

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW050818\
 Data File : VW002305.D
 Acq On : 08 May 2018 19:48
 Operator : JC/SY
 Sample : J2681-01RE
 Misc : 6.48G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-050218-ARE

Quant Time: May 09 08:36:18 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	161130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	252276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	209950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91225	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	76473	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
35) Dibromofluoromethane	7.88	113	73589	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	
50) Toluene-d8	10.33	98	221106	35.86	ug/l	0.00
Spiked Amount			Recovery	=	71.72%	
62) 4-Bromofluorobenzene	12.63	95	76251	34.22	ug/l	0.00
Spiked Amount			Recovery	=	68.44%	

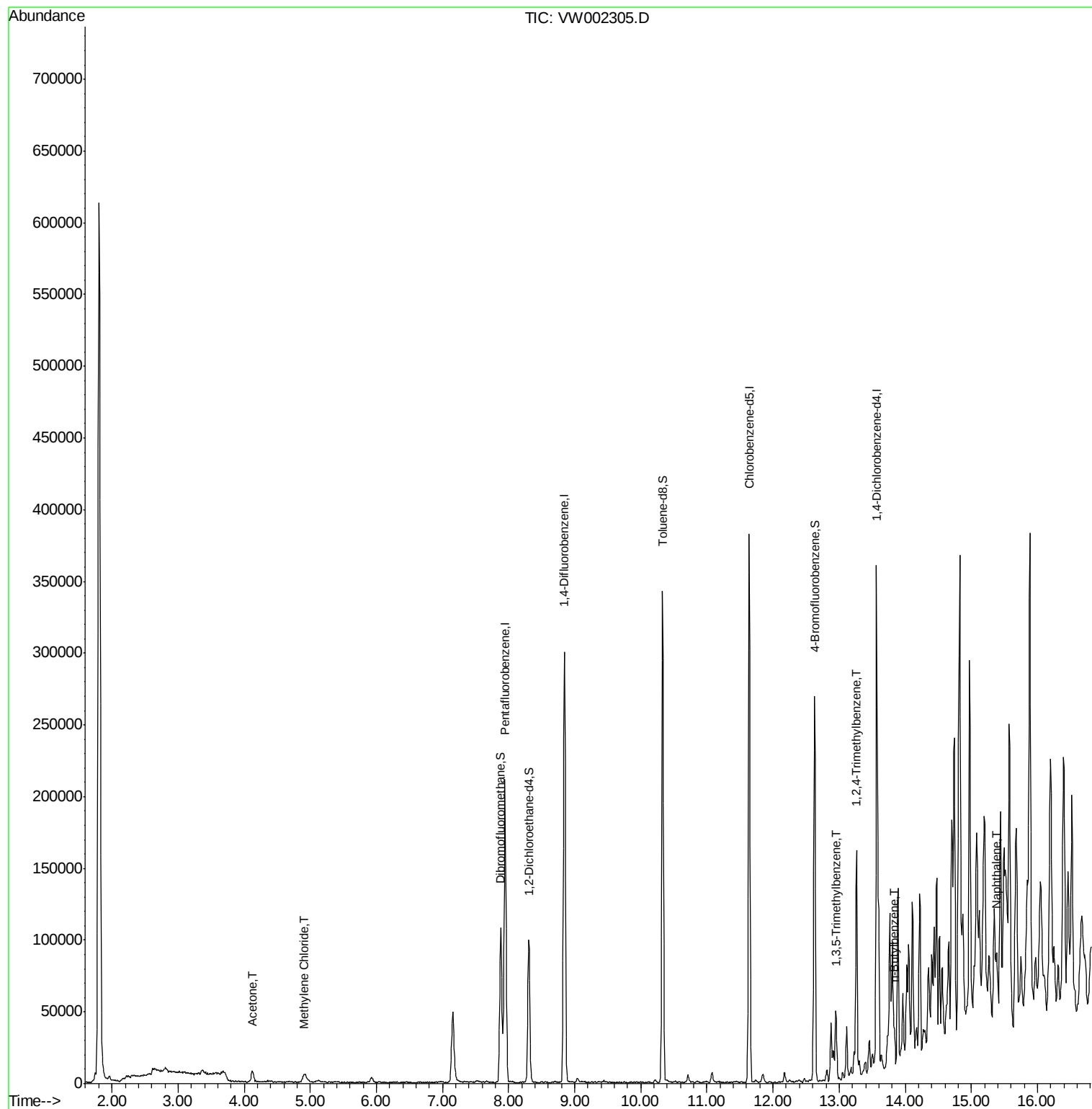
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	12346	36.94	ug/l	90
20) Methylene Chloride	4.91	84	5511	3.42	ug/l	92
80) 1,3,5-Trimethylbenzene	12.96	105	16873	3.39	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	83991	16.25	ug/l	98
89) n-Butylbenzene	13.84	91	11943	2.33	ug/l #	72
95) Naphthalene	15.38	128	19255	5.46	ug/l	97

