

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004620.D
 Acq On : 11 Aug 2018 02:51
 Operator : SY/AP
 Sample : J4272-05
 Misc : 6.57G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-C

Quant Time: Aug 11 04:01:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	691838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1213461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	942132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	373497	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	392592	51.26	ug/l	0.00
Spiked Amount			Recovery	=	102.52%	
35) Dibromofluoromethane	7.88	113	351920	43.50	ug/l	0.00
Spiked Amount			Recovery	=	87.00%	
50) Toluene-d8	10.33	98	925577	30.01	ug/l	0.00
Spiked Amount			Recovery	=	60.02%	
62) 4-Bromofluorobenzene	12.62	95	337592	30.38	ug/l	0.00
Spiked Amount			Recovery	=	60.76%	

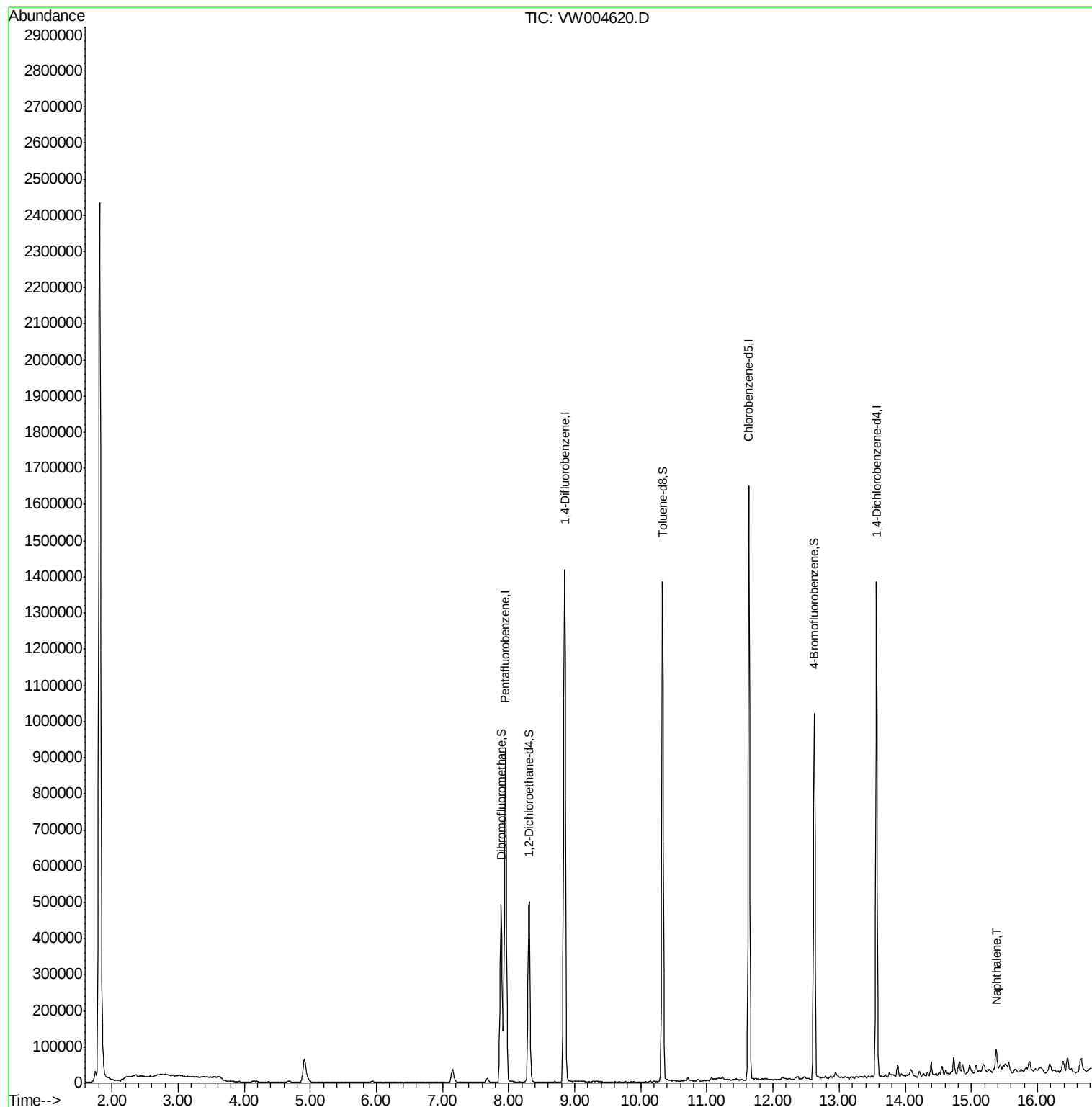
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	15.38	128	57084	6.13	ug/l	97

