

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005298.D
 Acq On : 12 Sep 2018 02:57
 Operator : SY/AP
 Sample : J4777-01
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-A

Quant Time: Sep 12 07:08:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	410286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	686151	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	518033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	192081	62.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.54%	
35) Dibromofluoromethane	7.89	113	166834	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	
50) Toluene-d8	10.33	98	530216	29.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.38%	
62) 4-Bromofluorobenzene	12.63	95	160972	24.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	48.46%	

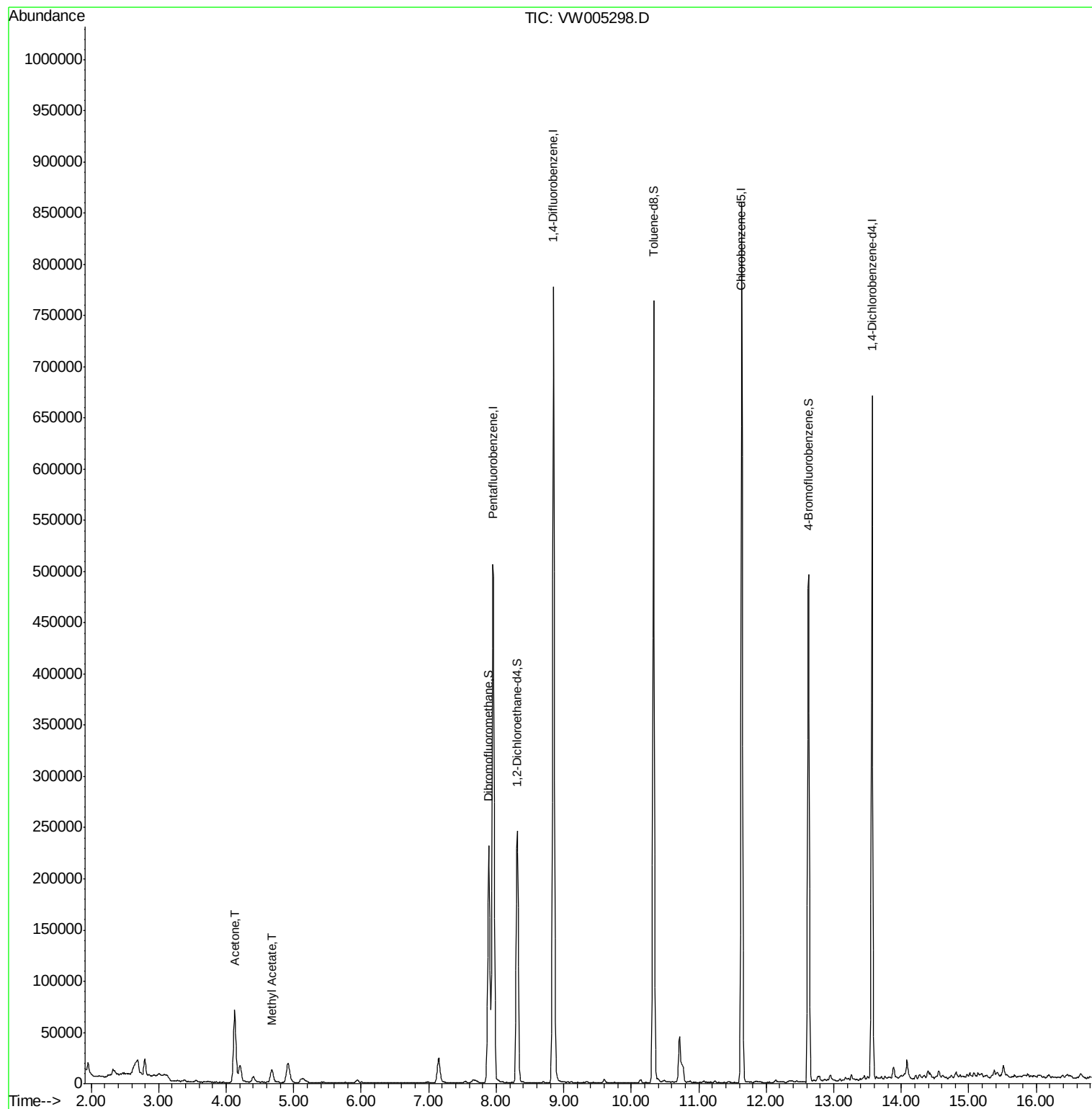
Target Compounds						Qvalue
16) Acetone	4.13	43	120108	211.45	ug/l	94
18) Methyl Acetate	4.67	43	24809	14.63	ug/l	95

