

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003938.D
 Acq On : 14 Jul 2018 01:21
 Operator : VA/AP
 Sample : J3831-01
 Misc : 5.71G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-071218

Quant Time: Jul 14 01:58:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

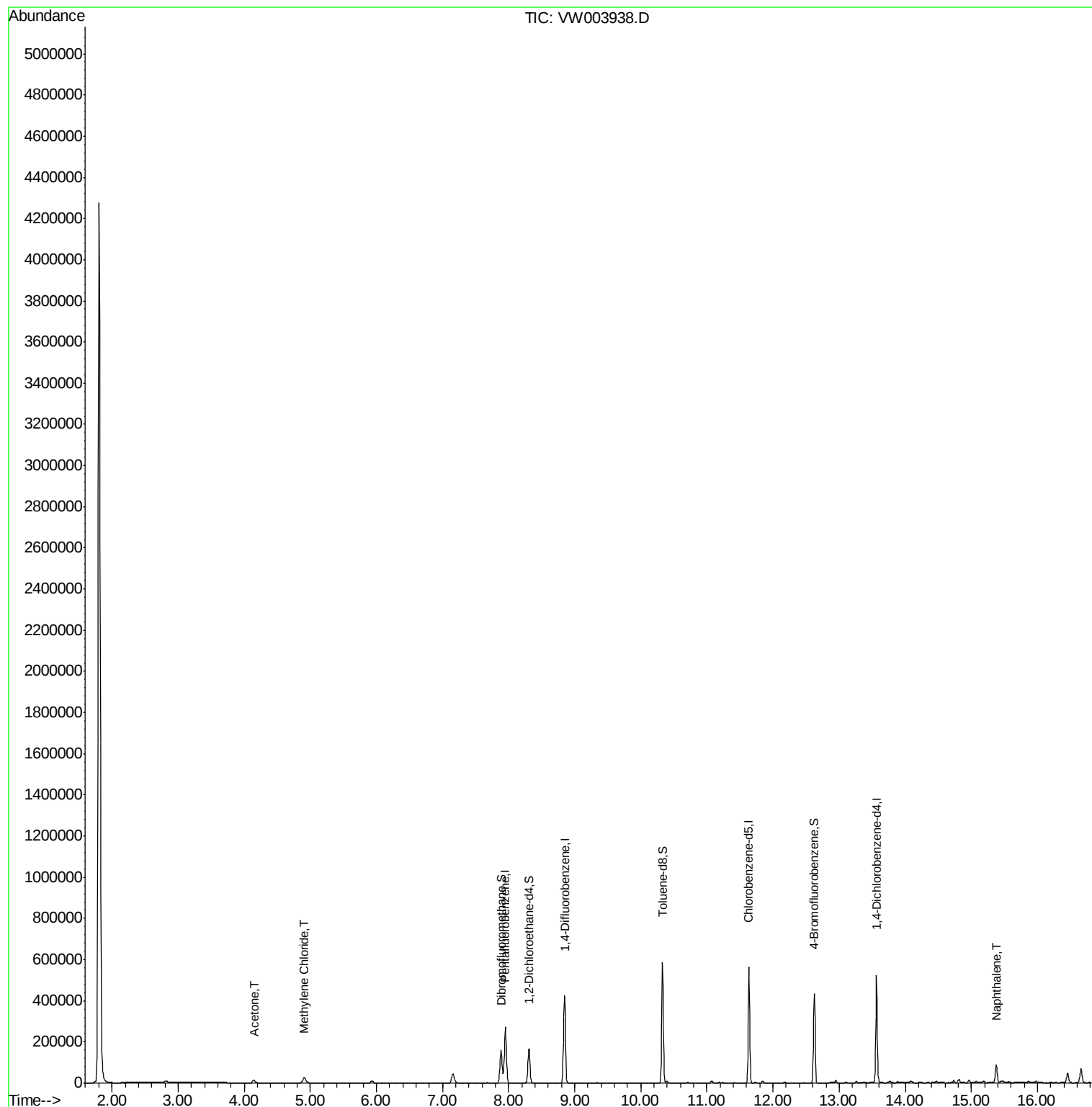
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	339641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	131847	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134671	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	7.88	113	114750	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
50) Toluene-d8	10.33	98	383970	42.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.46%	
62) 4-Bromofluorobenzene	12.62	95	135584	41.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.42%	
Target Compounds						
16) Acetone	4.14	43	27271	61.73	ug/l	94
20) Methylene Chloride	4.90	84	19577	5.16	ug/l	93
95) Naphthalene	15.38	128	73142	14.96	ug/l	99

