

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004823.D
 Acq On : 21 Aug 2018 06:43
 Operator : SY/AP
 Sample : J4521-22
 Misc : 6.13G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11979

Quant Time: Aug 21 08:12:47 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	503830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	851958	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	772030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	326479	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	290125	59.56	ug/l	0.00
Spiked Amount						
			Recovery	=	119.12%	
35) Dibromofluoromethane	7.89	113	284980	52.34	ug/l	0.00
Spiked Amount						
			Recovery	=	104.68%	
50) Toluene-d8	10.33	98	979099	46.06	ug/l	0.00
Spiked Amount						
			Recovery	=	92.12%	
62) 4-Bromofluorobenzene	12.63	95	311152	40.69	ug/l	0.00
Spiked Amount						
			Recovery	=	81.38%	

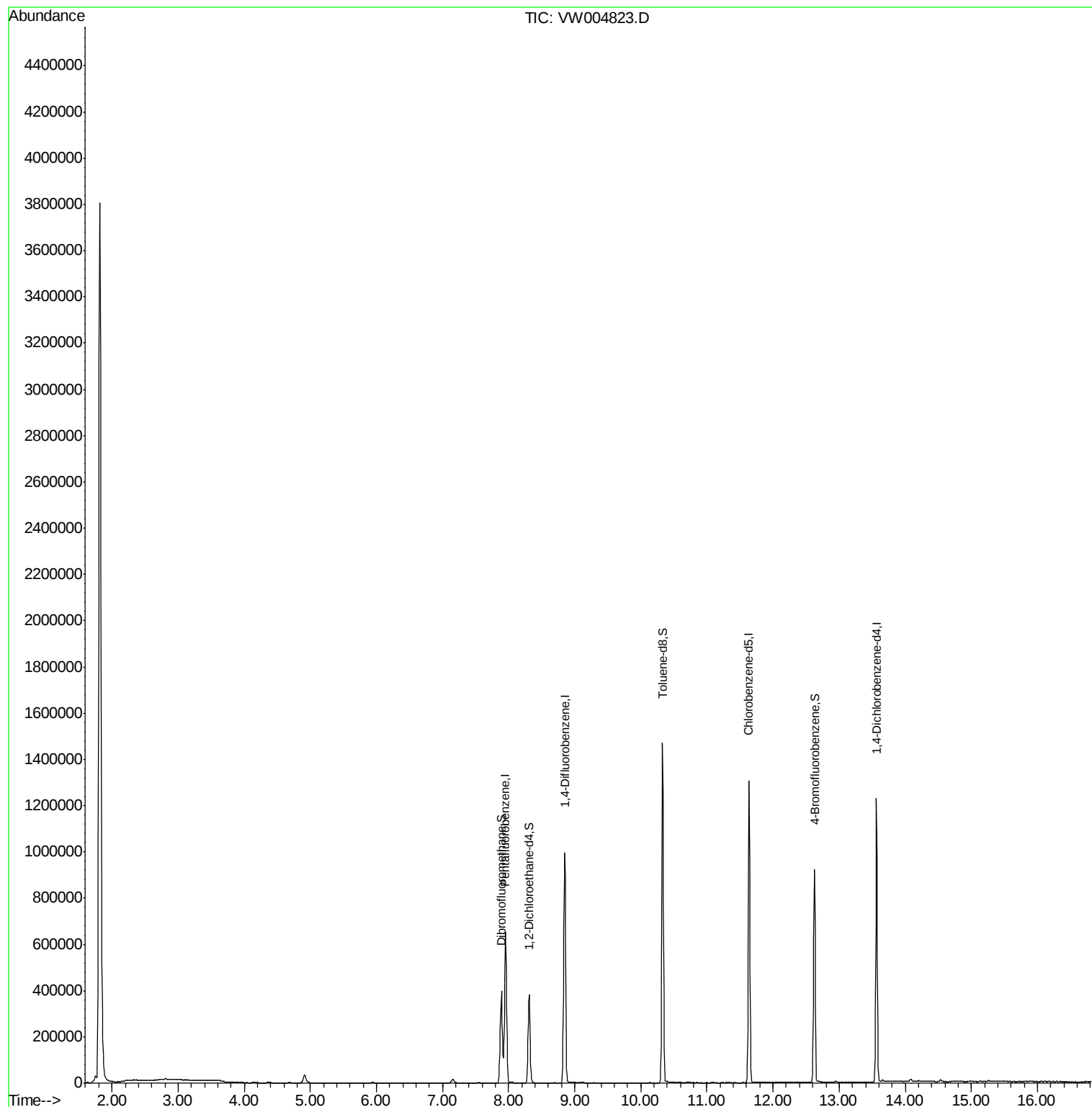
Target Compounds	Qvalue
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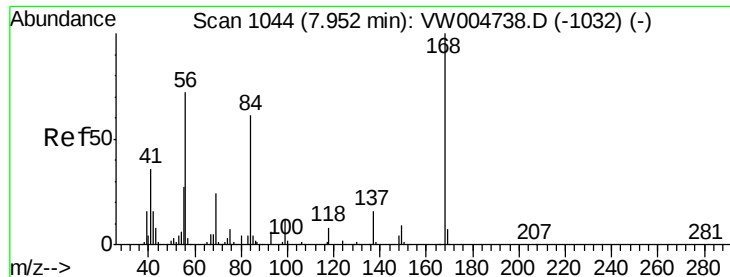
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004823.D

