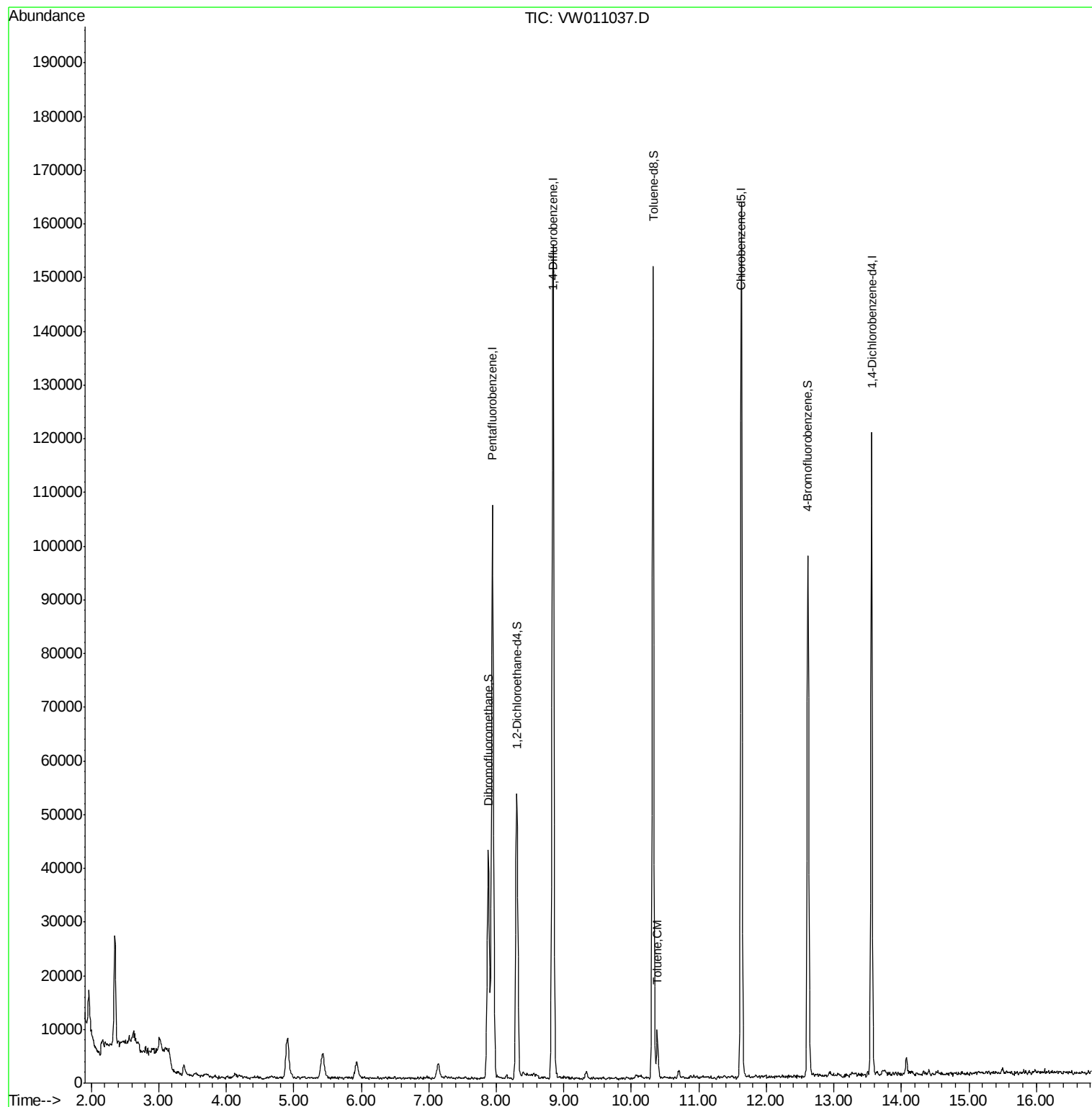
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	120564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	83332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	27983	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	41927	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
35) Dibromofluoromethane	7.88	113	30569	41.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.04%	
50) Toluene-d8	10.32	98	93559	30.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.74%	
62) 4-Bromofluorobenzene	12.62	95	32261	29.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.22%	
Target Compounds						
52) Toluene	10.38	92	3292	1.509	ug/l	Qvalue 97

