

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003622.D
 Acq On : 27 Jun 2018 18:58
 Operator : SY/AP
 Sample : J3048-06
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3-S

Quant Time: Jun 28 06:56:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

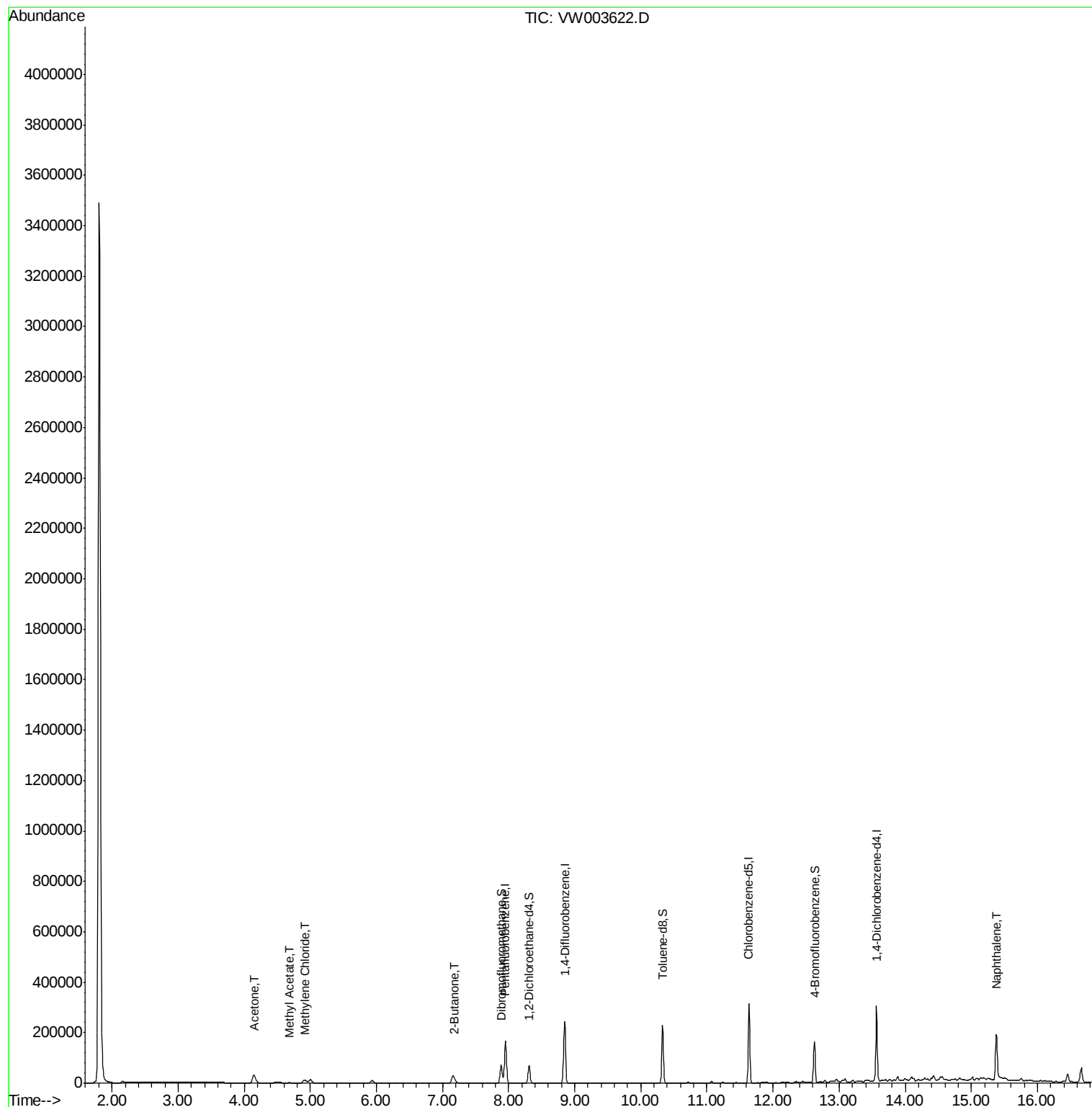
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	195338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	169041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	73911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56046	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
35) Dibromofluoromethane	7.88	113	50159	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.64%	
50) Toluene-d8	10.33	98	148262	30.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.62%	
62) 4-Bromofluorobenzene	12.63	95	48249	28.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.66%	
Target Compounds						
16) Acetone	4.15	43	70400	258.63	ug/l	98
18) Methyl Acetate	4.68	43	3502	5.42	ug/l	94
20) Methylene Chloride	4.92	84	9259	4.68	ug/l	96
25) 2-Butanone	7.19	43	7033	20.78	ug/l #	89
95) Naphthalene	15.38	128	156546	61.02	ug/l	99

