

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004773.D
 Acq On : 18 Aug 2018 10:48
 Operator : SY/AP
 Sample : J4521-13
 Misc : 5.42G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-12003

Quant Time: Aug 20 01:59:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	399597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	650574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	501468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147951	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	229512	59.41	ug/l	0.00
Spiked Amount			Recovery	=	118.82%	
35) Dibromofluoromethane	7.89	113	224548	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
50) Toluene-d8	10.33	98	588807	36.28	ug/l	0.00
Spiked Amount			Recovery	=	72.56%	
62) 4-Bromofluorobenzene	12.63	95	164326	28.14	ug/l	0.00
Spiked Amount			Recovery	=	56.28%	

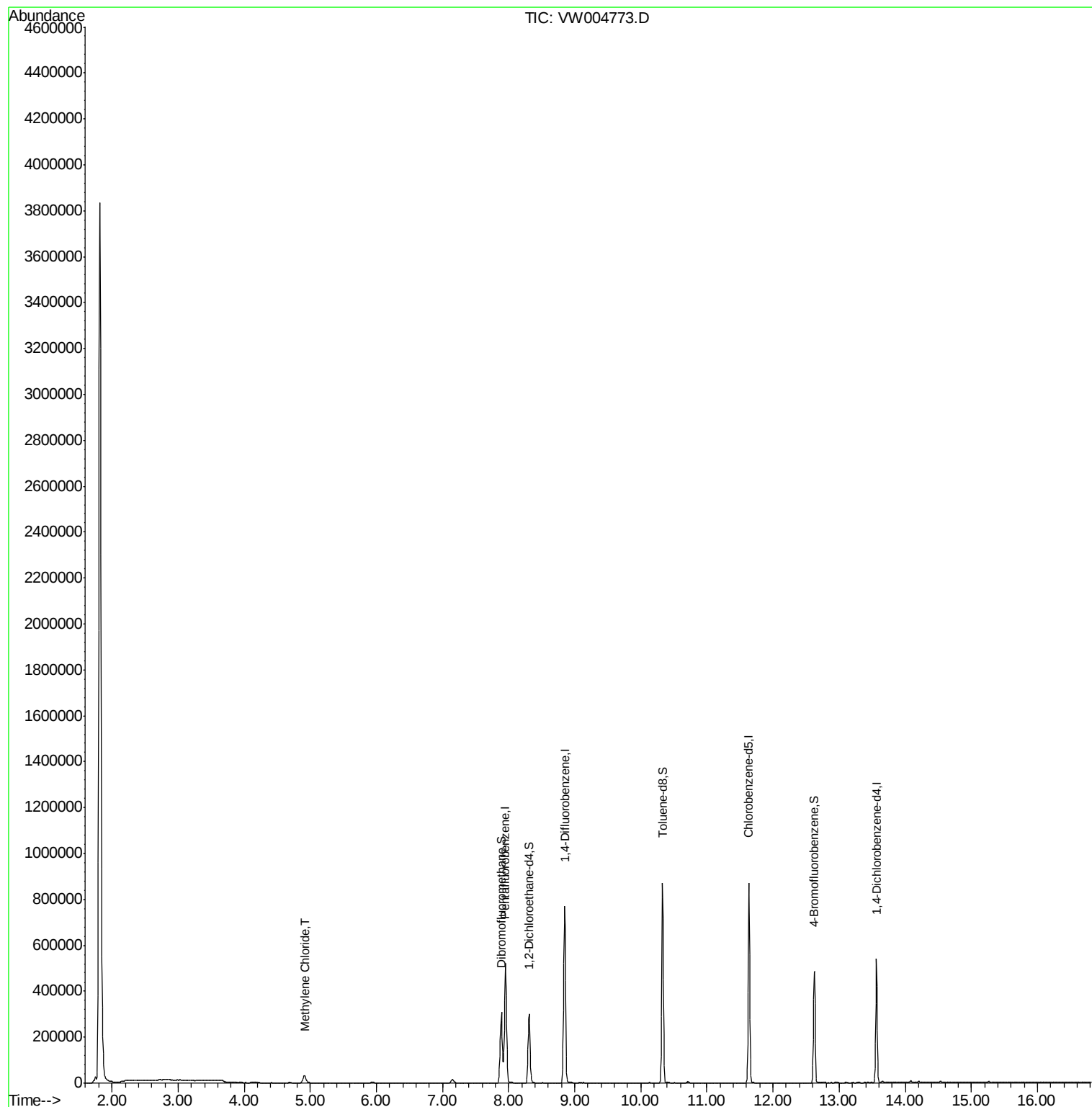
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.92	84	24278	1.18	ug/l	98