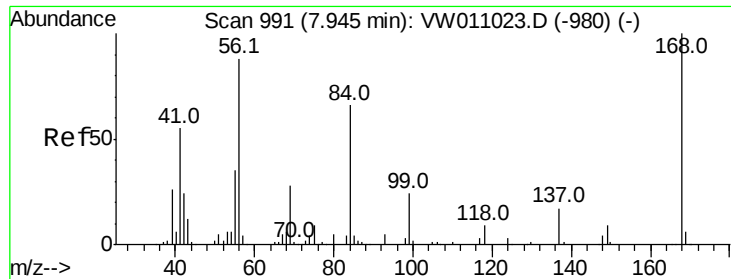
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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ClientSampleId :

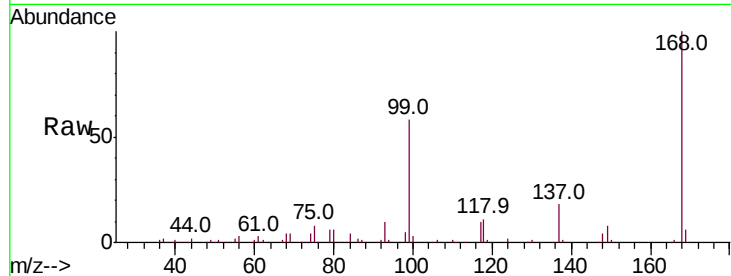
SA-06-062619-A

Tot Ion:168 Resp: 74625

Ion Ratio Lower Upper

168 100

99 57.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

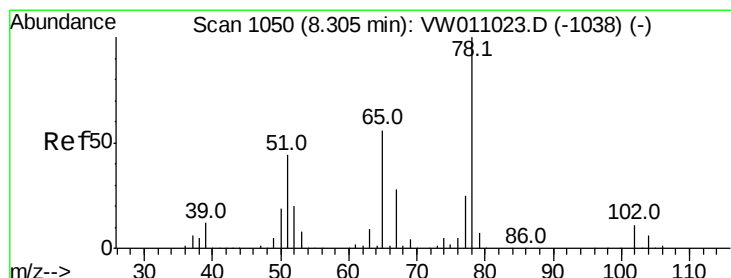
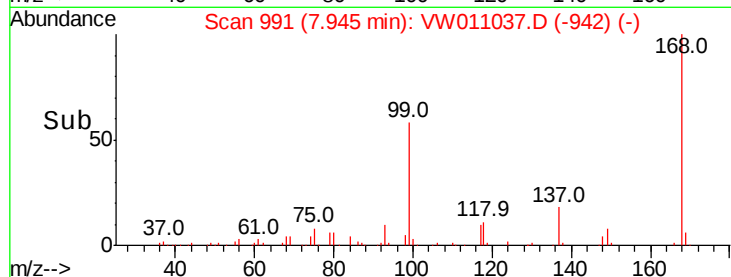
20000

10000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.978 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011037.D