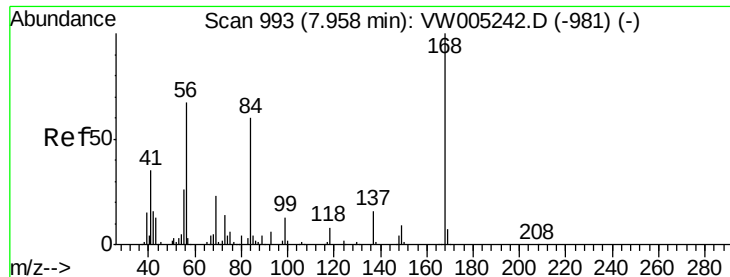
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW005298.D

Acq: 12 Sep 2018 02:57

Instrument :

MSVOA_W

ClientSampleId :

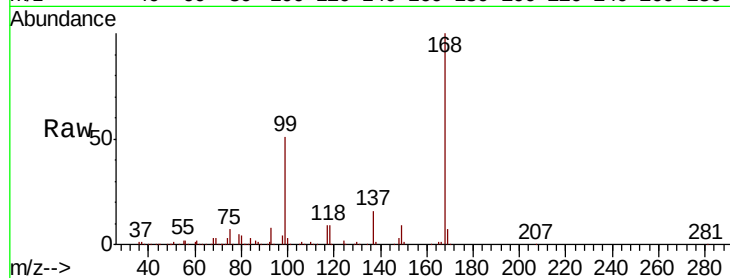
PL-05-090718-A

Tot Ion:168 Resp: 410286

Ion Ratio Lower Upper

168 100

99 51.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

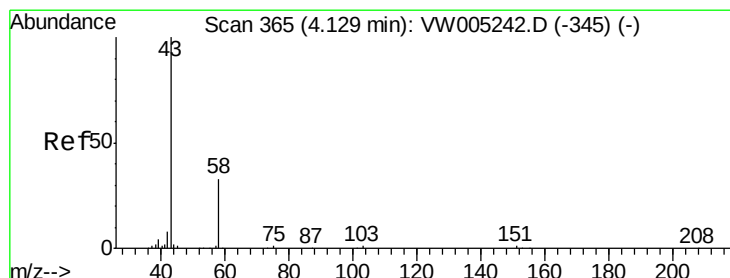
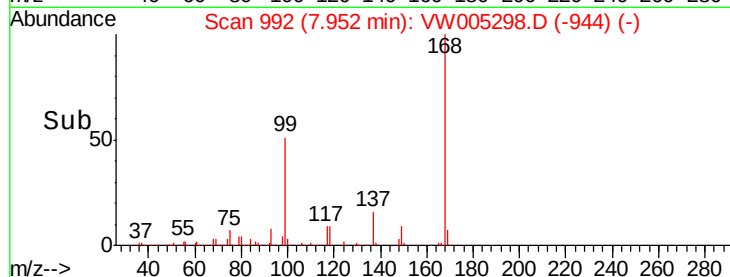
100000

