

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004850.D
 Acq On : 21 Aug 2018 19:02
 Operator : SY/AP
 Sample : J4572-02
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F-1A

Quant Time: Aug 22 11:53:02 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	611060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	998308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	967433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	484044	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	328953	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
35) Dibromofluoromethane	7.88	113	316078	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.33	98	1159406	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
62) 4-Bromofluorobenzene	12.62	95	408689	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

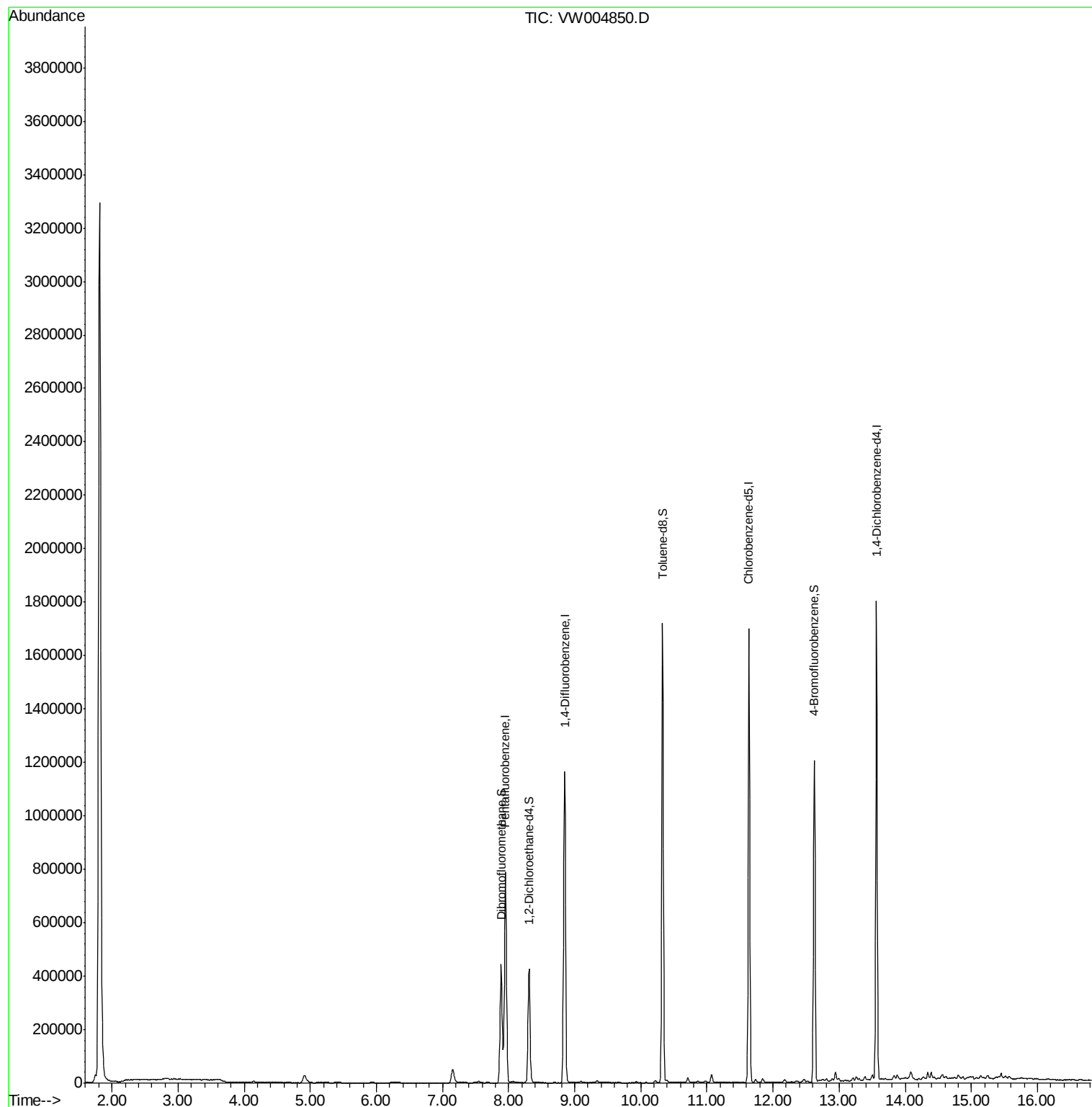
Target Compounds	Qvalue

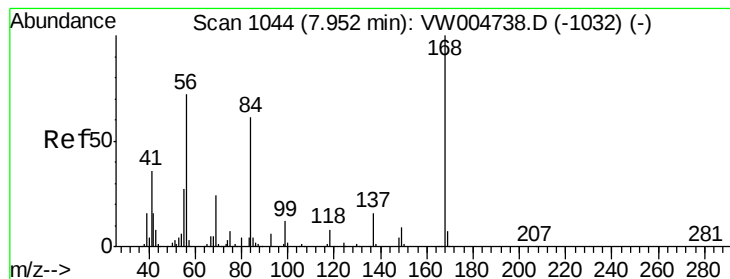
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004850.D

Acq: 21 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampled :

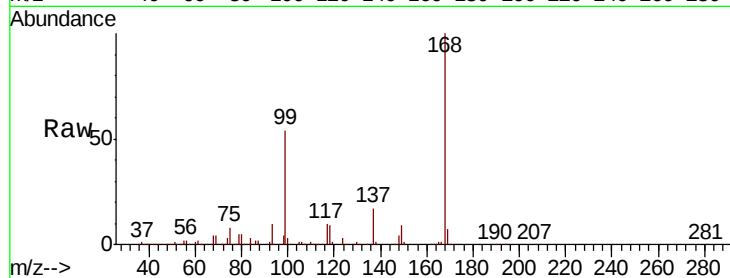
F-1A

Tot Ion:168 Resp: 611060

Ion Ratio Lower Upper

168 100

99 53.8 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

300000

250000

200000

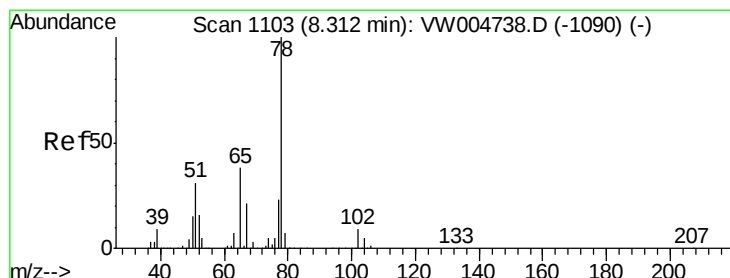
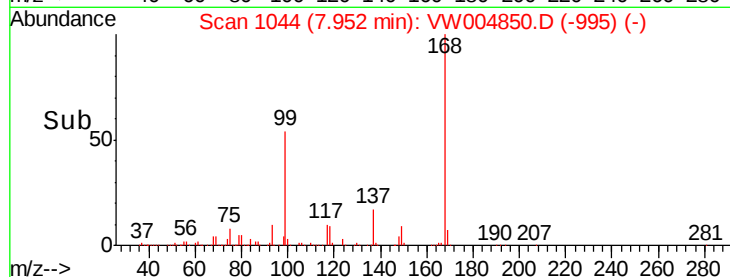
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.68 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004850.D