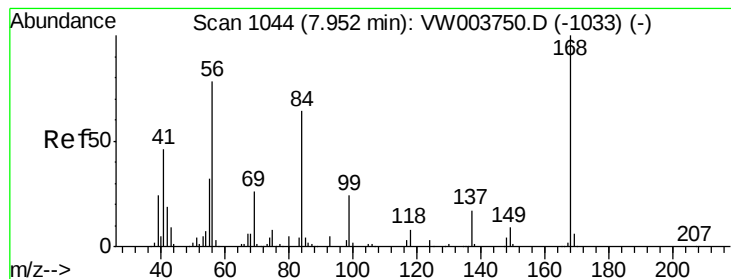
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 07 05:07:25 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: VW003938.D

Acq: 14 Jul 2018 01:21

Instrument :

MSVOA_W

ClientSampleId :

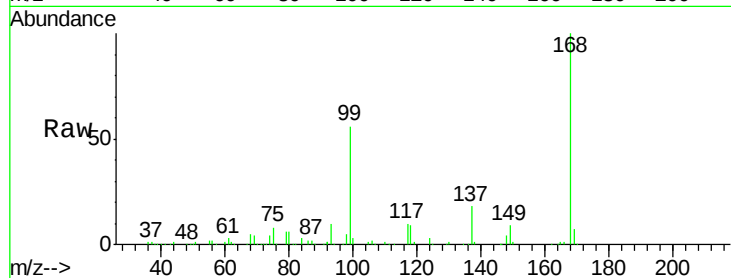
SU-04-071218

Tot Ion:168 Resp: 194727

Ion Ratio Lower Upper

168 100

99 56.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

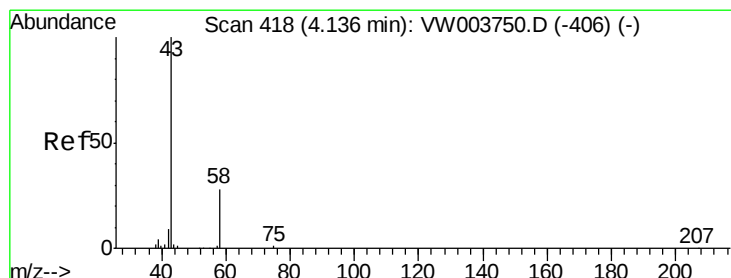
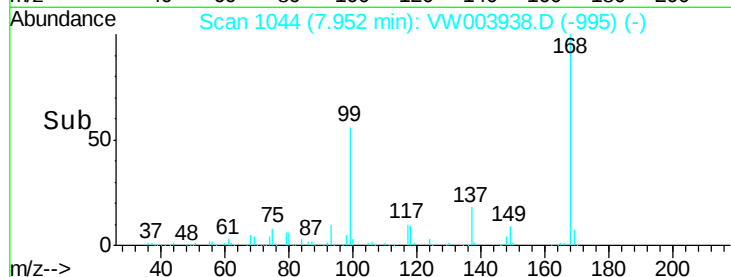
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 61.73 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW003938.D

