

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081718\
 Data File : VW004707.D
 Acq On : 15 Aug 2018 20:44
 Operator : SY/AP
 Sample : J4471-09
 Misc : 3.92G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Quant Time: Aug 16 05:27:22 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

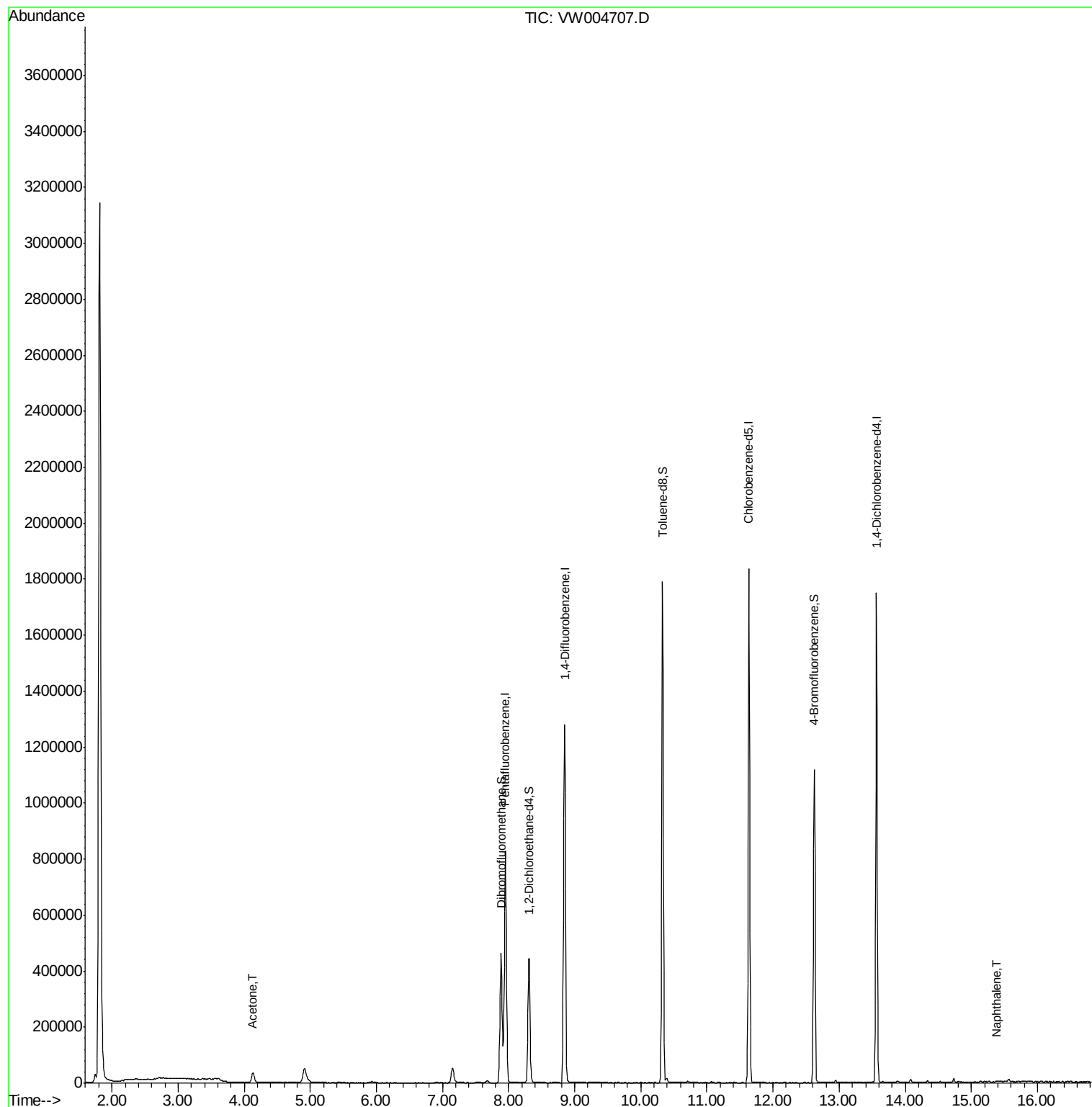
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	628429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1087167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1028551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	468247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	349107	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
35) Dibromofluoromethane	7.88	113	336076	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
50) Toluene-d8	10.33	98	1208362	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
62) 4-Bromofluorobenzene	12.62	95	382881	38.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.92%	
Target Compounds						
16) Acetone	4.13	43	62740	36.11	ug/l	98
95) Naphthalene	15.38	128	1983	3.00	ug/l #	92

