

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004753.D
 Acq On : 18 Aug 2018 00:30
 Operator : SY/AP
 Sample : J4460-09
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RA-081018-FL-009

Quant Time: Aug 18 05:32:26 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	587347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	967710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	845297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	343829	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	319504	56.27	ug/l	0.00
Spiked Amount			Recovery	=	112.54%	
35) Dibromofluoromethane	7.89	113	315467	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
50) Toluene-d8	10.33	98	1090337	45.16	ug/l	0.00
Spiked Amount			Recovery	=	90.32%	
62) 4-Bromofluorobenzene	12.62	95	323092	37.20	ug/l	0.00
Spiked Amount			Recovery	=	74.40%	

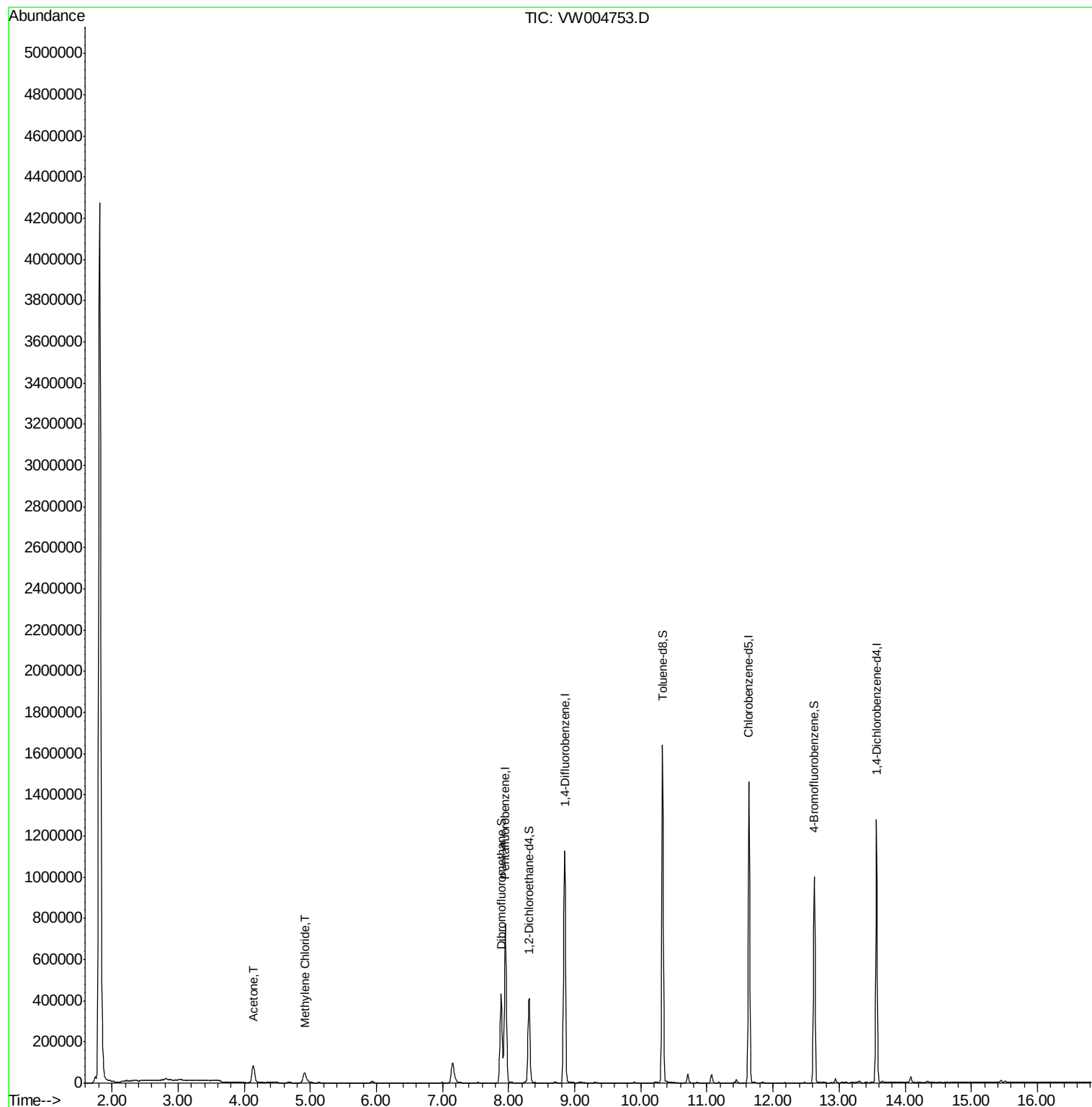
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	154327	106.46	ug/l	97
20) Methylene Chloride	4.91	84	46634	2.99	ug/l	94