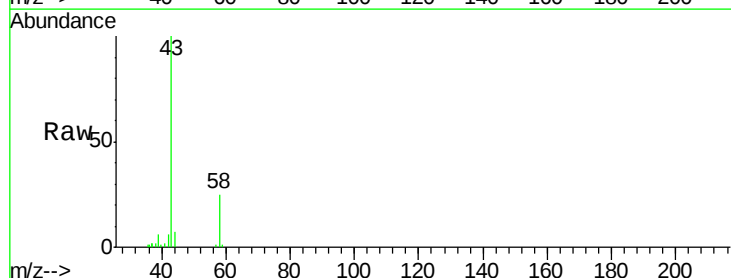
Acq: 14 Jul 2018 01:21

Tgt Ion: 43 Resp: 27271

Ion Ratio Lower Upper

43 100

58 25.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

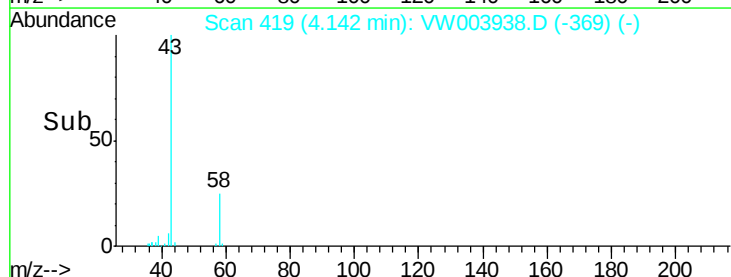
6000

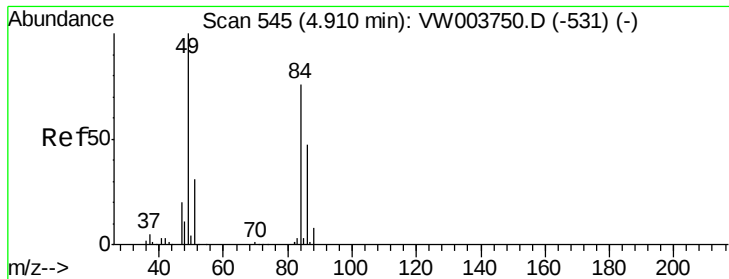
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

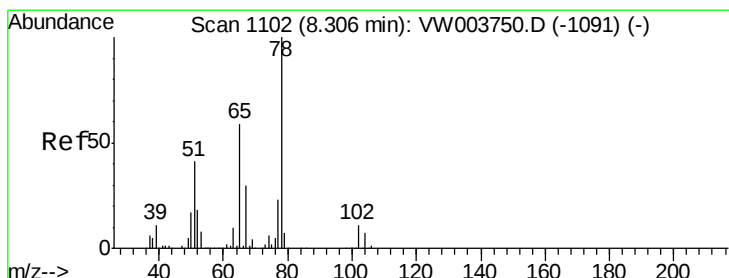
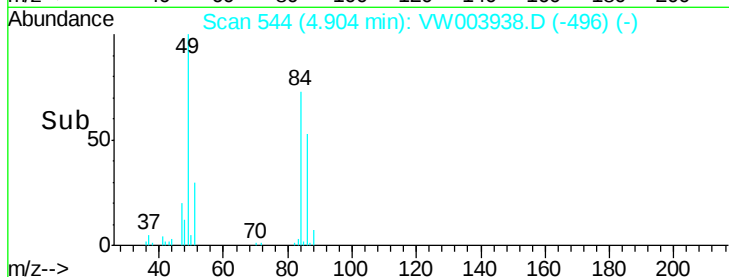
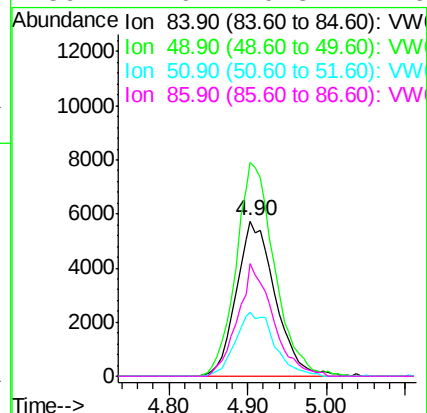
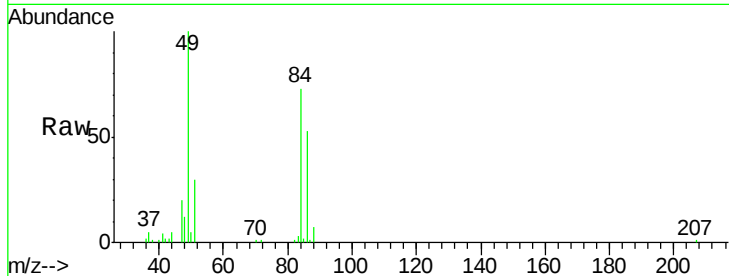