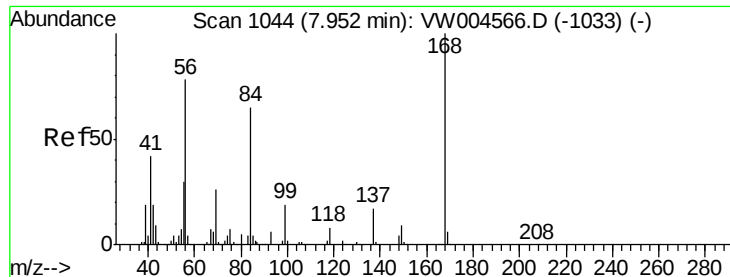
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004620.D

Acq: 11 Aug 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

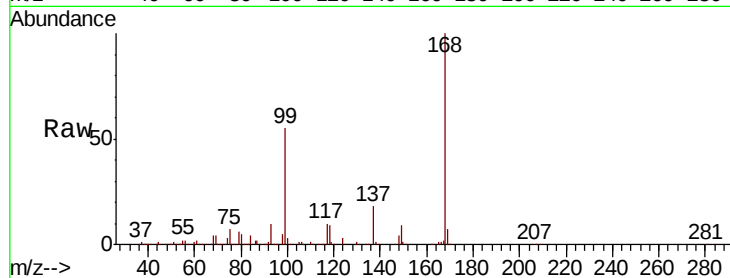
JC-03-080918-C

Tot Ion:168 Resp: 691838

Ion Ratio Lower Upper

168 100

99 55.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

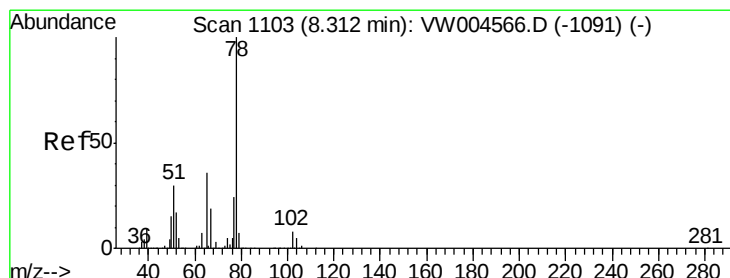
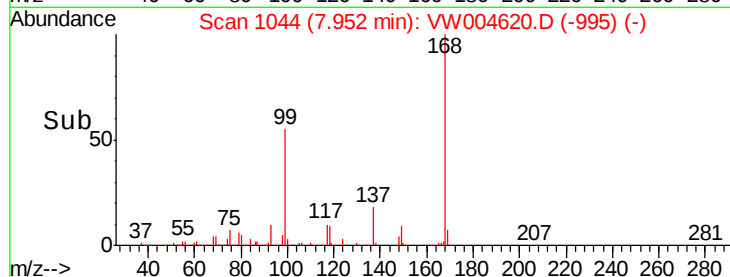
300000

200000

100000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 51.26 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004620.D

