

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052419\
 Data File : VW010554.D
 Acq On : 24 May 2019 16:54
 Operator : SY/VA
 Sample : K3051-02
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1-A

Quant Time: May 25 02:16:05 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

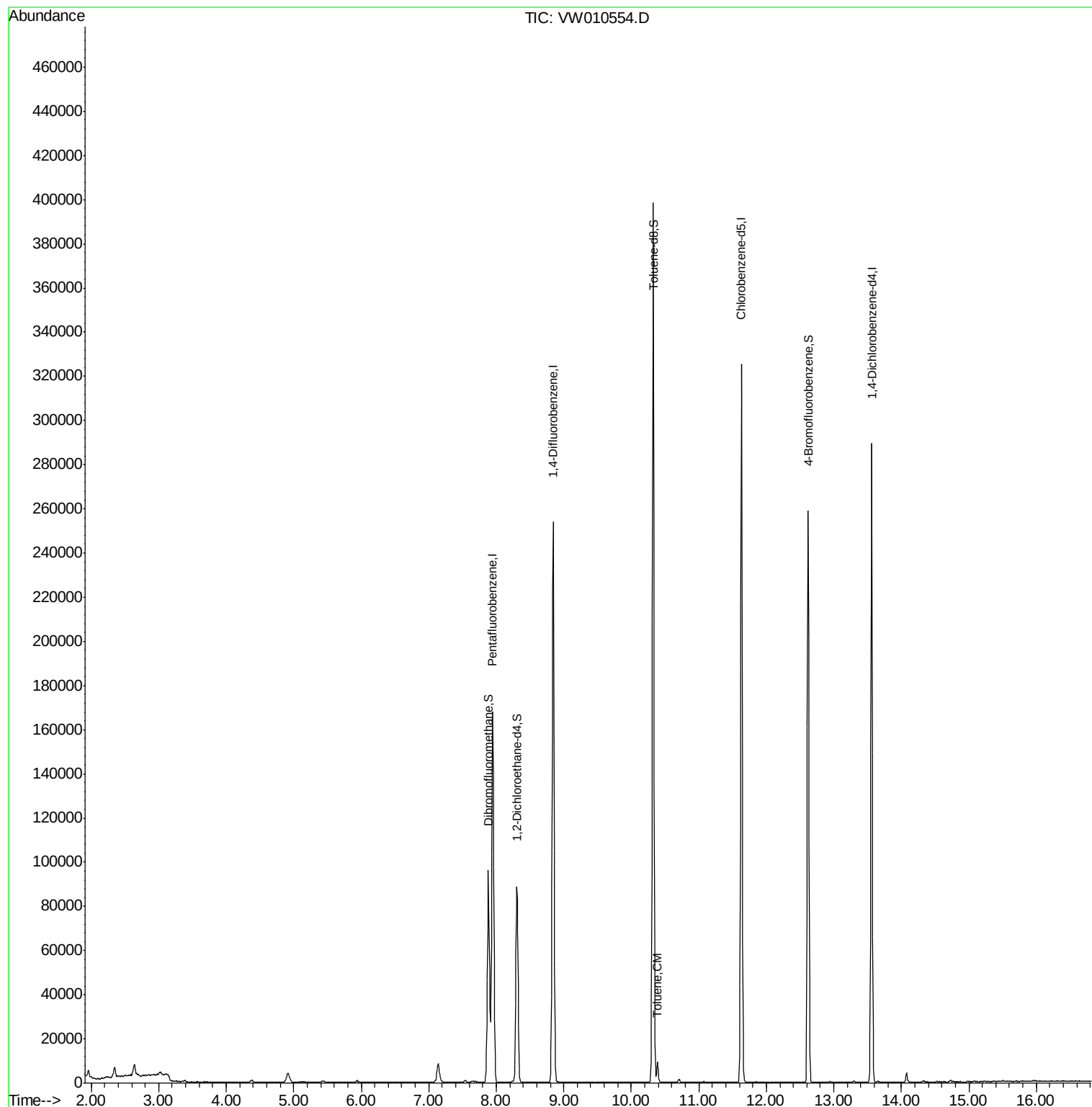
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	228569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	193043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	70060	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	7.88	113	68988	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
50) Toluene-d8	10.32	98	272770	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.62	95	96397	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
Target Compounds						
52) Toluene	10.39	92	3989	1.004	ug/l	99