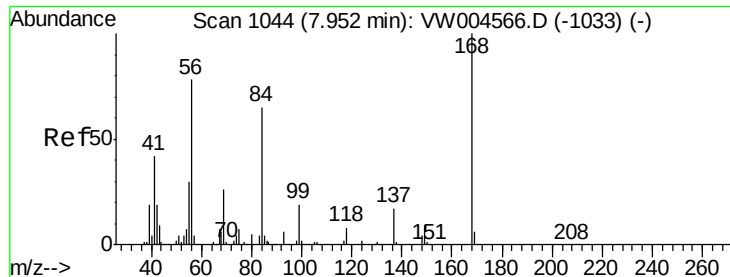
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
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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: VW004707.D

Acq: 15 Aug 2018 20:44

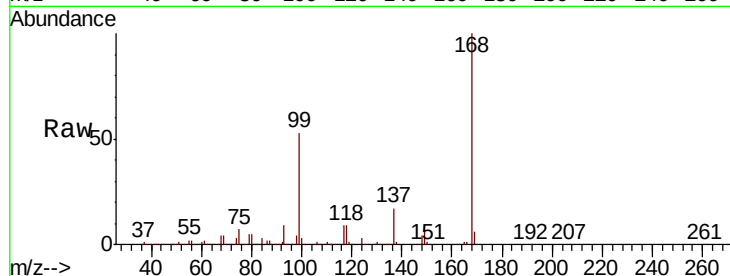
Instrument :
MSVOA_W
ClientSampleId :
TP-3

Tot Ion:168 Resp: 628429

Ion Ratio Lower Upper

168 100

99 53.3 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

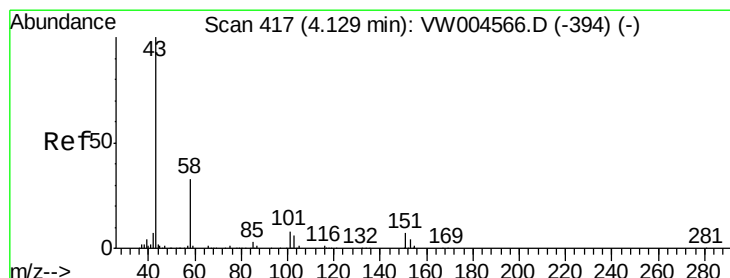
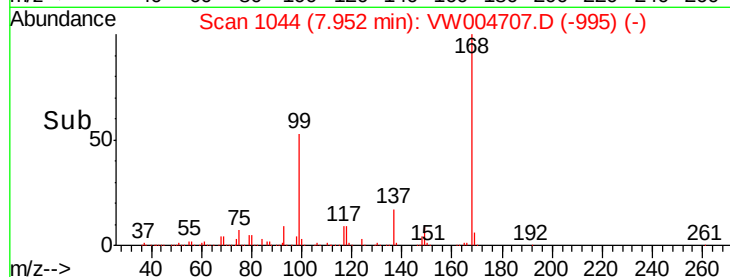
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 36.11 ug/l