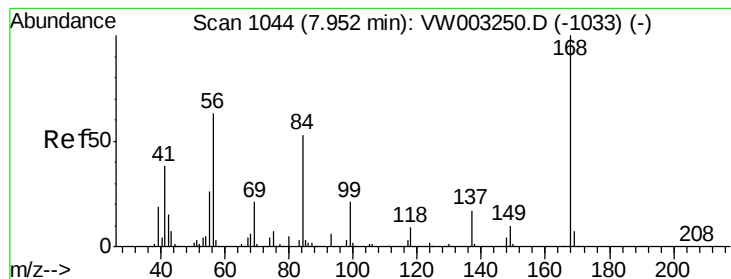
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062718\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 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: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

ClientSampled :

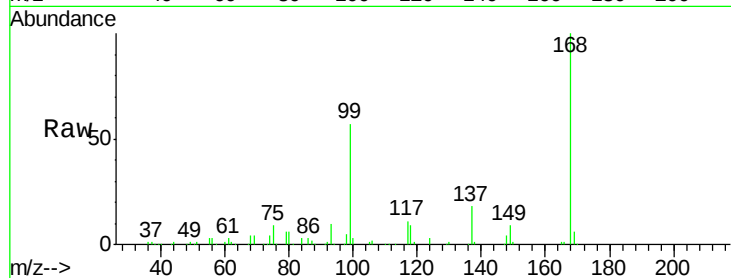
TP-3-S

Tot Ion:168 Resp: 119823

Ion Ratio Lower Upper

168 100

99 57.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

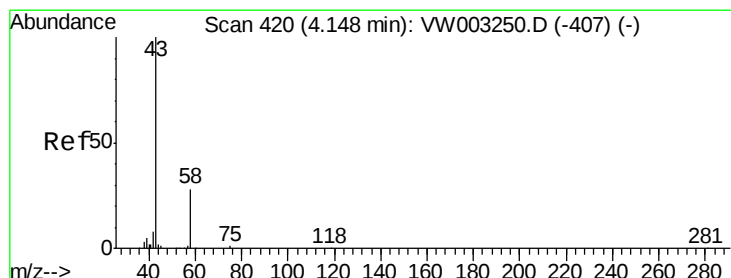
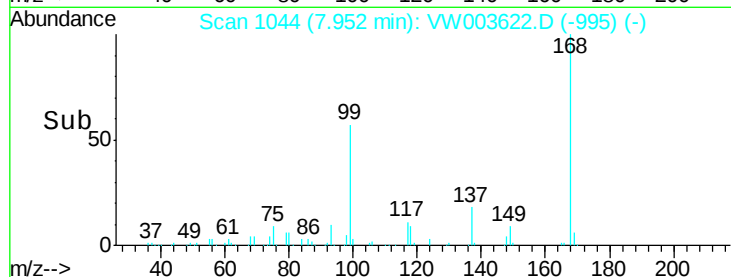
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 258.63 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003622.D