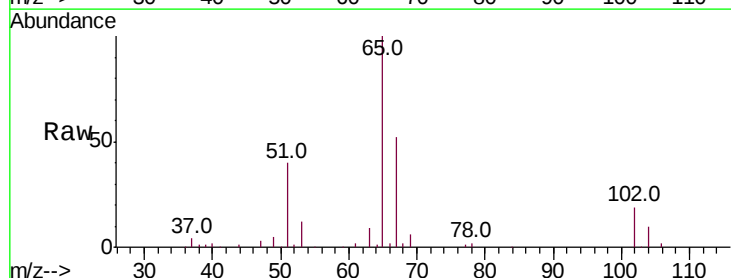
Acq: 28 Jun 2019 01:21

Tgt Ion: 65 Resp: 41927

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

20000

15000

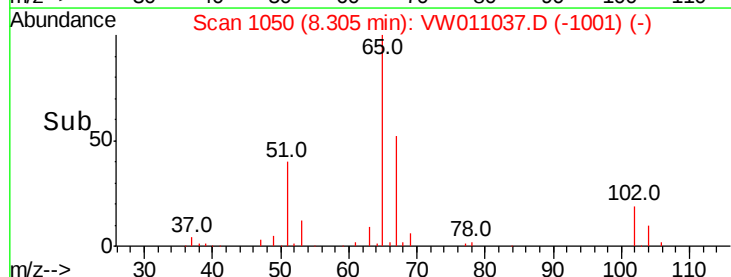
10000

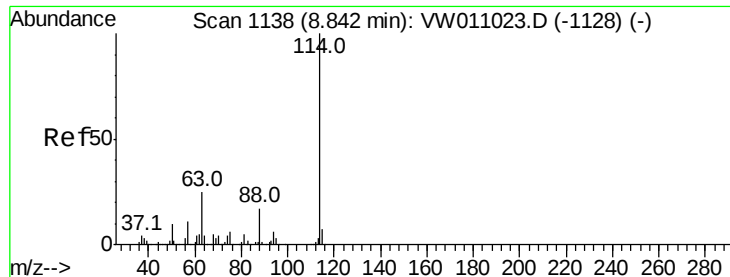
5000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW011037.D

Acq: 28 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

SA-06-062619-A

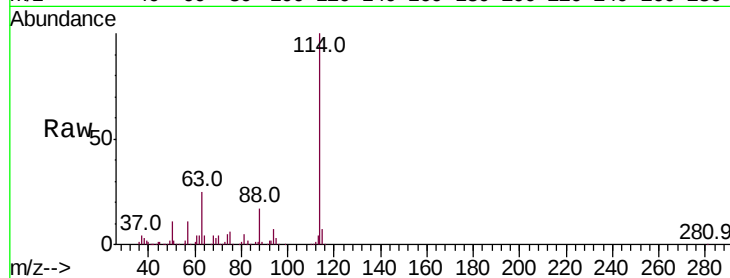
Tot Ion:114 Resp: 120564

Ion Ratio Lower Upper

114 100

63 24.5 0.0 50.6

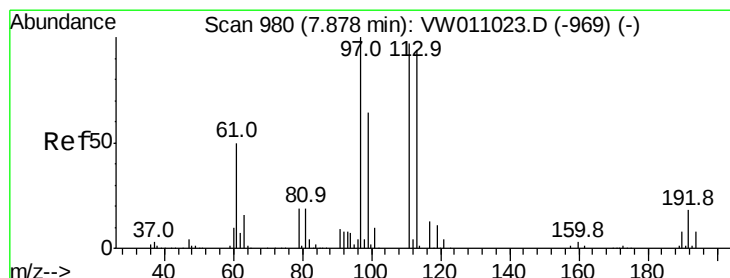
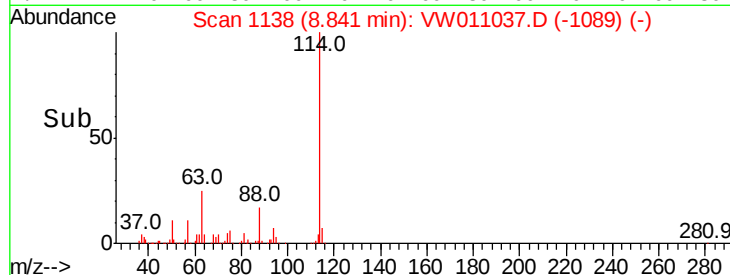
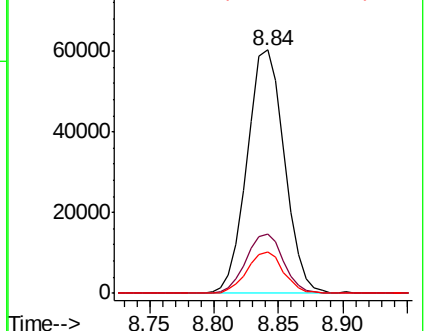
88 17.1 0.0 34.0