Acq: 21 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

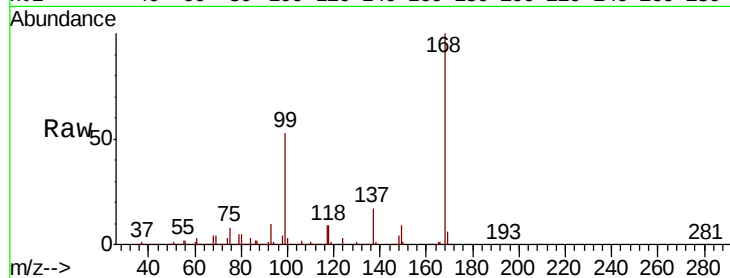
72-11979

Tot Ion:168 Resp: 503830

Ion Ratio Lower Upper

168 100

99 53.4 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

250000

200000

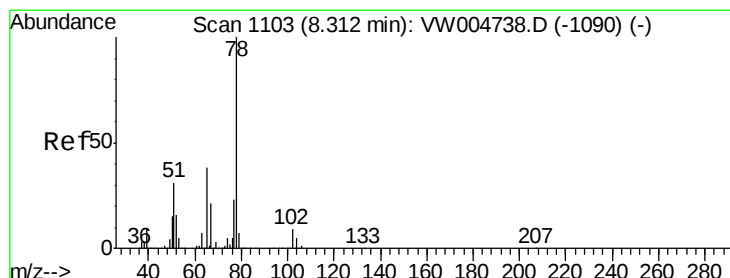
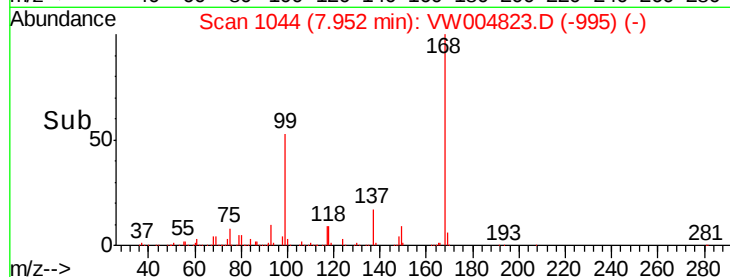
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 59.56 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004823.D

