

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW051018\
 Data File : VW002367.D
 Acq On : 10 May 2018 08:50
 Operator : JC/SY
 Sample : J2713-05
 Misc : 6.21G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: May 10 11:07:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 08 03:57:58 2018
 Response via : Initial Calibration

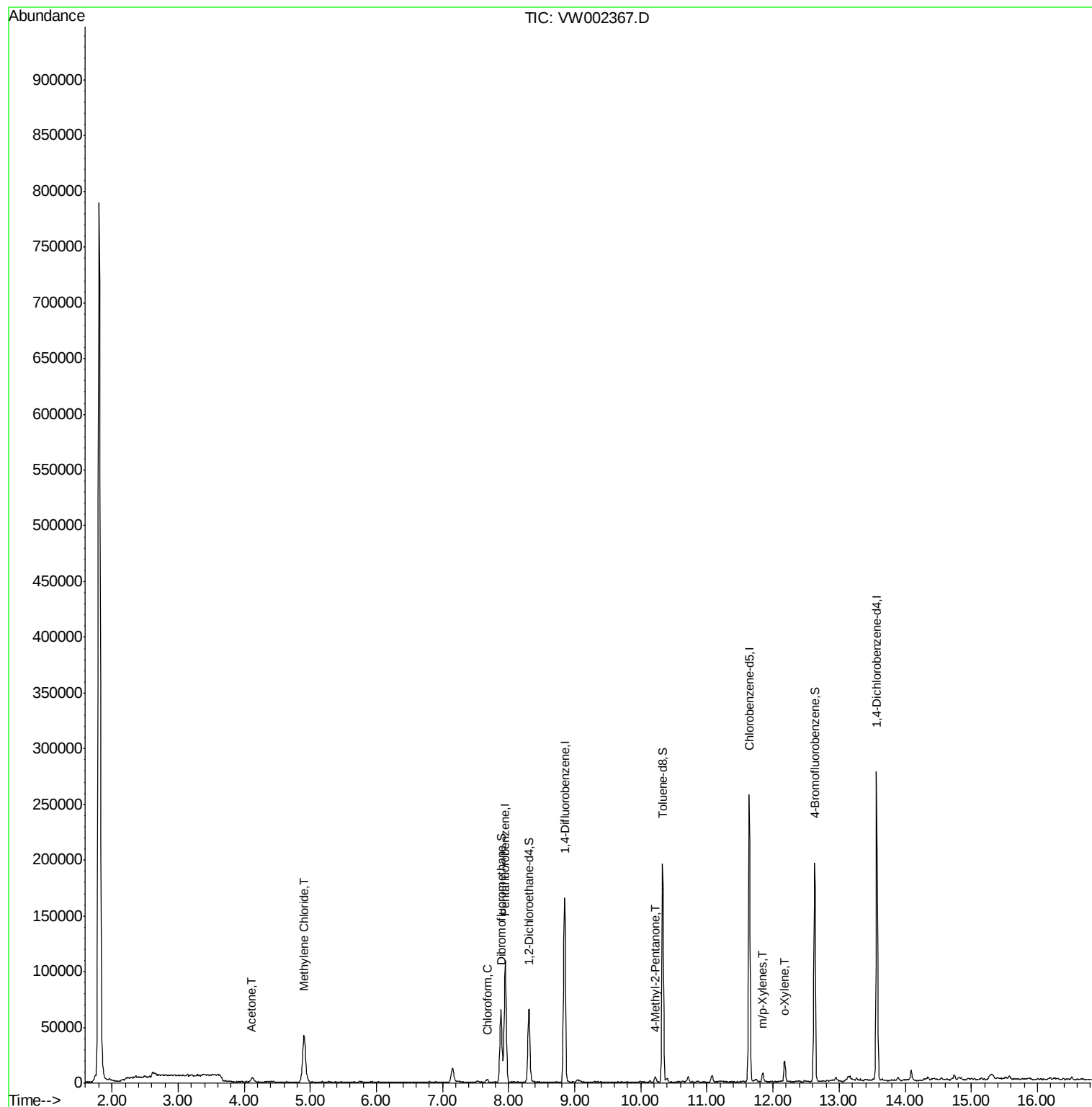
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	140630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	140839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	73451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52113	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
35) Dibromofluoromethane	7.88	113	44374	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.33	98	129232	37.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.20%	
62) 4-Bromofluorobenzene	12.63	95	55561	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	
Target Compounds						
16) Acetone	4.12	43	7236	41.06	ug/l	90
20) Methylene Chloride	4.90	84	32359	38.08	ug/l	94
30) Chloroform	7.67	83	1860	1.18	ug/l	96
51) 4-Methyl-2-Pentanone	10.22	43	3510	5.41	ug/l	98
68) m/p-Xylenes	11.84	106	2202	1.15	ug/l	99
69) o-Xylene	12.18	106	4655	2.56	ug/l	95

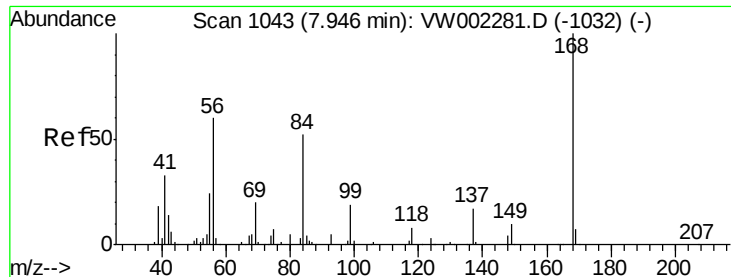
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 08 03:57:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VW002367.D