RT: 4.13 min Scan# 417

Delta R.T. -0.01 min

Lab File: VW004707.D

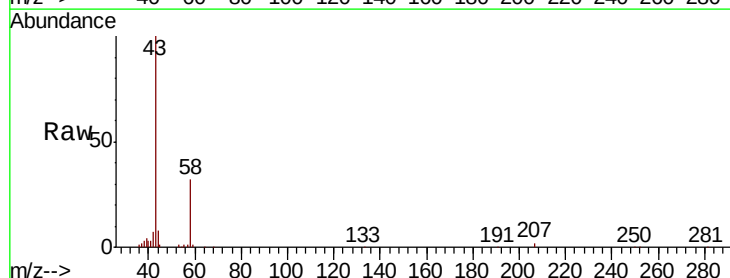
Acq: 15 Aug 2018 20:44

Tgt Ion: 43 Resp: 62740

Ion Ratio Lower Upper

43 100

58 32.5 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

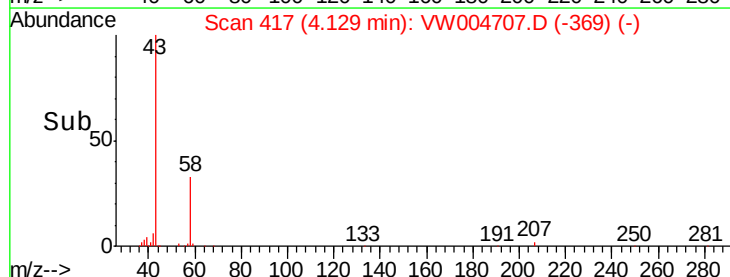
15000

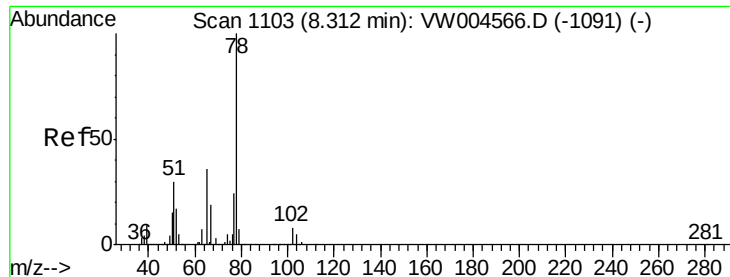
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5000

0

Time-->

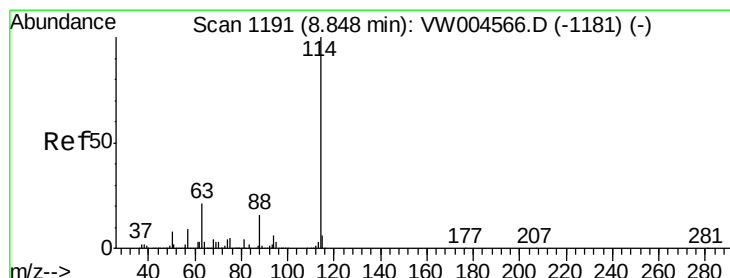
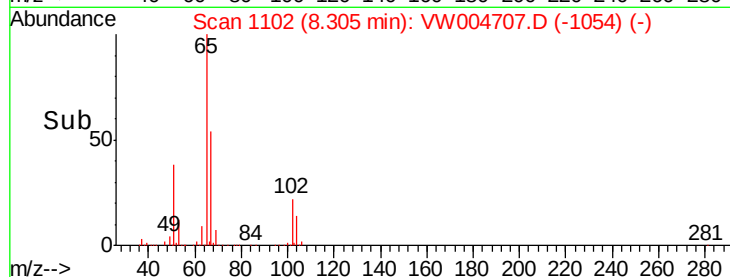
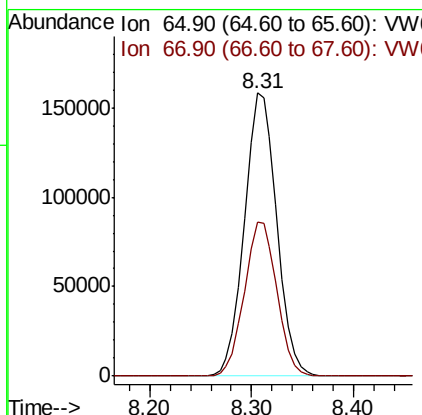
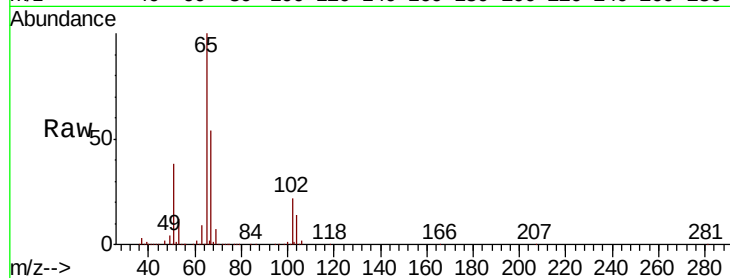




#33
 1,2-Dichloroethane-d4
 Concen: 50.18 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004707.D
 Acq: 15 Aug 2018 20:44