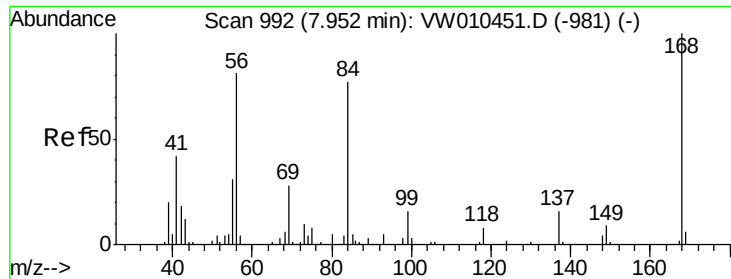
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052419\
Data File : VW010554.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010554.D

Acq: 24 May 2019 16:54

Instrument :

MSVOA_W

ClientSampleId :

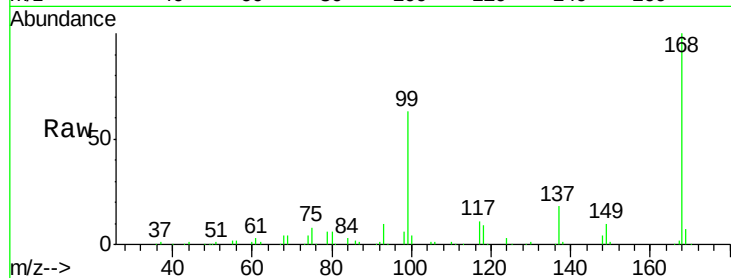
SP-1-A

Tot Ion:168 Resp: 124541

Ion Ratio Lower Upper

168 100

99 62.9 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

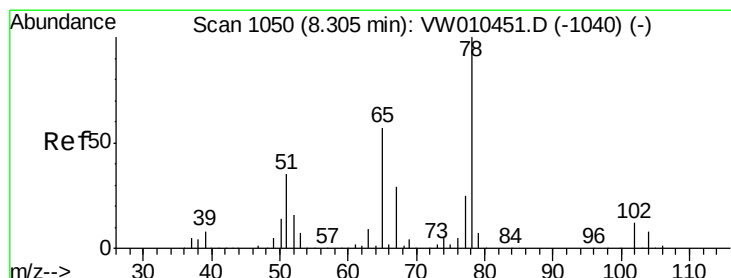
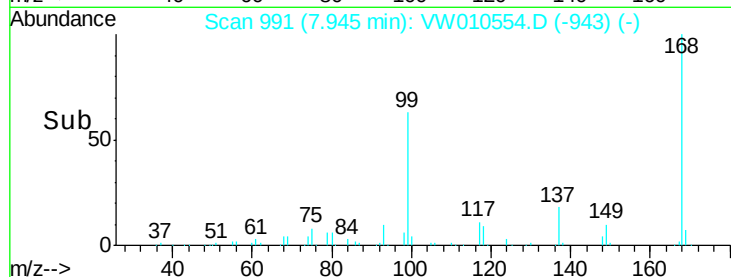
20000

10000

0

Time-->

7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 54.501 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010554.D