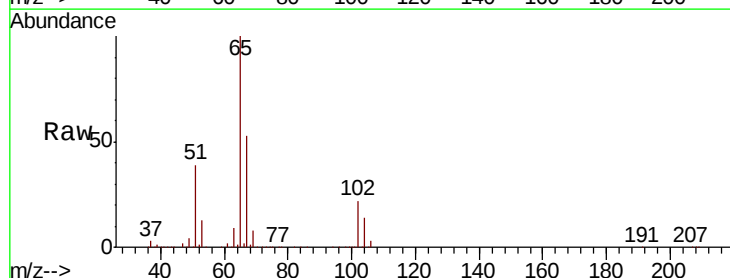
Acq: 21 Aug 2018 19:02

Tgt Ion: 65 Resp: 328953

Ion Ratio Lower Upper

65 100

67 54.1 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

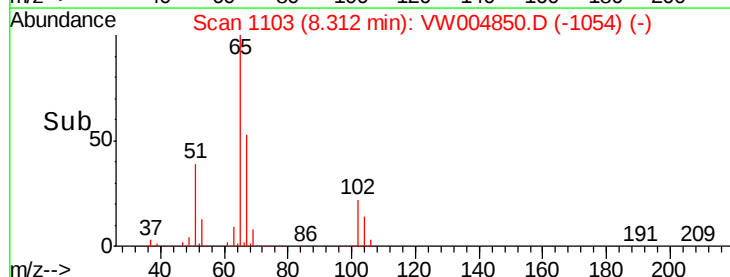
150000

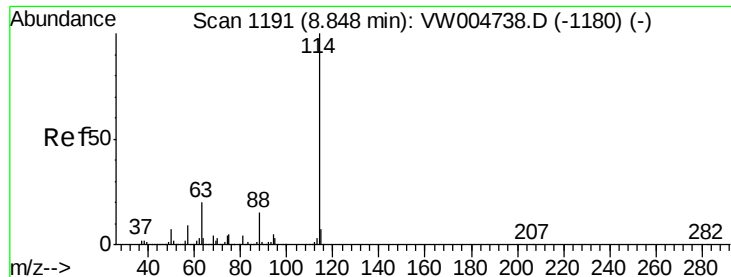
100000

50000

0

Time--> 8.20 8.30 8.40

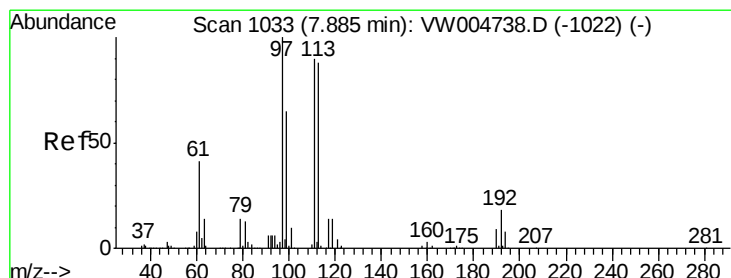
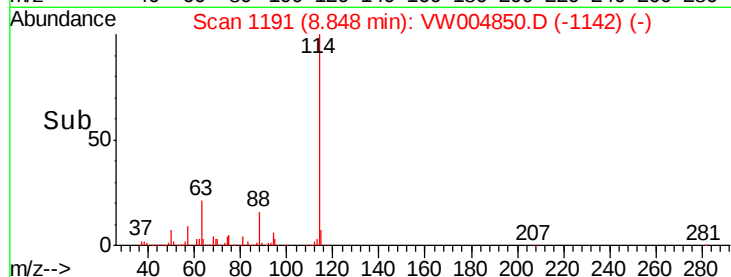
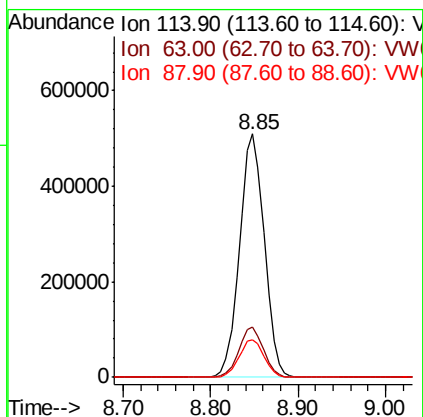
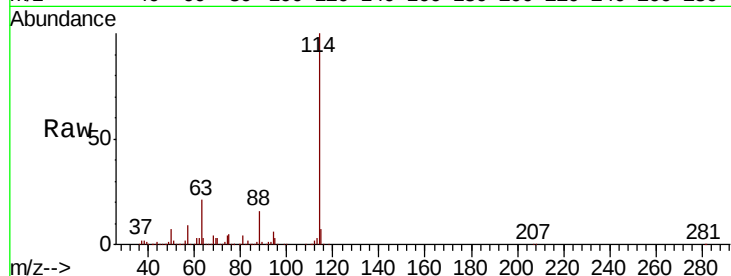




