

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004841.D
 Acq On : 21 Aug 2018 15:11
 Operator : SY/AP
 Sample : J4277-07
 Misc : 3.02G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-081718-B

Quant Time: Aug 22 05:49:36 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	7.96	168	32252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	46889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	42230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14236	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	18873	60.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.06%	
35) Dibromofluoromethane	7.89	113	18202	60.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.48%	
50) Toluene-d8	10.33	98	53505	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.63	95	13916	33.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.14%	

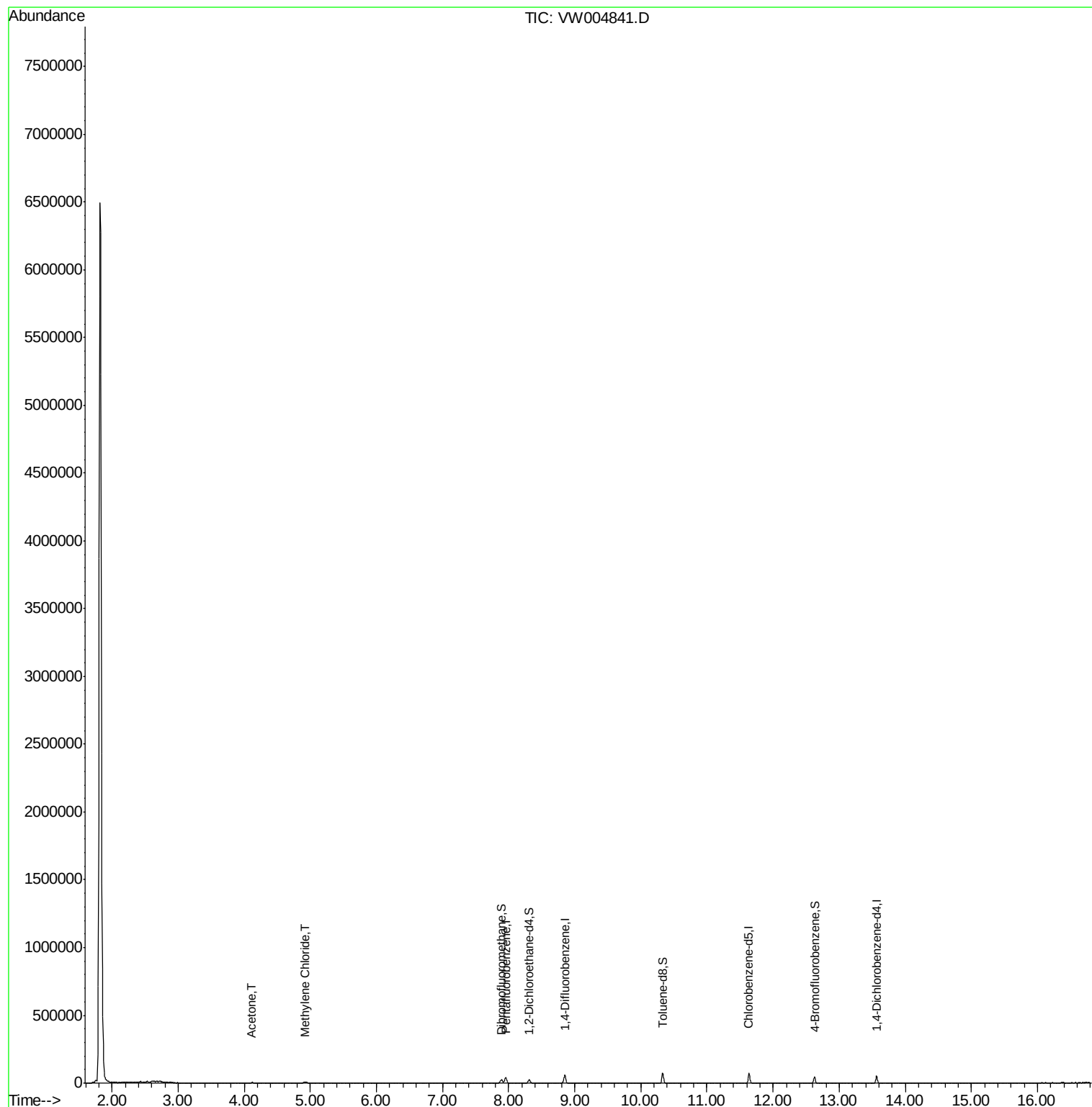
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	5983	75.17	ug/l	90
20) Methylene Chloride	4.93	84	7220	17.02	ug/l #	82