Acq: 10 May 2018 08:50

Instrument :

MSVOA_W

ClientSampled :

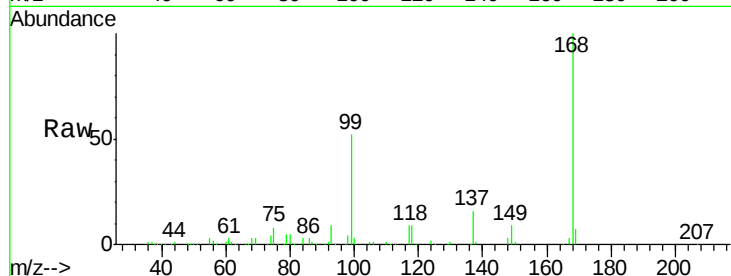
TP-2

Tot Ion:168 Resp: 84984

Ion Ratio Lower Upper

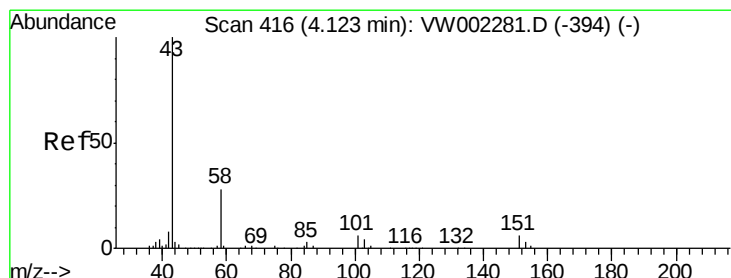
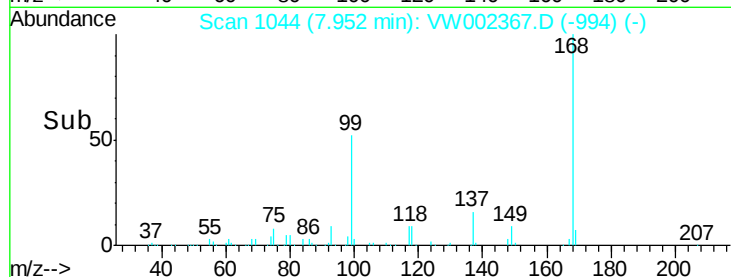
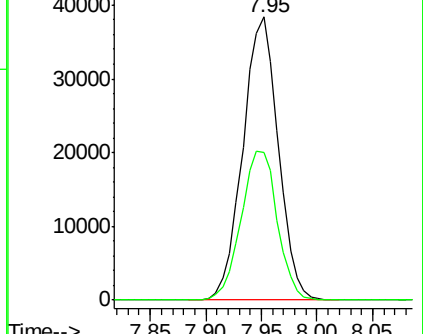
168 100

99 52.0 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 41.06 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002367.D

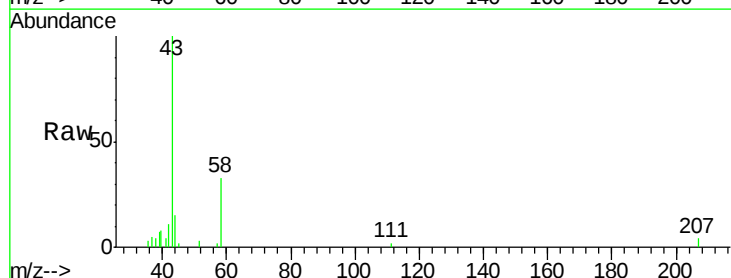
Acq: 10 May 2018 08:50

Tgt Ion: 43 Resp: 7236

Ion Ratio Lower Upper

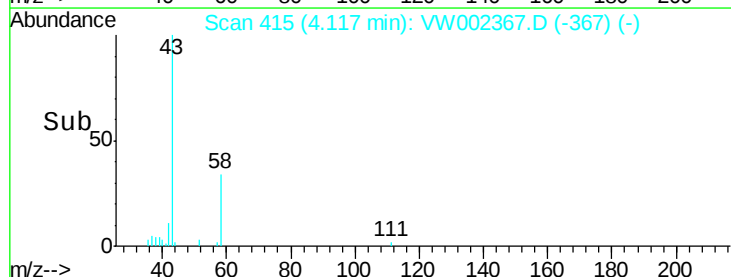
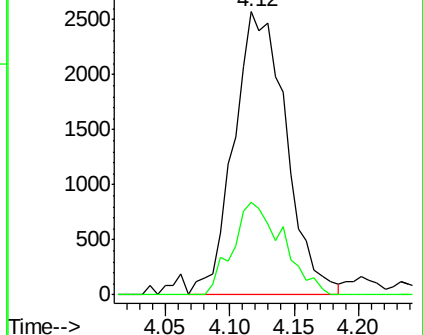
43 100