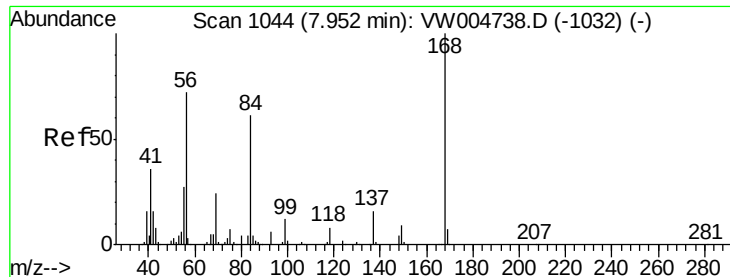
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 2018
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: VW004753.D

Acq: 18 Aug 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

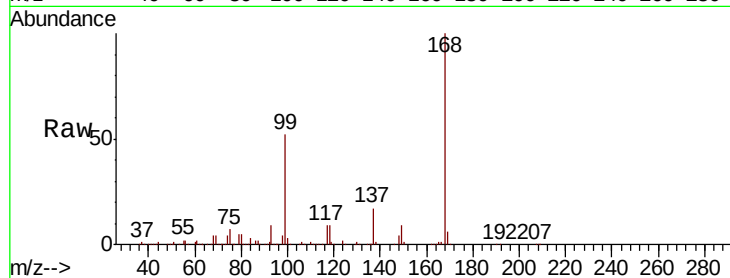
RA-081018-FL-009

Tot Ion:168 Resp: 587347

Ion Ratio Lower Upper

168 100

99 52.2 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

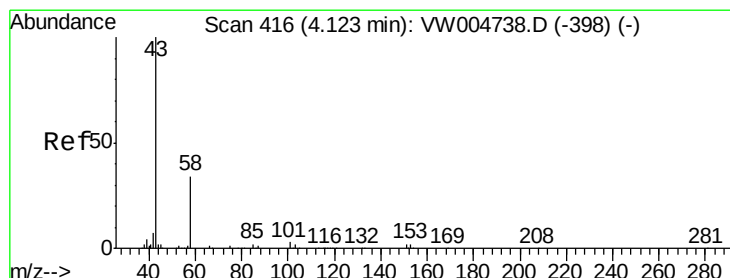
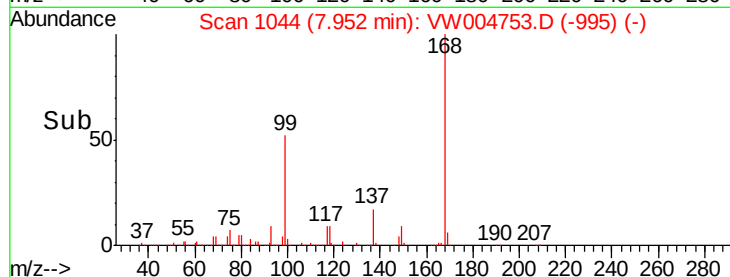
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 106.46 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.01 min