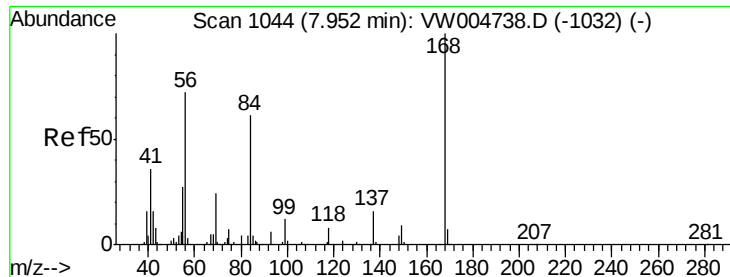
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004773.D

Acq: 18 Aug 2018 10:48

Instrument :

MSVOA_W

ClientSampleId :

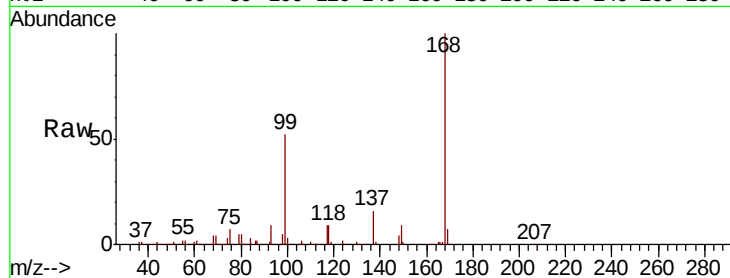
72-12003

Tot Ion:168 Resp: 399597

Ion Ratio Lower Upper

168 100

99 51.7 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

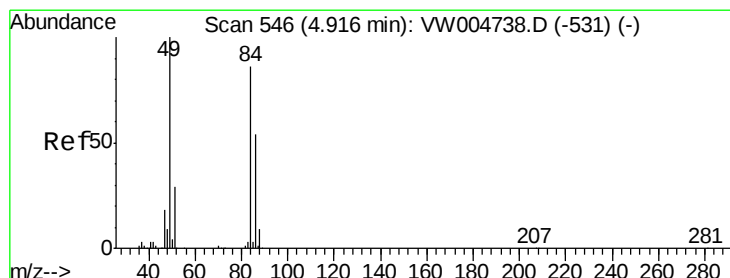
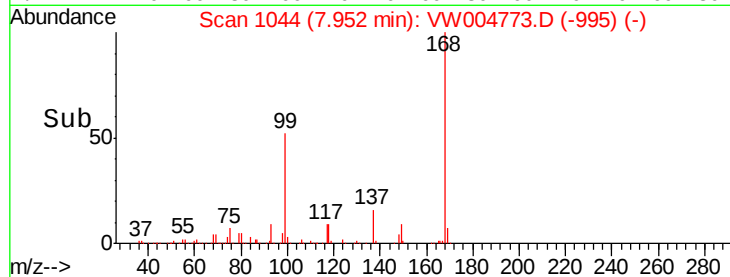
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.18 ug/l

