

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004751.D
 Acq On : 17 Aug 2018 23:39
 Operator : SY/AP
 Sample : J4460-02RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-080918-SW-002RE

Quant Time: Aug 18 03:14:06 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	483316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	777297	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	638421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209681	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	297910	63.76	ug/l	0.00
Spiked Amount			Recovery	=	127.52%	
35) Dibromofluoromethane	7.88	113	279878	56.34	ug/l	0.00
Spiked Amount			Recovery	=	112.68%	
50) Toluene-d8	10.33	98	863264	44.51	ug/l	0.00
Spiked Amount			Recovery	=	89.02%	
62) 4-Bromofluorobenzene	12.62	95	221577	31.76	ug/l	0.00
Spiked Amount			Recovery	=	63.52%	

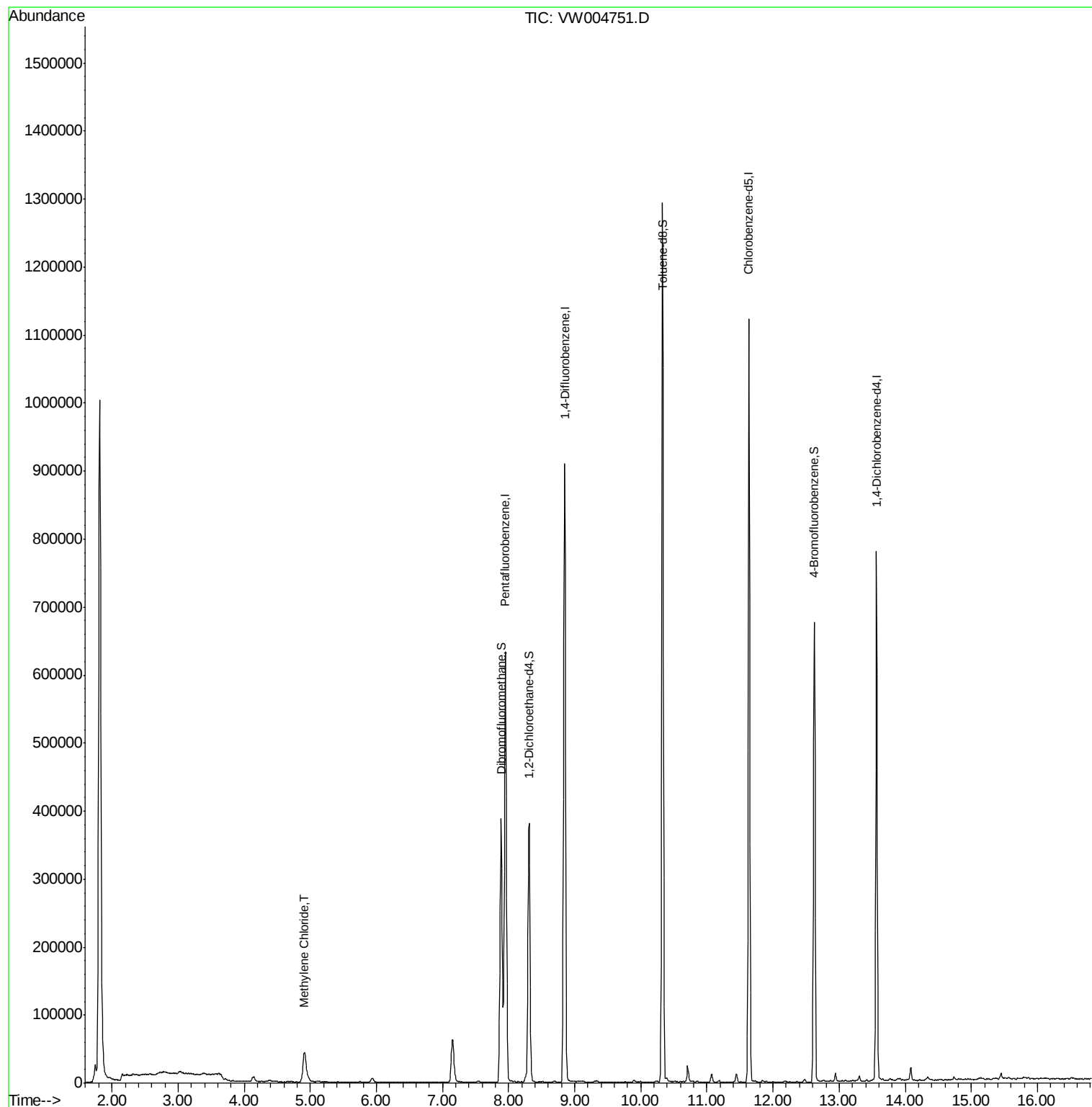
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.91	84	42128	3.74	ug/l	95