Lab File: VW004753.D

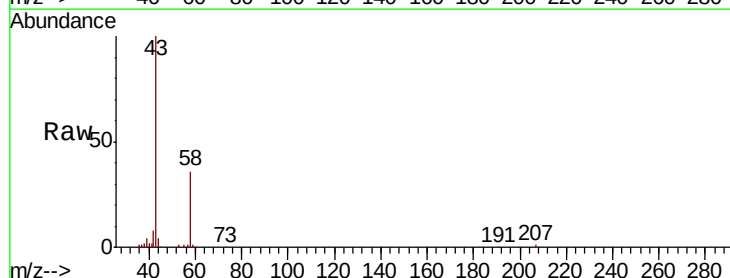
Acq: 18 Aug 2018 00:30

Tgt Ion: 43 Resp: 154327

Ion Ratio Lower Upper

43 100

58 35.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

60000

50000

40000

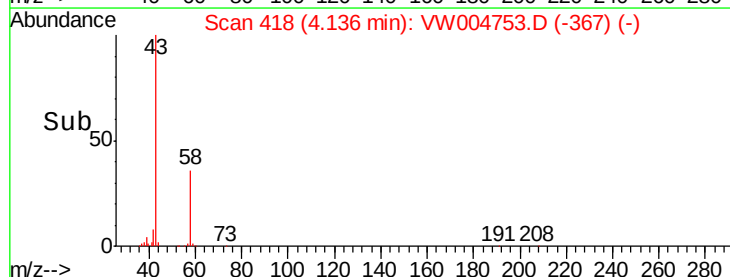
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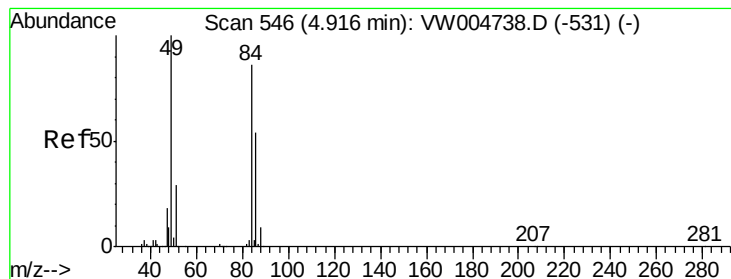
20000

10000

0

Time-->





#20

Methylene Chloride

Concen: 2.99 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004753.D

Acq: 18 Aug 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

RA-081018-FL-009

Tot Ion: 84 Resp: 46634

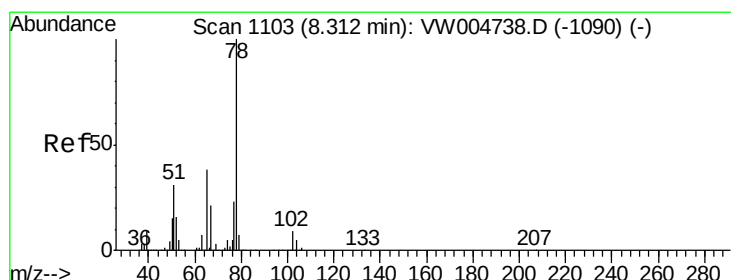
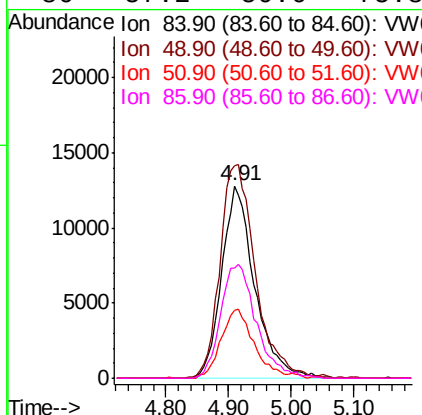
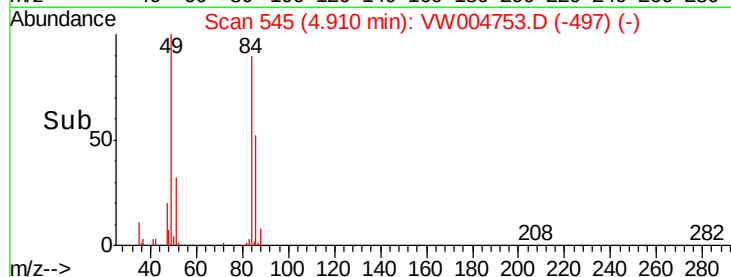
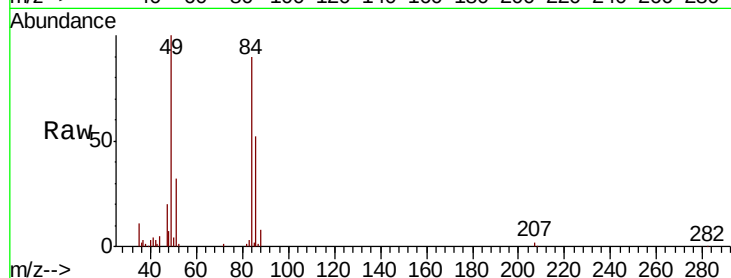
Ion Ratio Lower Upper