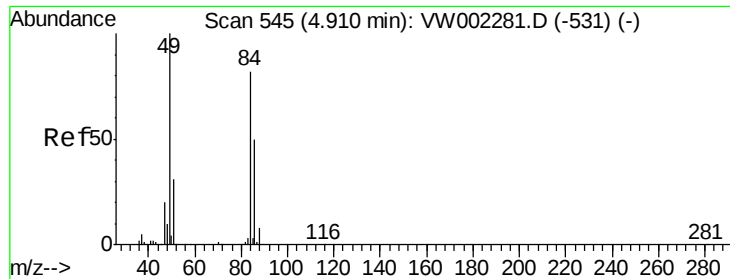
58 32.8 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

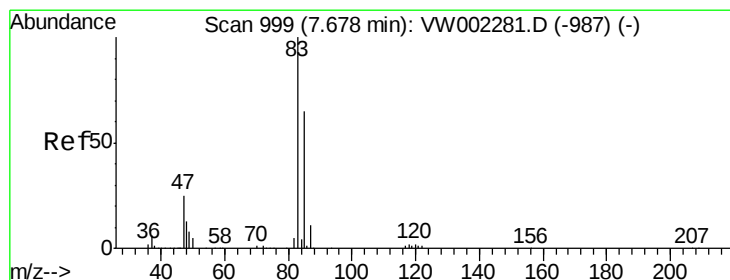
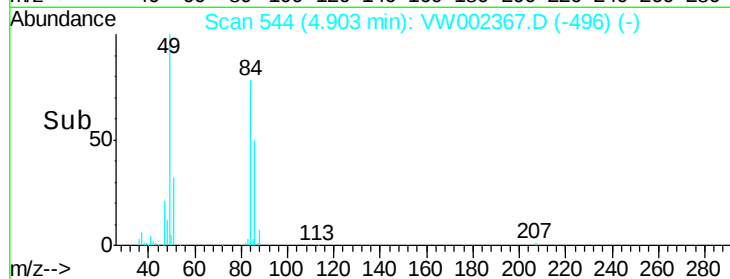
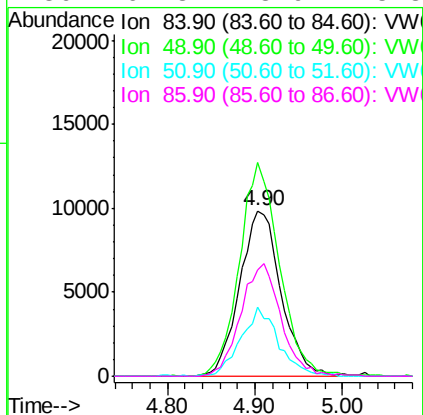
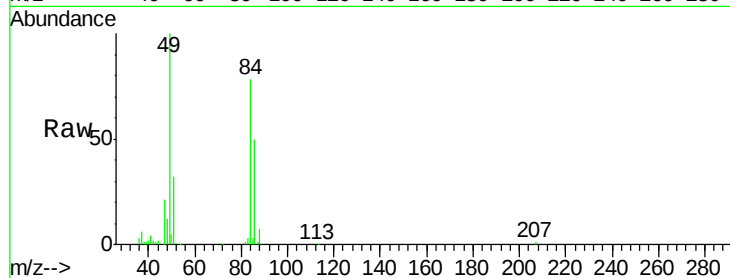




#20
Methvlene Chloride
Concen: 38.08 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW002367.D
Acq: 10 May 2018 08:50

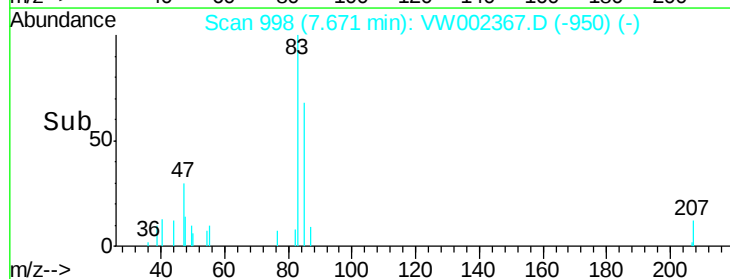
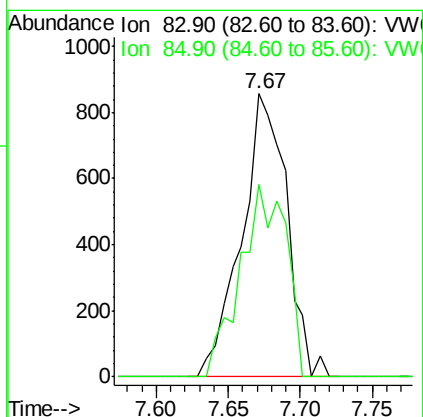
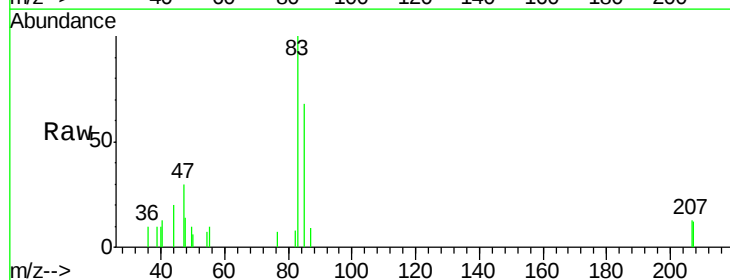
Instrument :
MSVOA_W
ClientSampleId :
TP-2