#20
Methvlene Chloride
Concen: 5.16 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003938.D
Acq: 14 Jul 2018 01:21

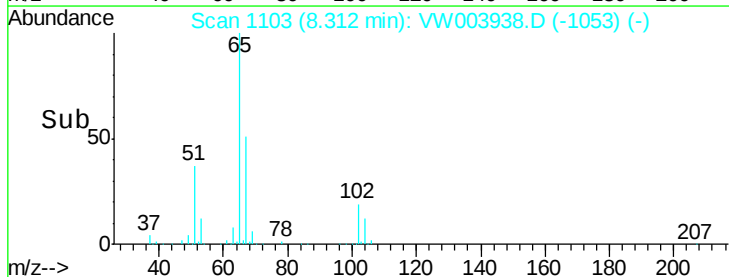
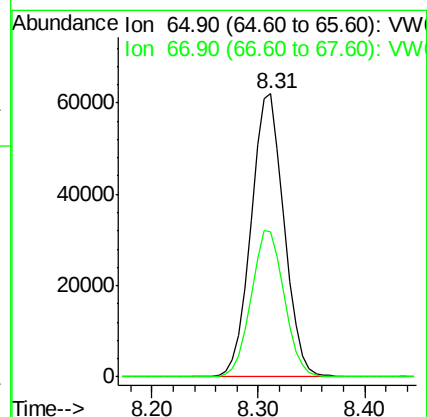
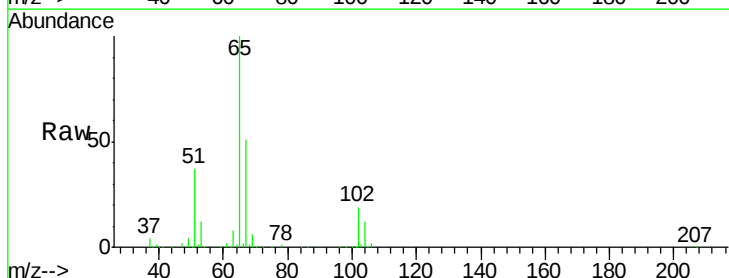
Instrument :
MSVOA_W
ClientSampleId :
SU-04-071218

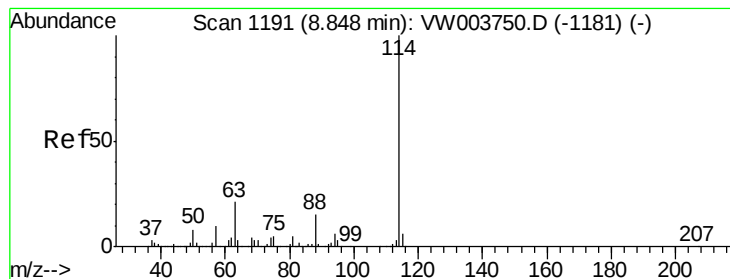
Tot Ion: 84 Resp: 19577
Ion Ratio Lower Upper
84 100
49 137.9 105.1 157.7
51 41.0 32.5 48.7
86 72.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 52.88 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW003938.D
Acq: 14 Jul 2018 01:21

Tgt Ion: 65 Resp: 134671
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003938.D

Acq: 14 Jul 2018 01:21

Instrument :

MSVOA_W

ClientSampleId :