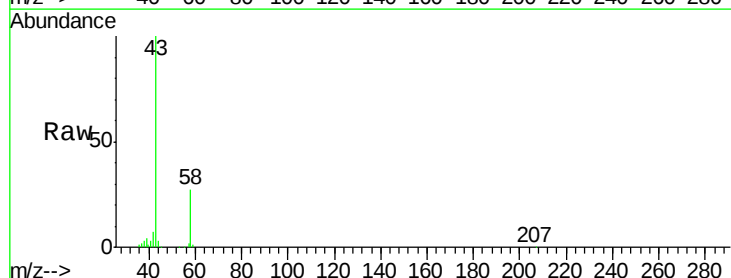
Acq: 27 Jun 2018 18:58

Tgt Ion: 43 Resp: 70400

Ion Ratio Lower Upper

43 100

58 27.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

25000

20000

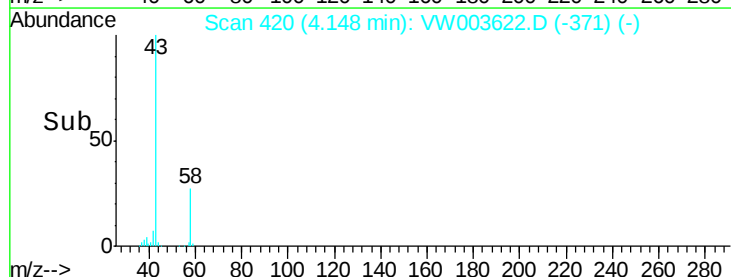
15000

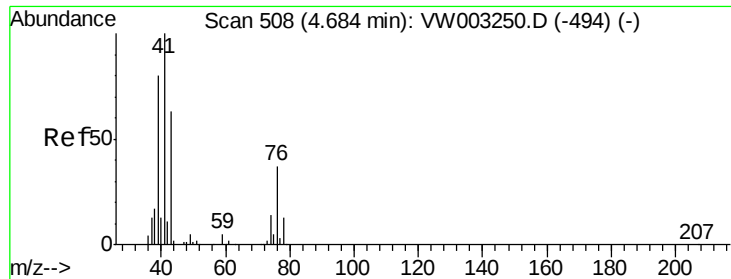
10000

5000

0

Time-->

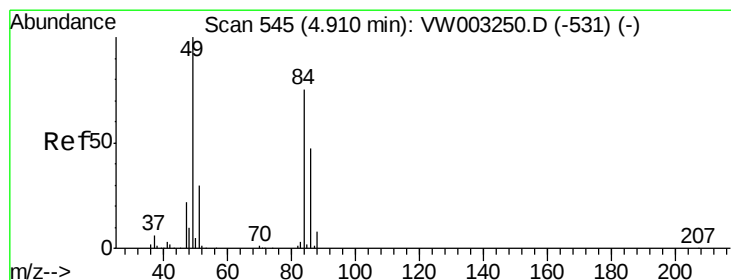
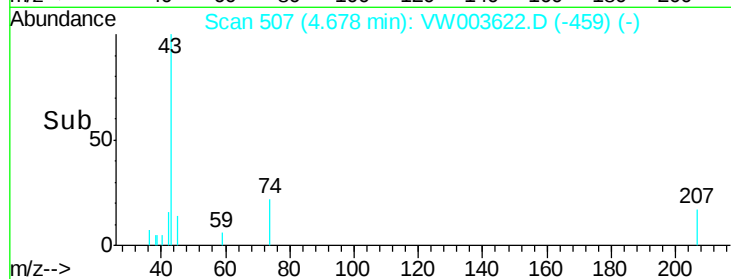
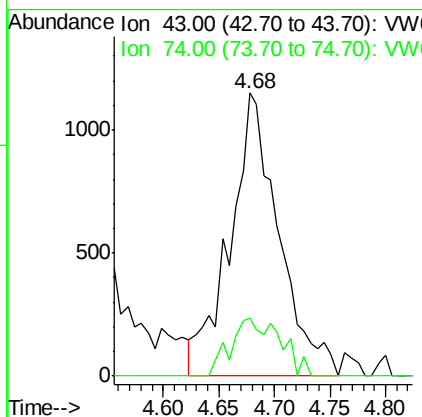
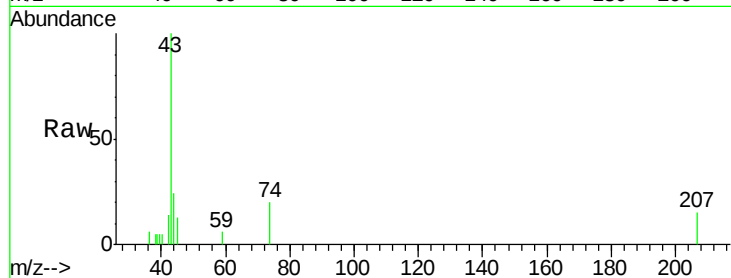




#18
Methyl Acetate
Concen: 5.42 ug/l
RT: 4.68 min Scan# 507
Delta R.T. -0.01 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

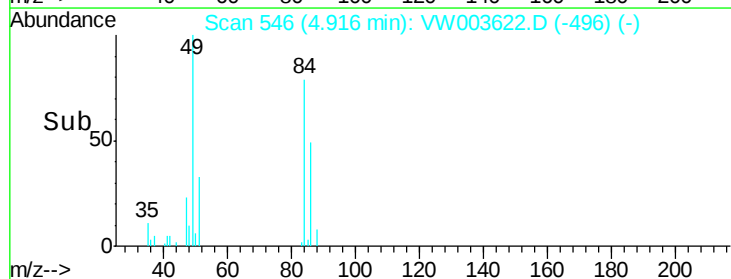
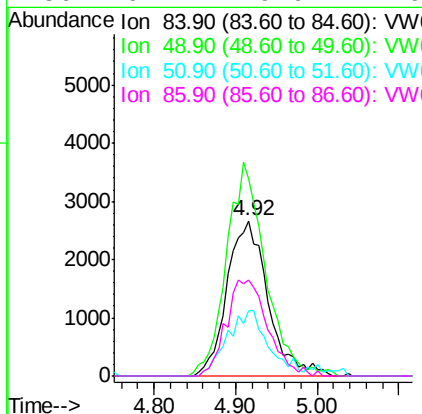
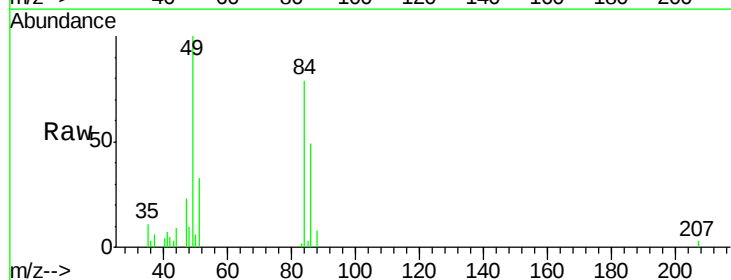
Instrument :
MSVOA_W
ClientSampleId :
TP-3-S