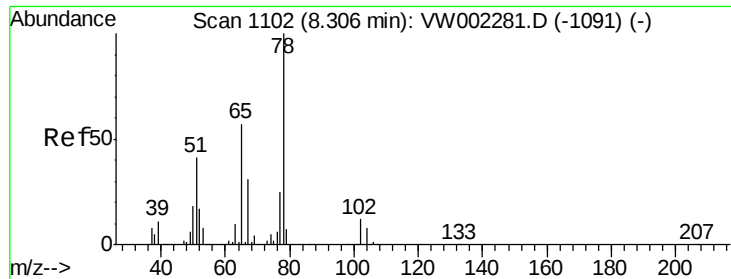
Tot Ion: 84 Resp: 32359
Ion Ratio Lower Upper
84 100
49 128.9 97.7 146.5
51 41.4 30.2 45.4
86 64.3 48.9 73.3



#30
Chloroform
Concen: 1.18 ug/l
RT: 7.67 min Scan# 998
Delta R.T. -0.01 min
Lab File: VW002367.D
Acq: 10 May 2018 08:50

Tgt Ion: 83 Resp: 1860
Ion Ratio Lower Upper
83 100
85 67.8 51.8 77.6

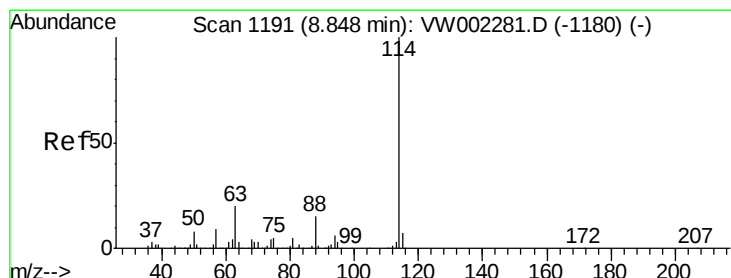
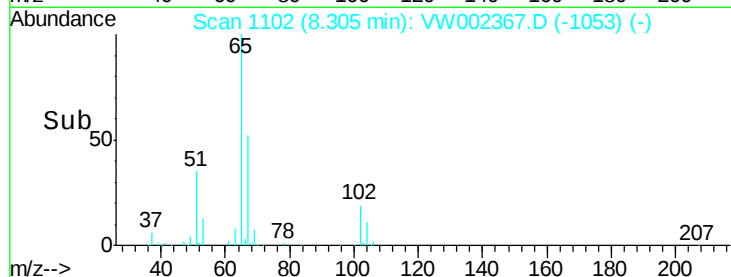
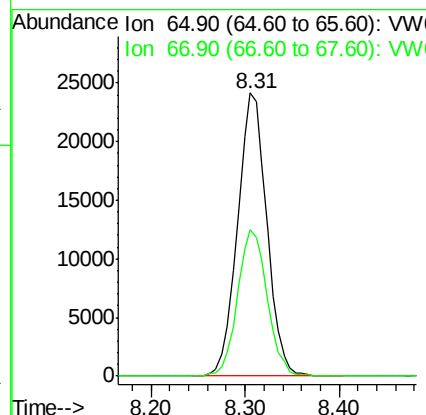
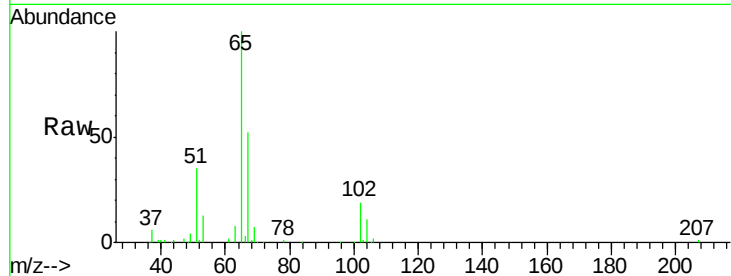




#33
 1,2-Dichloroethane-d4
 Concen: 57.74 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002367.D
 Acq: 10 May 2018 08:50

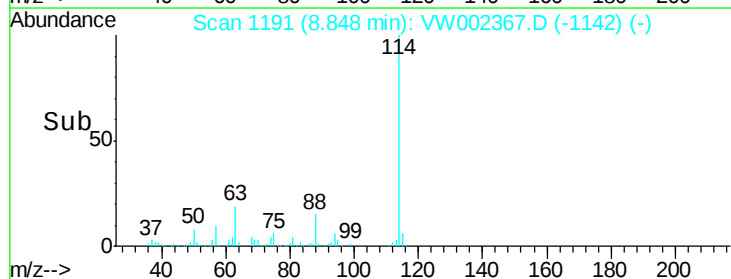
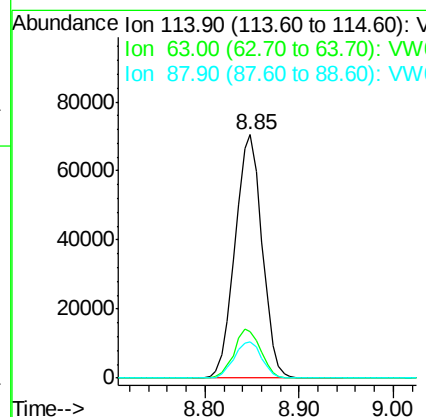
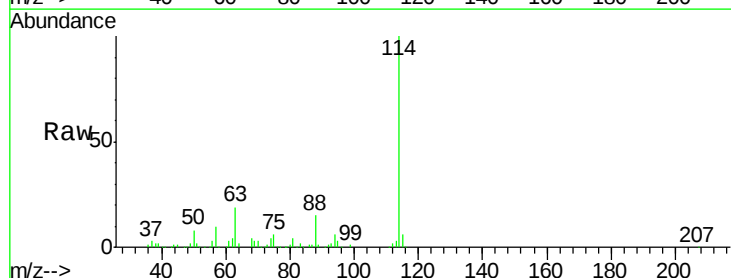
Instrument :
 MSVOA_W
 ClientSampled :
 TP-2