SU-04-071218

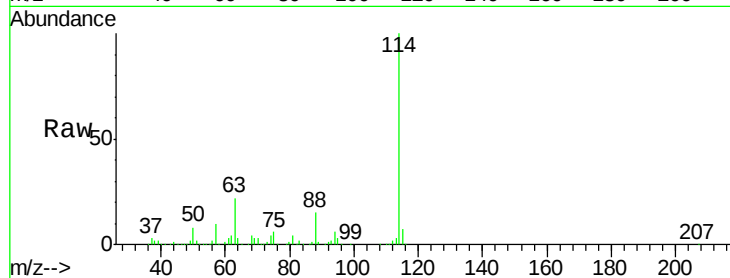
Tot Ion:114 Resp: 339641

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

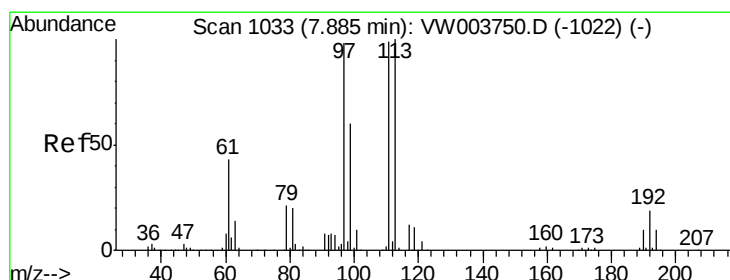
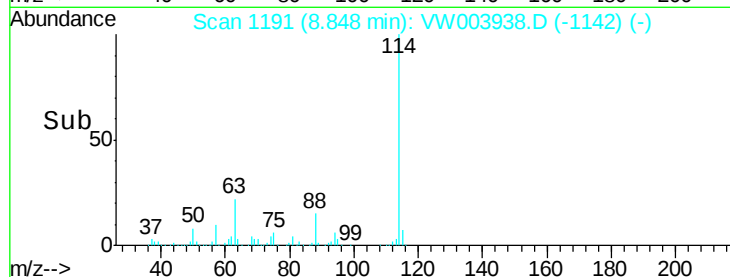
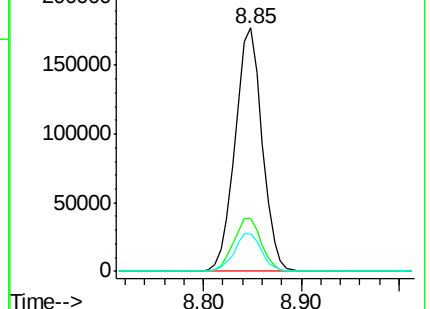
88 15.4 0.0 30.2



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: 48.27 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003938.D

Acq: 14 Jul 2018 01:21

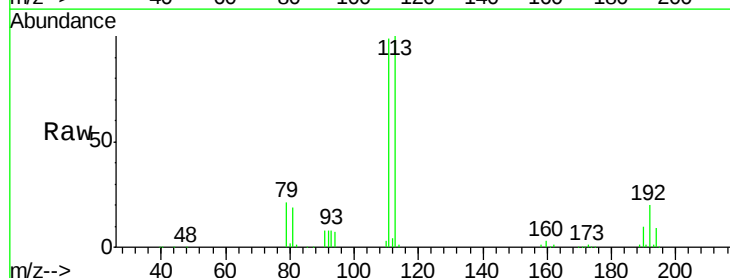
Tgt Ion:113 Resp: 114750

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

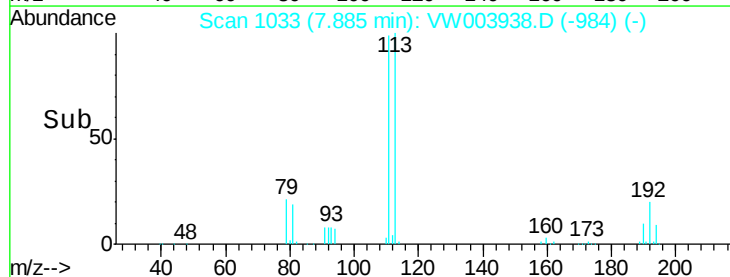
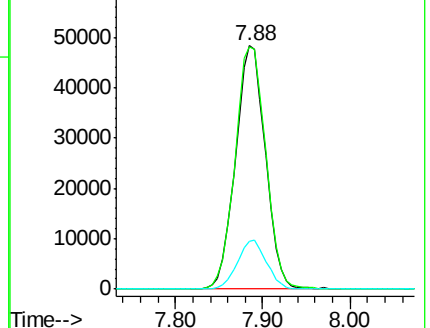
192 19.6 15.8 23.8

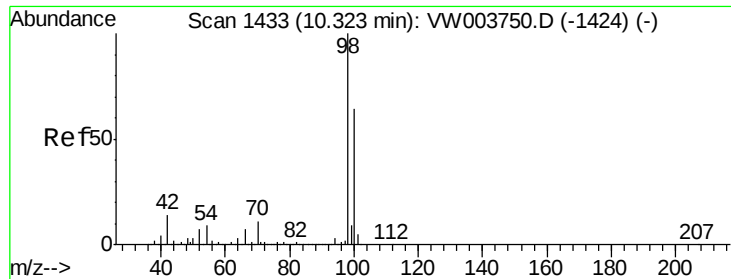


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 42.23 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003938.D