50000

0

Time-->

7.80 7.90 8.00 8.10 8.20



#16

Acetone

Concen: 211.45 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW005298.D

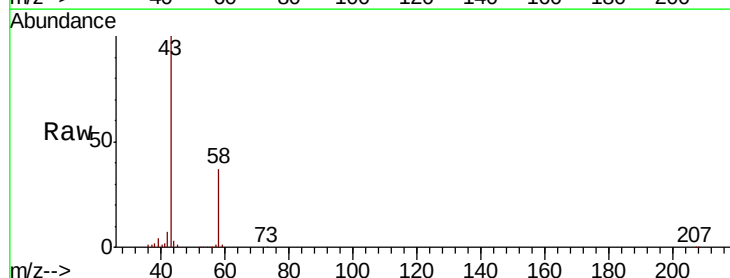
Acq: 12 Sep 2018 02:57

Tgt Ion: 43 Resp: 120108

Ion Ratio Lower Upper

43 100

58 36.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

50000

40000

30000

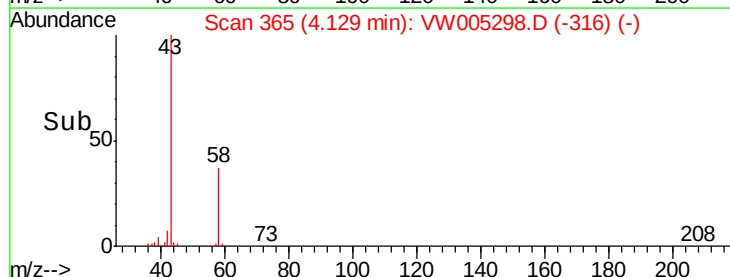
20000

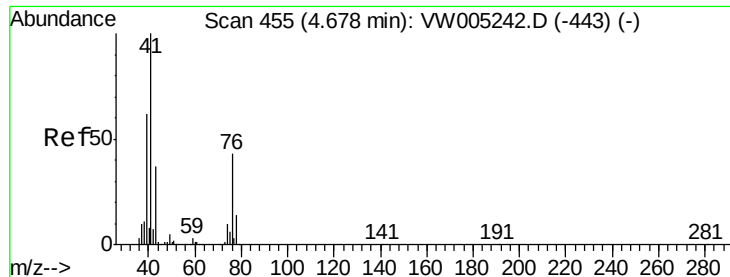
10000

0

Time-->

4.00 4.10 4.20

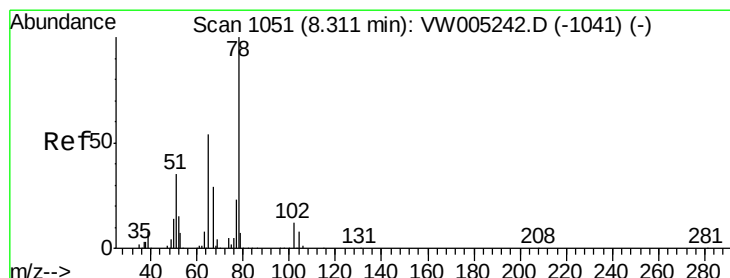
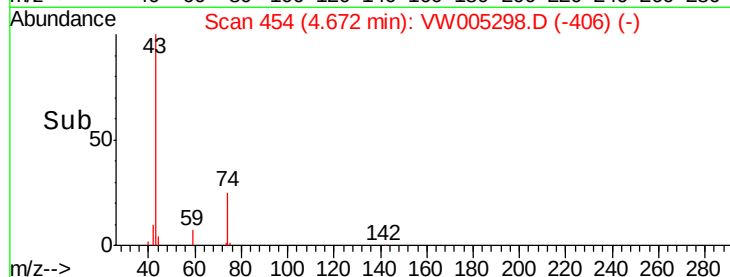
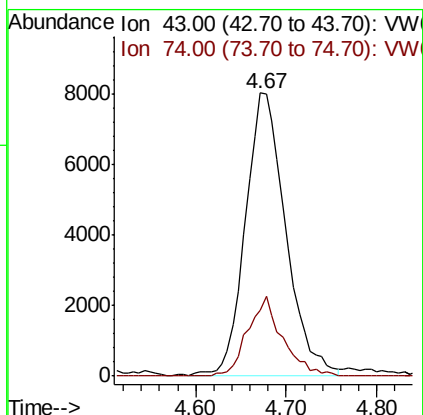
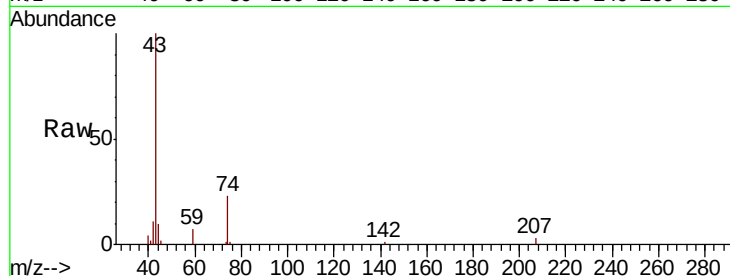




