

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092418\
 Data File : VW005591.D
 Acq On : 24 Sep 2018 17:56
 Operator : VA/AP
 Sample : J4770-09
 Misc : 6.16G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-E

Quant Time: Sep 25 07:19:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

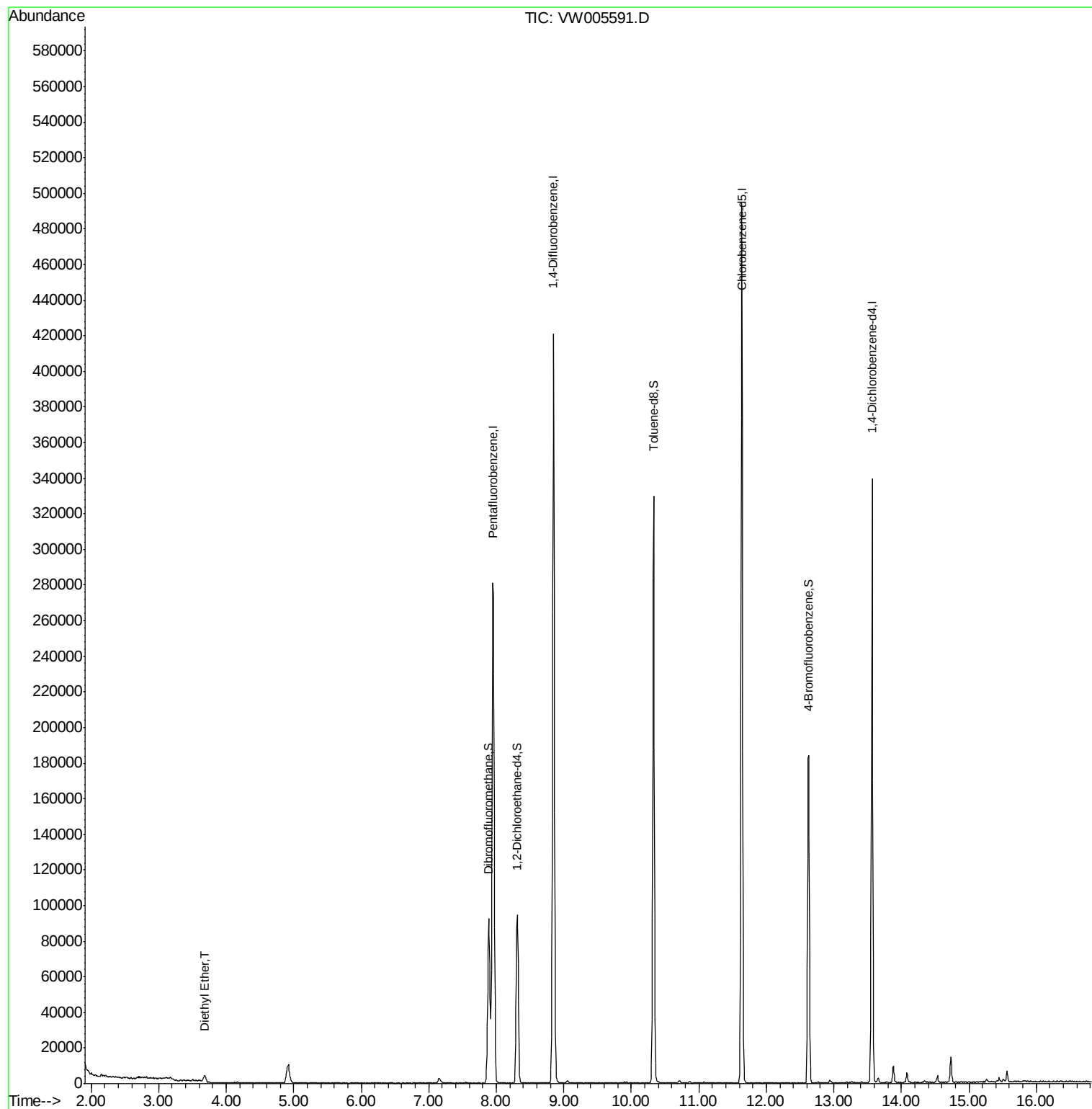
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	212367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	336540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	89094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81734	32.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.34%	
35) Dibromofluoromethane	7.89	113	65182	30.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.60%	
50) Toluene-d8	10.33	98	212498	24.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.32%	
62) 4-Bromofluorobenzene	12.63	95	59017	18.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	37.02%	
Target Compounds						
8) Diethyl Ether	3.68	74	2284	2.191	ug/l	Qvalue 96