Acq: 14 Jul 2018 01:21

Instrument :

MSVOA_W

ClientSampleId :

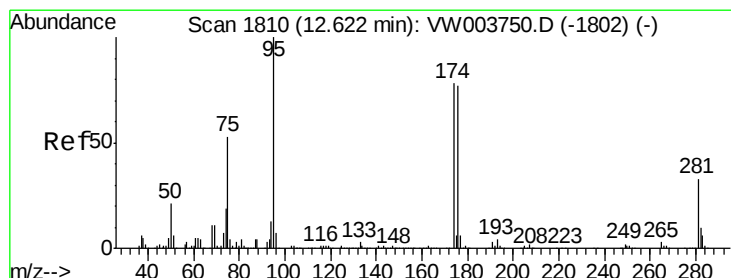
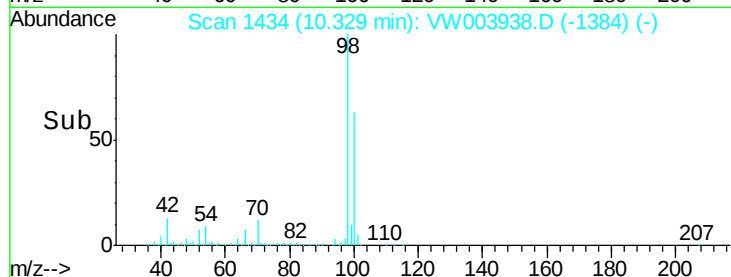
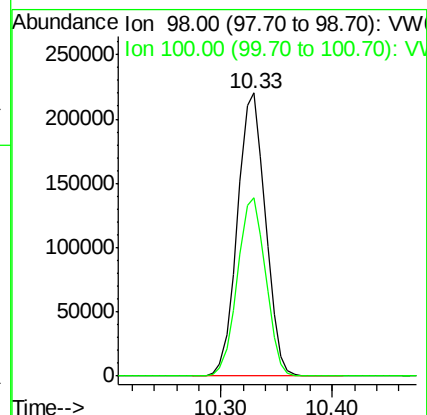
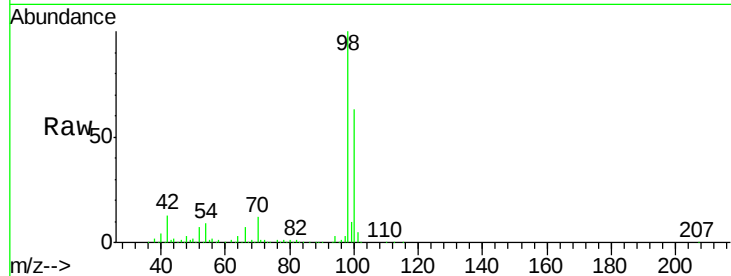
SU-04-071218

Tot Ion: 98 Resp: 383970

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 41.21 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003938.D