#18
Methvl Acetate
Concen: 14.63 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW005298.D
Acq: 12 Sep 2018 02:57

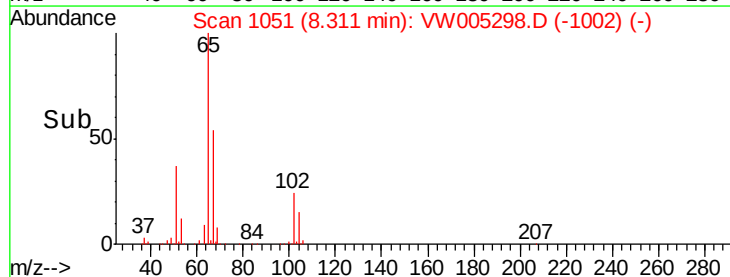
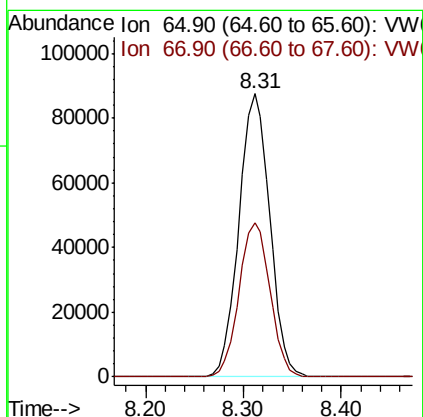
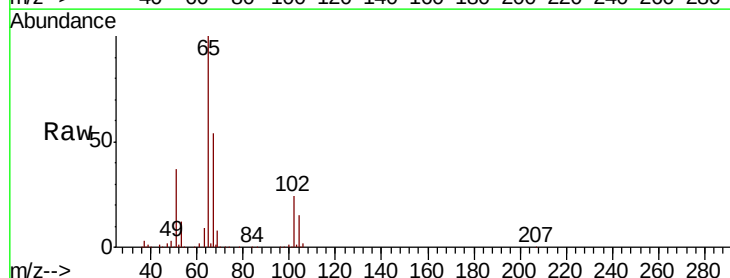
Instrument :
MSVOA_W
ClientSampleId :
PL-05-090718-A

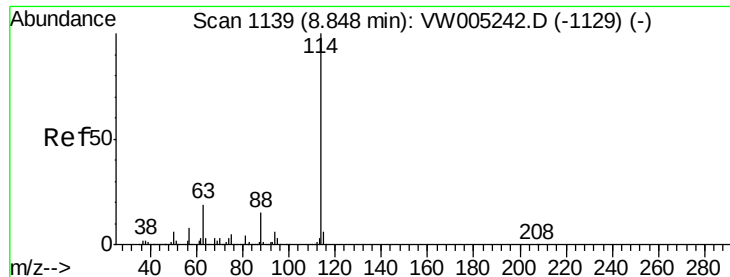
Tot Ion: 43 Resp: 24809
Ion Ratio Lower Upper
43 100
74 24.2 21.4 32.2