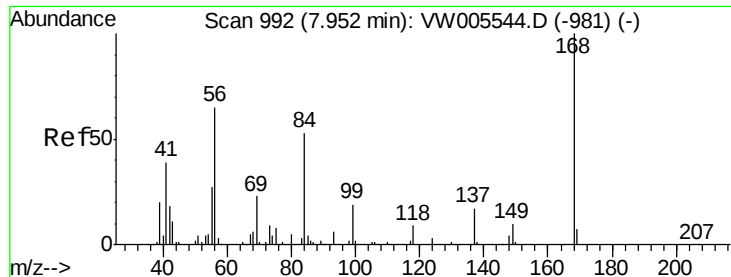
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092418\
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QLast Update : Fri Sep 21 09:05:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW005591.D

Acq: 24 Sep 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

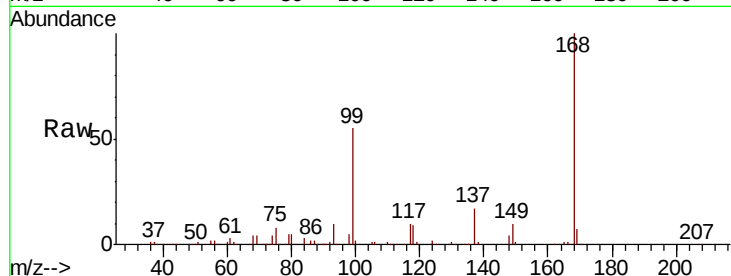
JC-02-092118-E

Tot Ion:168 Resp: 212367

Ion Ratio Lower Upper

168 100

99 55.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

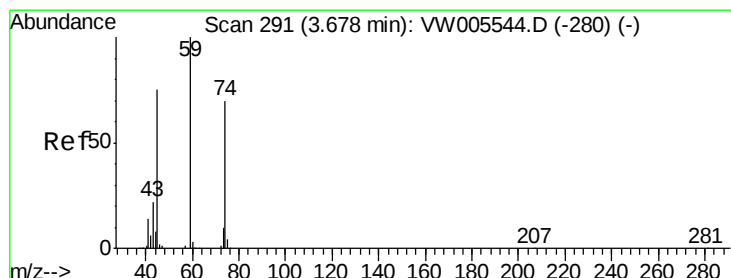
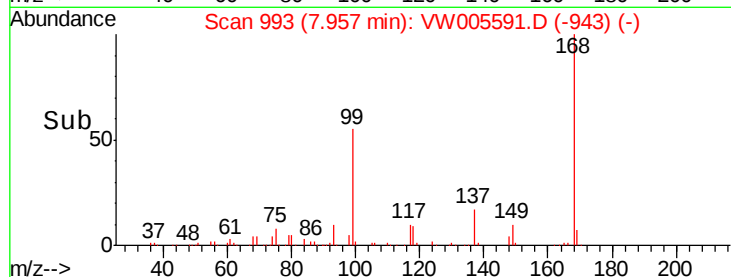
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.191 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW005591.D