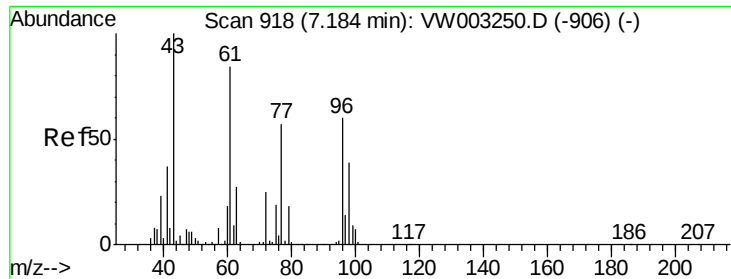
Tot Ion: 43 Resp: 3502
Ion Ratio Lower Upper
43 100
74 20.6 18.7 28.1



#20
Methylene Chloride
Concen: 4.68 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Tgt Ion: 84 Resp: 9259
Ion Ratio Lower Upper
84 100
49 126.7 106.3 159.5
51 42.3 32.0 48.0
86 61.7 49.9 74.9





#25

2-Butanone

Concen: 20.78 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

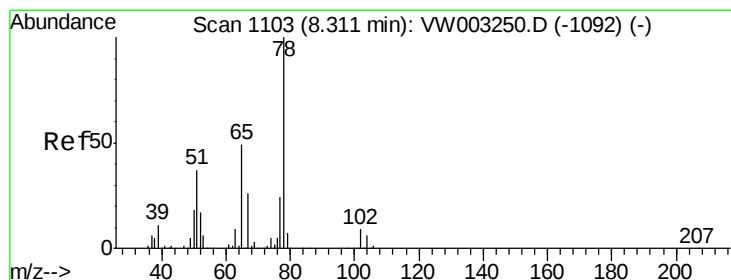
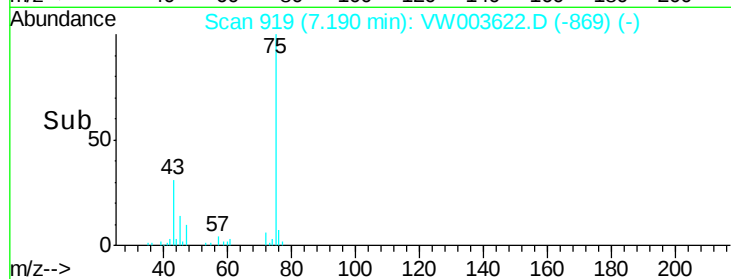
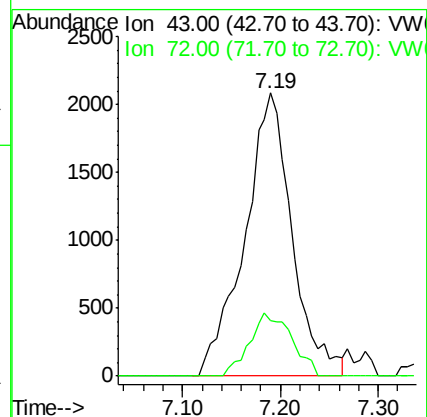
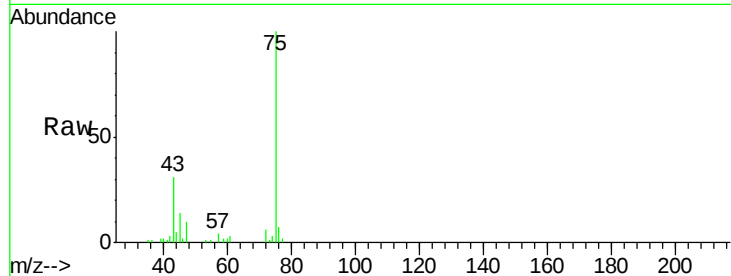
TP-3-S