Acq: 14 Jul 2018 01:21

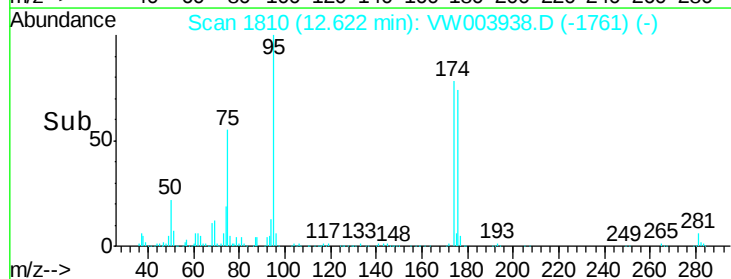
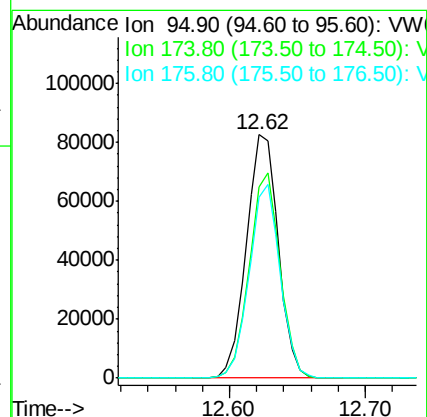
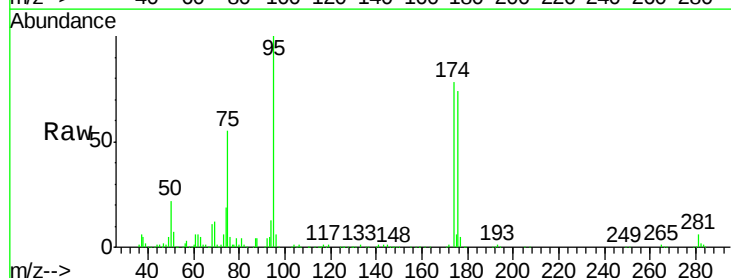
Tgt Ion: 95 Resp: 135584

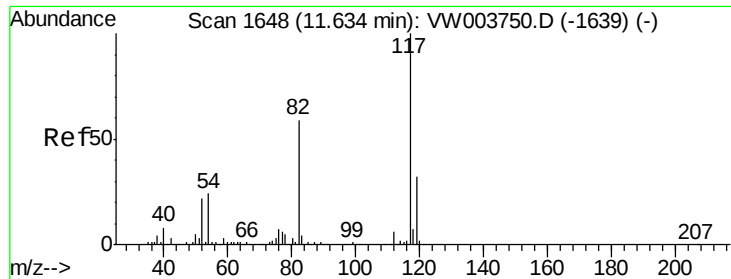
Ion Ratio Lower Upper

95 100

174 81.5 0.0 163.4

176 77.3 0.0 156.8

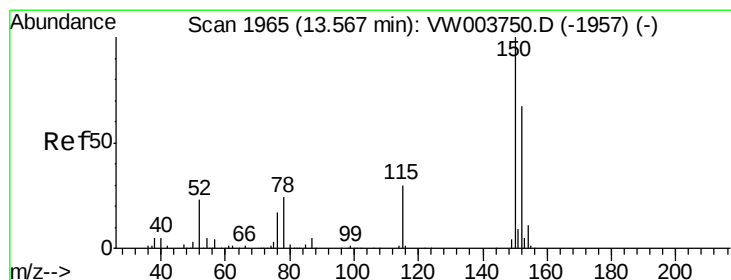
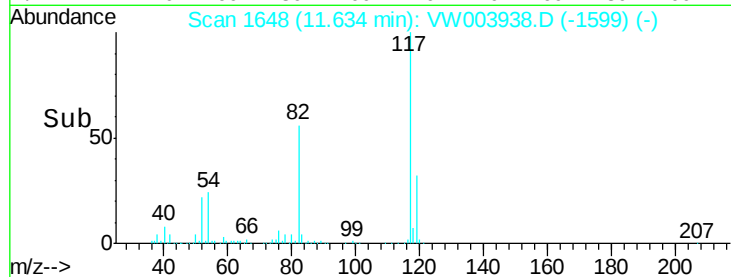
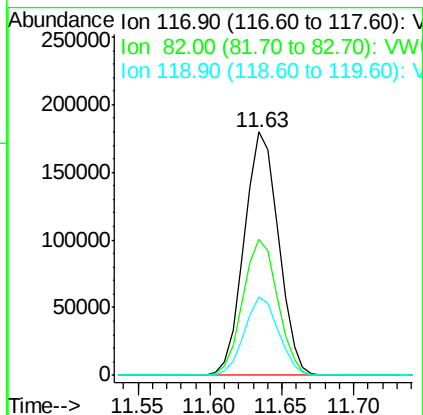
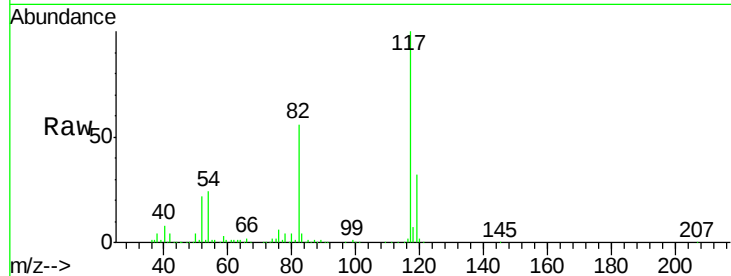