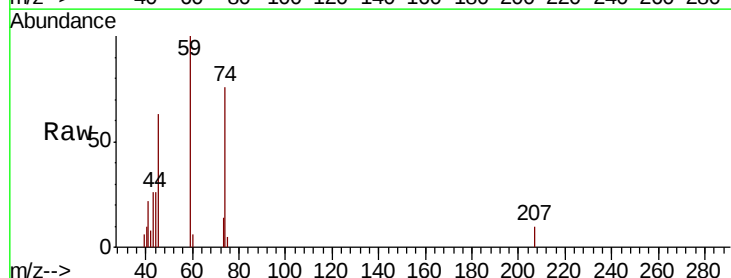
Acq: 24 Sep 2018 17:56

Tgt Ion: 74 Resp: 2284

Ion Ratio Lower Upper

74 100

45 99.6 51.7 155.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

1000

800

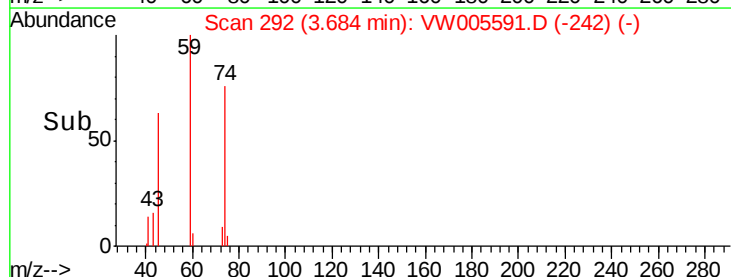
600

400

200

0

Time-->

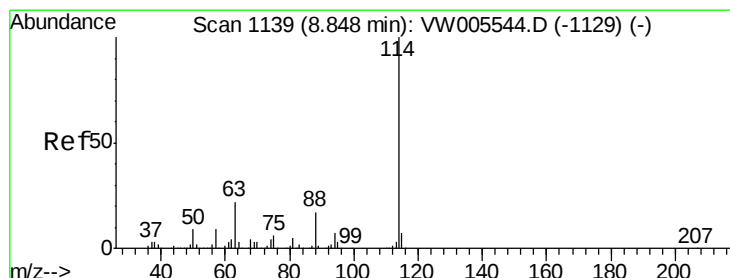
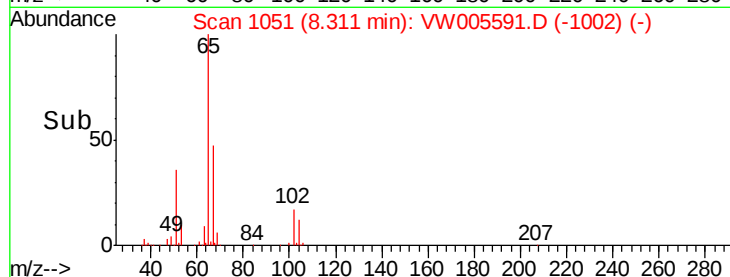
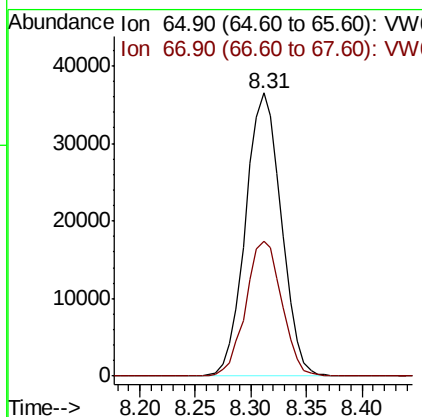
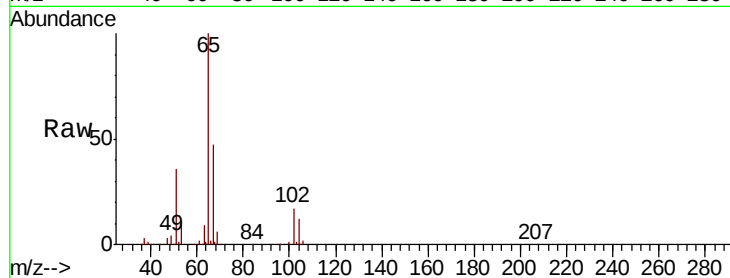




#33
 1,2-Dichloroethane-d4
 Concen: 32.670 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

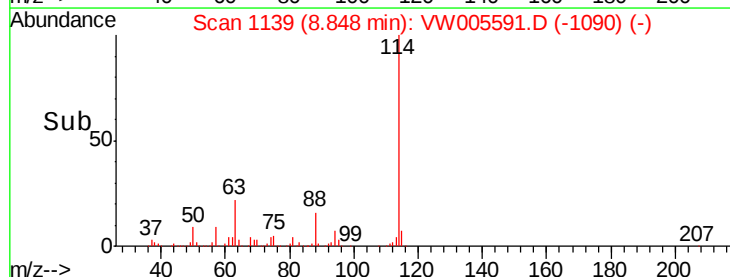
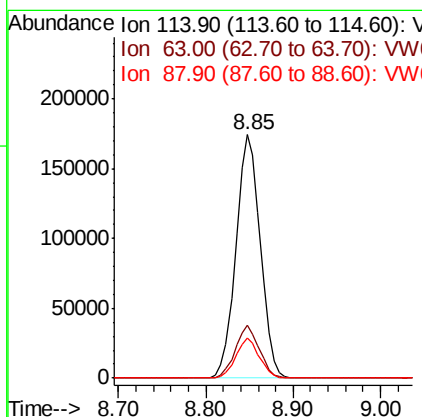
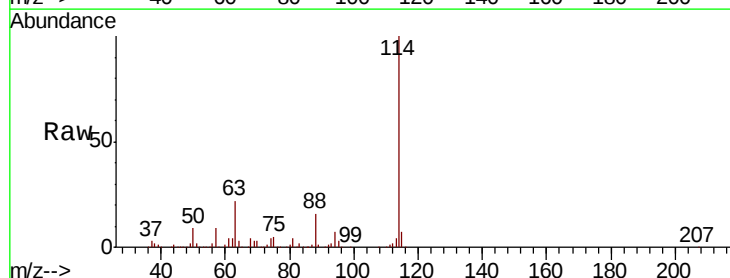
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-E