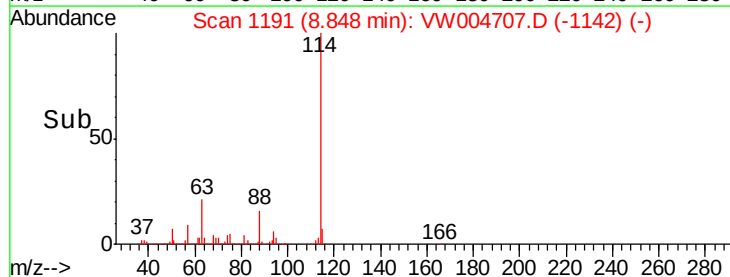
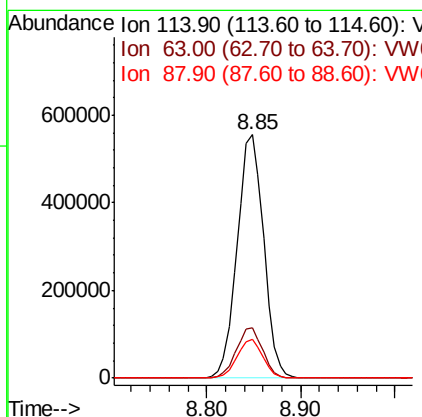
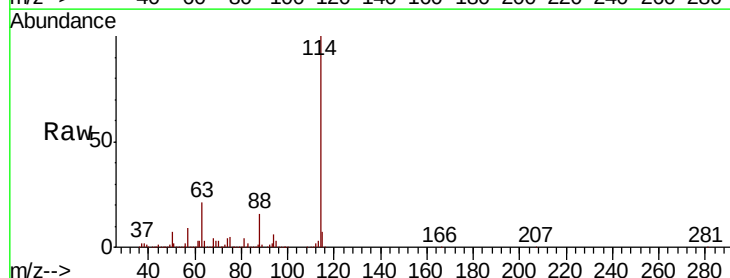
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

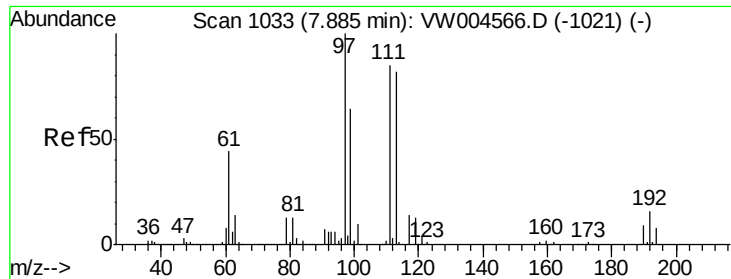
Tot Ion: 65 Resp: 349107
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004707.D
 Acq: 15 Aug 2018 20:44

Tgt Ion: 114 Resp: 1087167
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 15.9 0.0 31.2

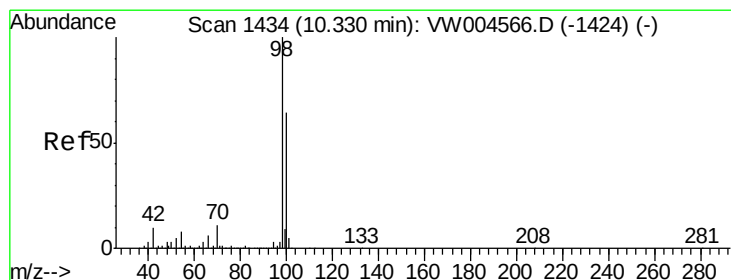
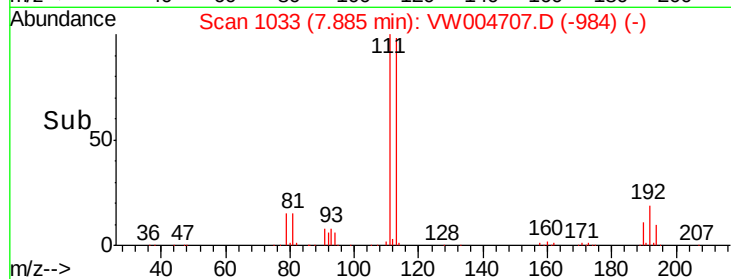
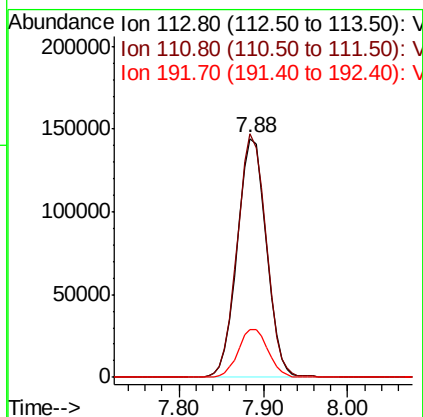
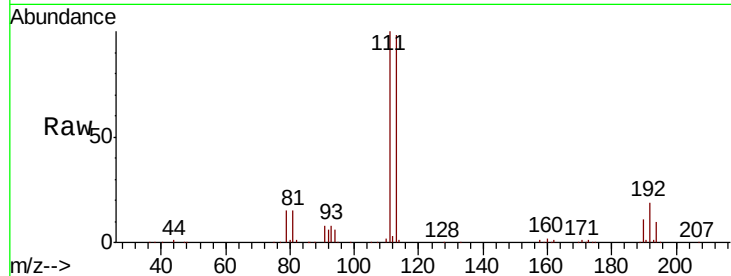