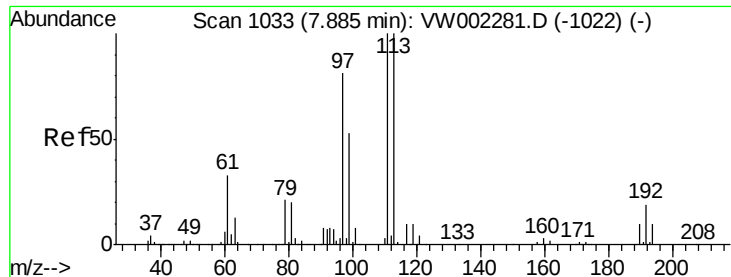
Tot Ion: 65 Resp: 52113
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW002367.D
 Acq: 10 May 2018 08:50

Tgt Ion: 114 Resp: 140630
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.23 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: VW002367.D

Acq: 10 May 2018 08:50

Instrument :

MSVOA_W

ClientSampleId :

TP-2

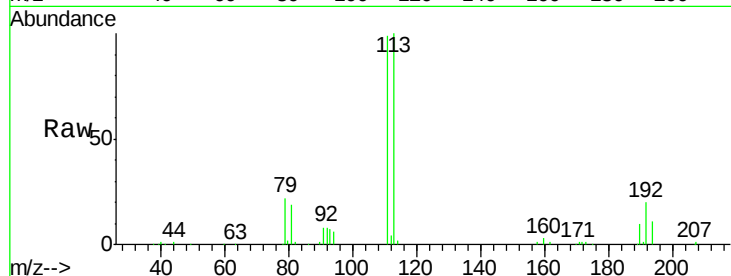
Tot Ion:113 Resp: 44374

Ion Ratio Lower Upper

113 100

111 103.7 81.5 122.3

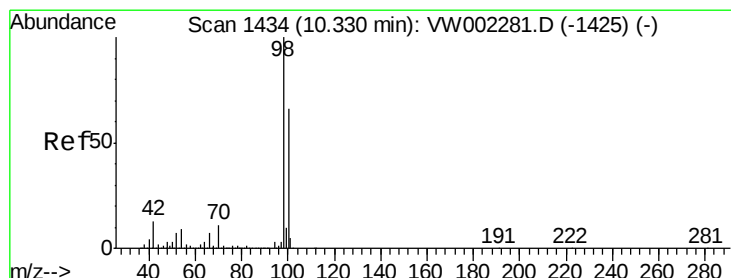
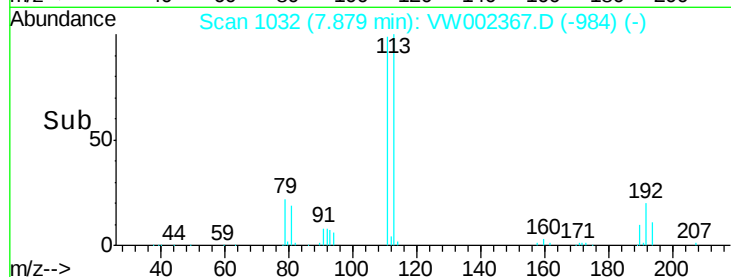
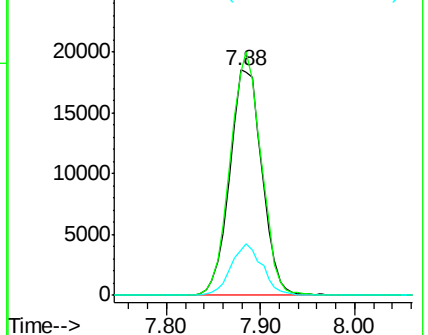
192 21.8 16.4 24.6



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: 37.60 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002367.D