#33
1,2-Dichloroethane-d4
Concen: 62.77 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005298.D
Acq: 12 Sep 2018 02:57

Tgt Ion: 65 Resp: 192081
Ion Ratio Lower Upper
65 100
67 54.9 0.0 112.2

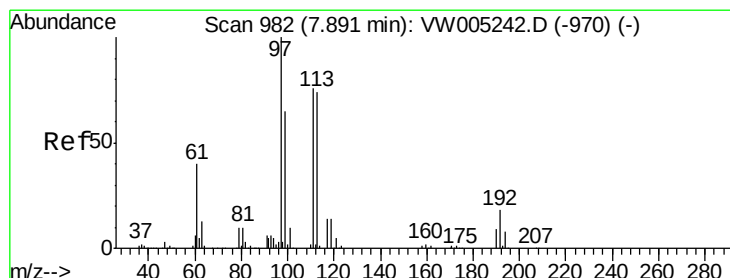
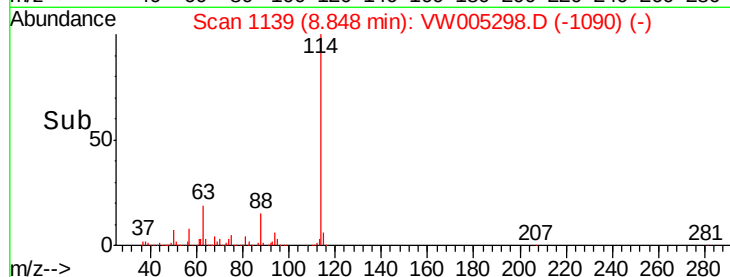
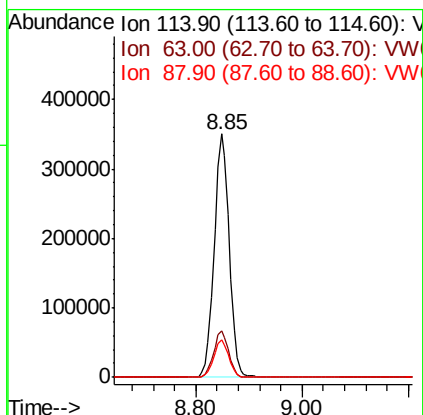
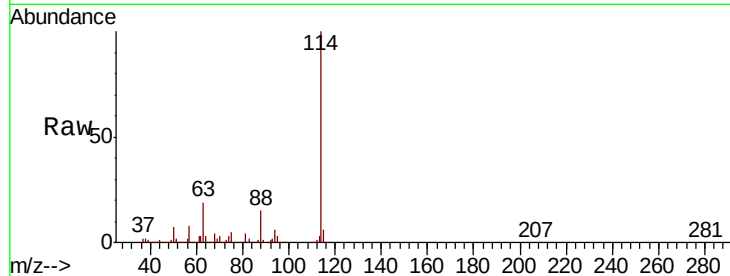




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005298.D
 Acq: 12 Sep 2018 02:57