#35
 Dibromofluoromethane
 Concen: 46.36 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004707.D
 Acq: 15 Aug 2018 20:44

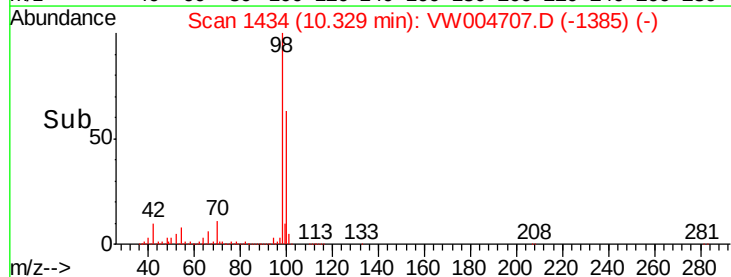
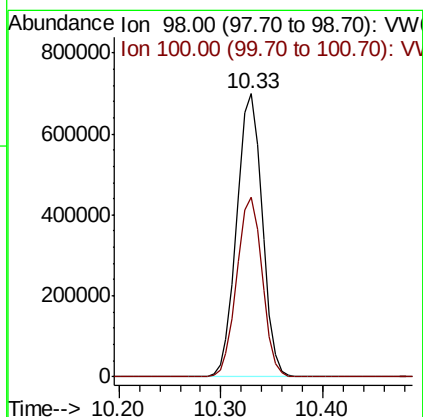
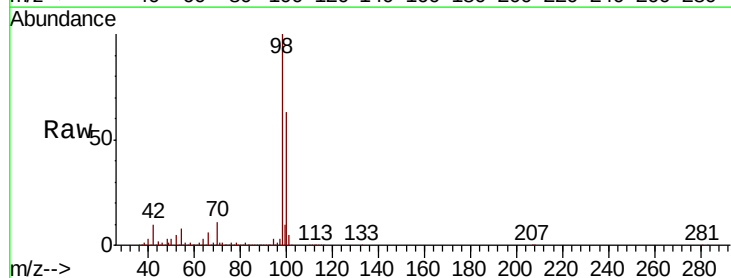
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

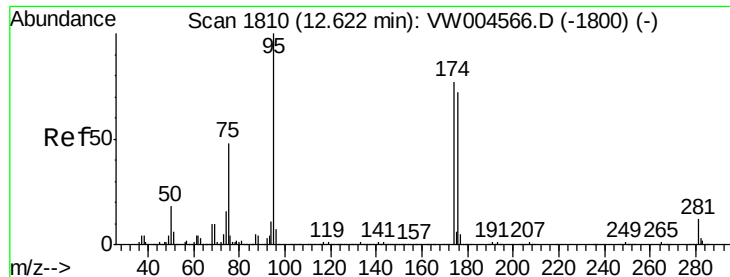
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.9	124.3
192	20.6	15.8	23.6



#50
 Toluene-d8
 Concen: 43.73 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004707.D
 Acq: 15 Aug 2018 20:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.4	77.2