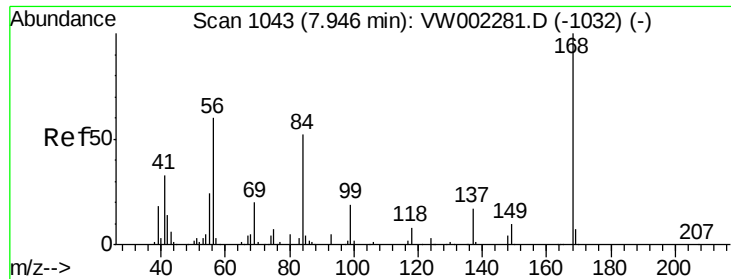
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002305.D

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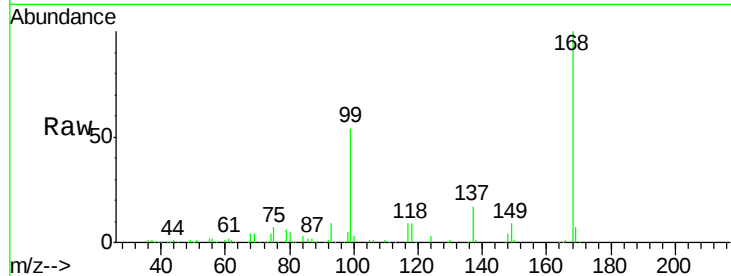
Instrument :
MSVOA_W
ClientSampleId :
NB-08-050218-ARE

Tot Ion:168 Resp: 161130

Ion Ratio Lower Upper

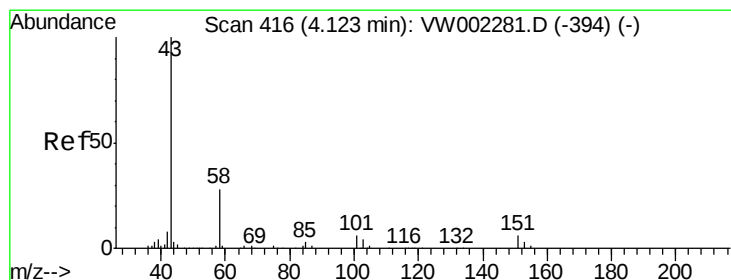
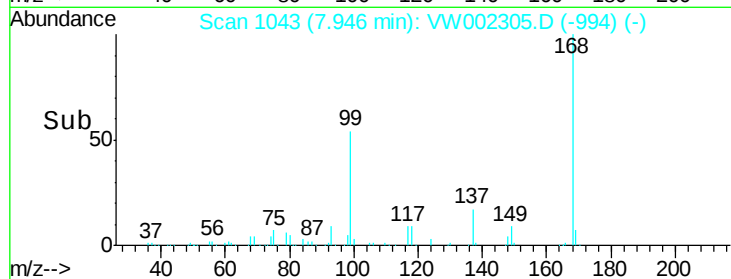
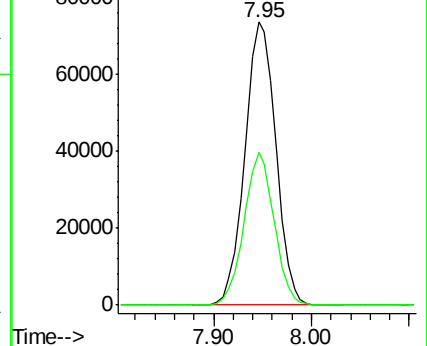
168 100