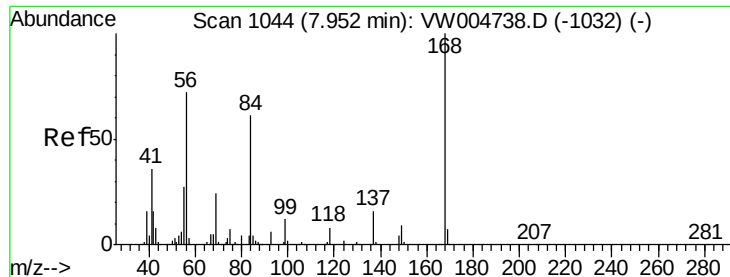
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW004841.D

Acq: 21 Aug 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

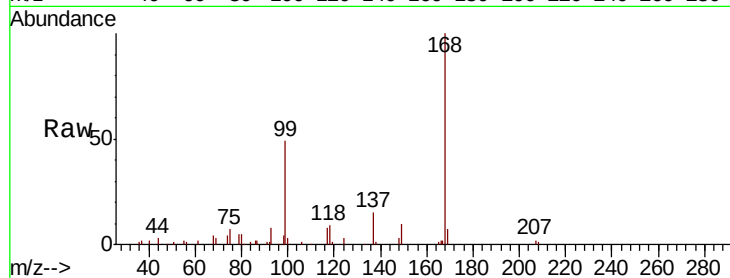
OR-03-081718-B

Tot Ion:168 Resp: 32252

Ion Ratio Lower Upper

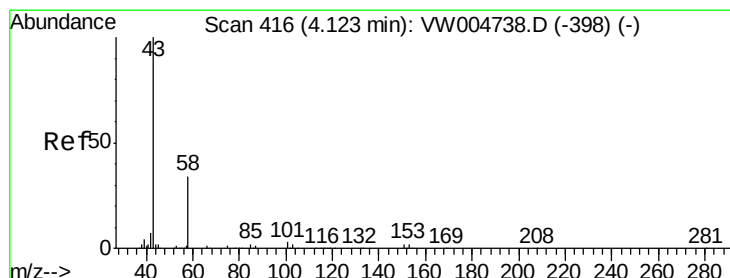
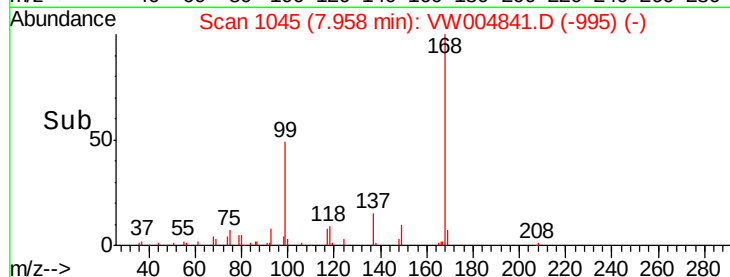
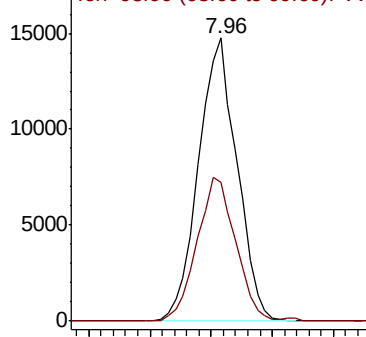
168 100