(#) = 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# 1044

Delta R.T. -0.00 min

Lab File: VW004751.D

Acq: 17 Aug 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

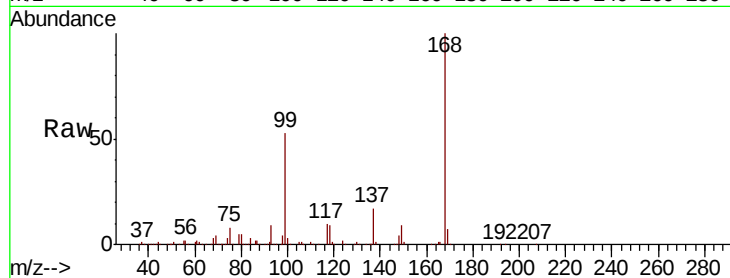
RA-080918-SW-002RE

Tot Ion:168 Resp: 483316

Ion Ratio Lower Upper

168 100

99 53.1 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

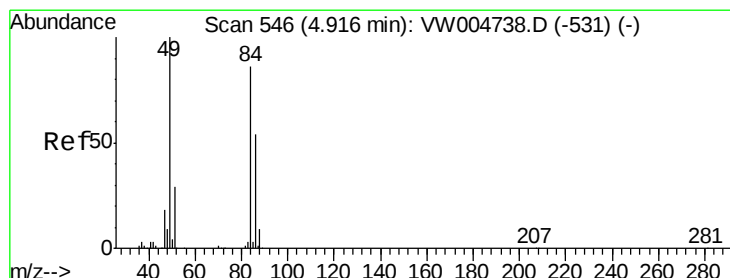
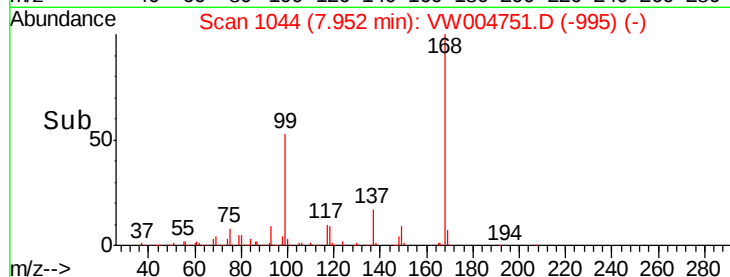
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 3.74 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004751.D

Acq: 17 Aug 2018 23:39

Tgt Ion: 84 Resp: 42128

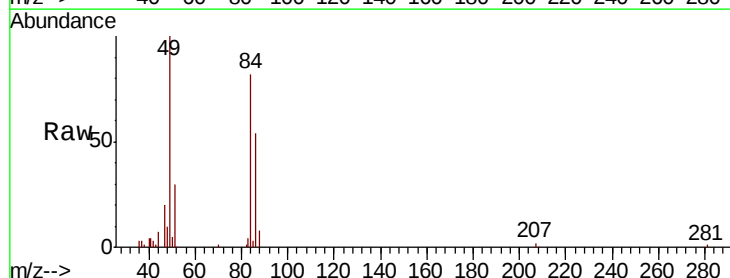
Ion Ratio Lower Upper

84 100

49 122.6 93.2 139.8

51 36.6 27.4 41.0

86 66.3 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

20000

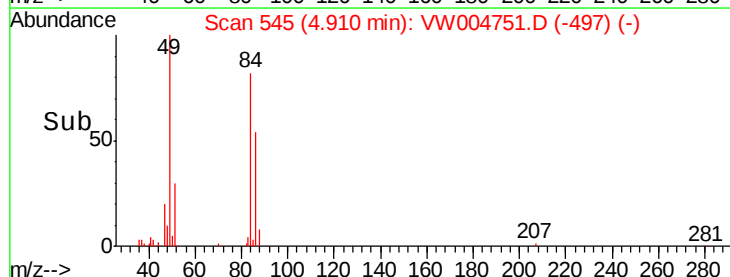
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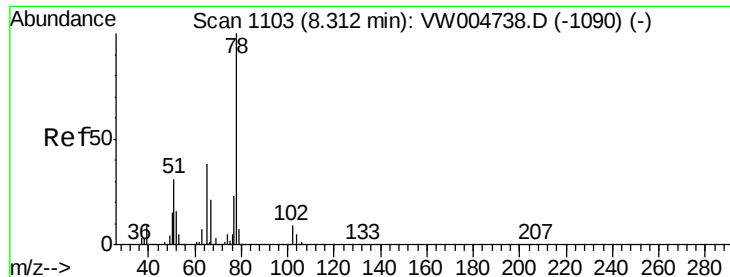
10000