99 54.1 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: 36.94 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.00 min

Lab File: VW002305.D

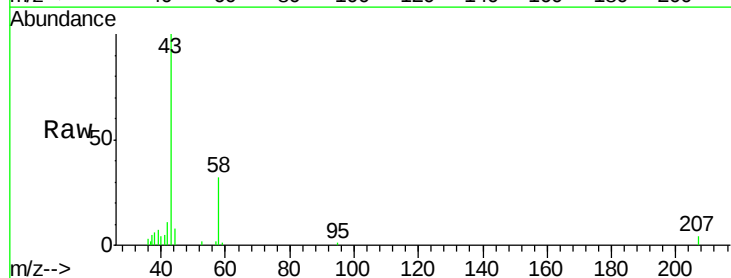
Acq: 08 May 2018 19:48

Tgt Ion: 43 Resp: 12346

Ion Ratio Lower Upper

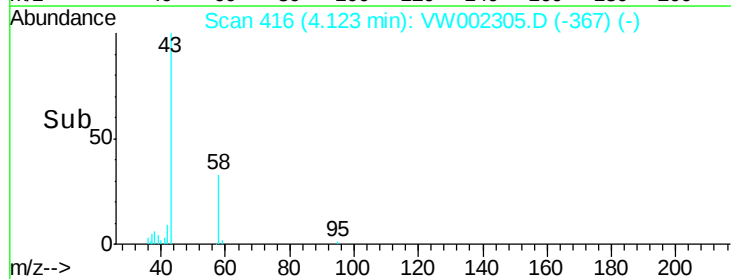
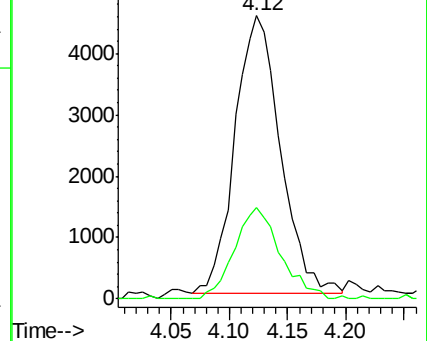
43 100

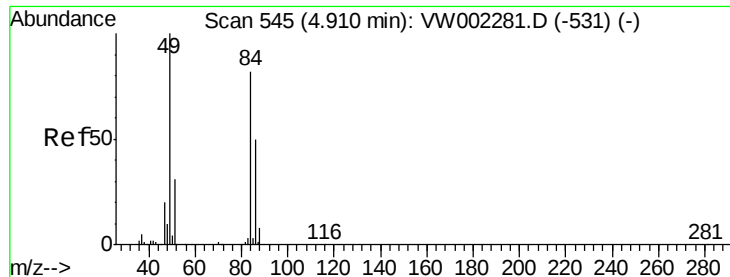
58 32.9 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