Tot Ion: 43 Resp: 7033

Ion Ratio Lower Upper

43 100

72 19.8 20.3 30.5#



#33

1,2-Dichloroethane-d4

Concen: 43.18 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003622.D

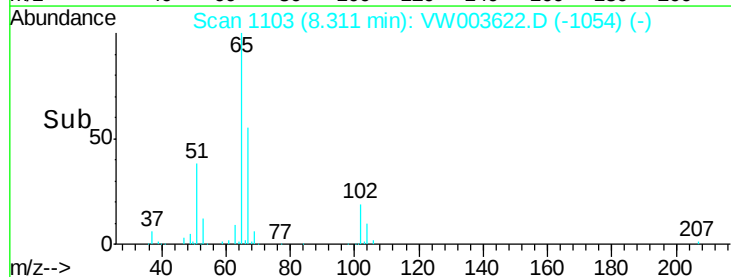
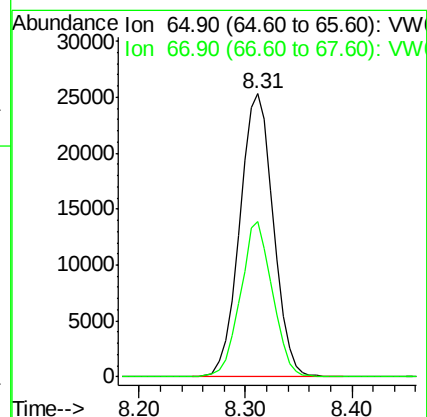
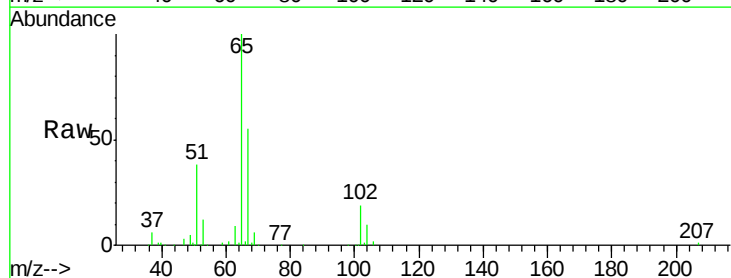
Acq: 27 Jun 2018 18:58

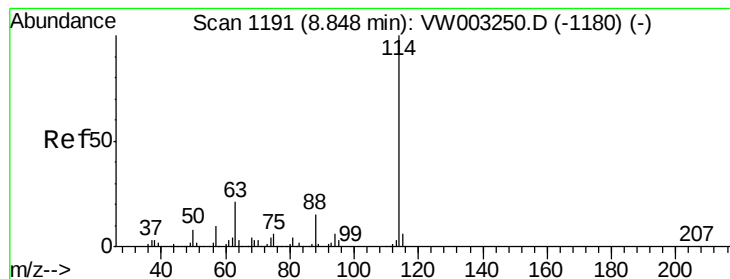
Tgt Ion: 65 Resp: 56046

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

ClientSampled :

TP-3-S

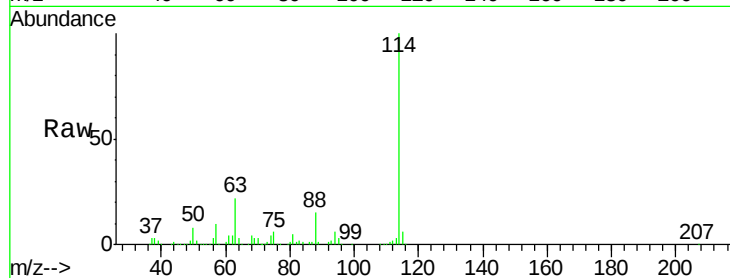
Tot Ion:114 Resp: 195338

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

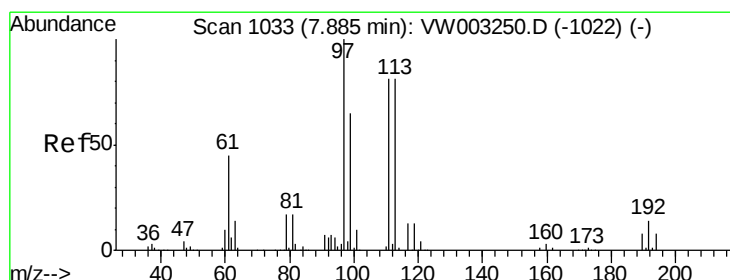
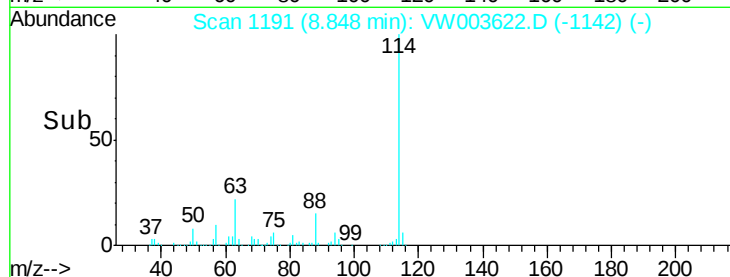
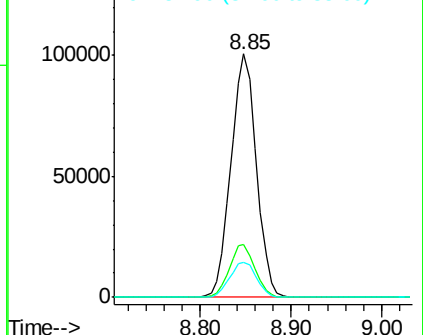
88 14.5 0.0 29.6