5000

0

Time--> 4.80 4.90 5.00 5.10

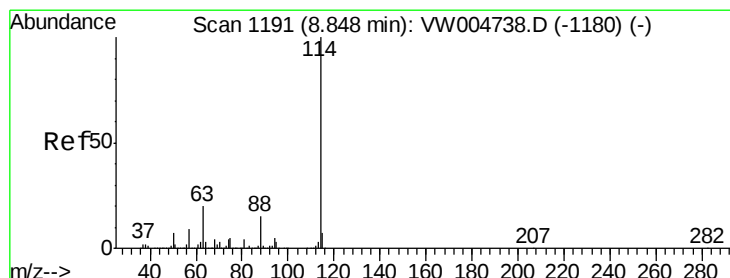
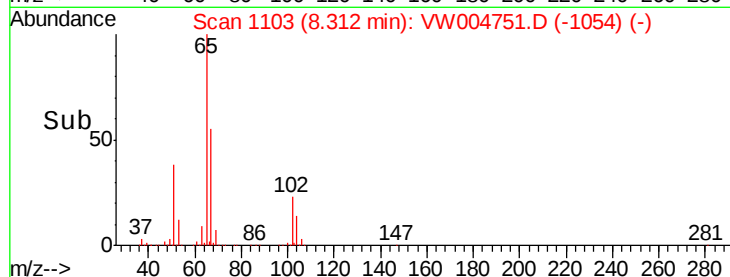
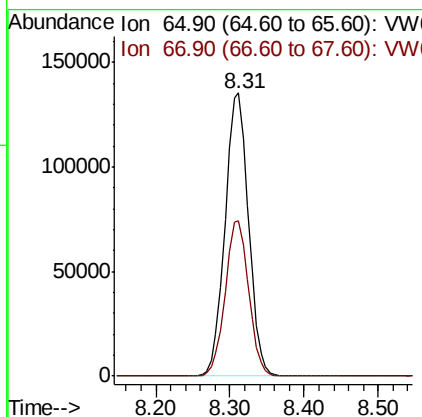
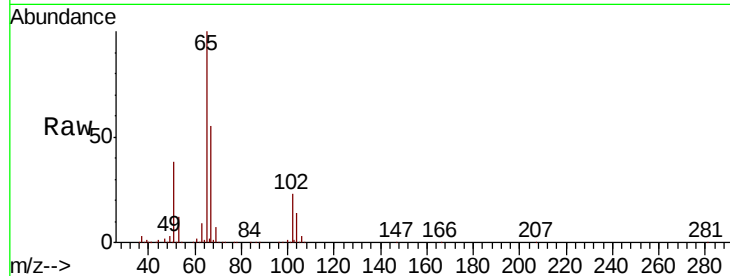




#33
 1,2-Dichloroethane-d4
 Concen: 63.76 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004751.D
 Acq: 17 Aug 2018 23:39