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004773.D

Acq: 18 Aug 2018 10:48

Tgt Ion: 84 Resp: 24278

Ion Ratio Lower Upper

84 100

49 115.4 93.2 139.8

51 34.6 27.4 41.0

86 59.9 50.6 75.8

Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.92

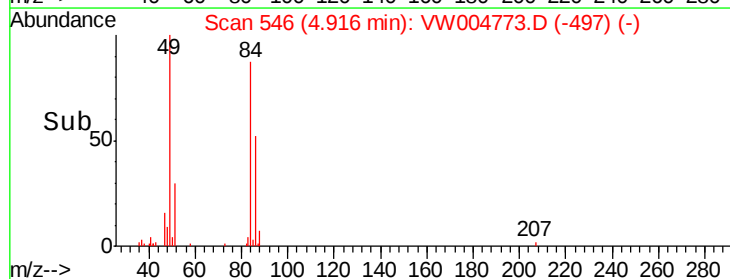
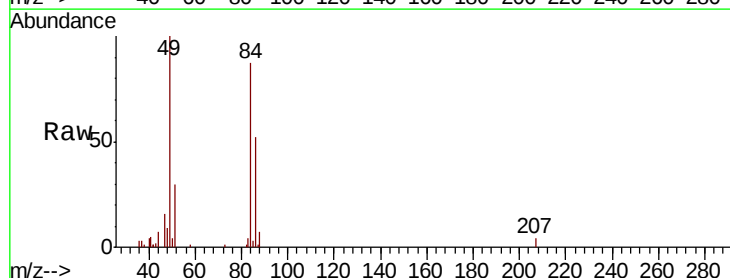
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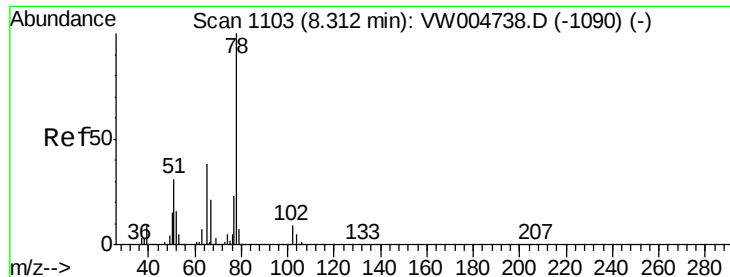
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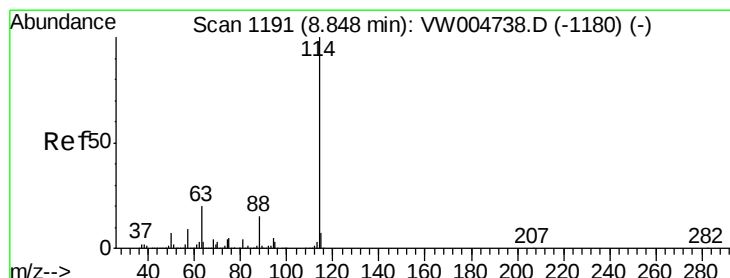
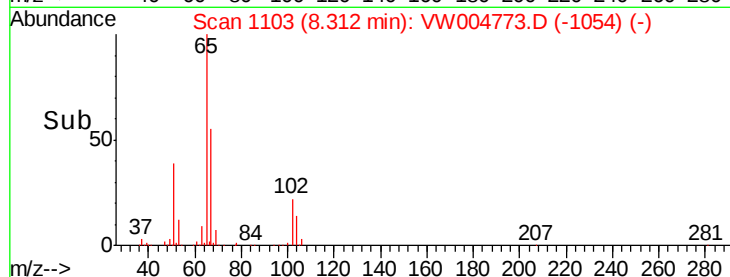
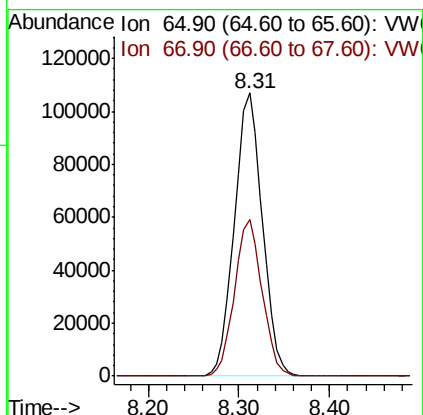
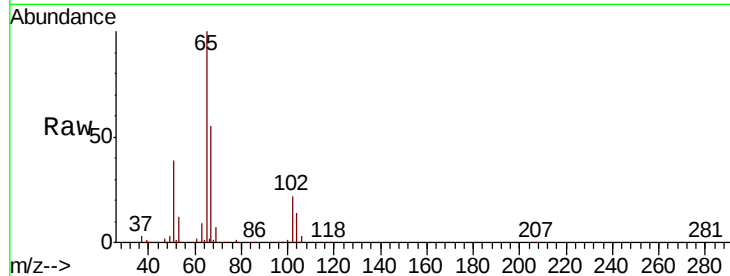