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: 41.522 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW011037.D

Acq: 28 Jun 2019 01:21

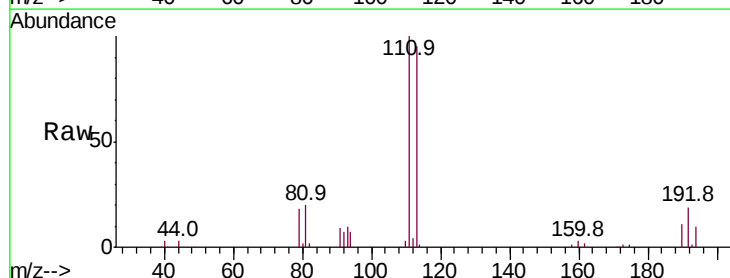
Tgt Ion:113 Resp: 30569

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

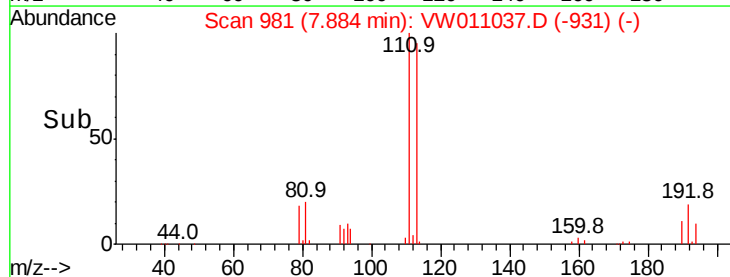
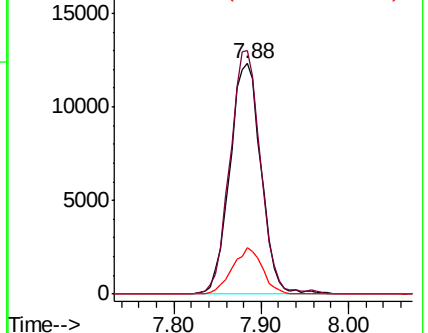
192 19.3 16.0 24.0