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004850.D
 Acq: 21 Aug 2018 19:02

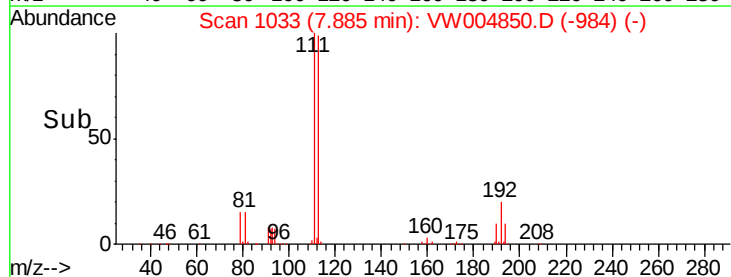
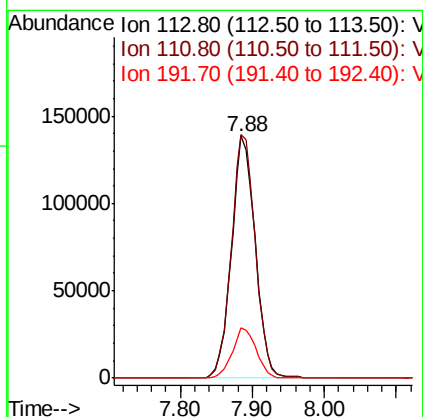
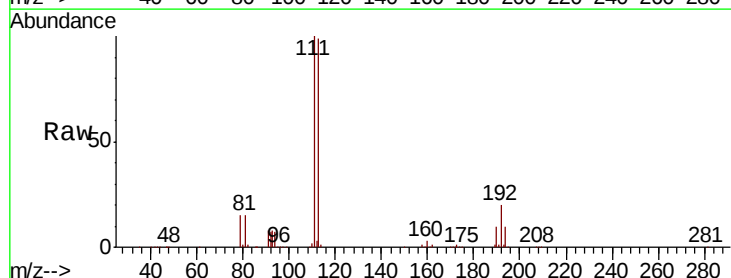
Instrument :
 MSVOA_W
 ClientSampleId :
 F-1A

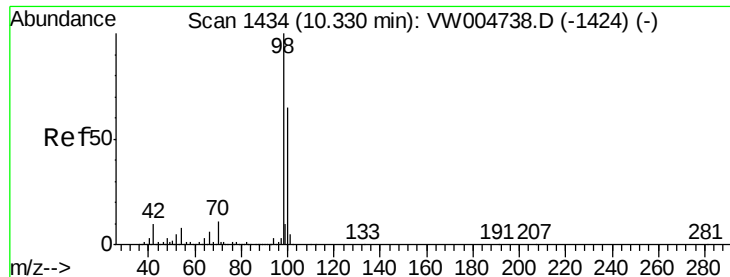
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.0
88	15.6	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 49.54 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004850.D
 Acq: 21 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	20.8	16.7	25.1





#50

Toluene-d8

Concen: 46.55 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004850.D

Acq: 21 Aug 2018 19:02

Instrument :

MSVOA_W

ClientSampleId :