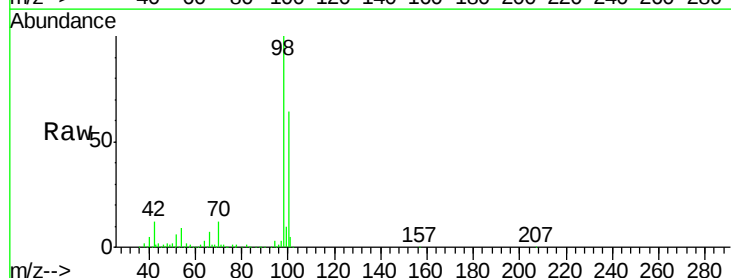
Acq: 10 May 2018 08:50

Tgt Ion: 98 Resp: 129232

Ion Ratio Lower Upper

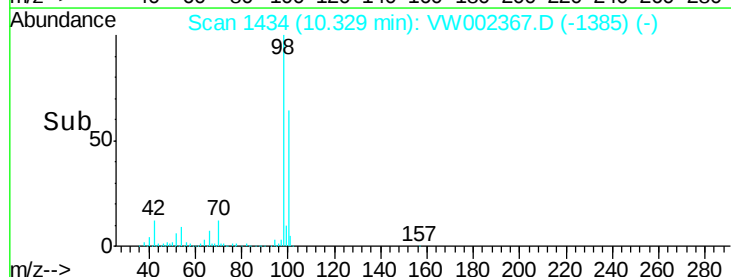
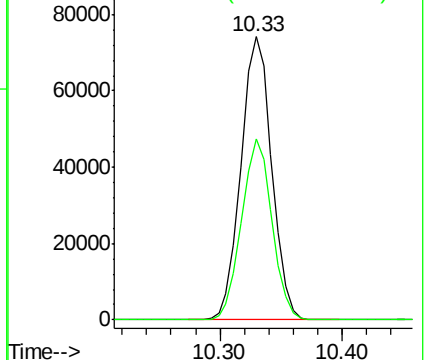
98 100

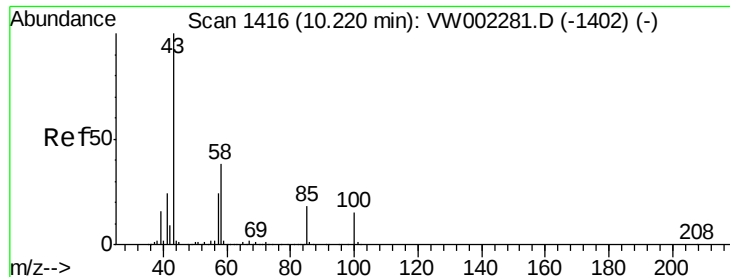
100 63.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 5.41 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002367.D

Acq: 10 May 2018 08:50

Instrument :

MSVOA_W

ClientSampleId :

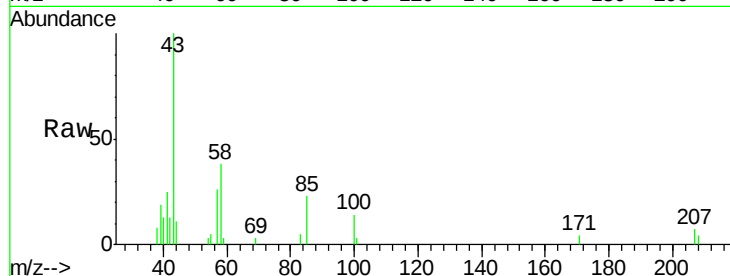
TP-2

Tot Ion: 43 Resp: 3510

Ion Ratio Lower Upper

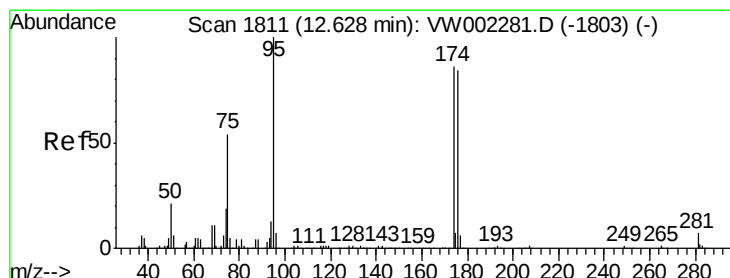
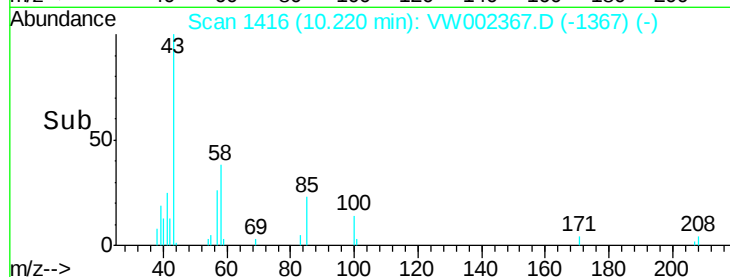
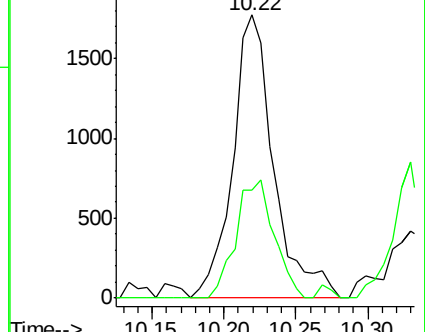
43 100

58 38.7 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 44.73 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002367.D