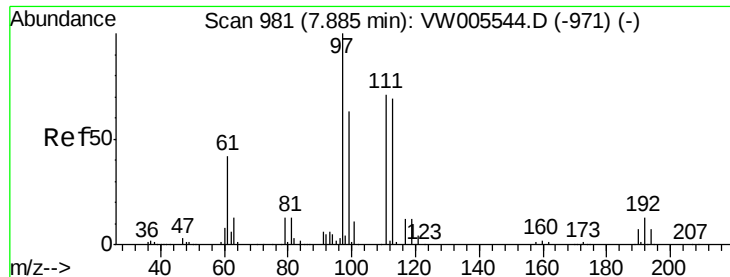
Tot Ion: 65 Resp: 81734
 Ion Ratio Lower Upper
 65 100
 67 47.9 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Tgt Ion: 114 Resp: 336540
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.0
 88 16.2 0.0 33.0

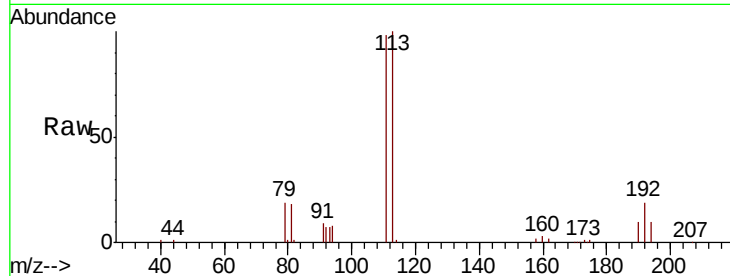




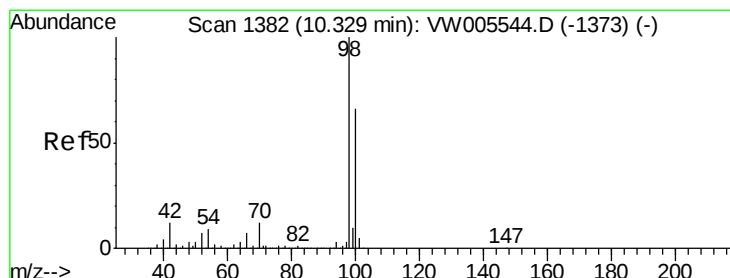
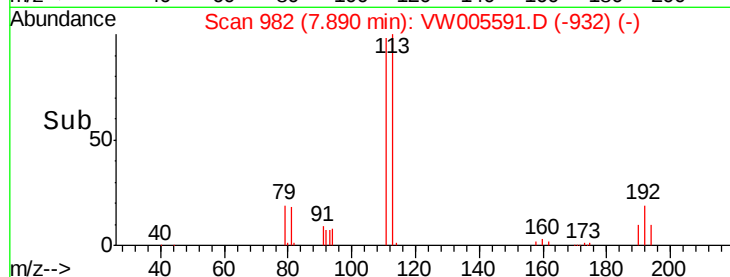
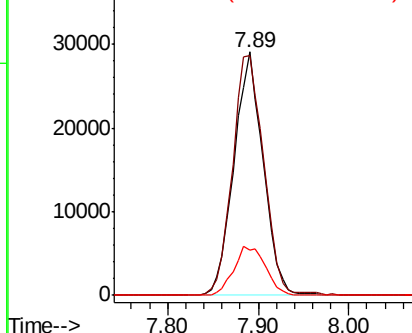
#35
 Dibromofluoromethane
 Concen: 30.799 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-02-092118-E