84 100

49 110.1 93.2 139.8

51 35.5 27.4 41.0

86 57.2 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 56.27 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004753.D

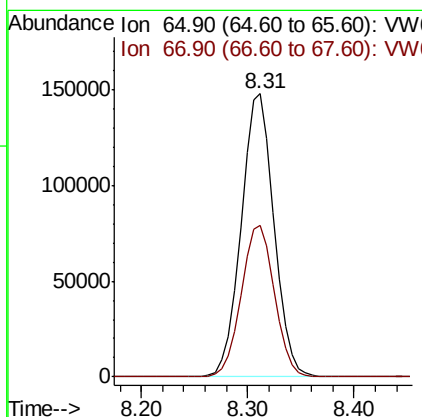
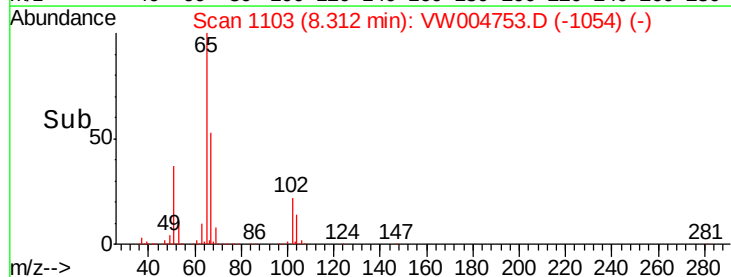
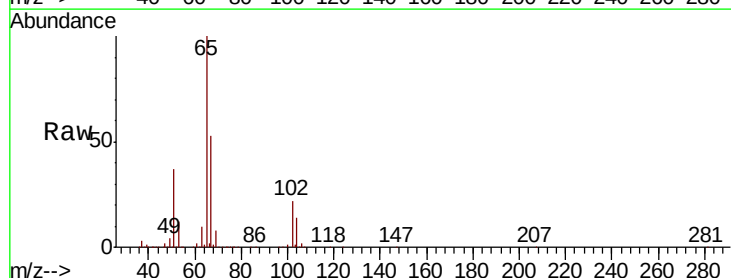
Acq: 18 Aug 2018 00:30

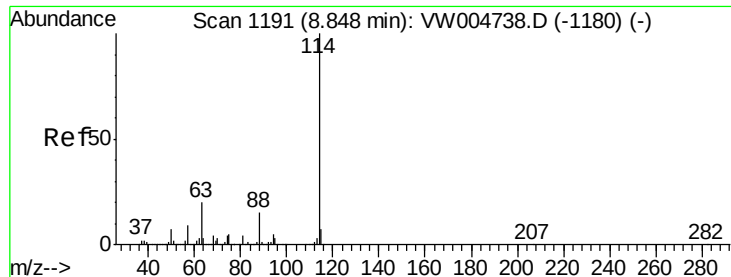
Tgt Ion: 65 Resp: 319504

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.4

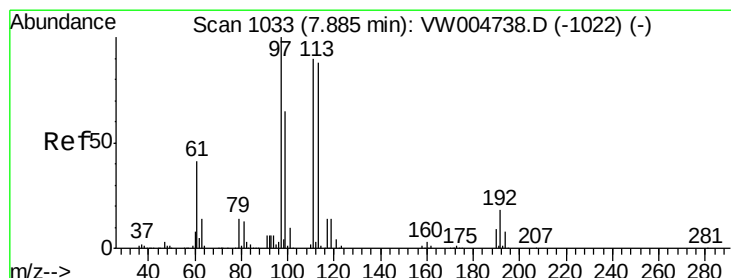
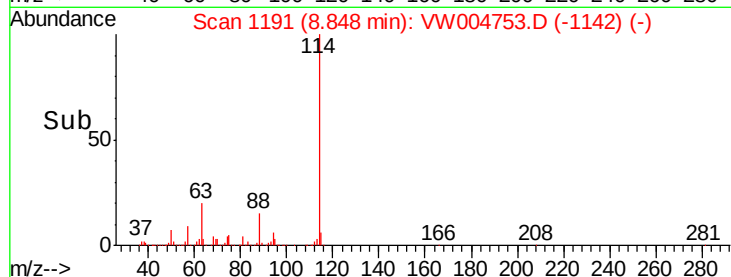
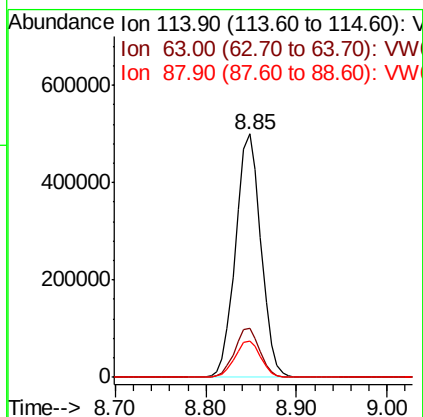
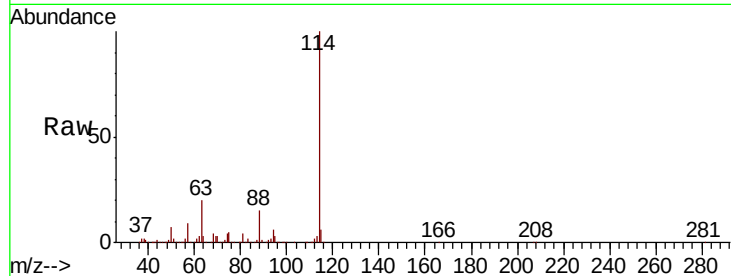