Acq: 10 May 2018 08:50

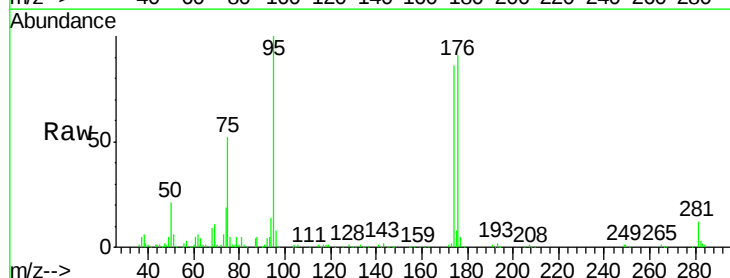
Tgt Ion: 95 Resp: 55561

Ion Ratio Lower Upper

95 100

174 88.9 0.0 176.8

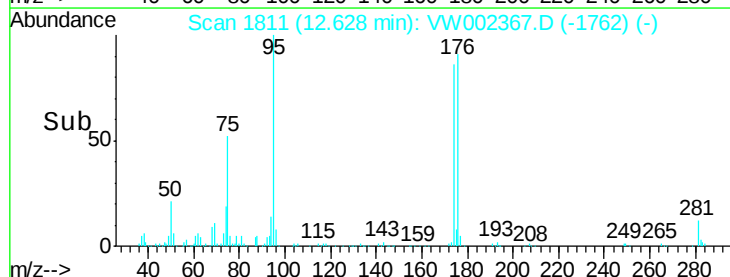
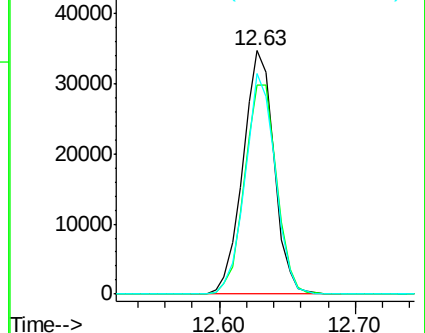
176 87.5 0.0 170.4

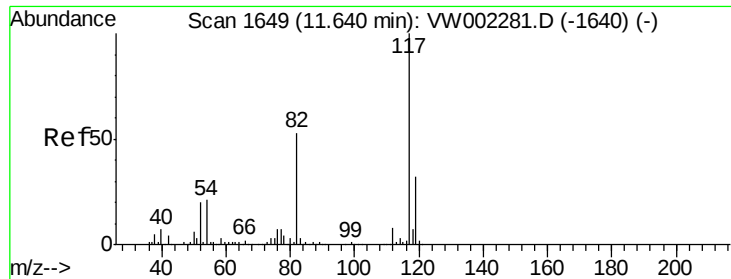


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

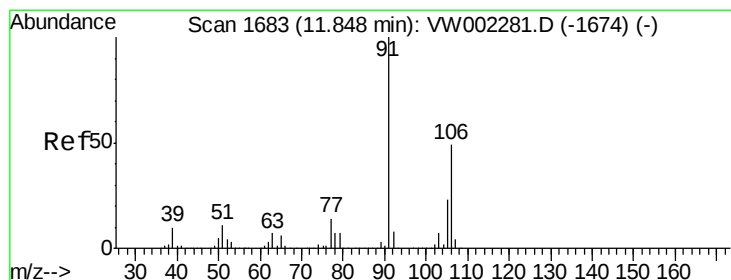
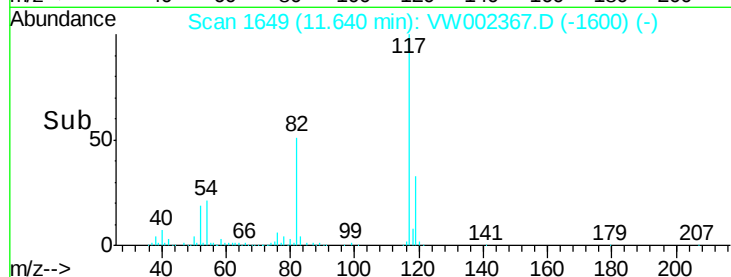
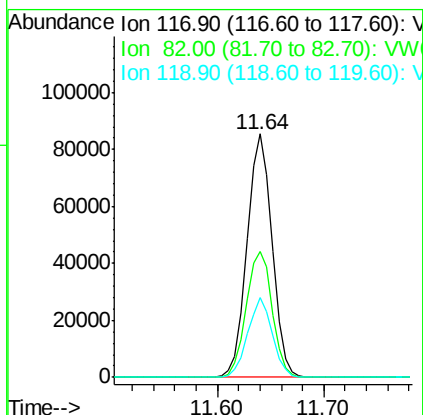
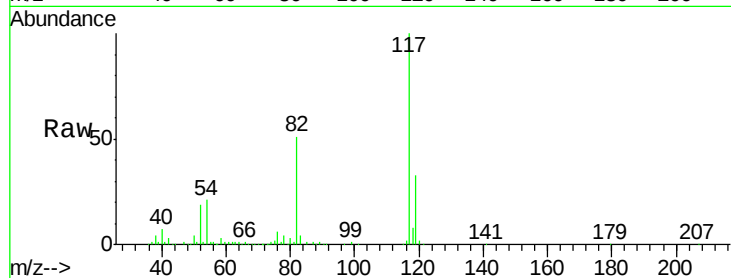




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002367.D
Acq: 10 May 2018 08:50