#33
 1,2-Dichloroethane-d4
 Concen: 59.41 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004773.D
 Acq: 18 Aug 2018 10:48

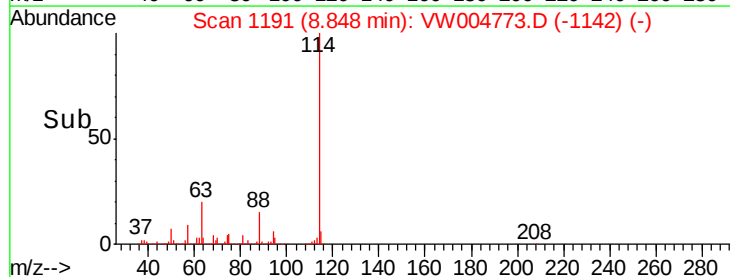
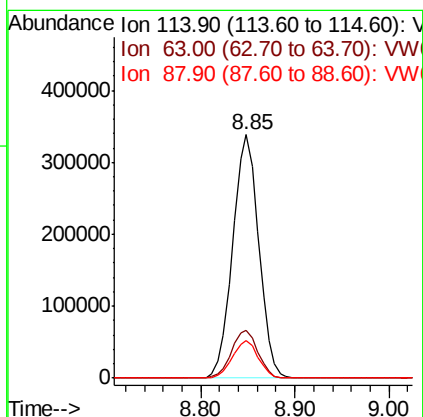
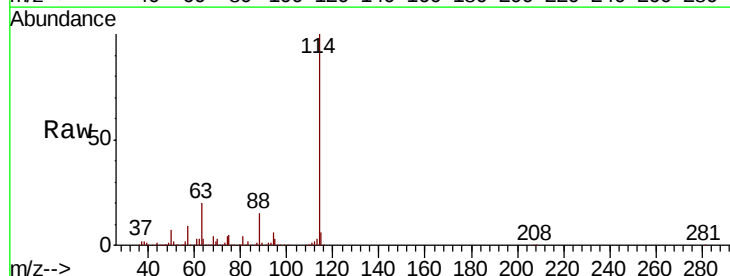
Instrument :
 MSVOA_W
 ClientSampled :
 72-12003

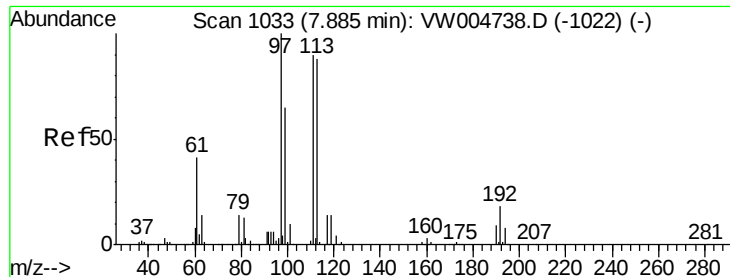
Tot Ion: 65 Resp: 229512
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004773.D
 Acq: 18 Aug 2018 10:48

Tgt Ion: 114 Resp: 650574
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.5 0.0 30.0