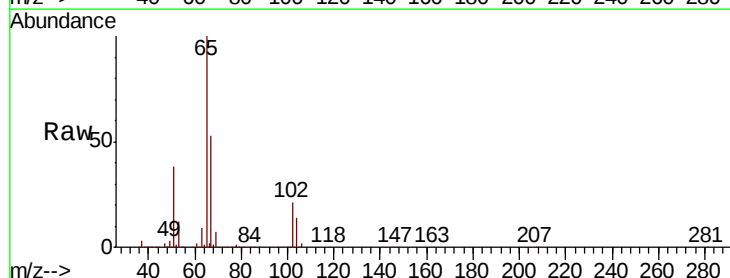
Acq: 11 Aug 2018 02:51

Tgt Ion: 65 Resp: 392592

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

200000

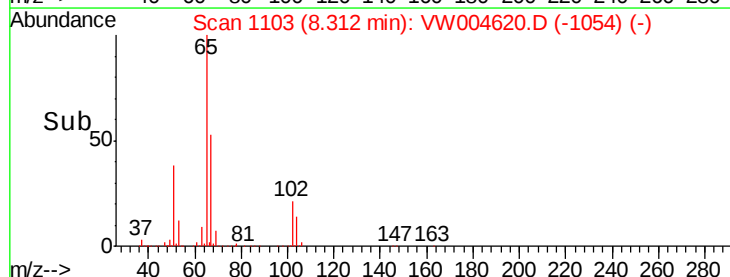
150000

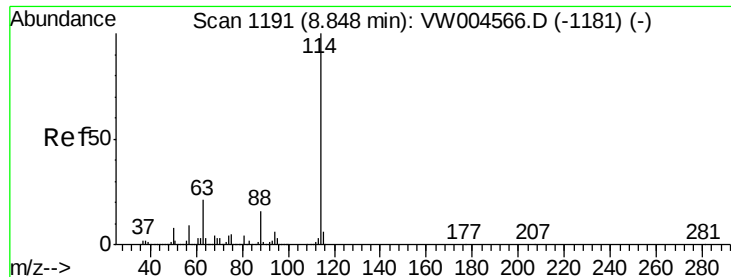
100000

50000

0

Time--> 8.20 8.30 8.40

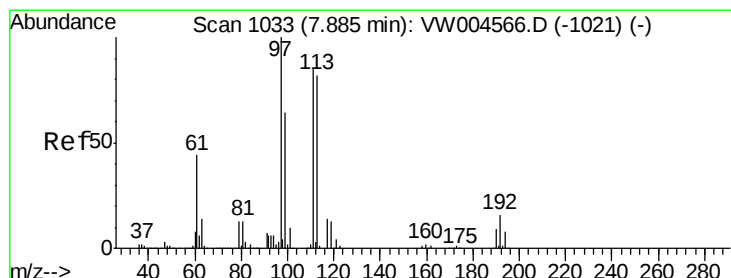
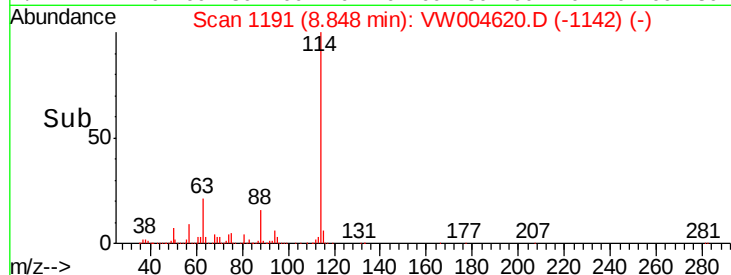
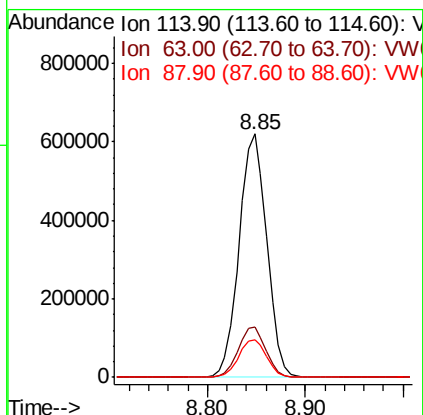
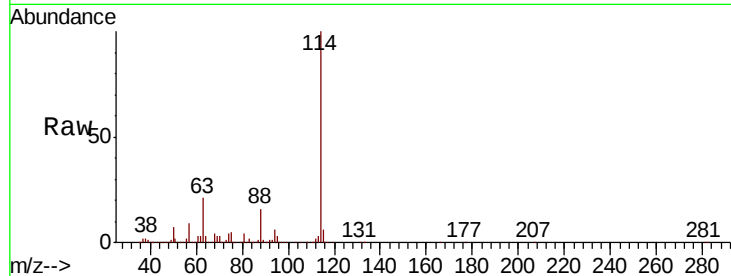