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.6	123.8
192	21.5	17.0	25.4

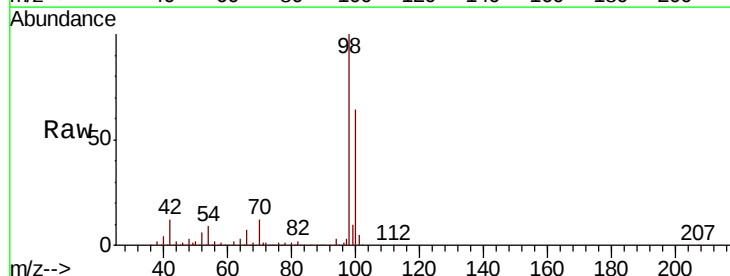


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

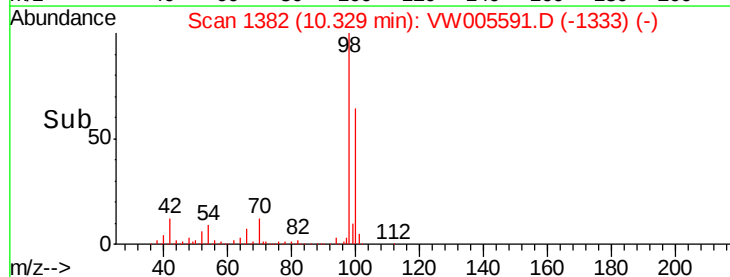
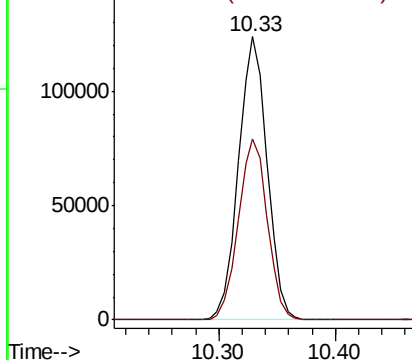


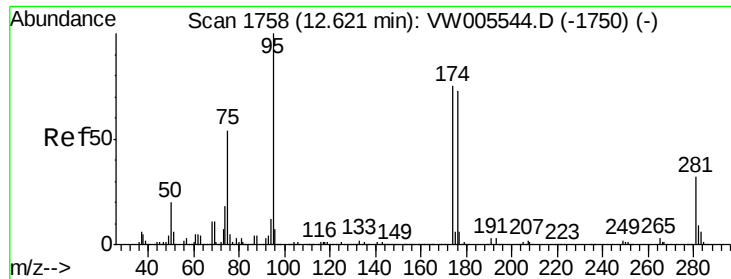
#50
 Toluene-d8
 Concen: 24.659 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: VW005591.D
 Acq: 24 Sep 2018 17:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V

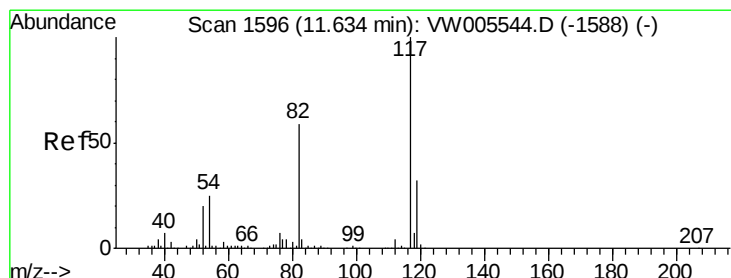
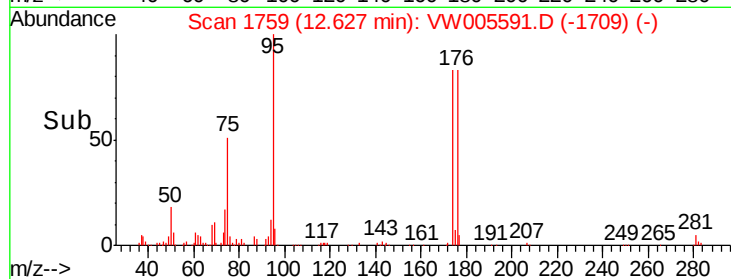
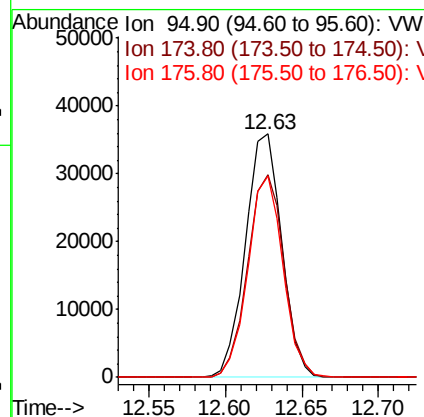
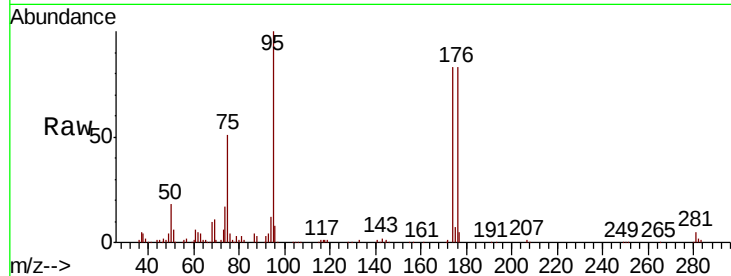