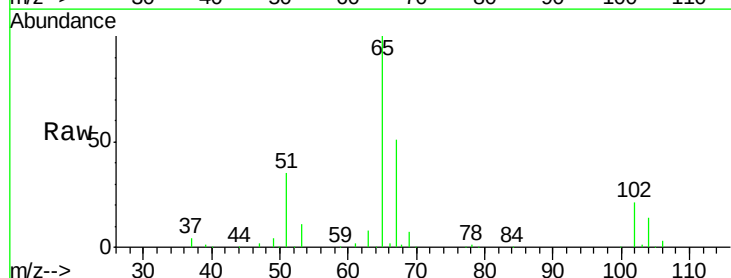
Acq: 24 May 2019 16:54

Tgt Ion: 65 Resp: 70060

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

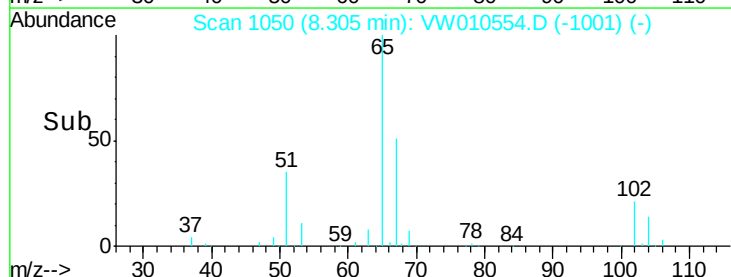
20000

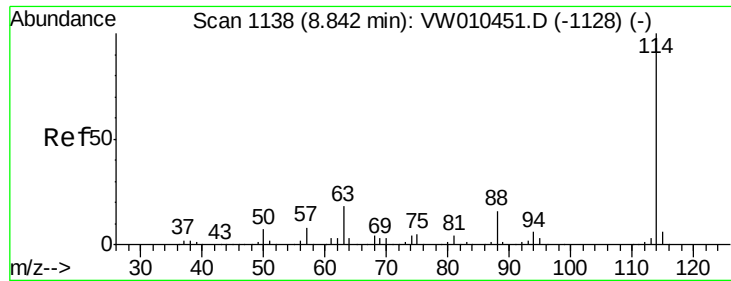
10000

0

Time-->

8.20 8.25 8.30 8.35 8.40

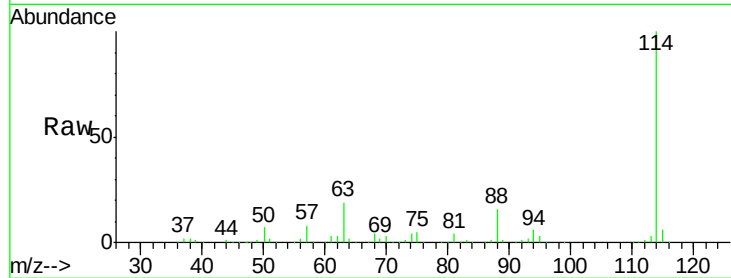




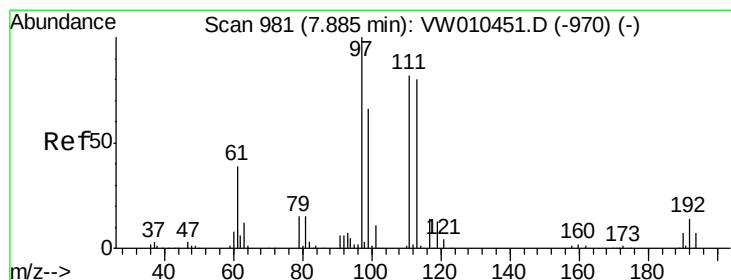
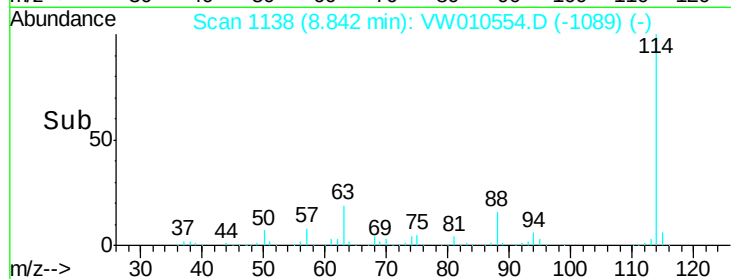
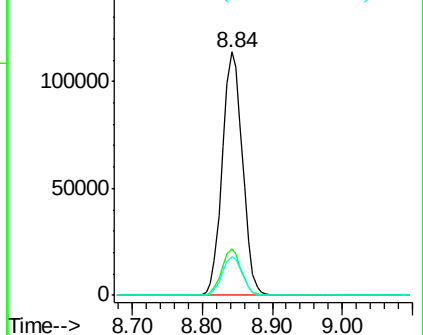
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010554.D
Acq: 24 May 2019 16:54