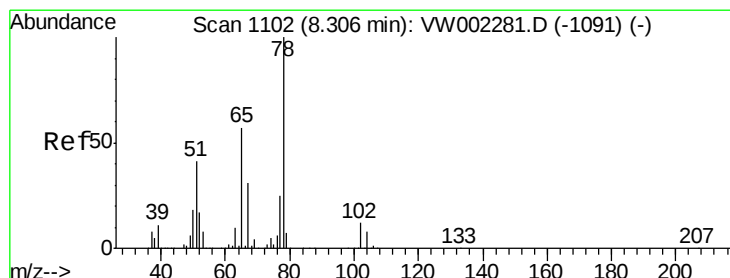
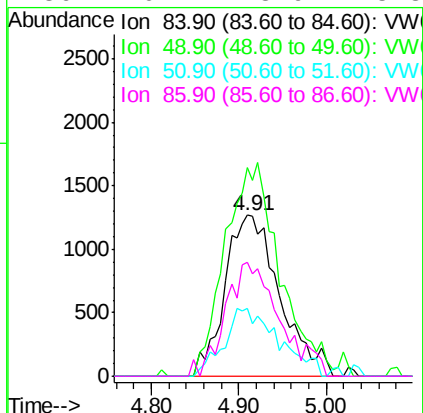
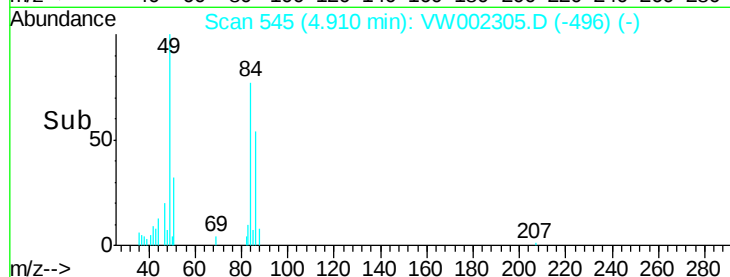
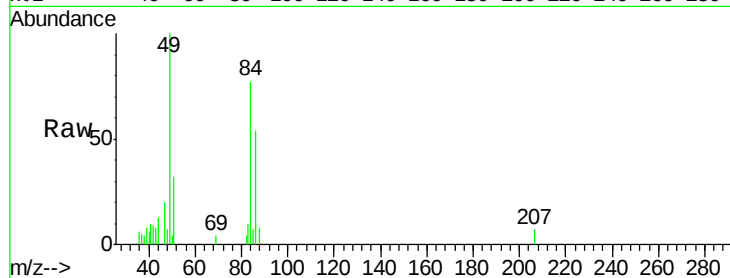




#20
Methylene Chloride
Concen: 3.42 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW002305.D
Acq: 08 May 2018 19:48

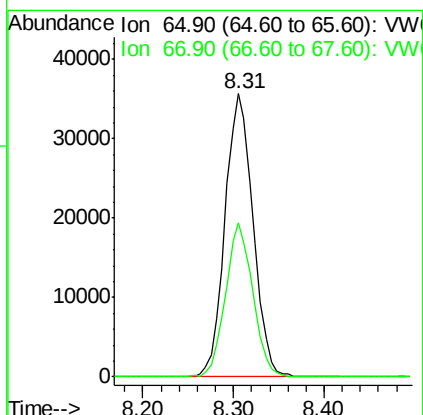
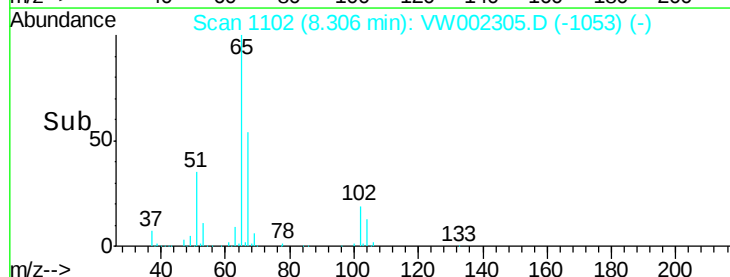
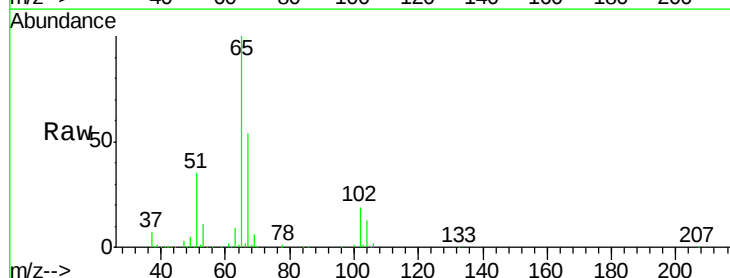
Instrument :
MSVOA_W
ClientSampleId :
NB-08-050218-ARE