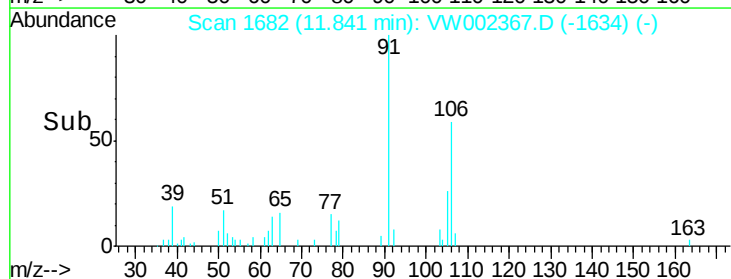
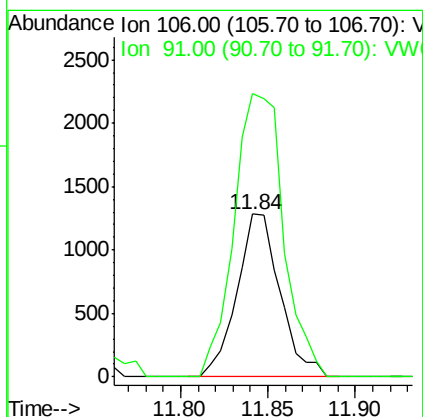
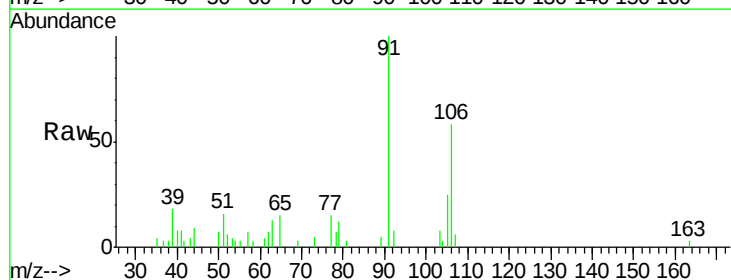
Instrument :
MSVOA_W
ClientSampled :
TP-2

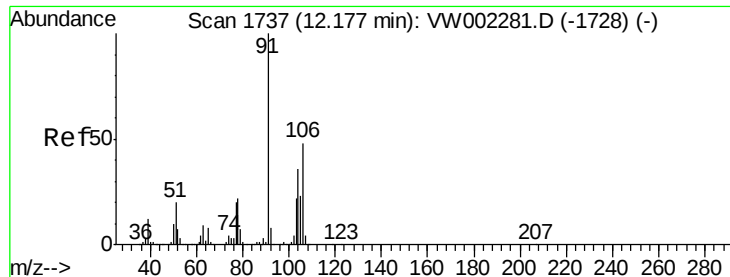
Tot Ion:117 Resp: 140839
Ion Ratio Lower Upper
117 100
82 51.5 42.6 63.8
119 32.9 25.2 37.8



#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VW002367.D
Acq: 10 May 2018 08:50

Tgt Ion:106 Resp: 2202
Ion Ratio Lower Upper
106 100
91 199.5 161.4 242.0

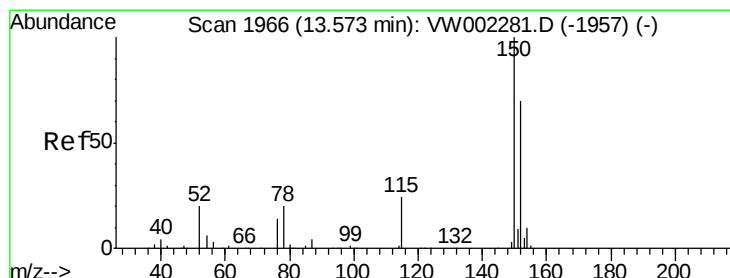
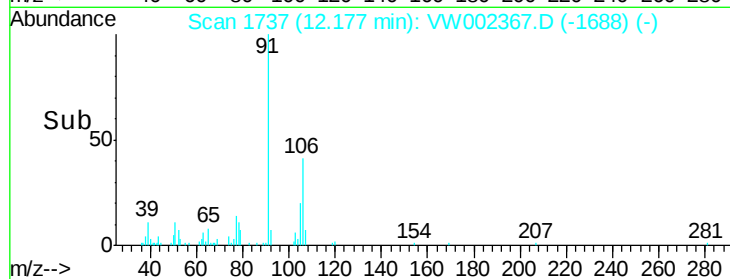
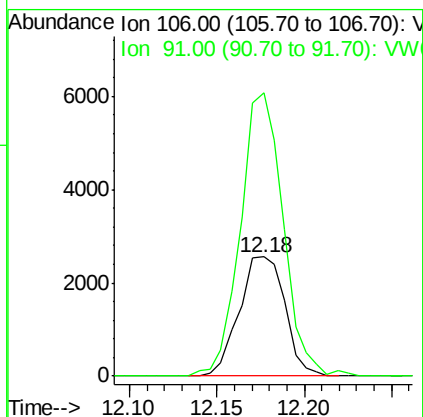
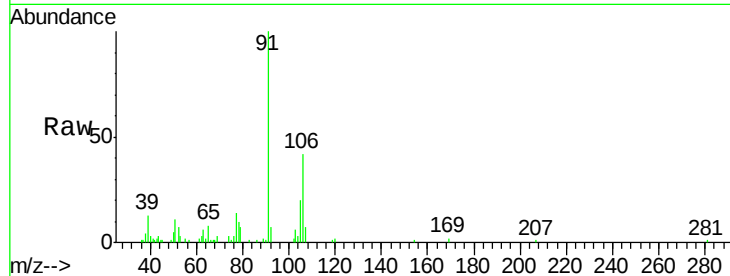




#69
o-Xylene
Concen: 2.56 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002367.D
Acq: 10 May 2018 08:50

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:106 Resp: 4655
Ion Ratio Lower Upper
106 100
91 221.5 107.1 321.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002367.D
Acq: 10 May 2018 08:50

Tgt Ion:152 Resp: 73451
Ion Ratio Lower Upper
152 100
115 56.3 28.5 85.5
150 159.5 0.0 342.6