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004753.D
 Acq: 18 Aug 2018 00:30

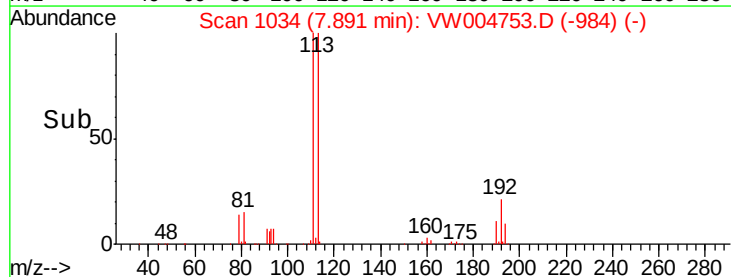
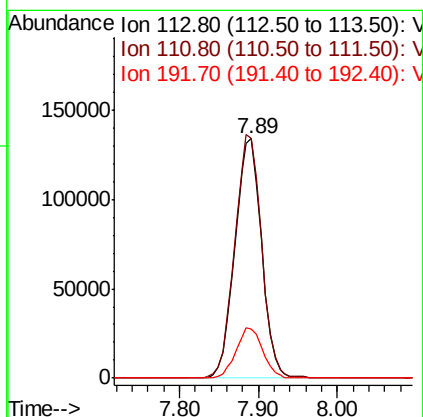
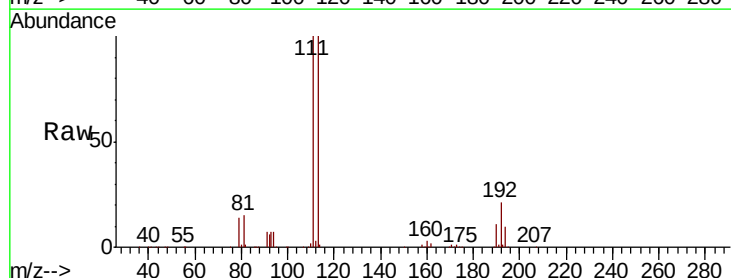
Instrument :
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 RA-081018-FL-009

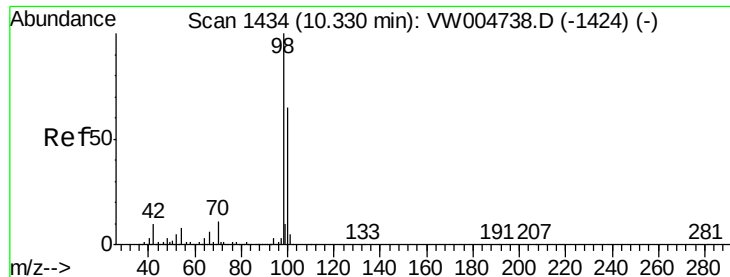
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.1	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 51.01 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004753.D
 Acq: 18 Aug 2018 00:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	21.0	16.7	25.1





#50

Toluene-d8

Concen: 45.16 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004753.D

Acq: 18 Aug 2018 00:30

Instrument :

MSVOA_W

ClientSampleId :