99 49.1 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 75.17 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW004841.D

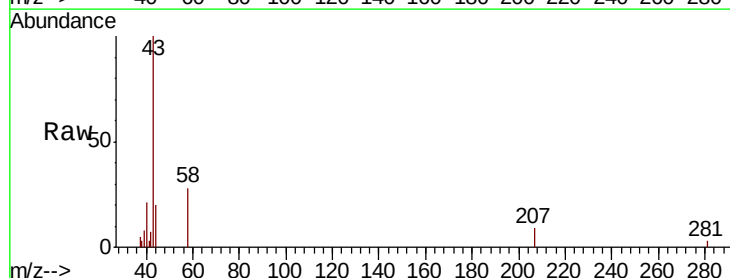
Acq: 21 Aug 2018 15:11

Tgt Ion: 43 Resp: 5983

Ion Ratio Lower Upper

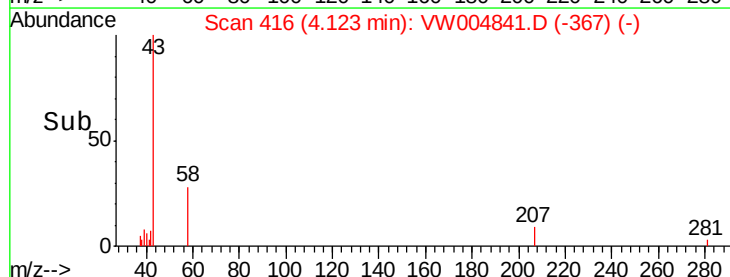
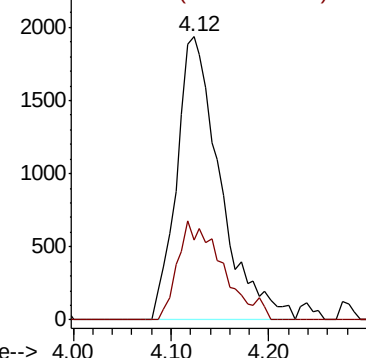
43 100

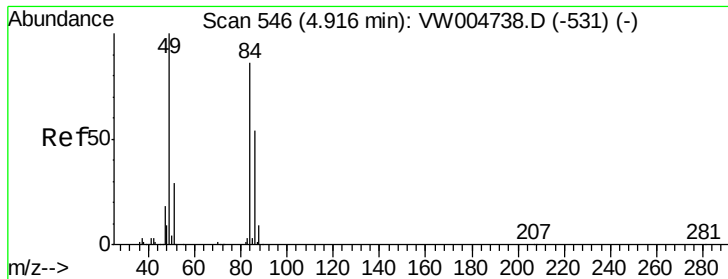
58 28.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