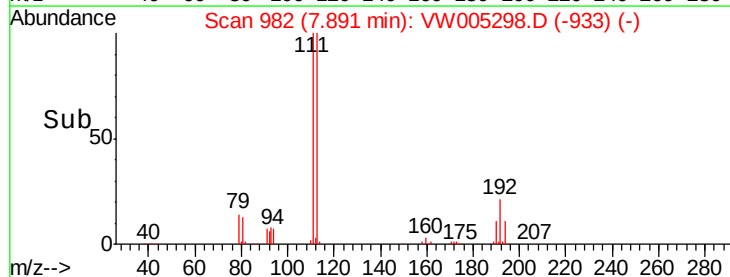
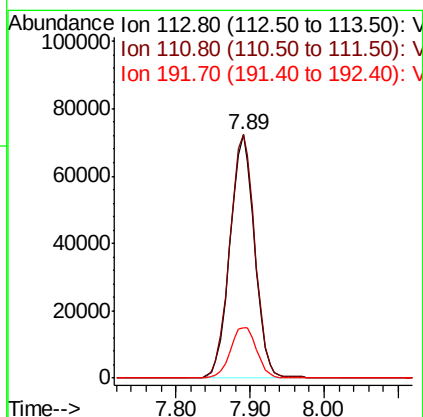
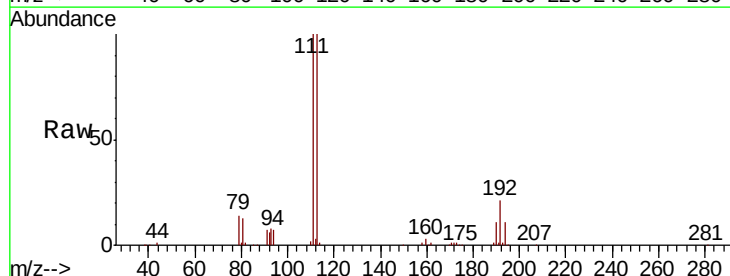
Instrument :
 MSVOA_W
 ClientSampleId :
 PL-05-090718-A

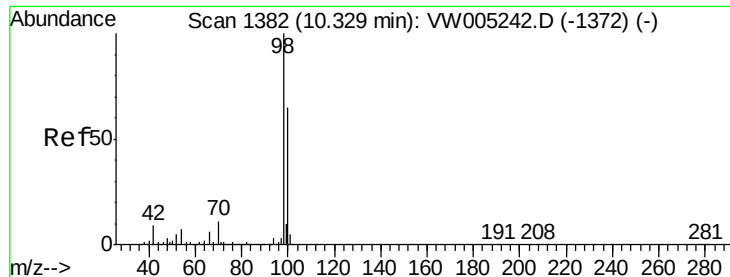
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	37.0
88	15.5	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 46.42 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005298.D
 Acq: 12 Sep 2018 02:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.6	121.0
192	22.3	18.3	27.5





#50

Toluene-d8

Concen: 29.19 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005298.D

Acq: 12 Sep 2018 02:57

Instrument :

MSVOA_W

ClientSampleId :