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: 41.32 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

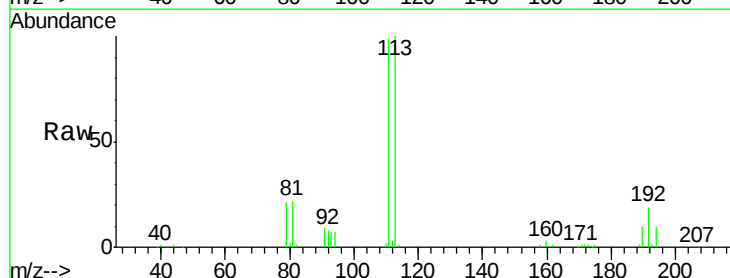
Tgt Ion:113 Resp: 50159

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

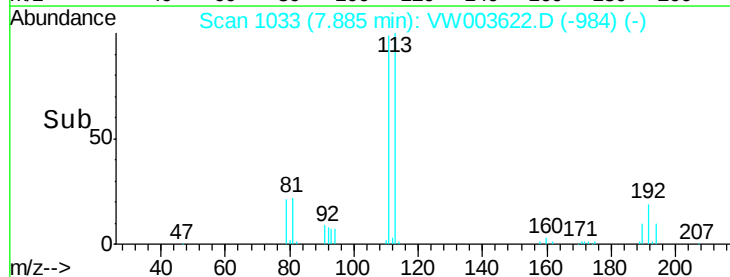
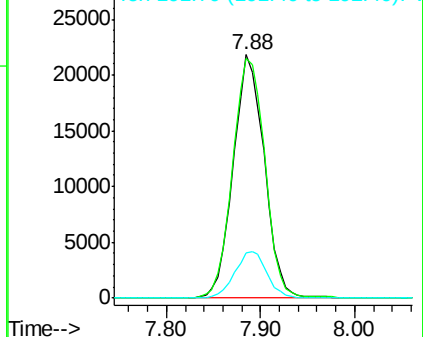
192 19.8 16.2 24.2

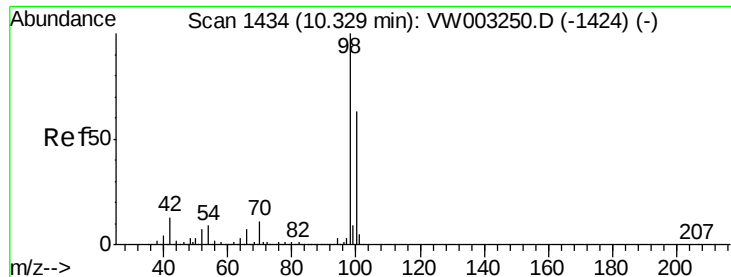


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 30.81 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

Instrument :

MSVOA_W

ClientSampleId :

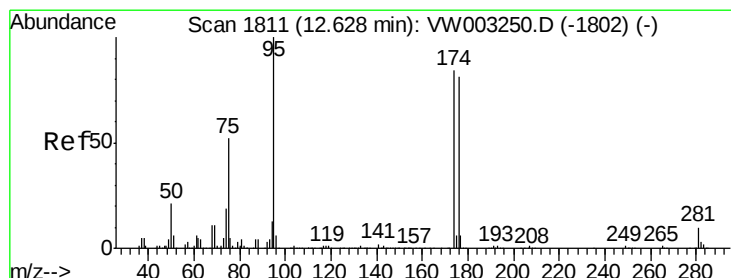
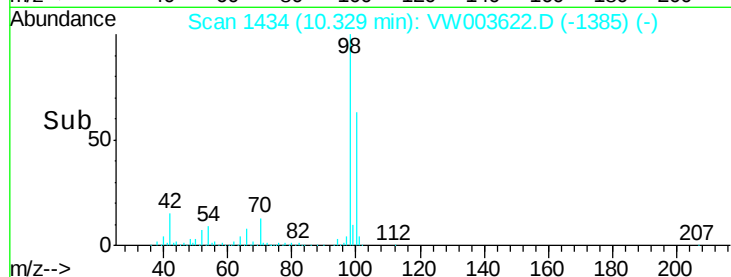
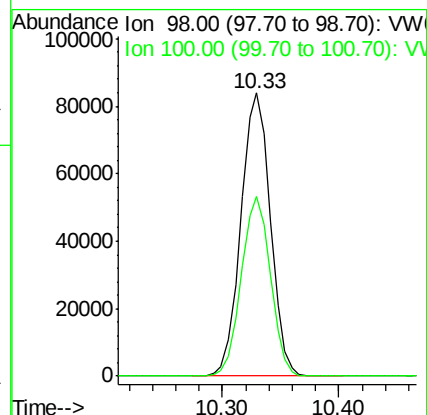
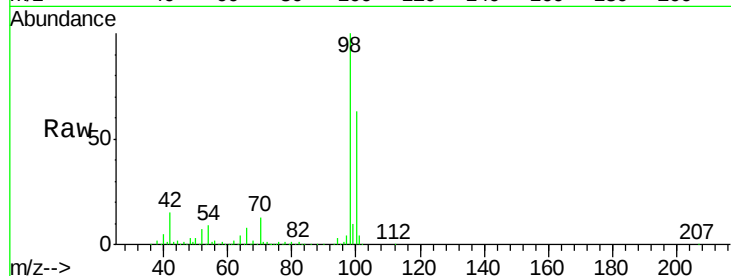
TP-3-S