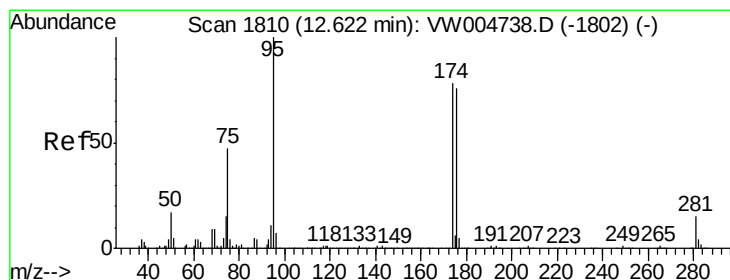
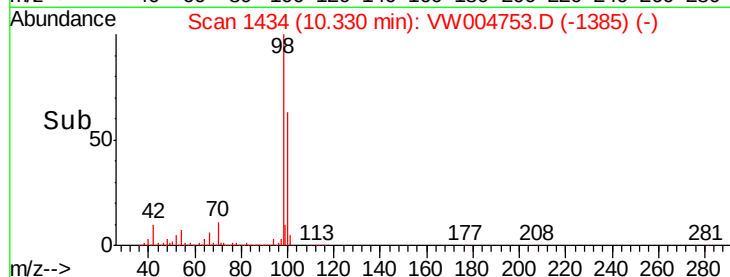
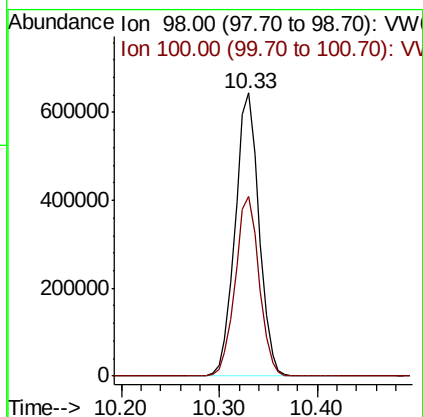
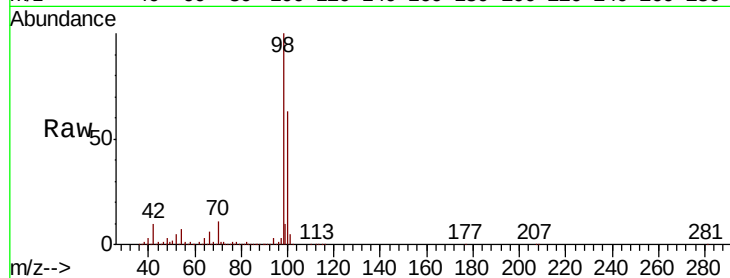
RA-081018-FL-009

Tot Ion: 98 Resp: 1090337

Ion Ratio Lower Upper

98 100

100 63.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 37.20 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004753.D

Acq: 18 Aug 2018 00:30

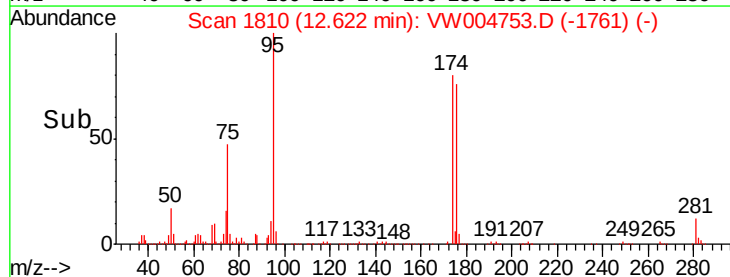
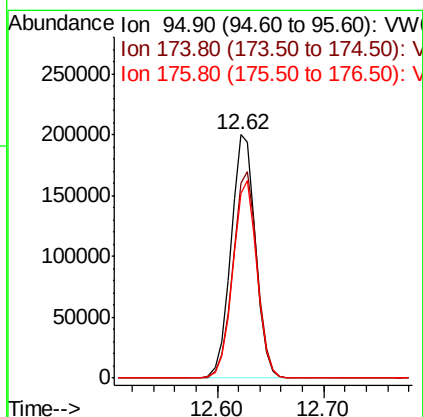
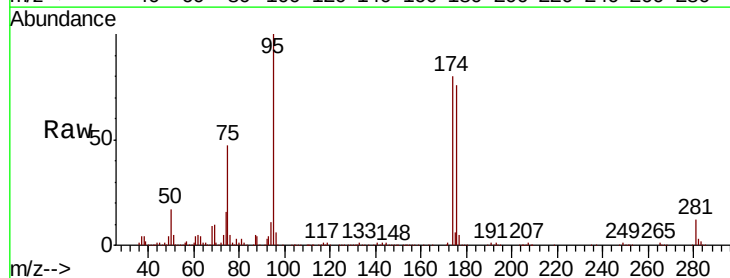
Tgt Ion: 95 Resp: 323092