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004620.D
 Acq: 11 Aug 2018 02:51

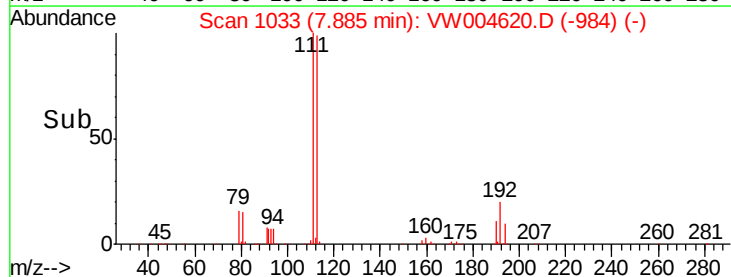
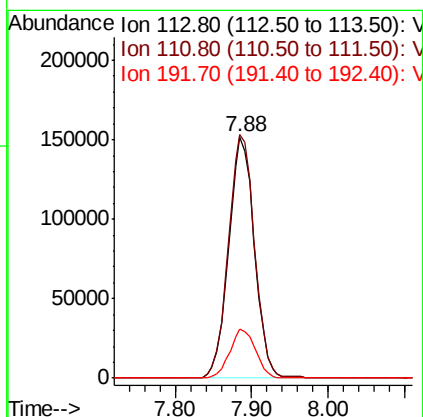
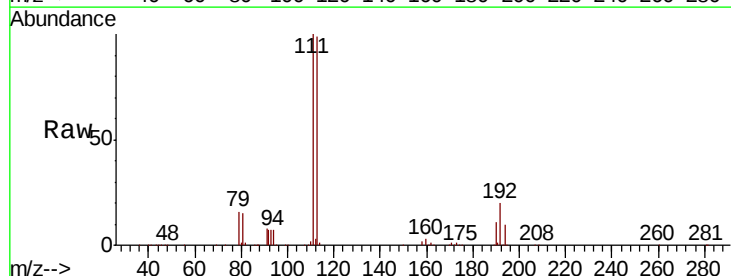
Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-080918-C

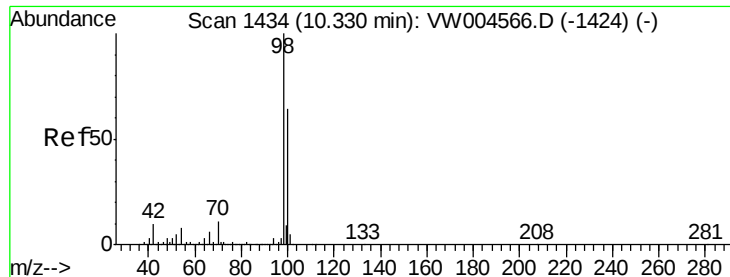
Tot Ion:114 Resp: 1213461
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.4
 88 15.7 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 43.50 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004620.D
 Acq: 11 Aug 2018 02:51

Tgt Ion:113 Resp: 351920
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 20.4 15.8 23.6