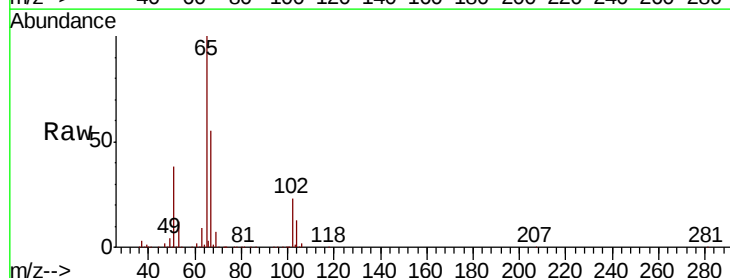
Acq: 21 Aug 2018 06:43

Tgt Ion: 65 Resp: 290125

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

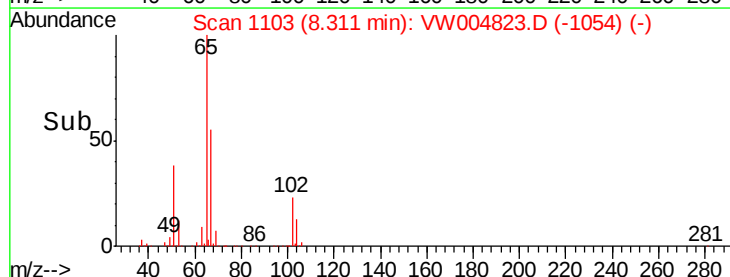
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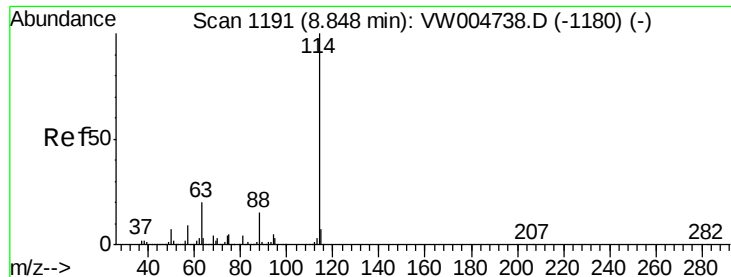
100000

50000

0

Time--> 8.20 8.30 8.40

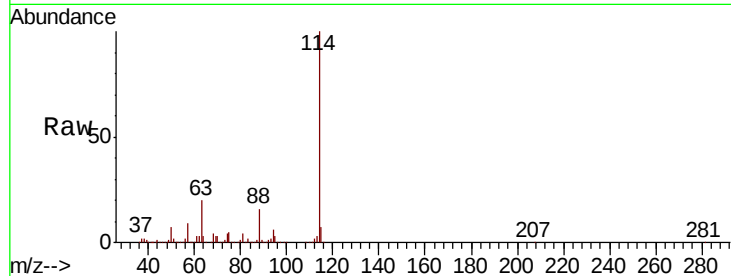




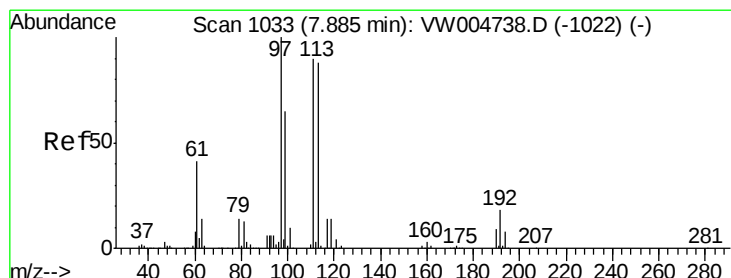
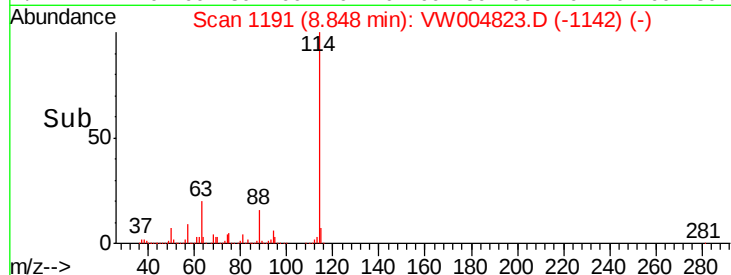
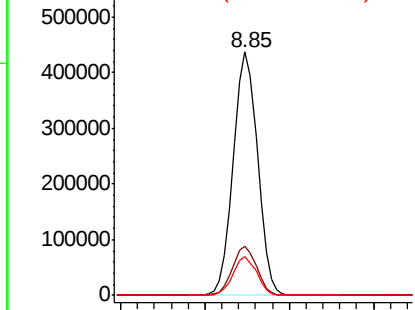
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004823.D
 Acq: 21 Aug 2018 06:43