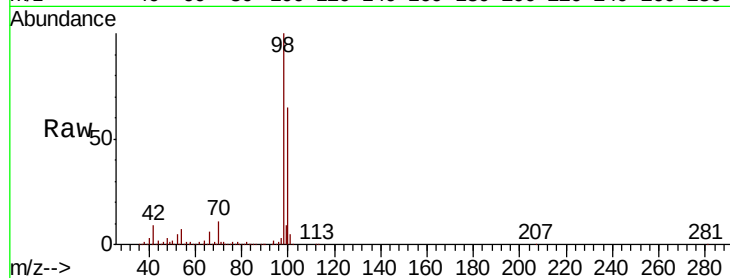
PL-05-090718-A

Tot Ion: 98 Resp: 530216

Ion Ratio Lower Upper

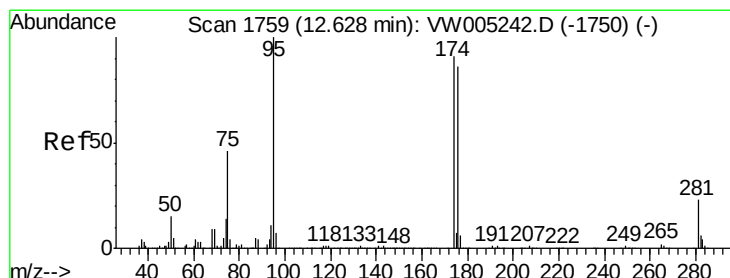
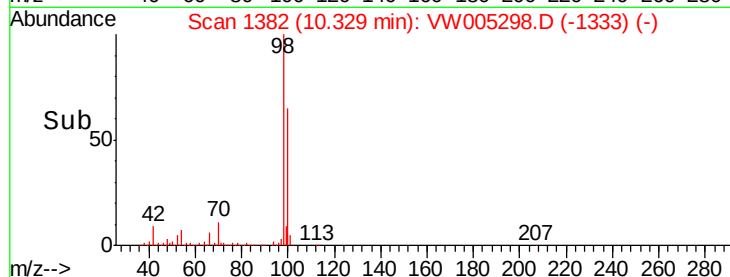
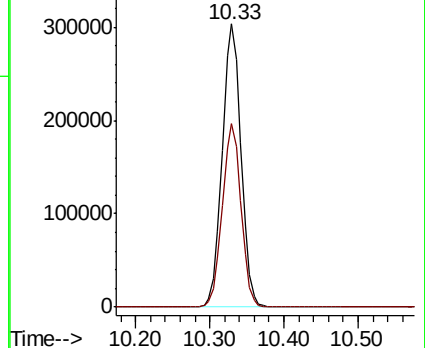
98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 24.23 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.00 min

Lab File: VW005298.D

Acq: 12 Sep 2018 02:57

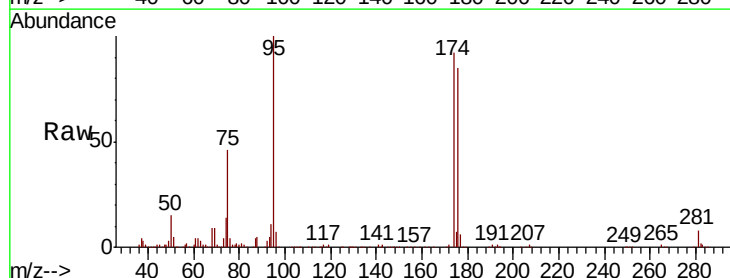
Tgt Ion: 95 Resp: 160972

Ion Ratio Lower Upper

95 100

174 88.4 0.0 174.6

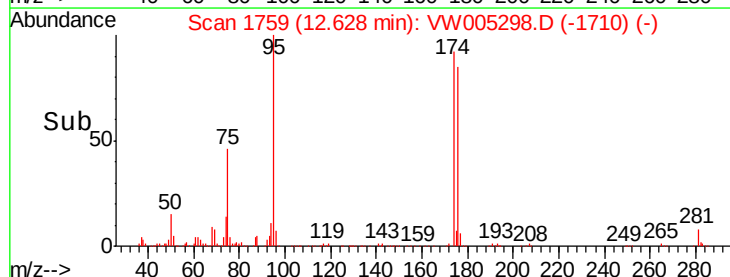
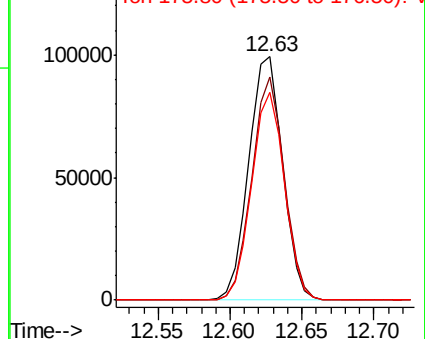
176 83.2 0.0 167.6

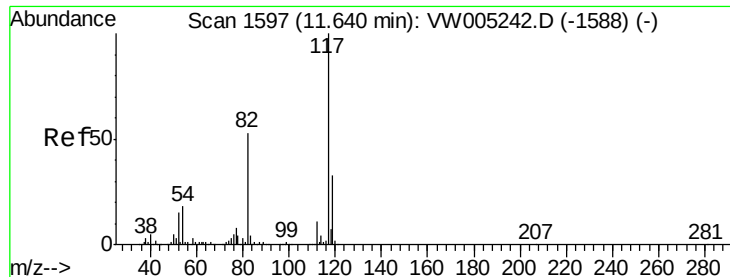


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005298.D

Acq: 12 Sep 2018 02:57

Instrument :