#50

Toluene-d8

Concen: 30.01 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004620.D

Acq: 11 Aug 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

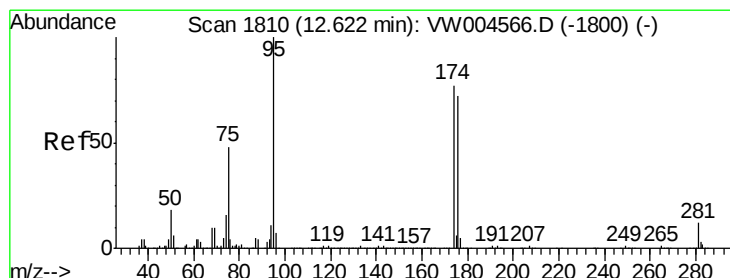
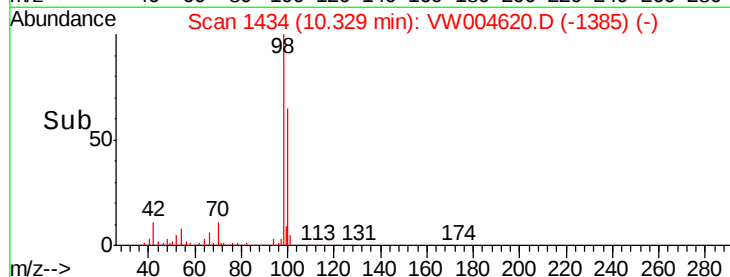
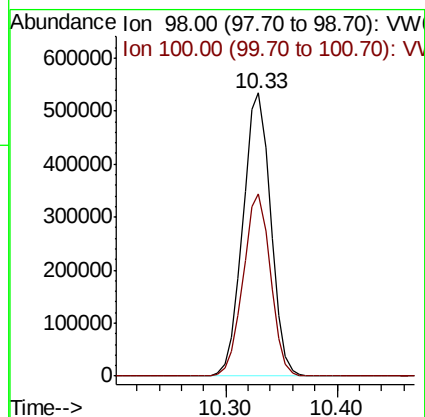
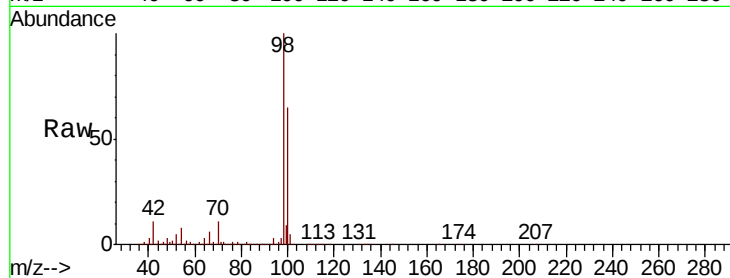
JC-03-080918-C

Tot Ion: 98 Resp: 925577

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 30.38 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004620.D