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11979

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	15.7	0.0	30.0

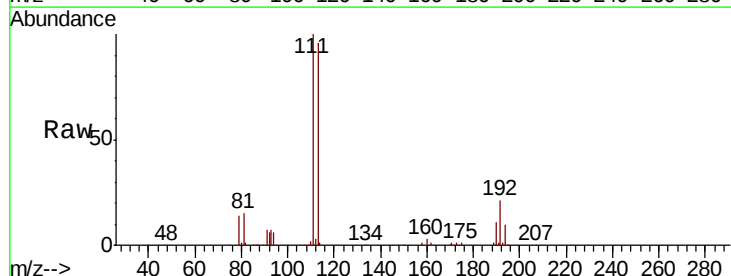


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

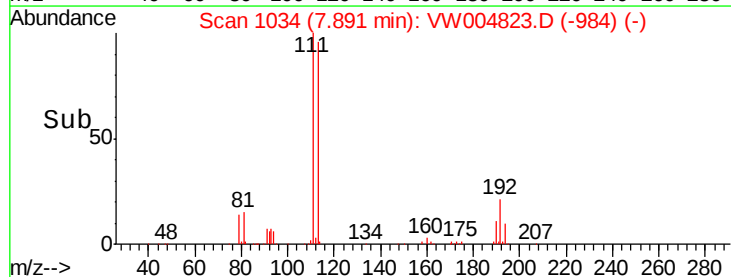
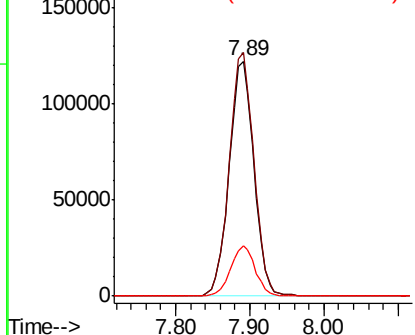


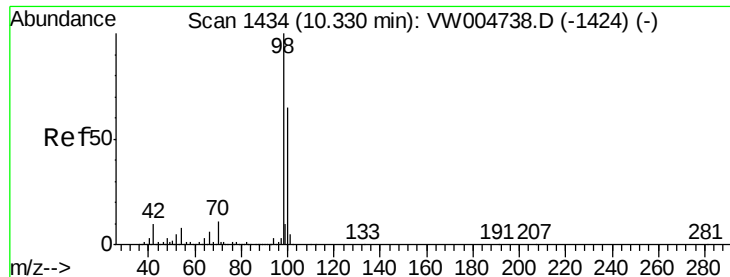
#35
 Dibromofluoromethane
 Concen: 52.34 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004823.D
 Acq: 21 Aug 2018 06:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.2	16.7	25.1



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: 46.06 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004823.D

Acq: 21 Aug 2018 06:43

Instrument :

MSVOA_W

ClientSampleId :