MSVOA_W

ClientSampleId :

PL-05-090718-A

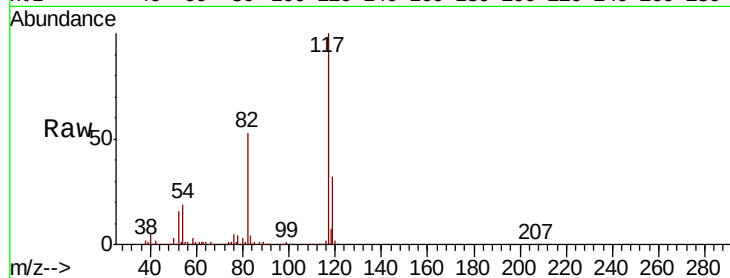
Tot Ion:117 Resp: 518033

Ion Ratio Lower Upper

117 100

82 52.7 42.6 63.8

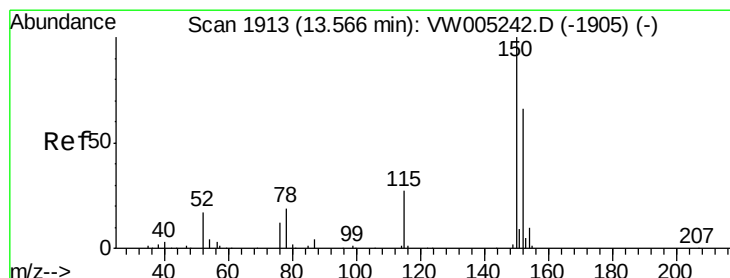
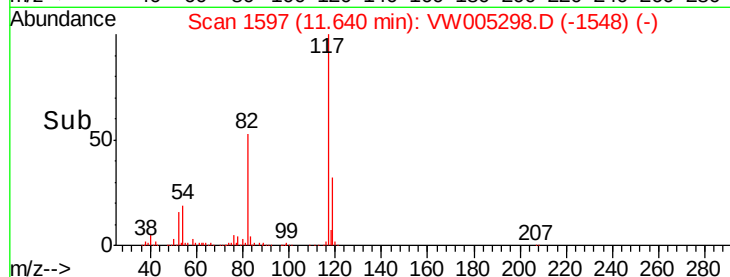
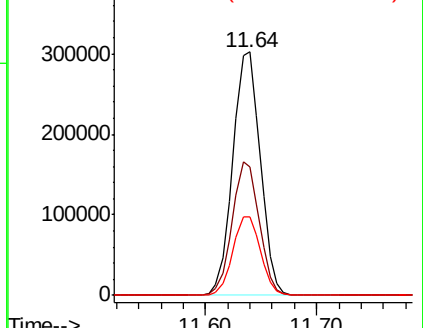
119 32.1 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005298.D

Acq: 12 Sep 2018 02:57

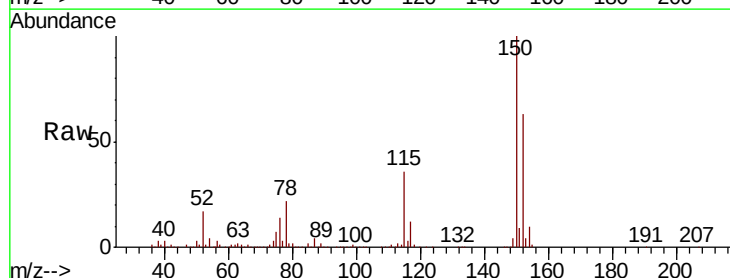
Tgt Ion:152 Resp: 183536

Ion Ratio Lower Upper

152 100

115 56.7 27.5 82.4

150 156.2 0.0 347.4



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