Instrument :
MSVOA_W
ClientSampleId :
SP-1-A

Tot Ion:114 Resp: 228569
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.0
88 15.8 0.0 32.0

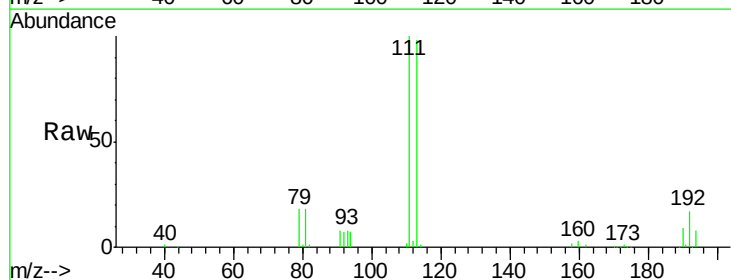


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

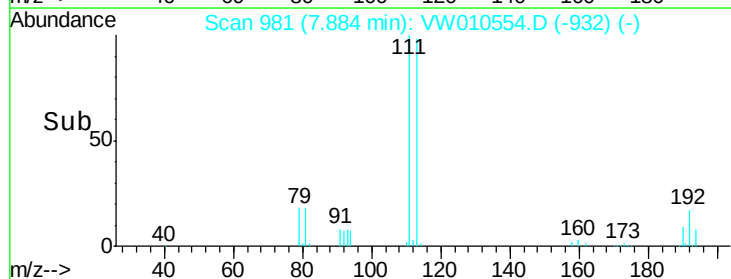
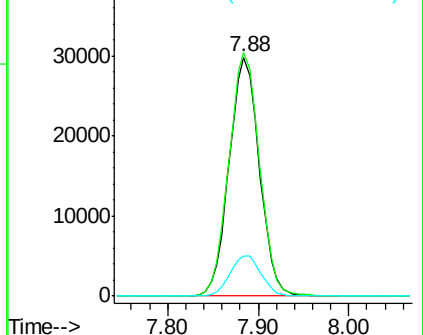


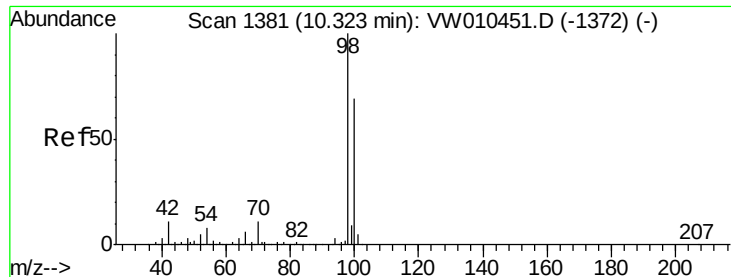
#35
Dibromofluoromethane
Concen: 49.742 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010554.D
Acq: 24 May 2019 16:54

Tgt Ion:113 Resp: 68988
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 17.3 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: 51.482 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010554.D

Acq: 24 May 2019 16:54

Instrument :

MSVOA_W

ClientSampleId :