Acq: 11 Aug 2018 02:51

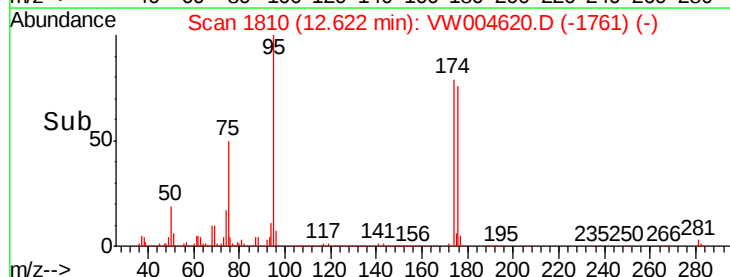
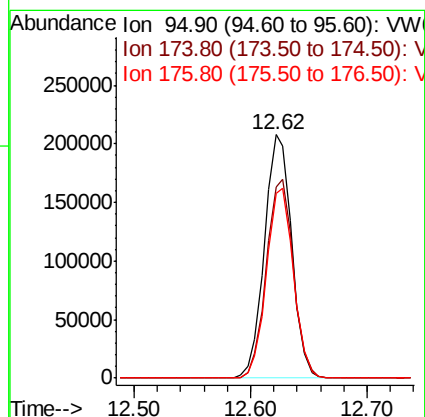
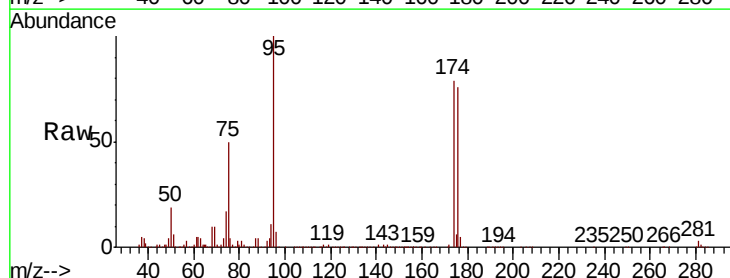
Tgt Ion: 95 Resp: 337592

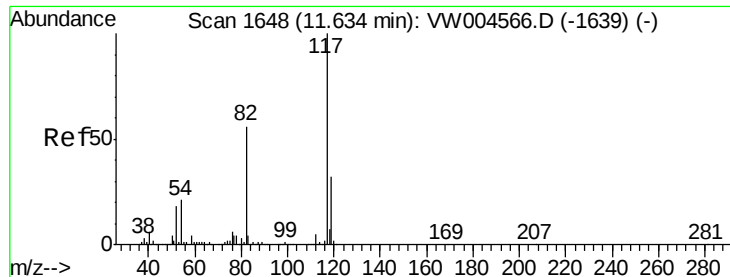
Ion Ratio Lower Upper

95 100

174 81.6 0.0 160.4

176 77.7 0.0 153.2

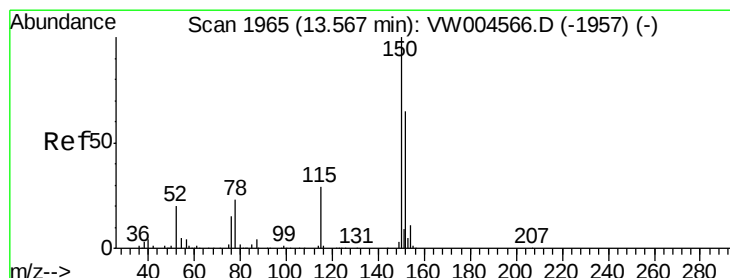
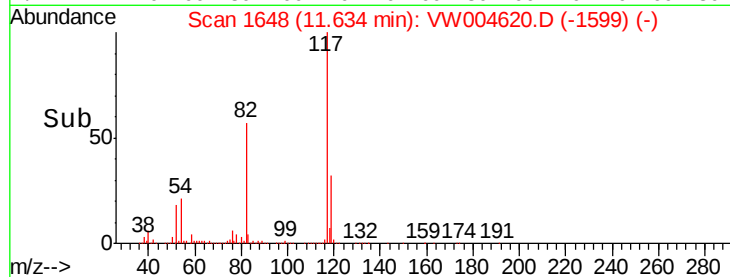
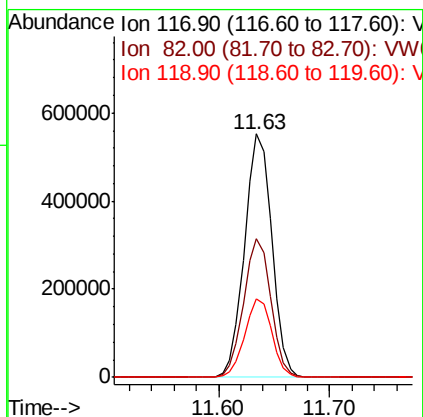
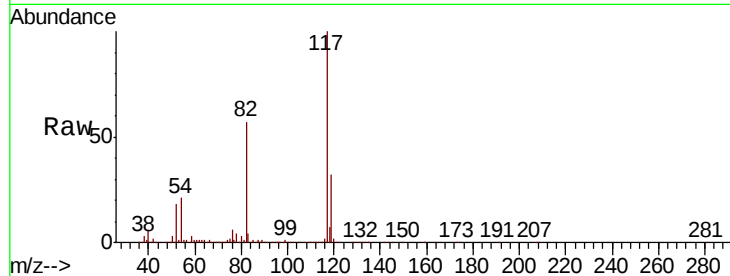