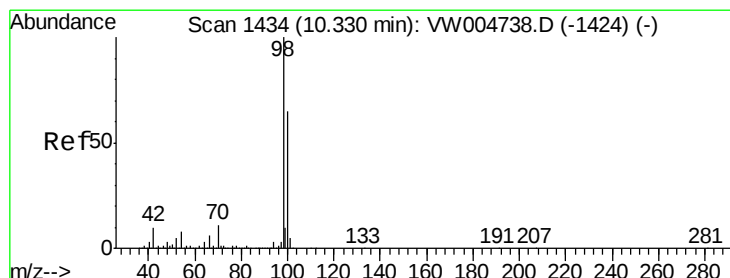
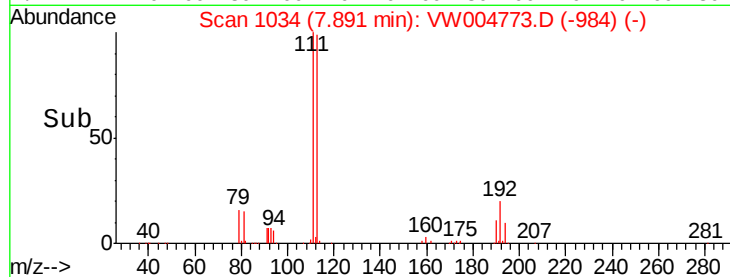
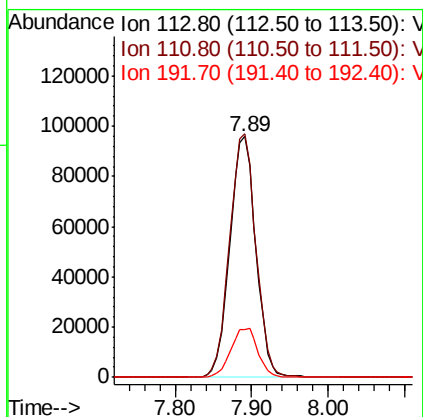
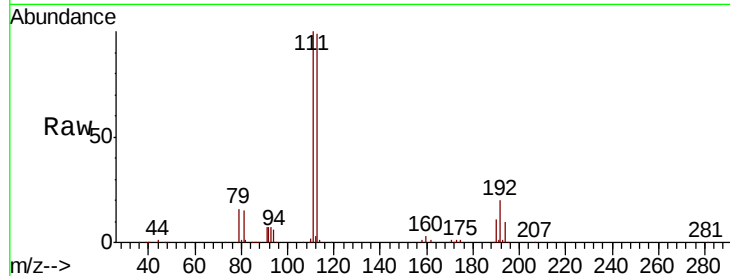




#35
 Dibromofluoromethane
 Concen: 54.00 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004773.D
 Acq: 18 Aug 2018 10:48

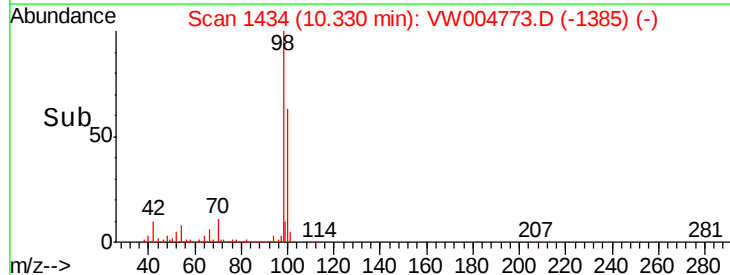
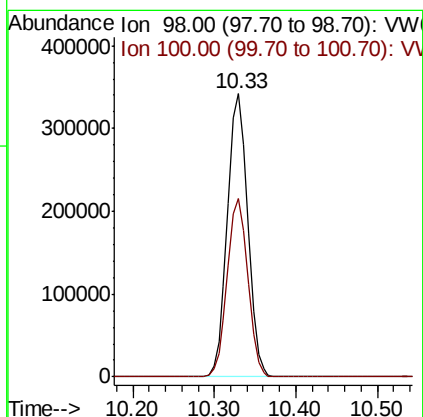
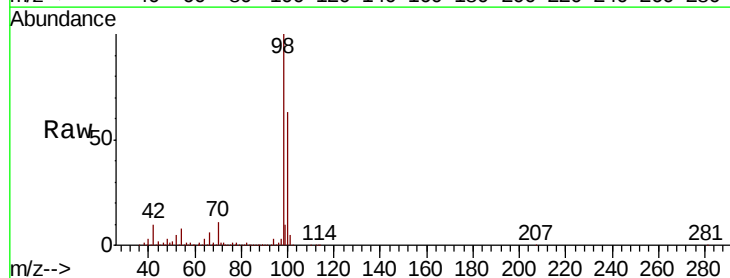
Instrument :
 MSVOA_W
 ClientSampleId :
 72-12003