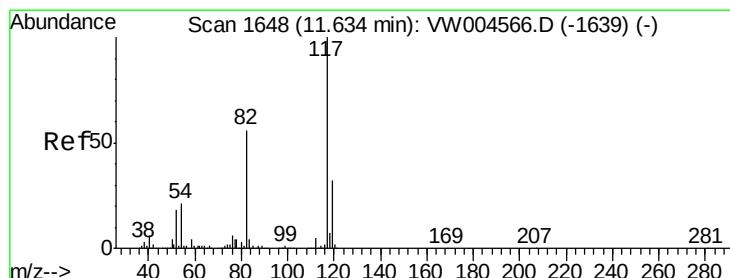
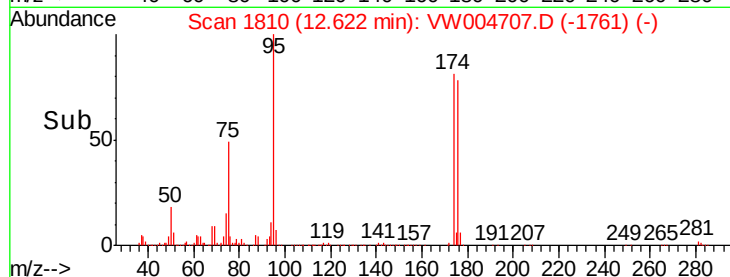
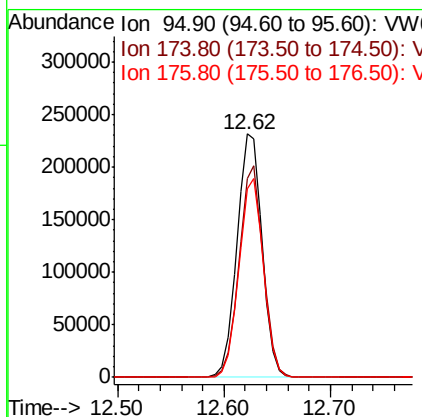
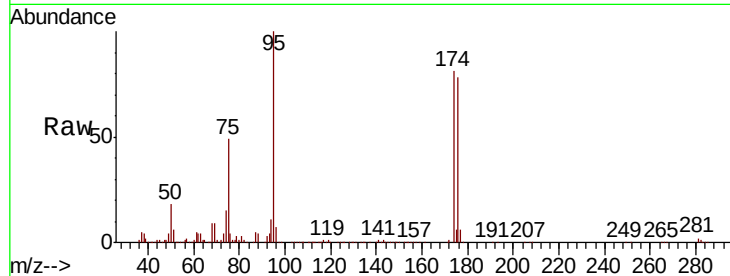




#62
4-Bromofluorobenzene
Concen: 38.46 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004707.D
Acq: 15 Aug 2018 20:44

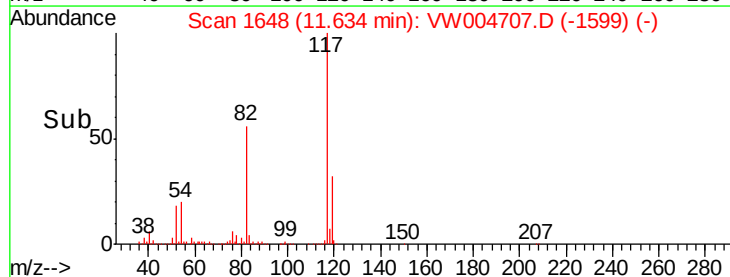
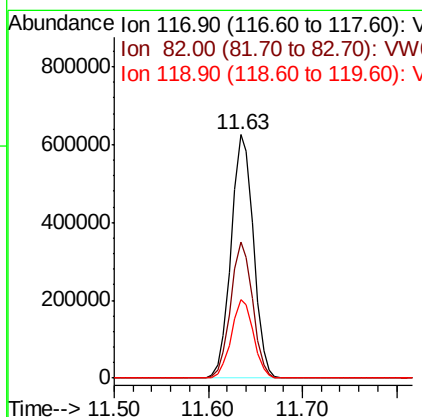
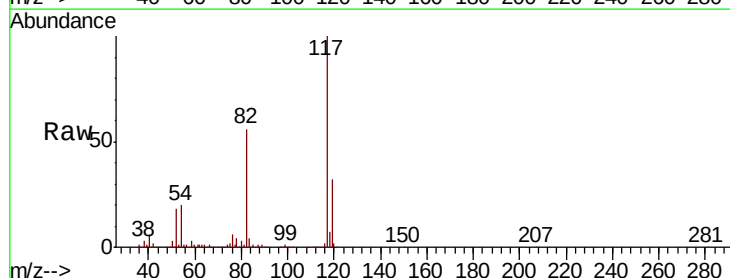
Instrument :
MSVOA_W
ClientSampled :
TP-3