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004620.D
Acq: 11 Aug 2018 02:51

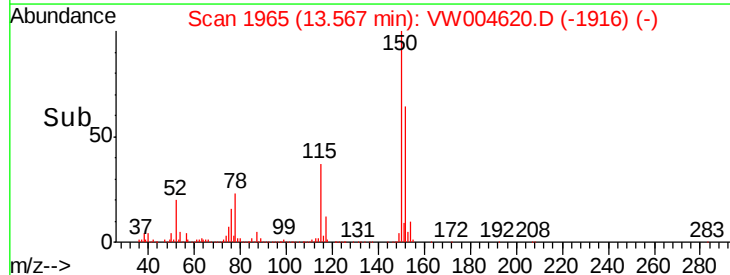
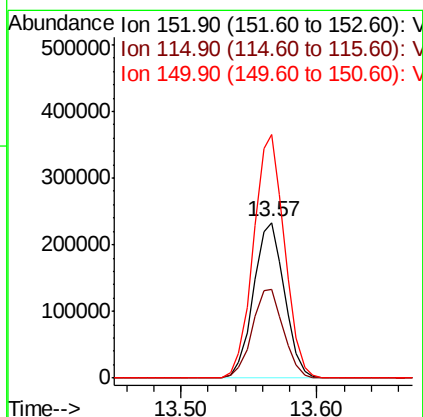
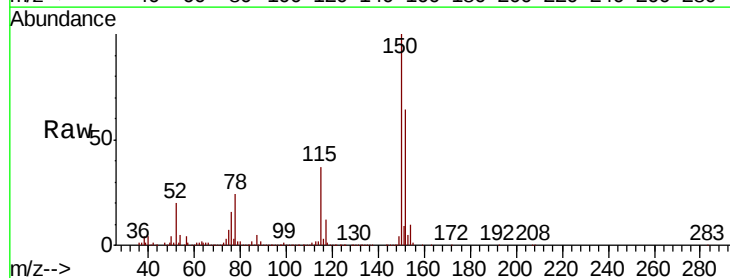
Instrument :
MSVOA_W
ClientSampleId :
JC-03-080918-C

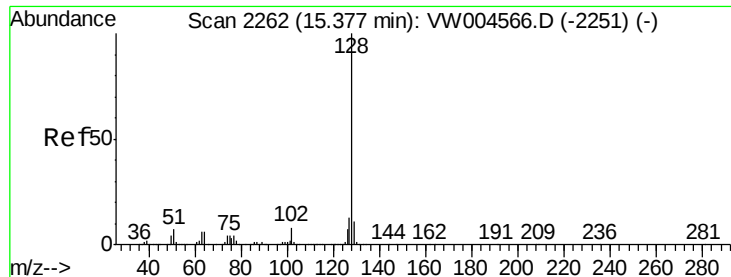
Tot Ion:117 Resp: 942132
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004620.D
Acq: 11 Aug 2018 02:51

Tgt Ion:152 Resp: 373497
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 156.8 0.0 349.6





#95

Naphthalene

Concen: 6.13 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004620.D

Acq: 11 Aug 2018 02:51

Instrument :

MSVOA_W

ClientSampleId :

JC-03-080918-C

Tot Ion:128 Resp: 57084

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 12.2 8.6 13.0