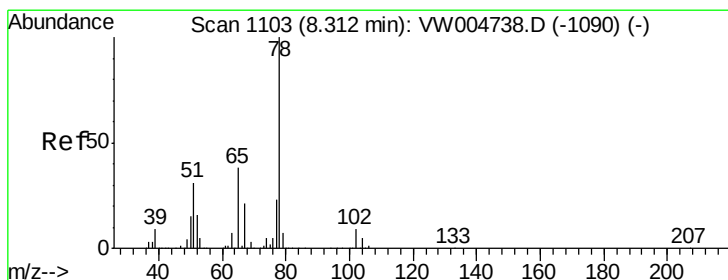
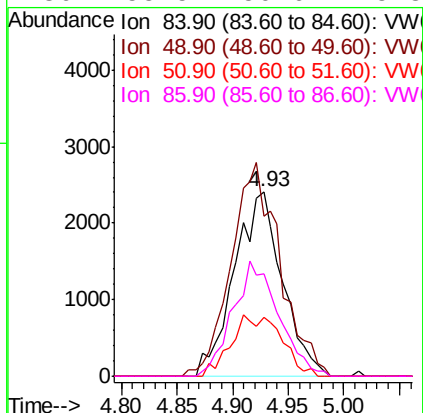
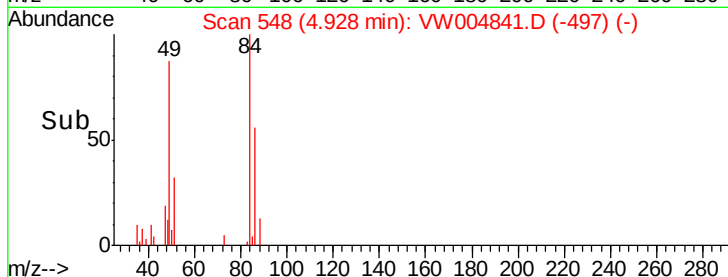
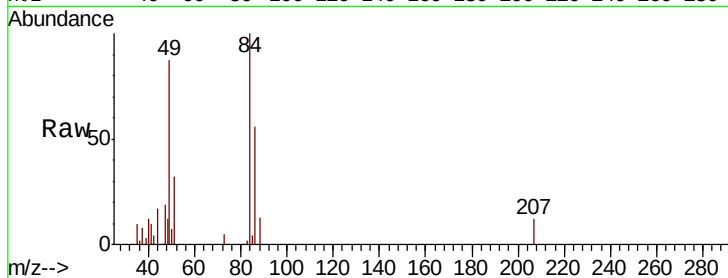




#20
Methylene Chloride
Concen: 17.02 ug/l
RT: 4.93 min Scan# 548
Delta R.T. 0.01 min
Lab File: VW004841.D
Acq: 21 Aug 2018 15:11

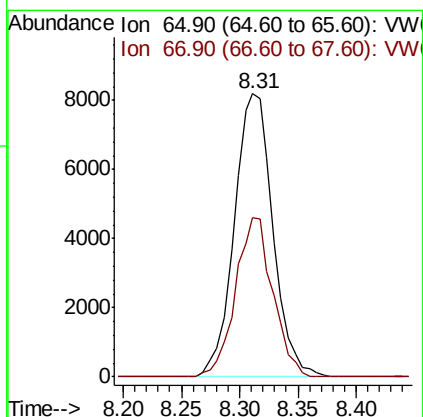
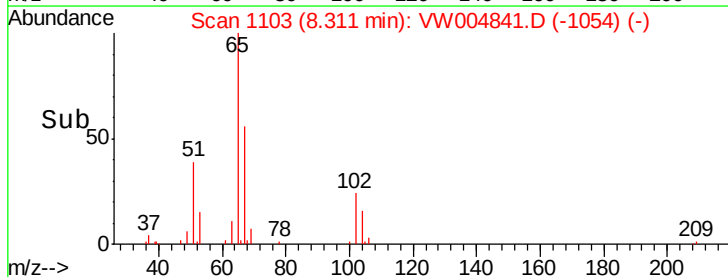
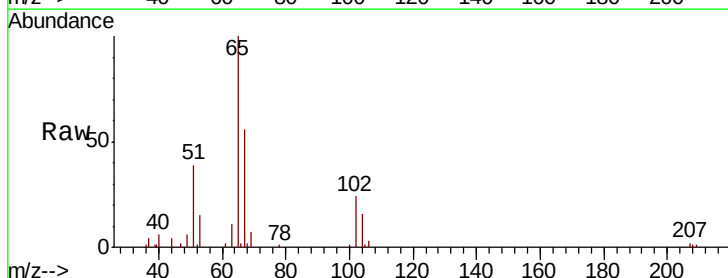
Instrument :
MSVOA_W
ClientSampleId :
OR-03-081718-B