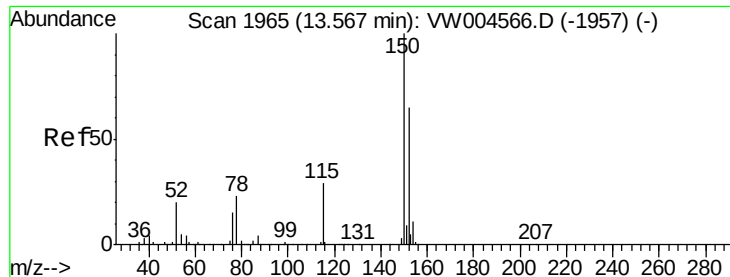
Tot Ion: 95 Resp: 382881
Ion Ratio Lower Upper
95 100
174 84.1 0.0 160.4
176 79.9 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004707.D
Acq: 15 Aug 2018 20:44

Tgt Ion: 117 Resp: 1028551
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.1 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: VW004707.D

Acq: 15 Aug 2018 20:44

Instrument :

MSVOA_W

ClientSampleId :

TP-3

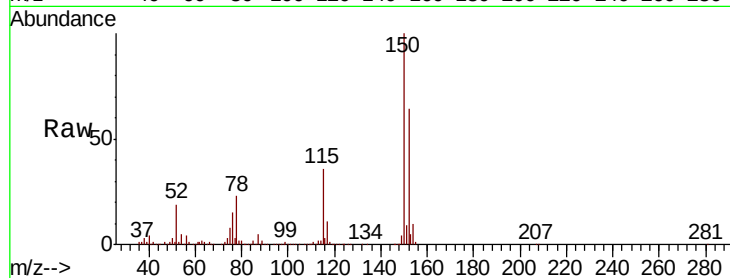
Tot Ion:152 Resp: 468247

Ion Ratio Lower Upper

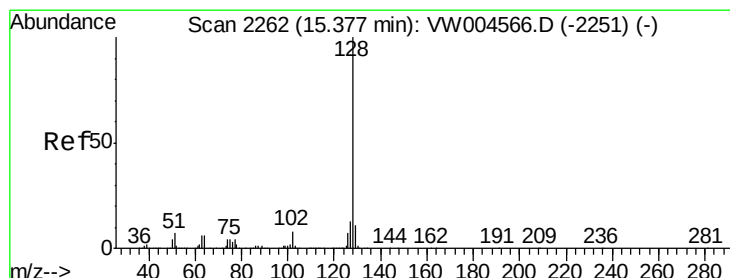
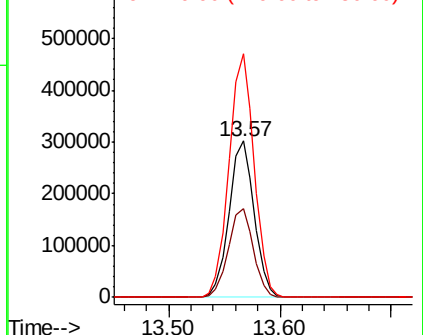
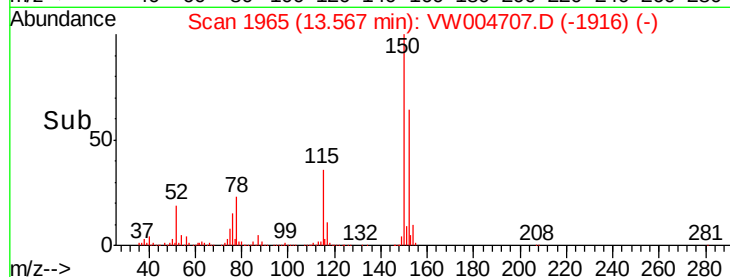
152 100

115 57.1 29.1 87.3

150 156.7 0.0 349.6



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



#95

Naphthalene

Concen: 3.00 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004707.D

Acq: 15 Aug 2018 20:44

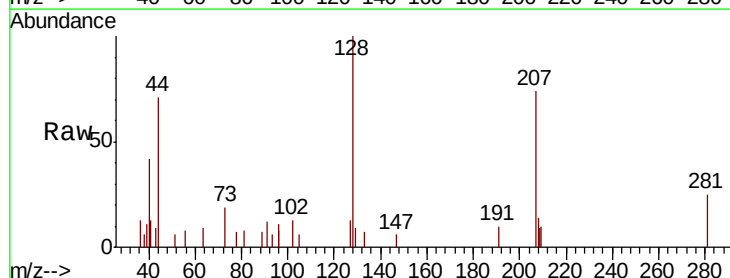
Tgt Ion:128 Resp: 1983

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 5.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