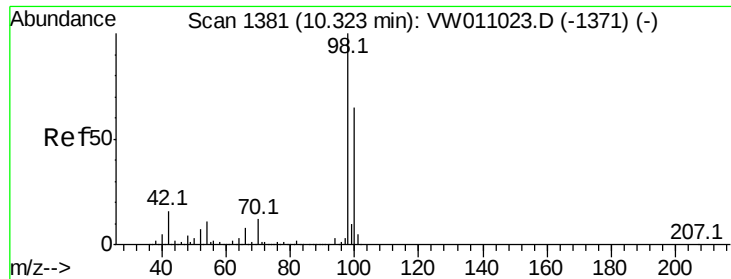


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

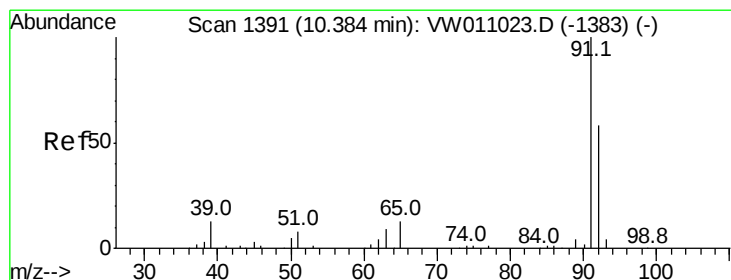
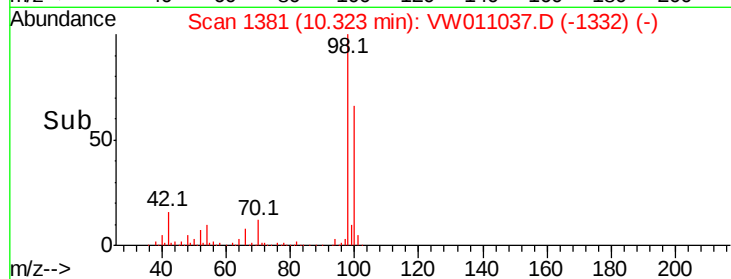
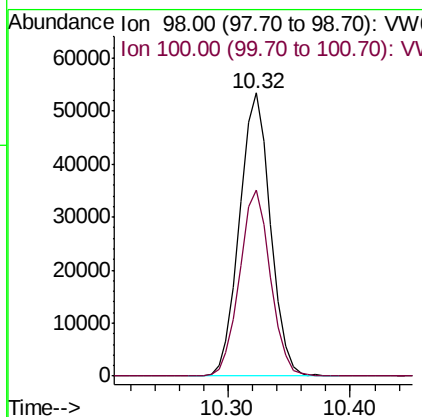
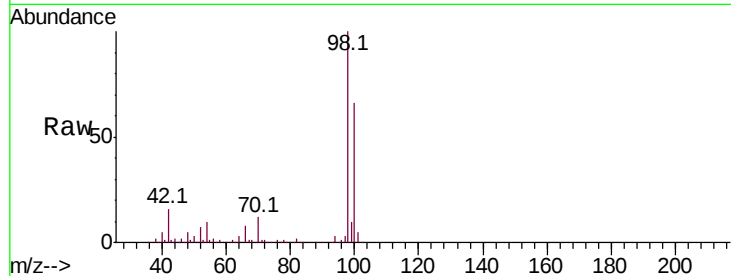




#50
Toluene-d8
Concen: 30.873 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011037.D
Acq: 28 Jun 2019 01:21

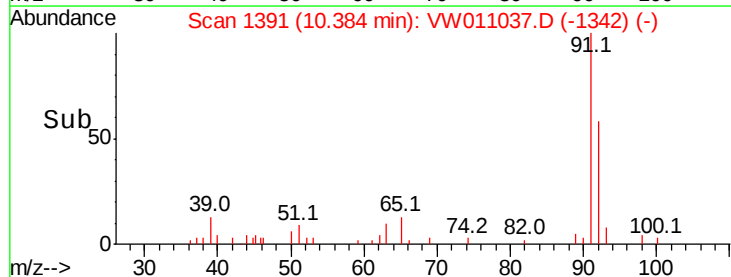
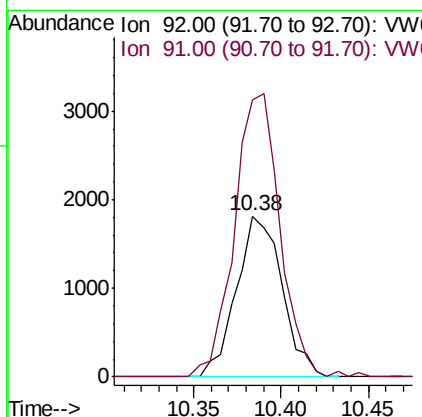
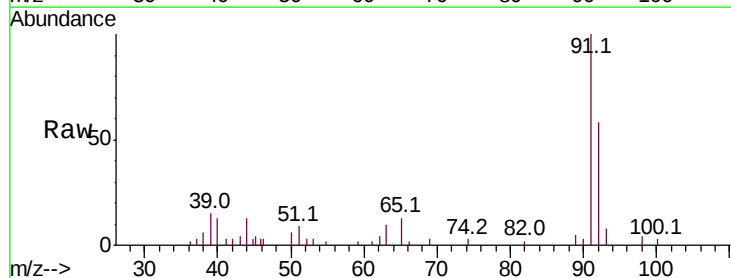
Instrument :
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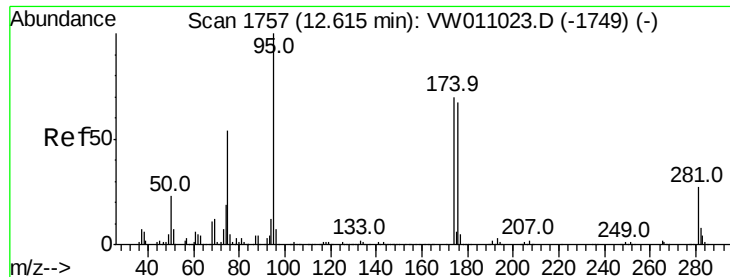
Tot Ion: 98 Resp: 93559
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#52
Toluene
Concen: 1.509 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW011037.D
Acq: 28 Jun 2019 01:21