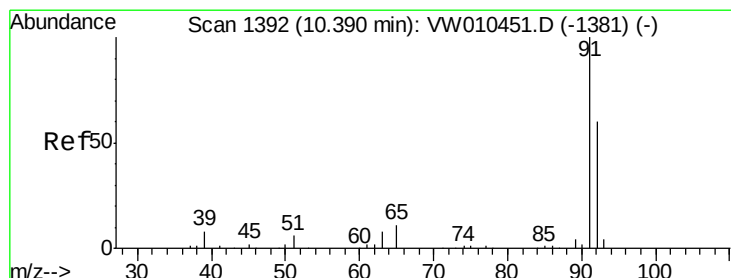
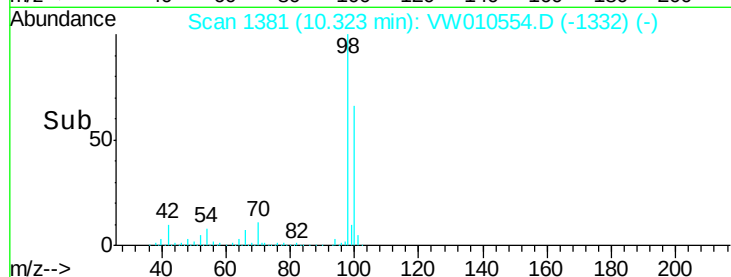
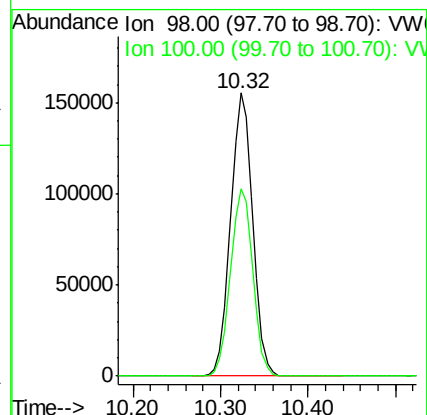
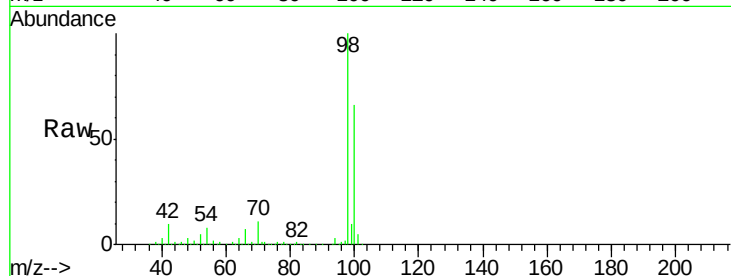
SP-1-A

Tot Ion: 98 Resp: 272770

Ion Ratio Lower Upper

98 100

100 66.9 53.7 80.5



#52

Toluene

Concen: 1.004 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010554.D

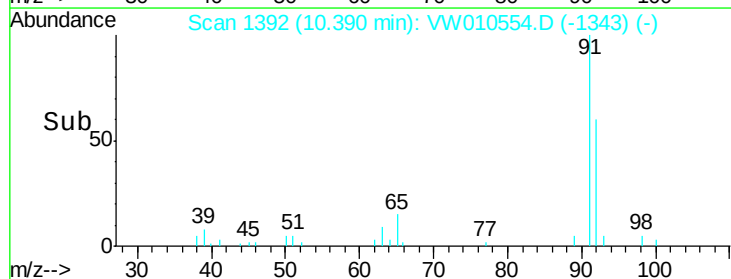
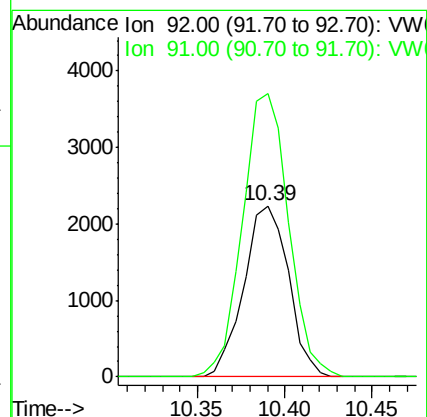
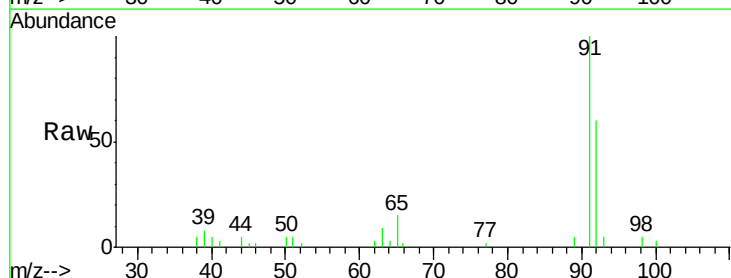
Acq: 24 May 2019 16:54