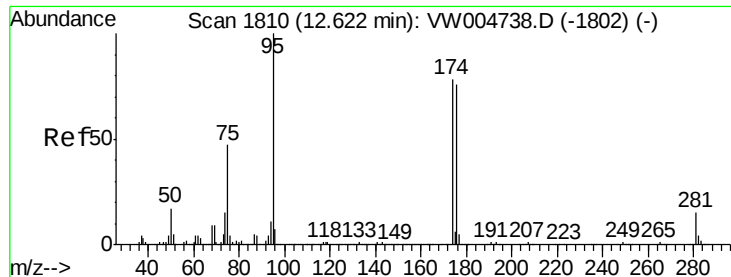
Tot Ion:113 Resp: 224548
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 21.1 16.7 25.1



#50
 Toluene-d8
 Concen: 36.28 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004773.D
 Acq: 18 Aug 2018 10:48

Tgt Ion: 98 Resp: 588807
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.8 77.8

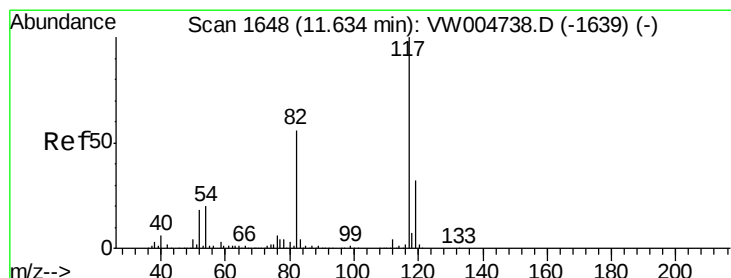
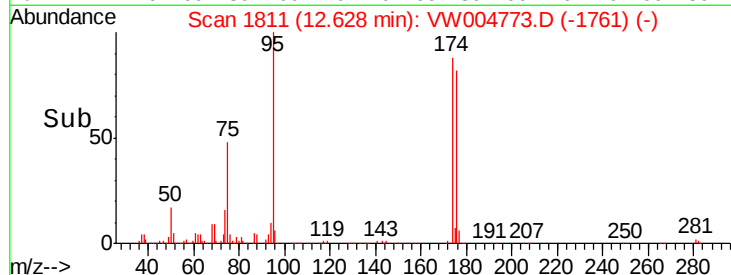
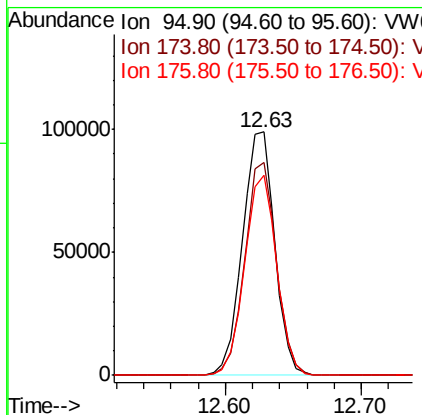
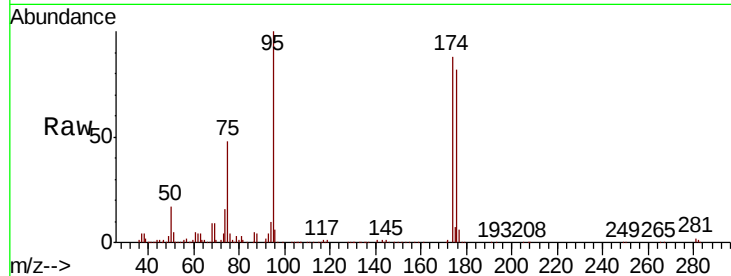