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003938.D
Acq: 14 Jul 2018 01:21

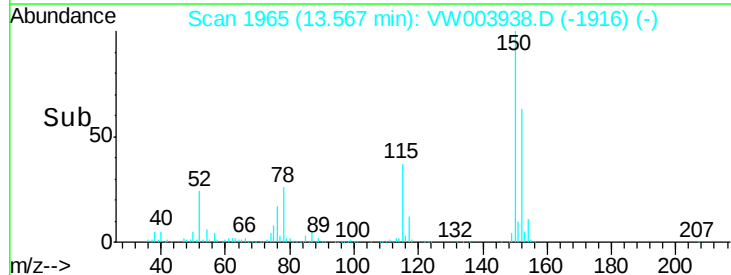
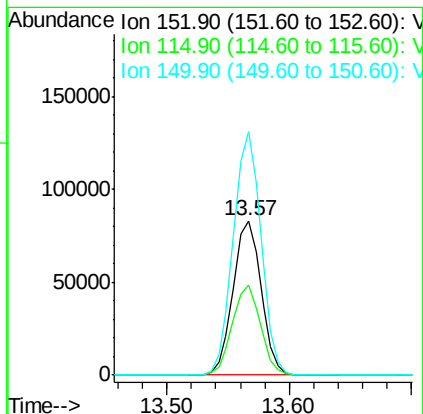
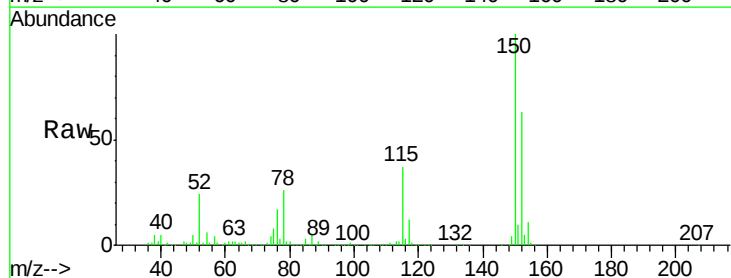
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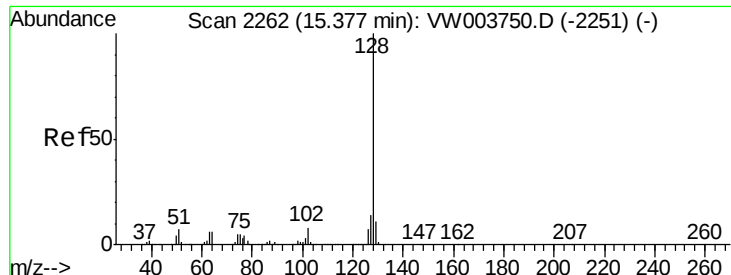
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.9	70.3
119	32.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003938.D
Acq: 14 Jul 2018 01:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.9	86.8
150	156.1	0.0	342.4





#95

Naphthalene

Concen: 14.96 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW003938.D

Acq: 14 Jul 2018 01:21

Instrument :

MSVOA_W

ClientSampleId :

SU-04-071218

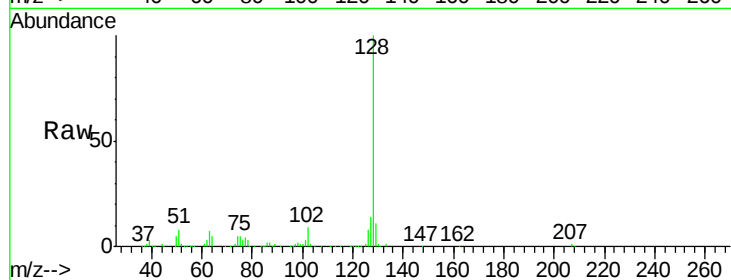
Tot Ion:128 Resp: 73142

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

129 10.9 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