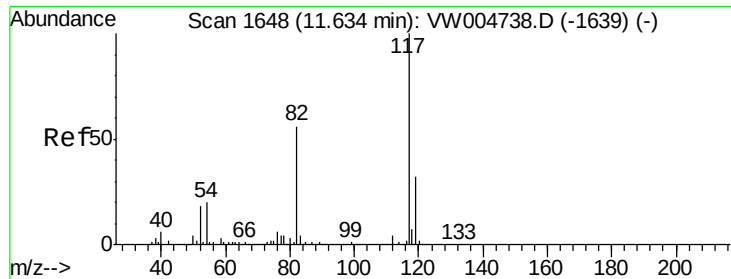
Ion Ratio Lower Upper

95 100

174 84.2 0.0 165.8

176 79.9 0.0 159.8

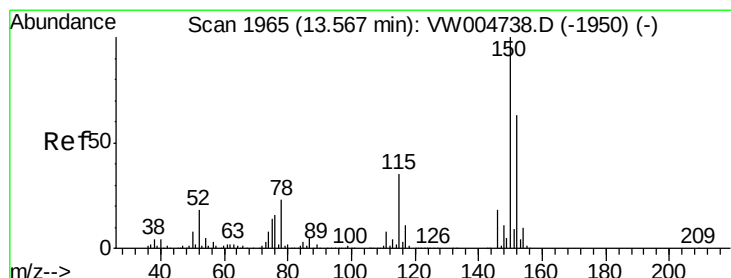
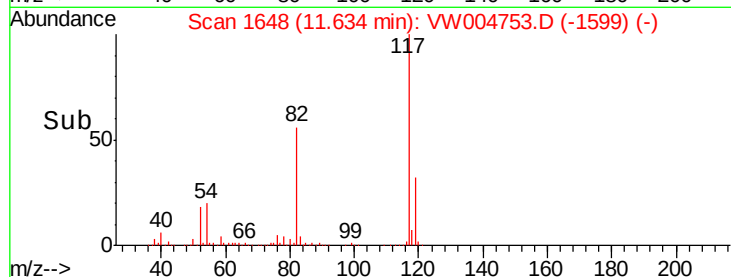
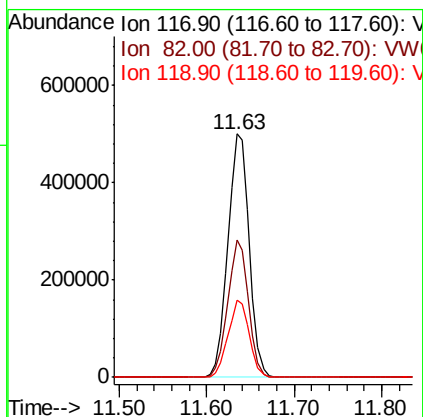
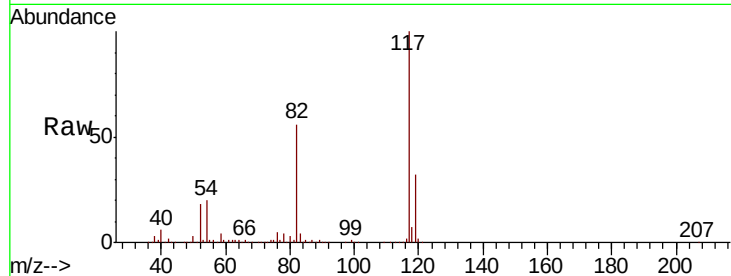




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004753.D
Acq: 18 Aug 2018 00:30

Instrument :
MSVOA_W
ClientSampleId :
RA-081018-FL-009

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.6	67.0
119	31.7	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: VW004753.D
Acq: 18 Aug 2018 00:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.5	85.5
150	158.2	0.0	344.8