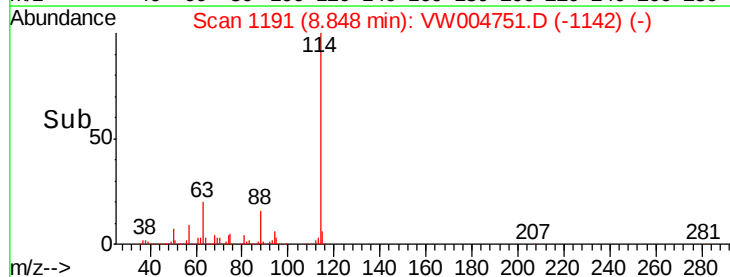
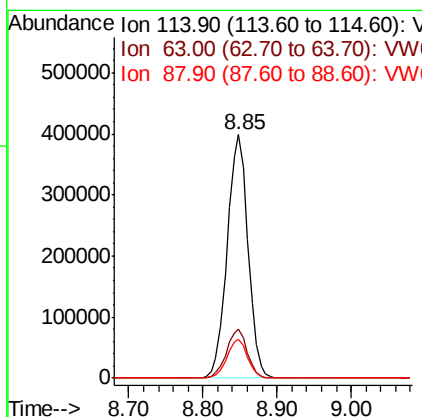
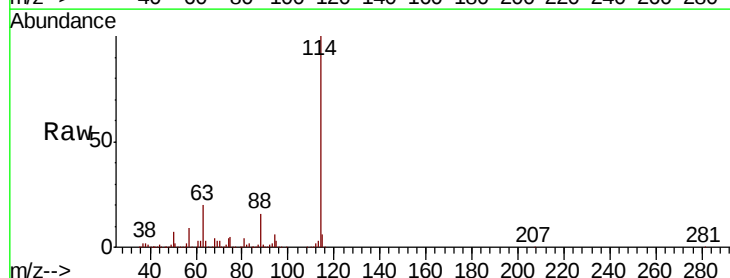
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 RA-080918-SW-002RE

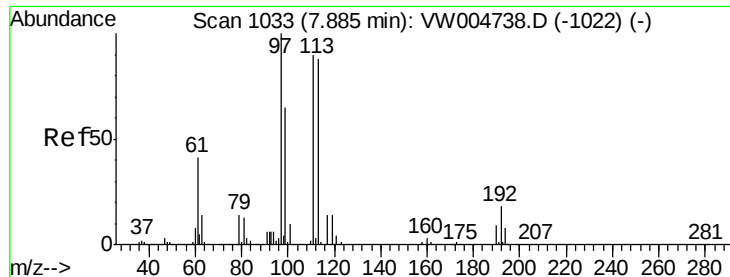
Tot Ion: 65 Resp: 297910
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004751.D
 Acq: 17 Aug 2018 23:39

Tgt Ion: 114 Resp: 777297
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 16.2 0.0 30.0

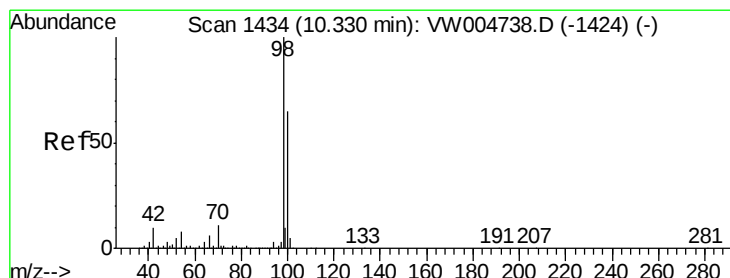
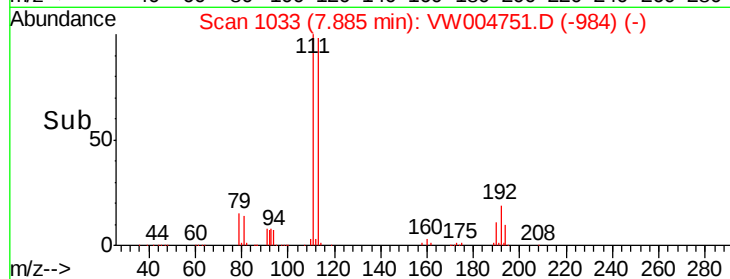
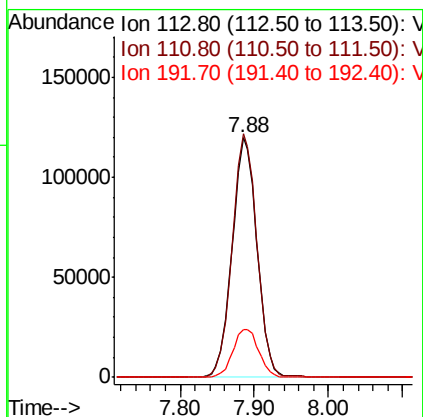
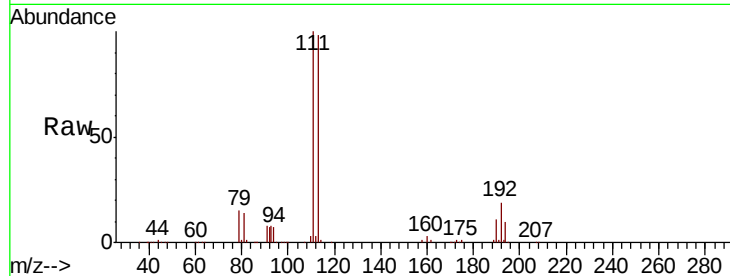