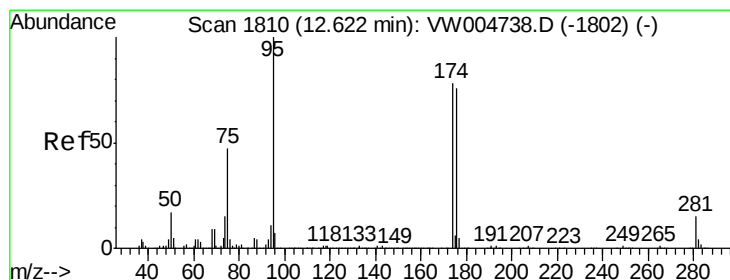
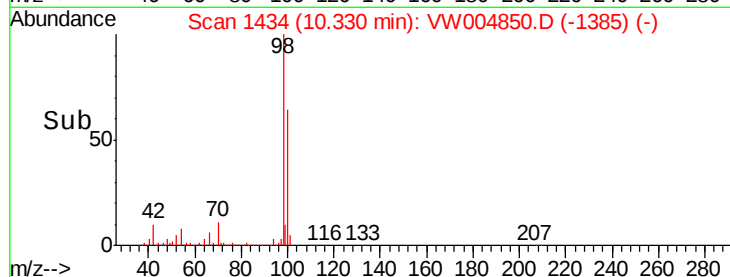
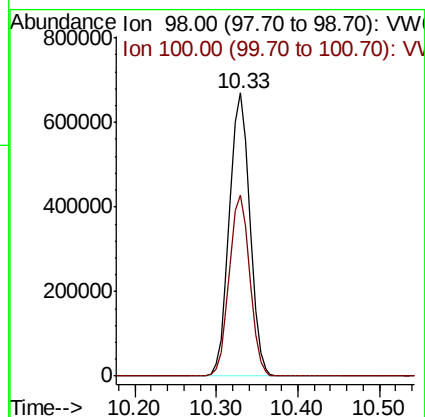
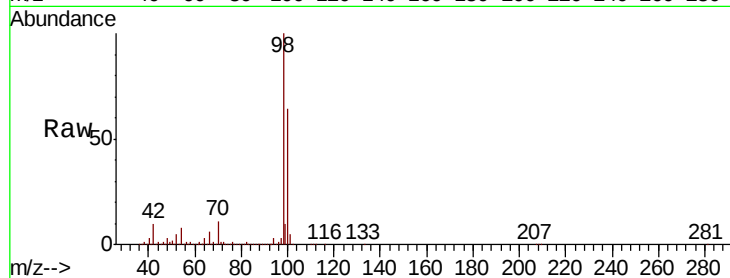
F-1A

Tot Ion: 98 Resp: 1159406

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 45.61 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004850.D

Acq: 21 Aug 2018 19:02

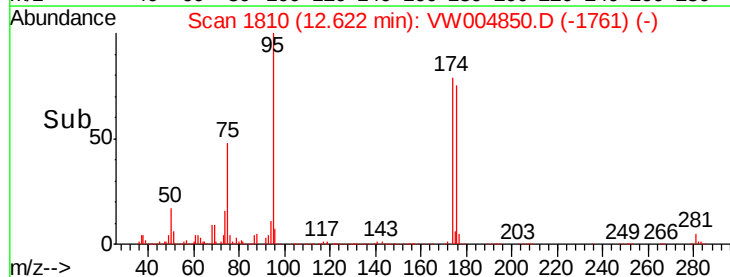
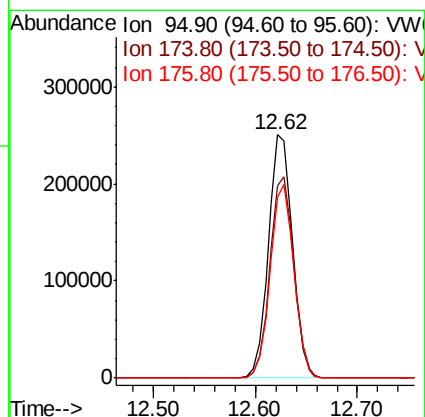
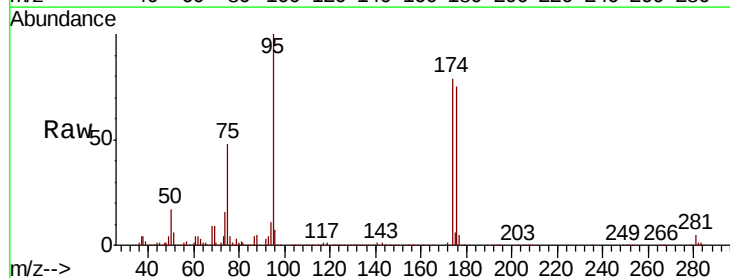
Tgt Ion: 95 Resp: 408689