Tot Ion: 98 Resp: 148262

Ion Ratio Lower Upper

98 100

100 62.8 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 28.33 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003622.D

Acq: 27 Jun 2018 18:58

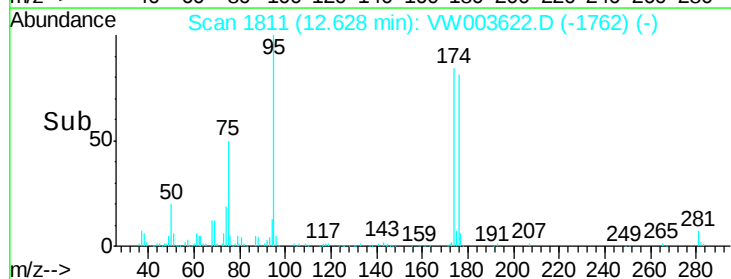
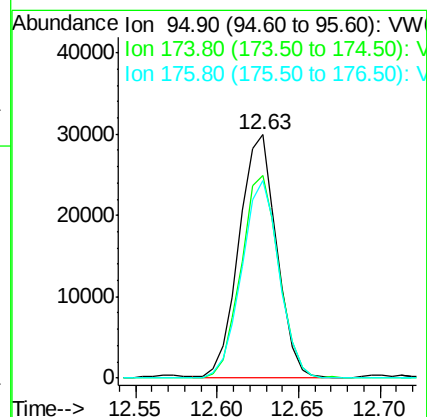
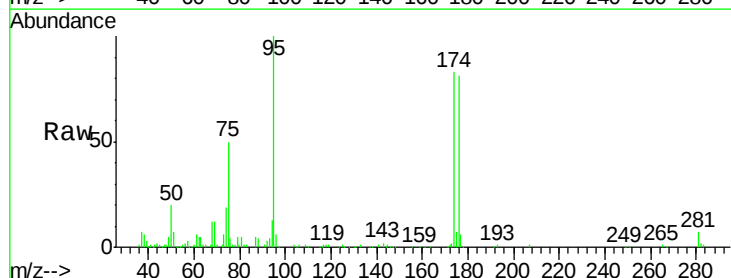
Tgt Ion: 95 Resp: 48249