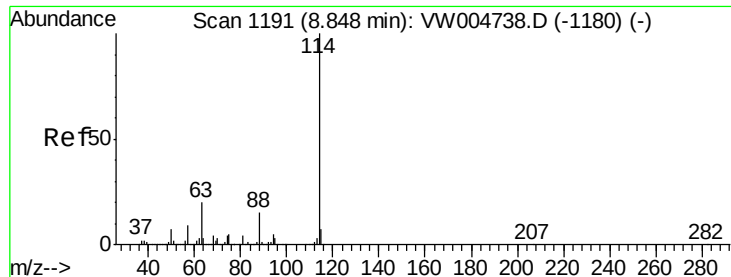
Tot Ion: 84 Resp: 7220
Ion Ratio Lower Upper
84 100
49 86.8 93.2 139.8#
51 32.2 27.4 41.0
86 55.5 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 60.53 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004841.D
Acq: 21 Aug 2018 15:11

Tgt Ion: 65 Resp: 18873
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.4

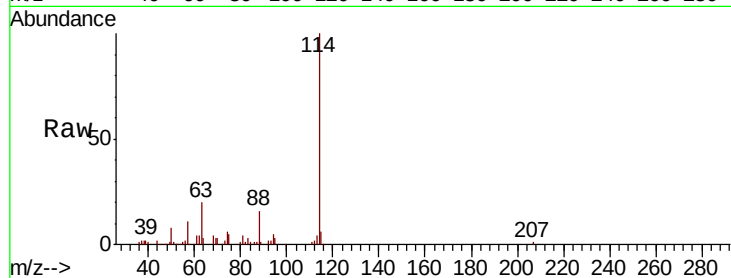




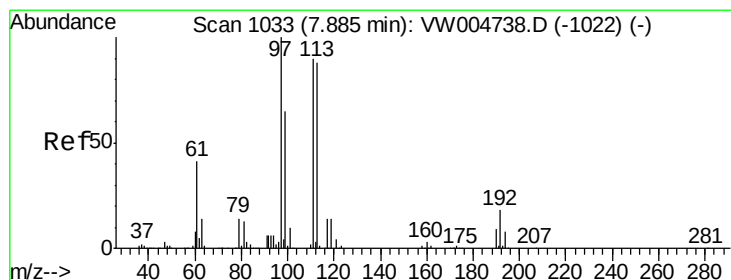
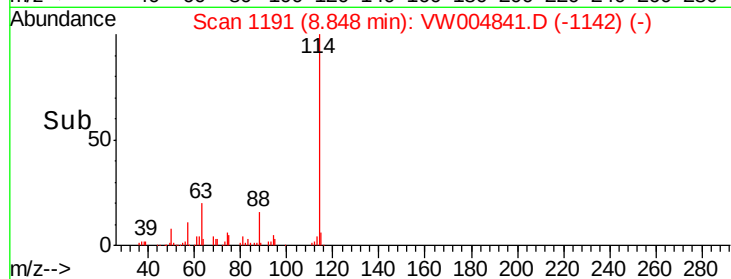
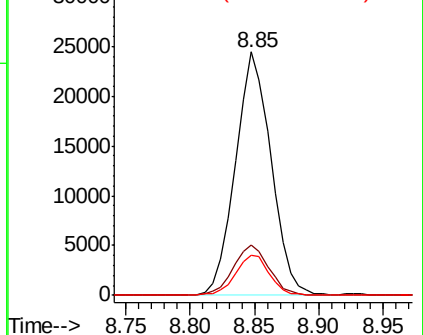
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004841.D
 Acq: 21 Aug 2018 15:11

Instrument :
 MSVOA_W
 ClientSampleId :
 OR-03-081718-B

Tot Ion:114	Resp:	46889
Ion	Ratio	Lower Upper
114	100	
63	20.4	0.0 39.0
88	16.2	0.0 30.0