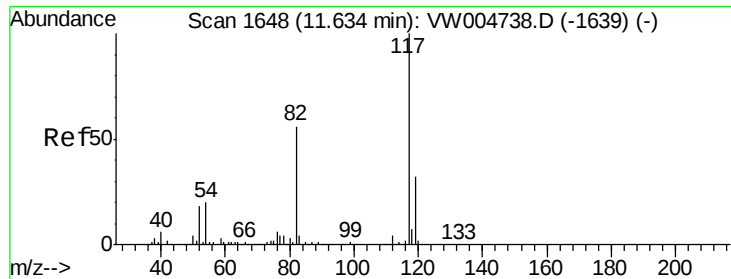
Ion Ratio Lower Upper

95 100

174 82.7 0.0 165.8

176 78.2 0.0 159.8

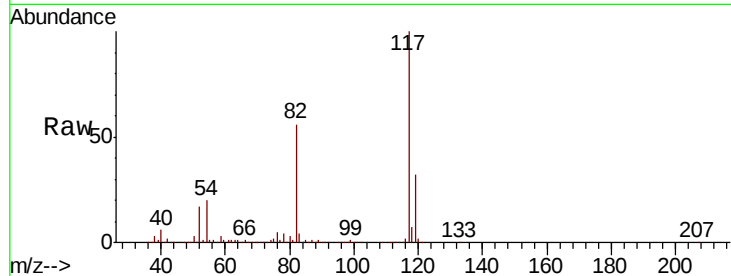




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004850.D
Acq: 21 Aug 2018 19:02

Instrument :
MSVOA_W
ClientSampleId :
F-1A

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.6	67.0
119	31.9	25.6	38.4

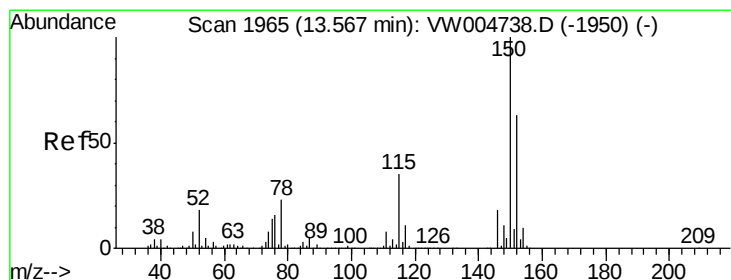
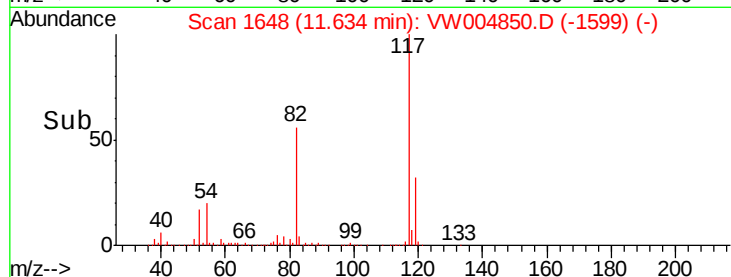
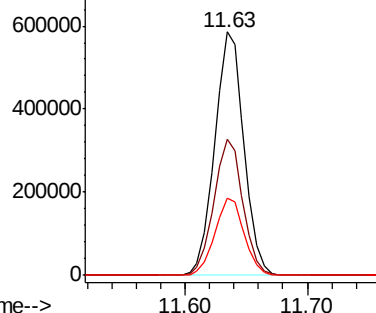


Abundance

Ion 116.90 (116.60 to 117.60): V

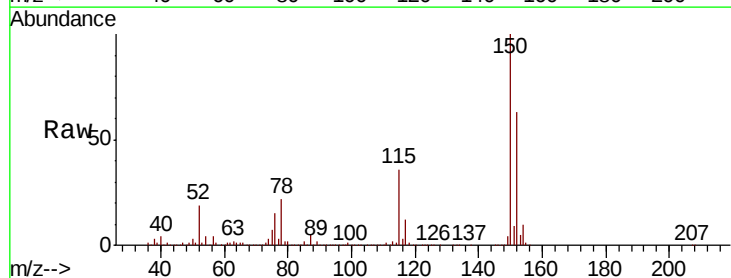
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004850.D
Acq: 21 Aug 2018 19:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.5	85.5
150	156.4	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