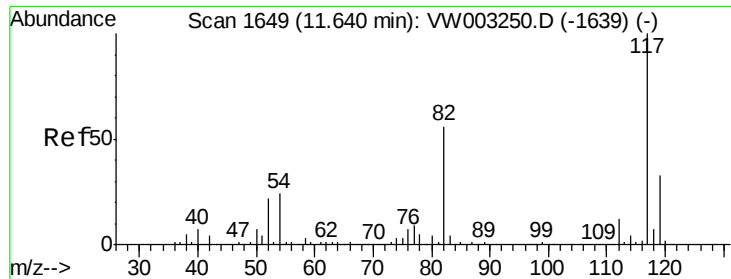
Ion Ratio Lower Upper

95 100

174 83.8 0.0 166.4

176 80.6 0.0 162.0

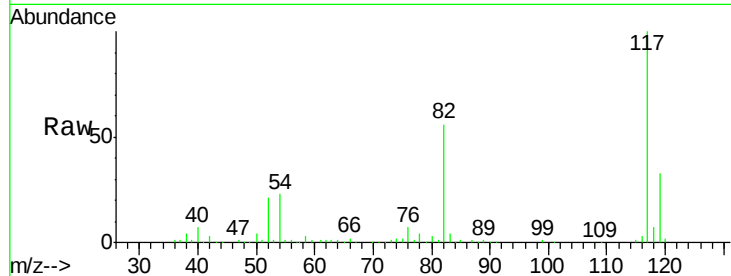




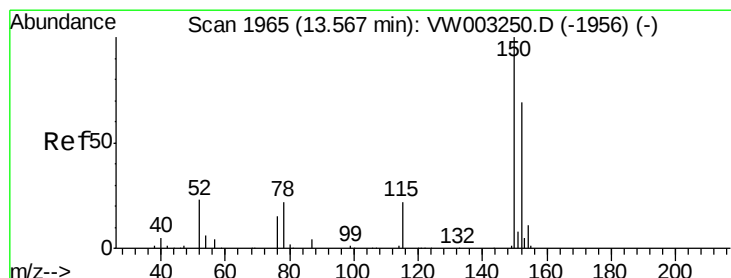
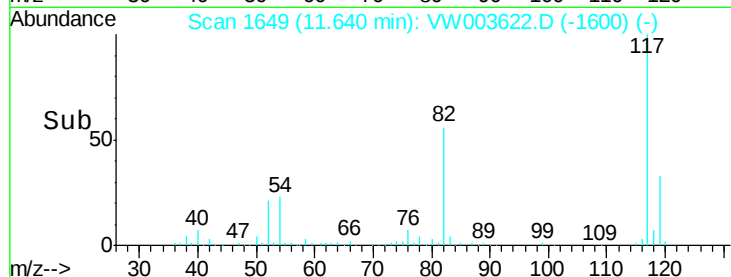
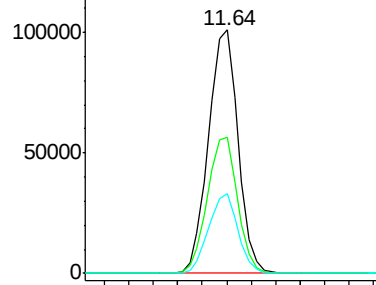
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
TP-3-S

Tot Ion:117 Resp: 169041
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.7 26.7 40.1

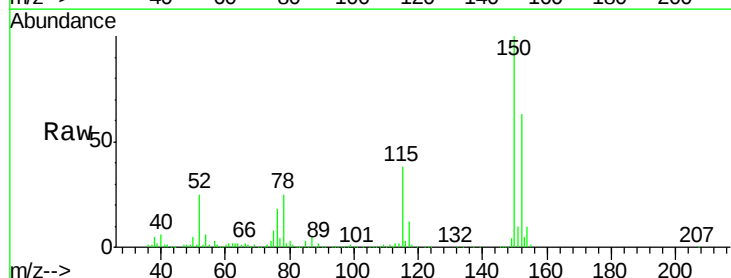


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

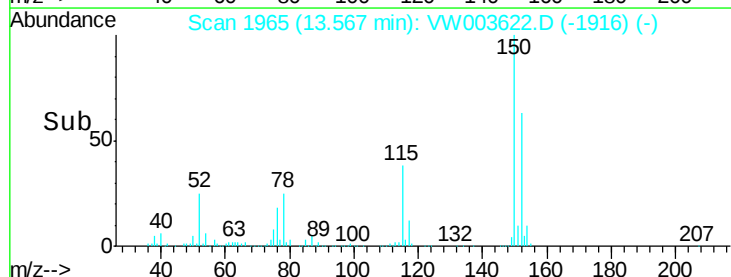
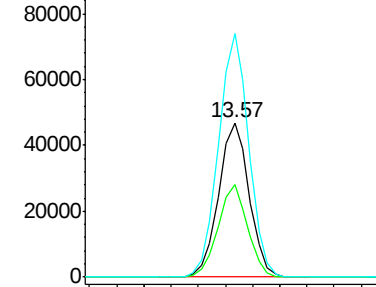


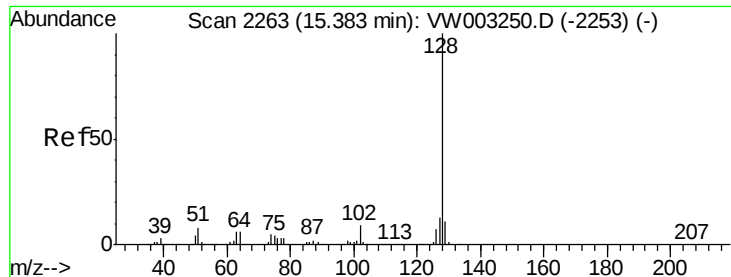
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Tgt Ion:152 Resp: 73911
Ion Ratio Lower Upper
152 100
115 57.9 29.3 88.0
150 155.7 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

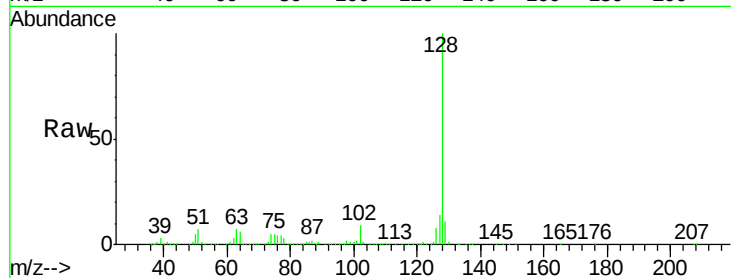




#95
Naphthalene
Concen: 61.02 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003622.D
Acq: 27 Jun 2018 18:58

Instrument :
MSVOA_W
ClientSampleId :
TP-3-S

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.4	8.9	13.3



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