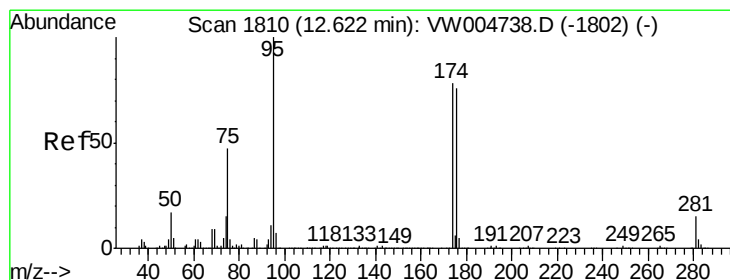
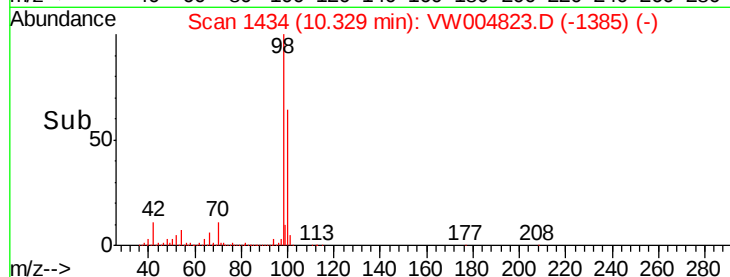
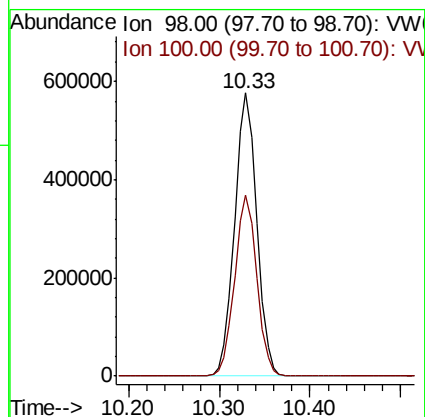
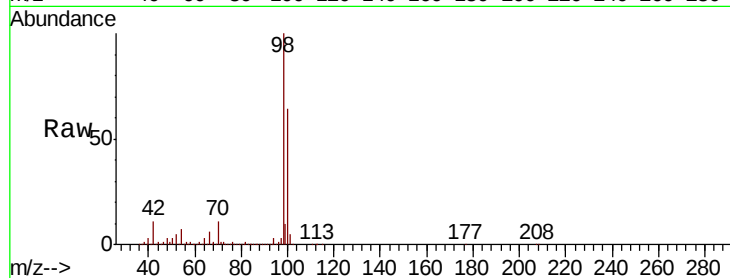
72-11979

Tot Ion: 98 Resp: 979099

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 40.69 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004823.D

Acq: 21 Aug 2018 06:43

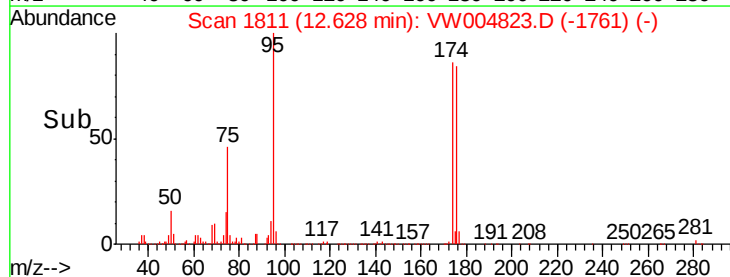
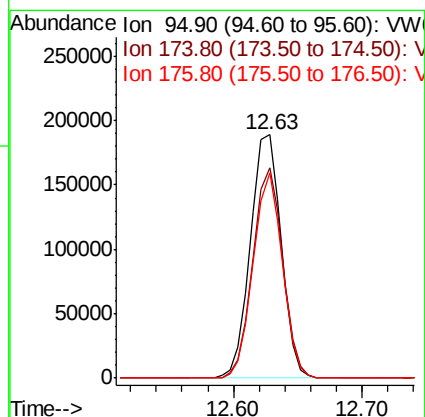
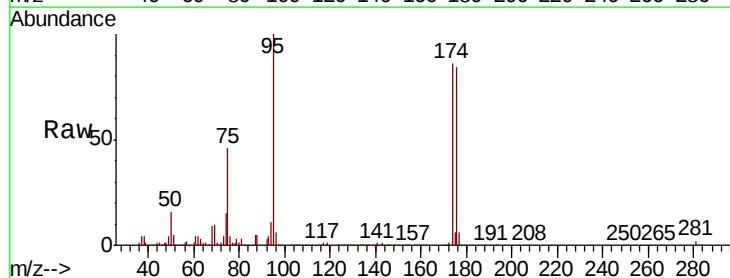
Tgt Ion: 95 Resp: 311152