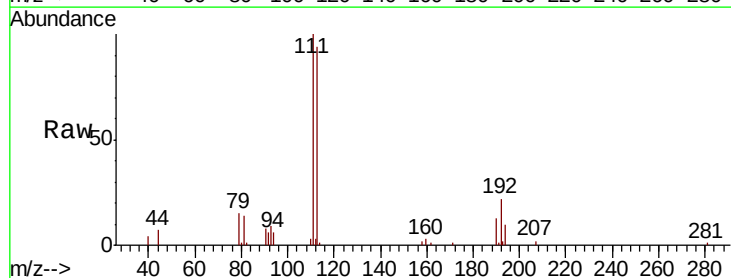


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

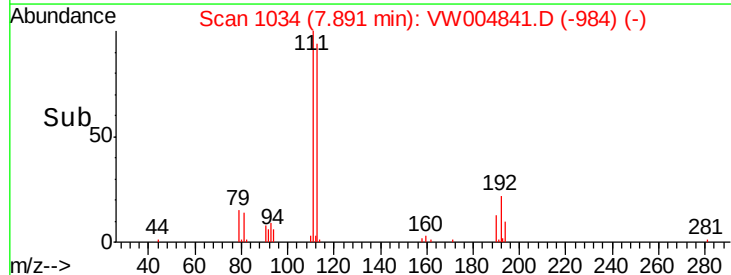
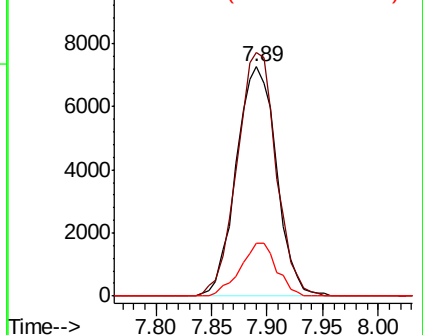


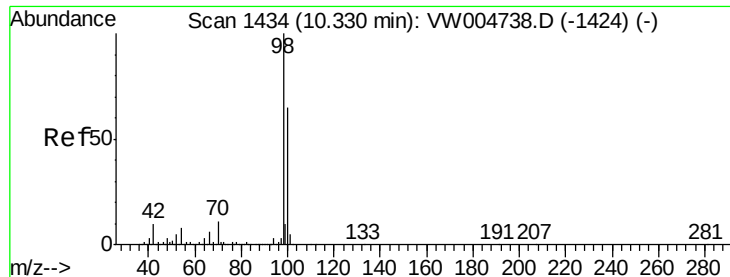
#35
 Dibromofluoromethane
 Concen: 60.74 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004841.D
 Acq: 21 Aug 2018 15:11

Tgt Ion:113	Resp:	18202
Ion	Ratio	Lower Upper
113	100	
111	103.5	82.4 123.6
192	20.7	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: 45.74 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004841.D

Acq: 21 Aug 2018 15:11

Instrument :

MSVOA_W

ClientSampleId :