#62
4-Bromofluorobenzene
Concen: 28.14 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004773.D
Acq: 18 Aug 2018 10:48

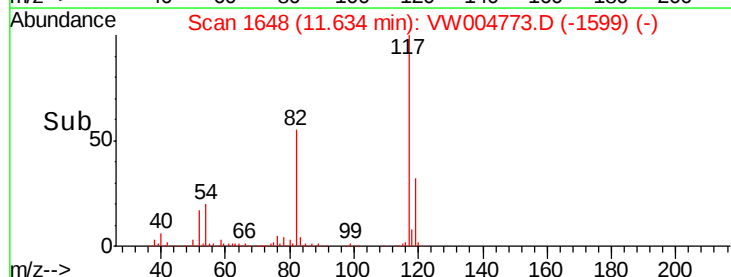
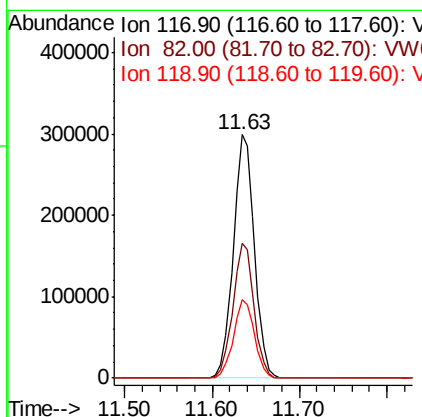
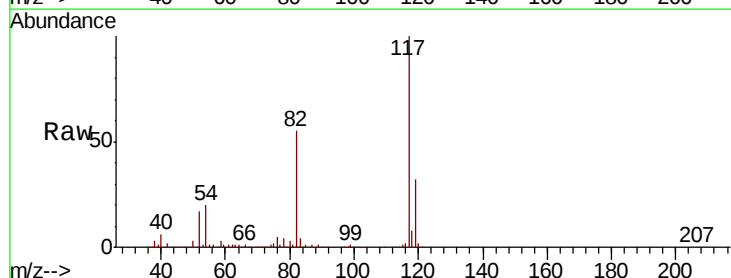
Instrument :
MSVOA_W
ClientSampled :
72-12003

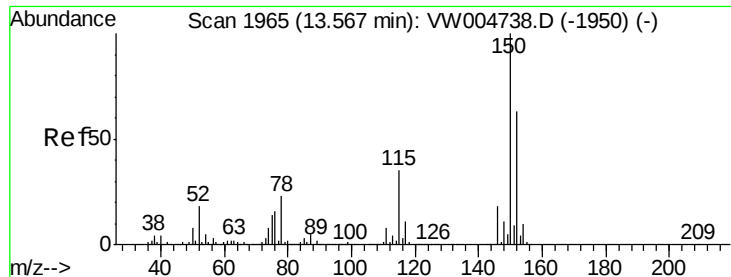
Tot Ion: 95 Resp: 164326
Ion Ratio Lower Upper
95 100
174 86.2 0.0 165.8
176 81.9 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004773.D
Acq: 18 Aug 2018 10:48

Tgt Ion: 117 Resp: 501468
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW004773.D

Acq: 18 Aug 2018 10:48

Instrument :

MSVOA_W

ClientSampleId :

72-12003

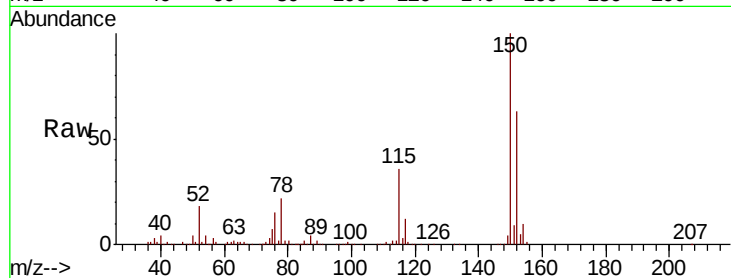
Tot Ion:152 Resp: 147951

Ion Ratio Lower Upper

152 100

115 57.4 28.5 85.5

150 159.4 0.0 344.8



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