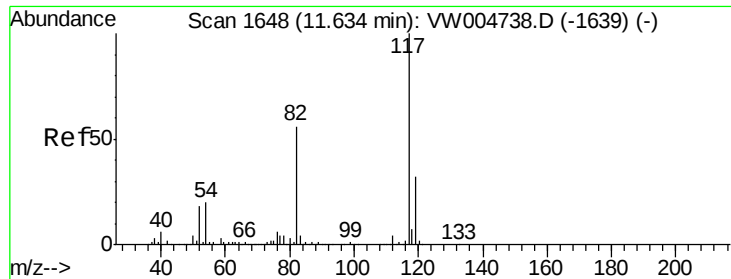
Ion Ratio Lower Upper

95 100

174 84.3 0.0 165.8

176 80.1 0.0 159.8

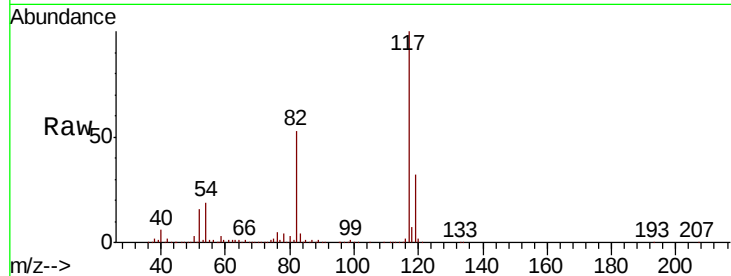




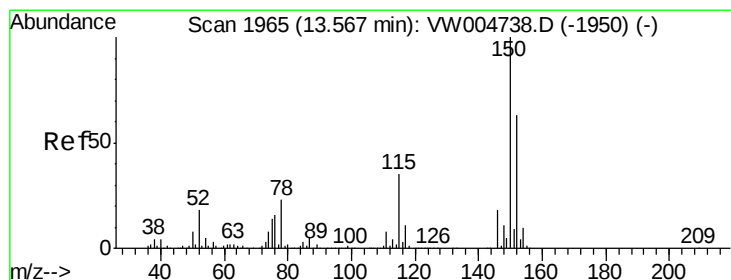
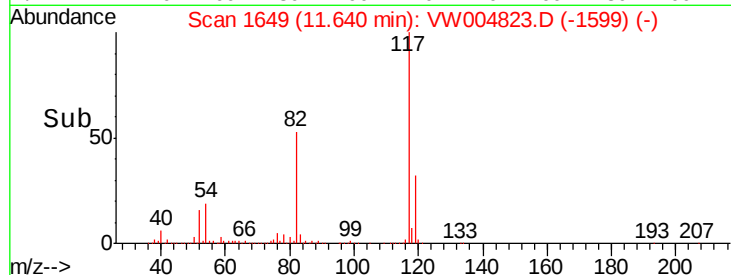
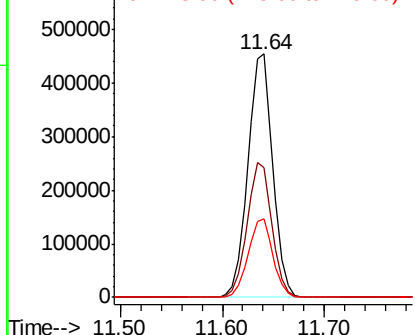
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004823.D
Acq: 21 Aug 2018 06:43

Instrument :
MSVOA_W
ClientSampleId :
72-11979

Tot Ion:117 Resp: 772030
Ion Ratio Lower Upper
117 100
82 53.5 44.6 67.0
119 32.4 25.6 38.4

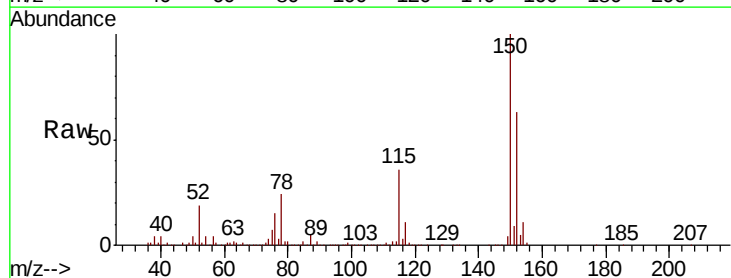


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004823.D
Acq: 21 Aug 2018 06:43

Tgt Ion:152 Resp: 326479
Ion Ratio Lower Upper
152 100
115 57.8 28.5 85.5
150 157.8 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