#62
4-Bromofluorobenzene
Concen: 18.508 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005591.D
Acq: 24 Sep 2018 17:56

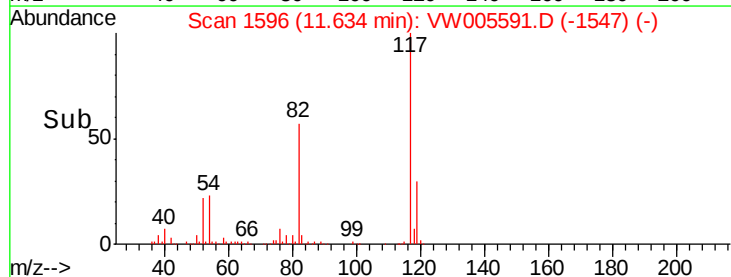
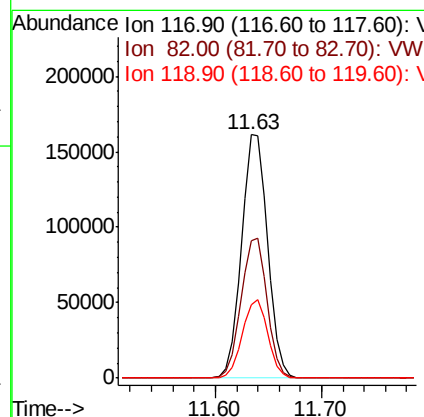
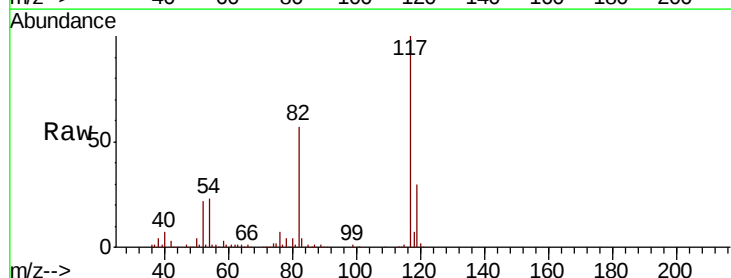
Instrument :
MSVOA_W
ClientSampleId :
JC-02-092118-E

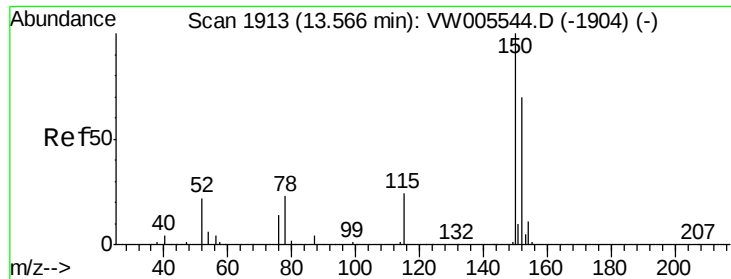
Tot Ion	95	Resp	59017
Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	163.8
176	80.2	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005591.D
Acq: 24 Sep 2018 17:56

Tgt Ion	117	Resp	277642
Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.9	70.3
119	30.4	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005591.D

Acq: 24 Sep 2018 17:56

Instrument :

MSVOA_W

ClientSampleId :

JC-02-092118-E

Tot Ion:152 Resp: 89094

Ion Ratio Lower Upper

152 100

115 56.1 30.0 90.0

150 156.8 0.0 348.6