#35
 Dibromofluoromethane
 Concen: 56.34 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004751.D
 Acq: 17 Aug 2018 23:39

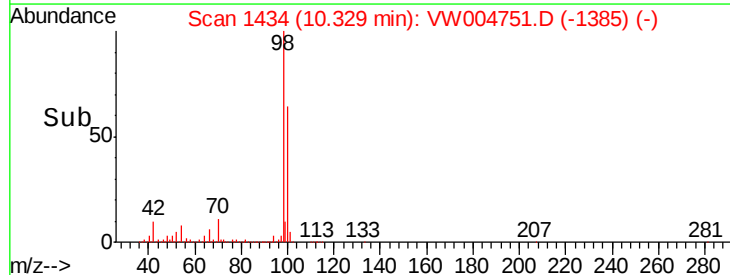
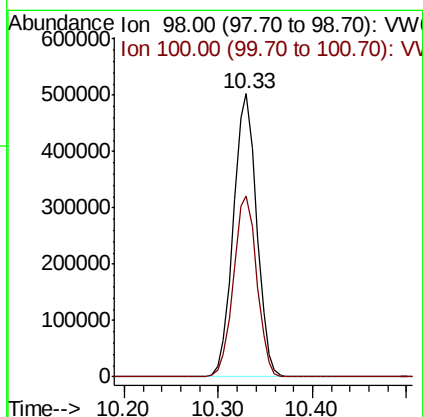
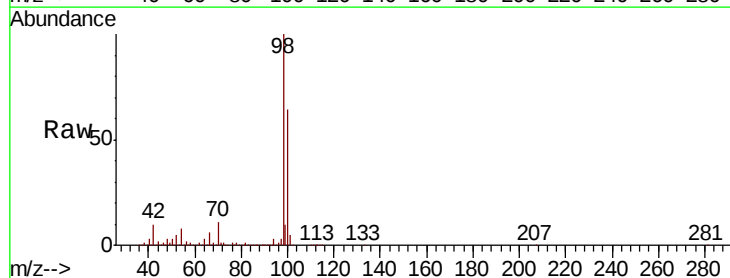
Instrument :
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 ClientSampleId :
 RA-080918-SW-002RE

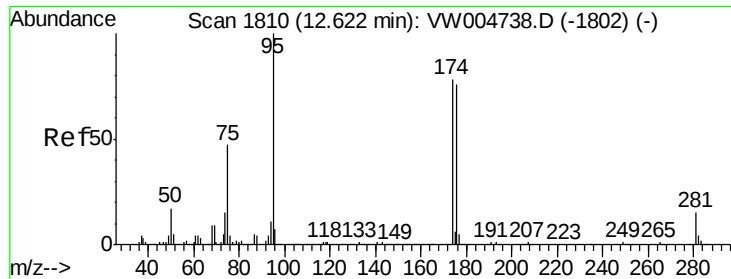
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	20.9	16.7	25.1



#50
 Toluene-d8
 Concen: 44.51 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004751.D
 Acq: 17 Aug 2018 23:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.8