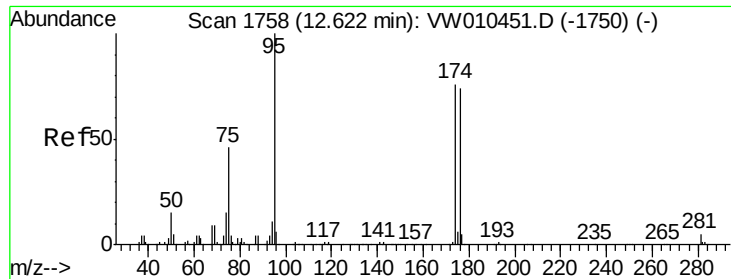
Tgt Ion: 92 Resp: 3989

Ion Ratio Lower Upper

92 100

91 170.0 135.4 203.0

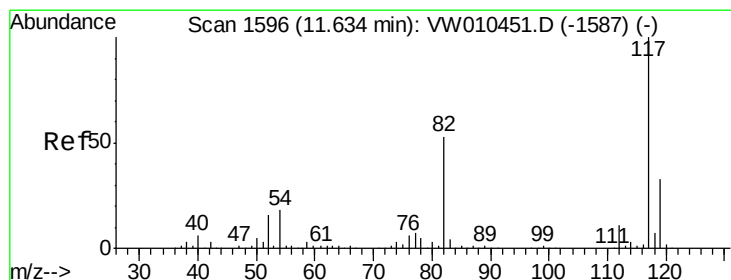
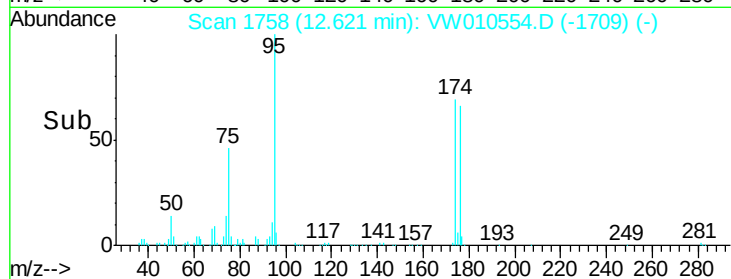
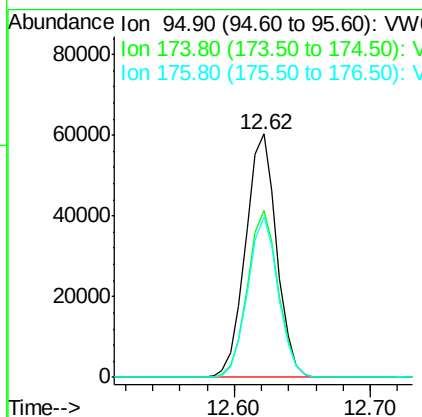
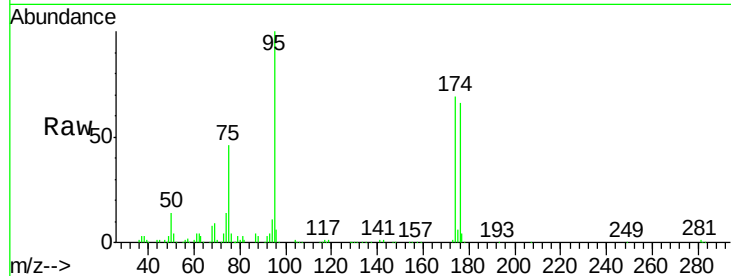