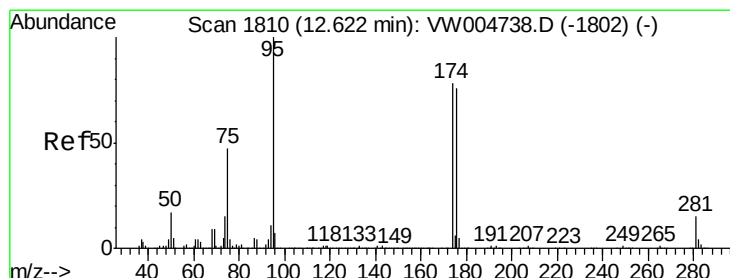
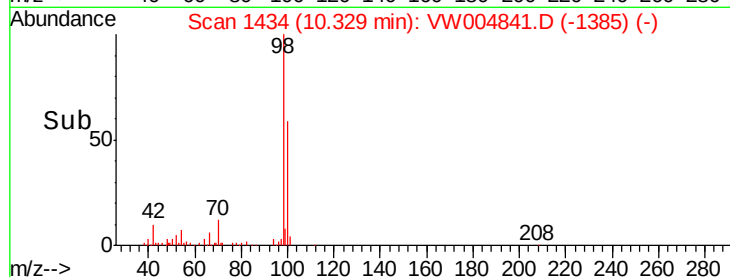
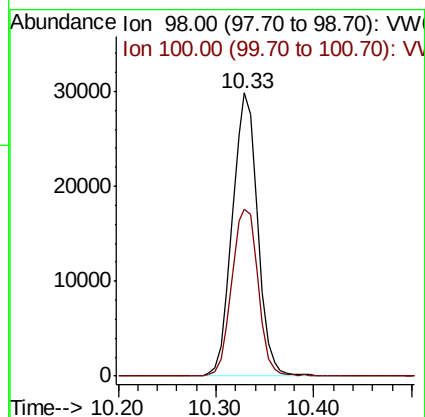
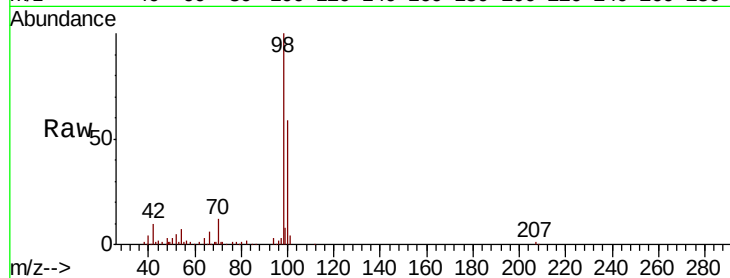
OR-03-081718-B

Tot Ion: 98 Resp: 53505

Ion Ratio Lower Upper

98 100

100 61.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 33.07 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004841.D

Acq: 21 Aug 2018 15:11

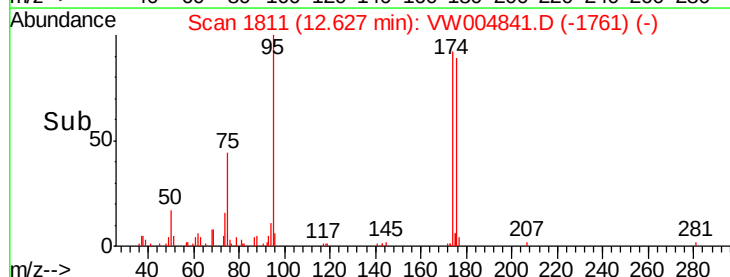
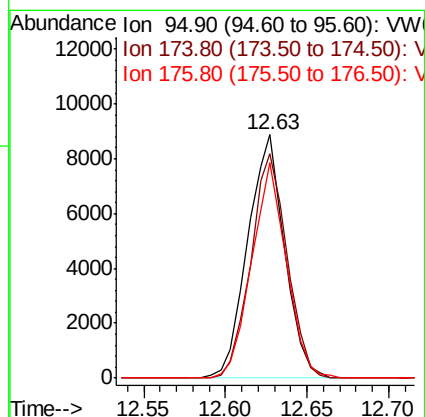
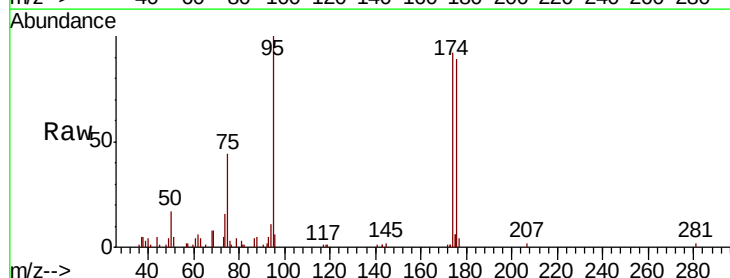
Tgt Ion: 95 Resp: 13916