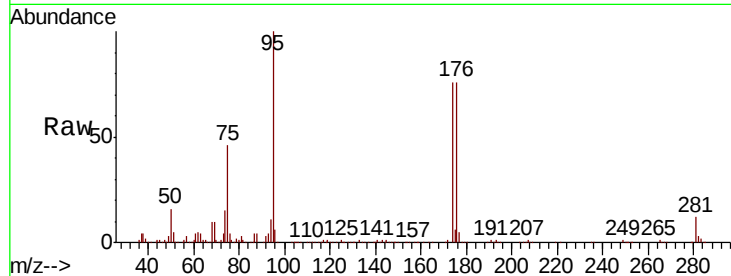




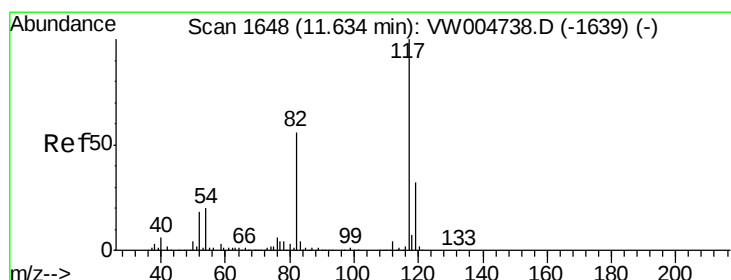
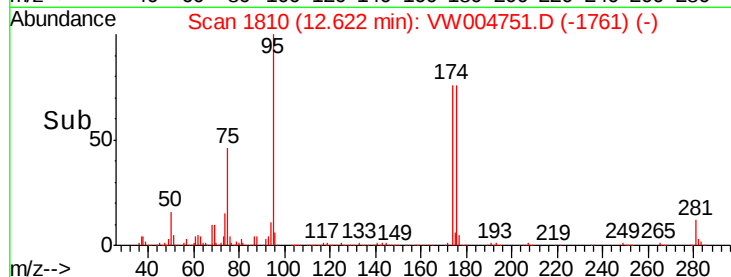
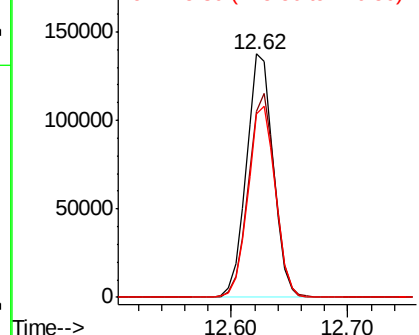
#62
4-Bromofluorobenzene
Concen: 31.76 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

Instrument :
MSVOA_W
ClientSampleId :
RA-080918-SW-002RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	165.8
176	79.9	0.0	159.8

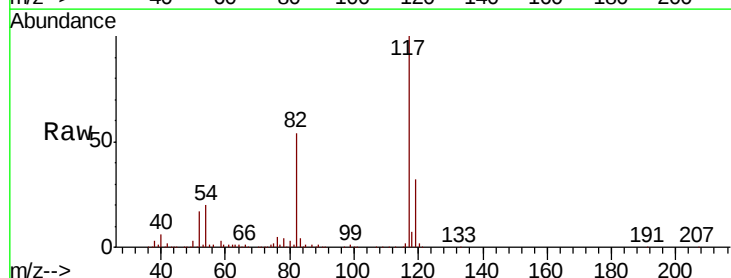


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

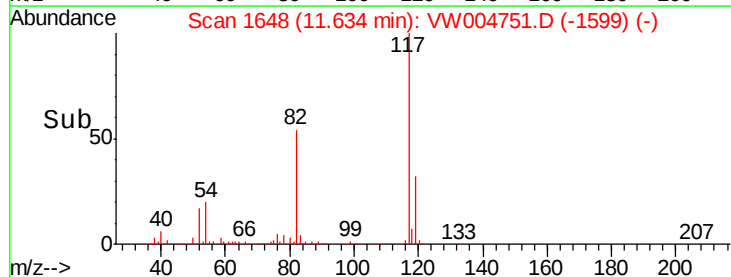
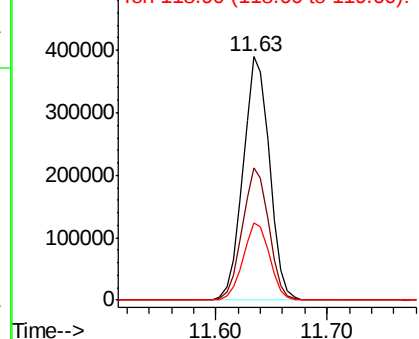


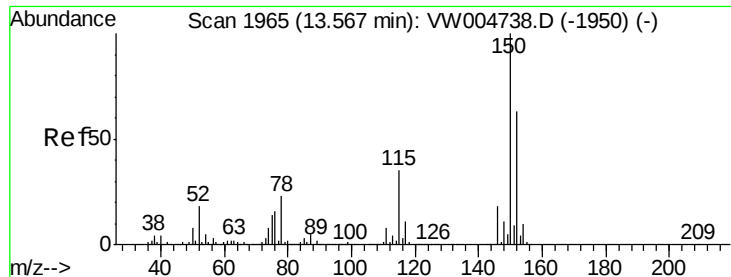
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004751.D
Acq: 17 Aug 2018 23:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.6	67.0
119	31.6	25.6	38.4



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004751.D

Acq: 17 Aug 2018 23:39

Instrument :

MSVOA_W

ClientSampleId :

RA-080918-SW-002RE

Tot Ion:152 Resp: 209681

Ion Ratio Lower Upper

152 100

115 56.8 28.5 85.5

150 156.4 0.0 344.8