Tgt Ion: 92 Resp: 3292
Ion Ratio Lower Upper
92 100
91 174.7 136.9 205.3





#62

4-Bromofluorobenzene

Concen: 29.106 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011037.D

Acq: 28 Jun 2019 01:21

Instrument :

MSVOA_W

ClientSampleId :

SA-06-062619-A

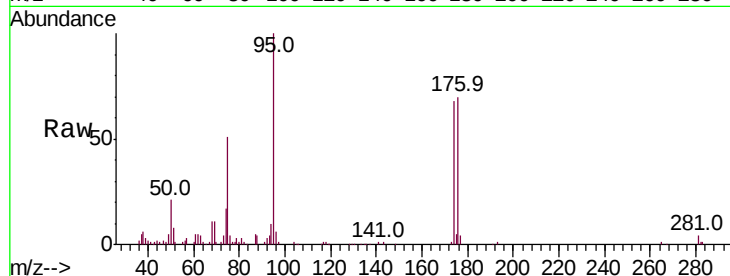
Tot Ion: 95 Resp: 32261

Ion Ratio Lower Upper

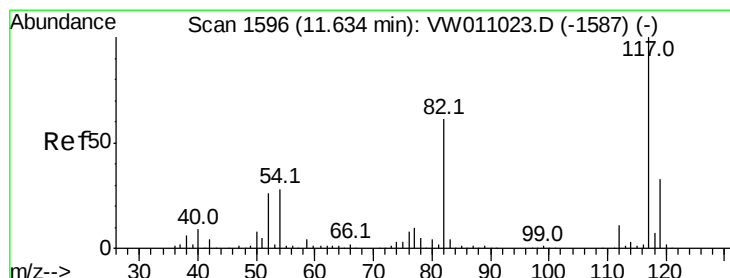
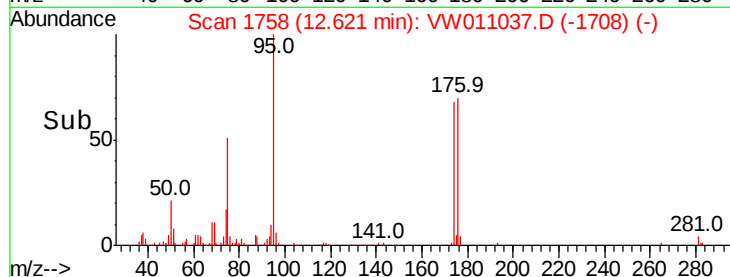
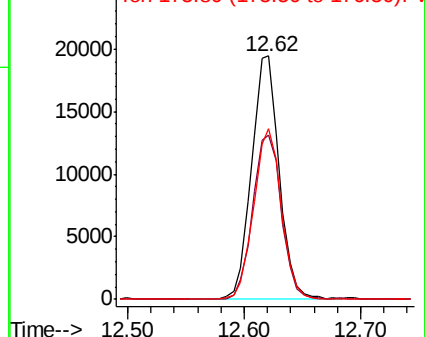
95 100