#62
4-Bromofluorobenzene
Concen: 45.677 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010554.D
Acq: 24 May 2019 16:54

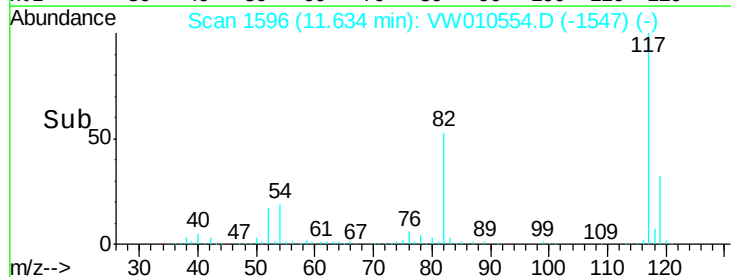
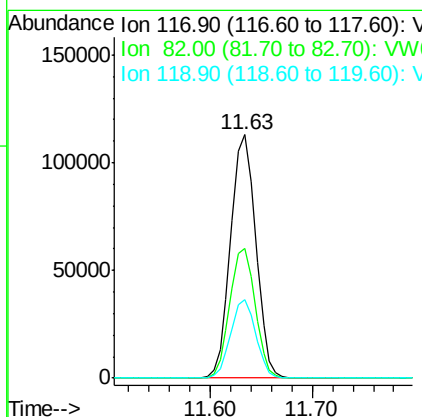
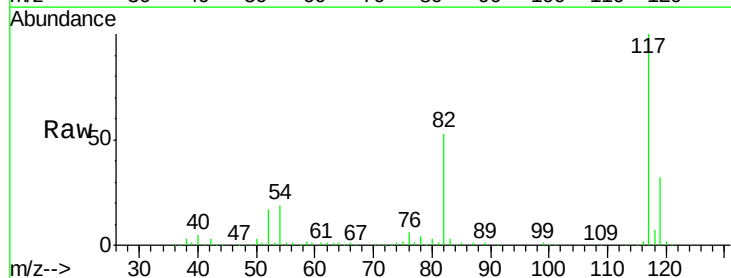
Instrument :
MSVOA_W
ClientSampleId :
SP-1-A

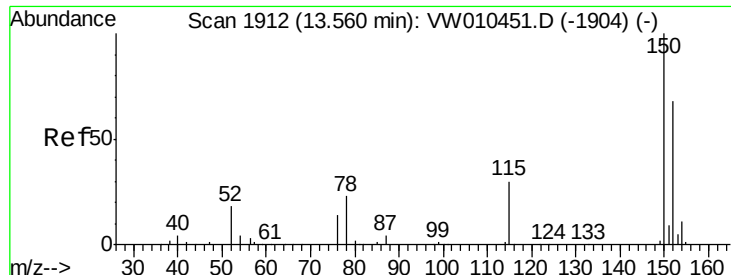
Tot Ion	95	Resp	96397
Ion Ratio	Lower	Upper	
95	100		
174	68.0	0.0	148.6
176	65.1	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010554.D
Acq: 24 May 2019 16:54

Tgt Ion	117	Resp	193043
Ion Ratio	Lower	Upper	
117	100		
82	53.3	42.8	64.2
119	32.3	26.3	39.5

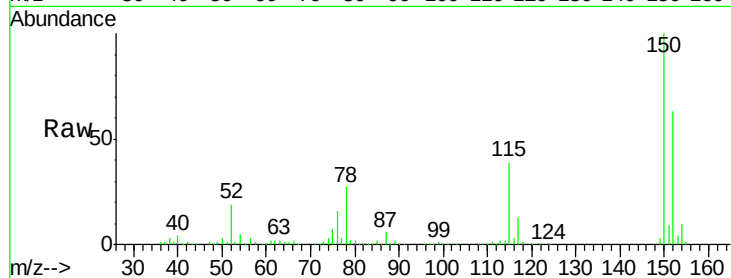




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW010554.D
 Acq: 24 May 2019 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.4	30.3	91.0
150	155.9	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