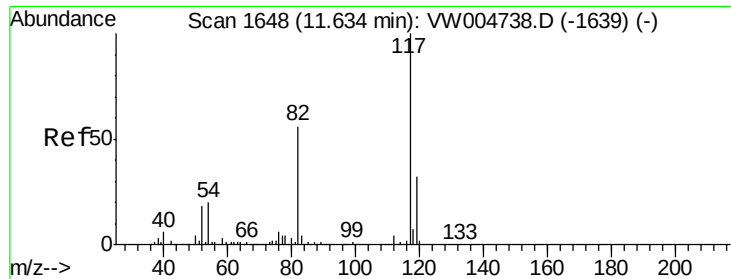
Ion Ratio Lower Upper

95 100

174 90.8 0.0 165.8

176 83.8 0.0 159.8

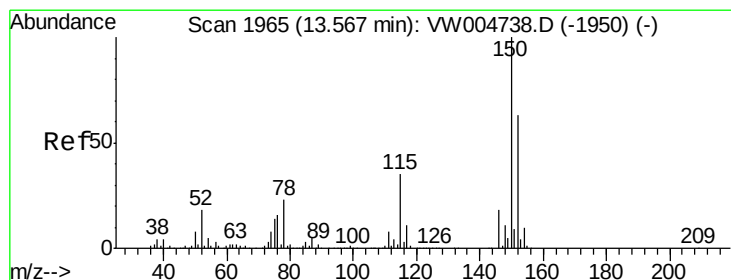
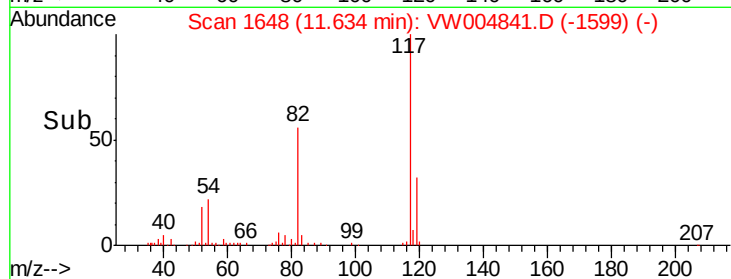
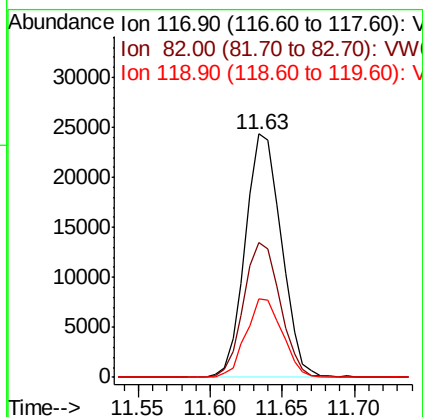
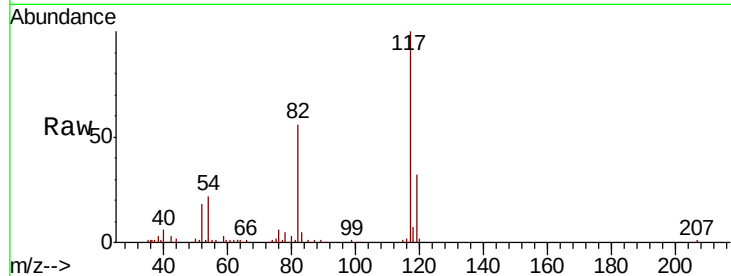




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004841.D
Acq: 21 Aug 2018 15:11

Instrument :
MSVOA_W
ClientSampleId :
OR-03-081718-B

Tot Ion:117 Resp: 42230
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 32.2 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: VW004841.D
Acq: 21 Aug 2018 15:11

Tgt Ion:152 Resp: 14236
Ion Ratio Lower Upper
152 100
115 56.3 28.5 85.5
150 162.5 0.0 344.8