174 70.1 0.0 149.2

176 70.2 0.0 143.6



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# 1595

Delta R.T. -0.01 min

Lab File: VW011037.D

Acq: 28 Jun 2019 01:21

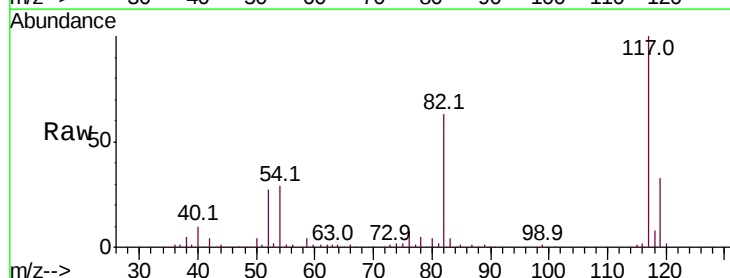
Tgt Ion: 117 Resp: 83332

Ion Ratio Lower Upper

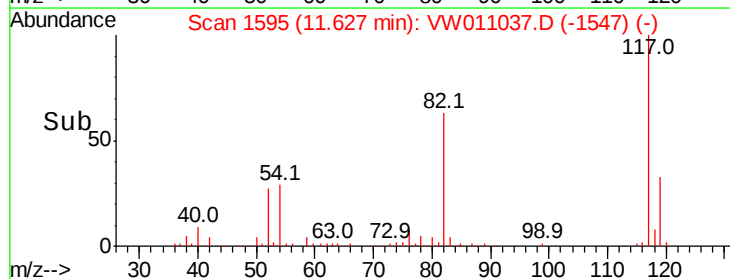
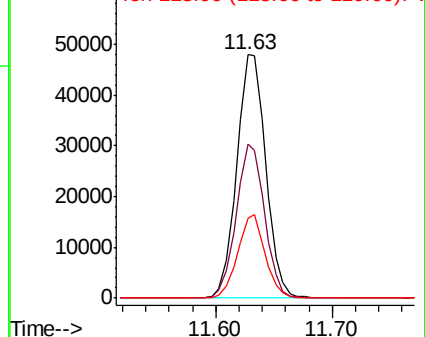
117 100

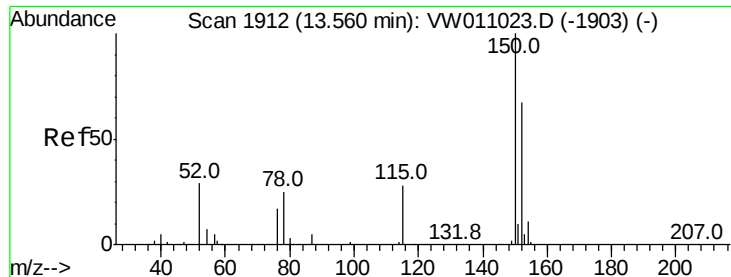
82 63.2 48.6 73.0

119 32.7 26.1 39.1



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: VW011037.D

Acq: 28 Jun 2019 01:21

Instrument :

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ClientSampleId :

SA-06-062619-A

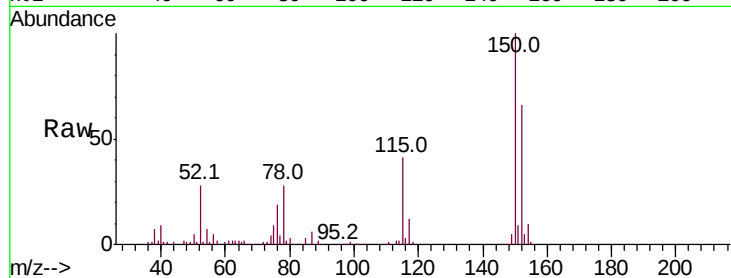
Tot Ion:152 Resp: 27983

Ion Ratio Lower Upper

152 100

115 63.1 30.7 92.1

150 158.7 0.0 341.8



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