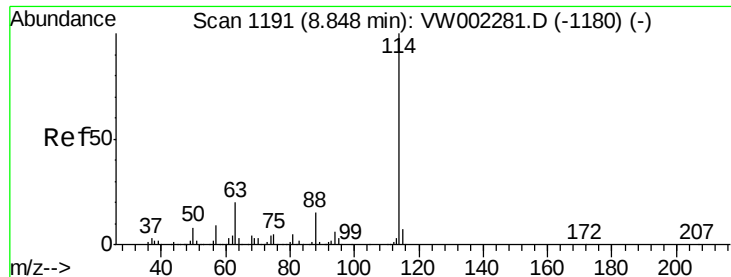
Tot Ion: 84 Resp: 5511
Ion Ratio Lower Upper
84 100
49 129.6 97.7 146.5
51 41.9 30.2 45.4
86 70.4 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 44.69 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW002305.D
Acq: 08 May 2018 19:48

Tgt Ion: 65 Resp: 76473
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.2

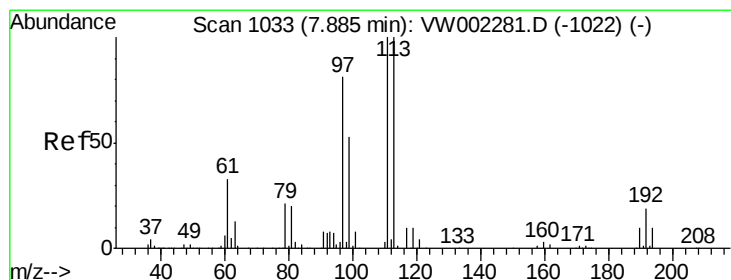
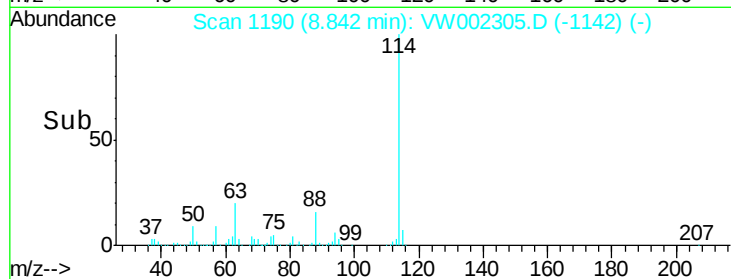
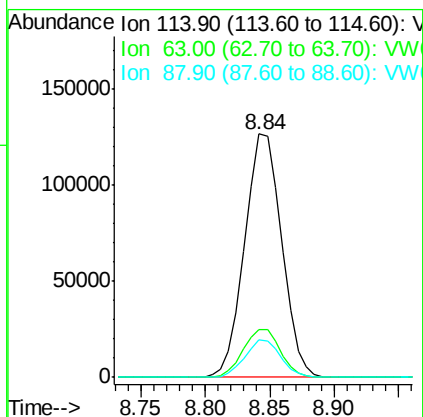
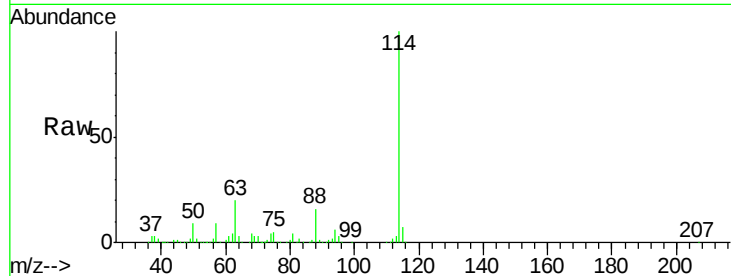




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002305.D
 Acq: 08 May 2018 19:48

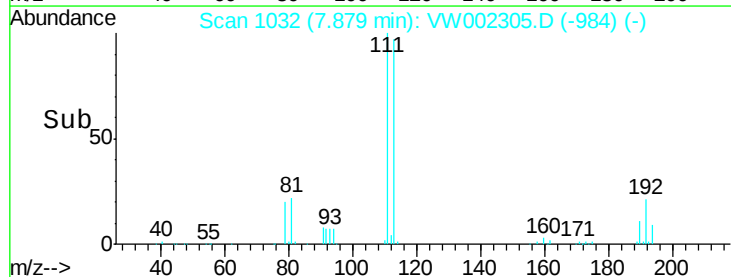
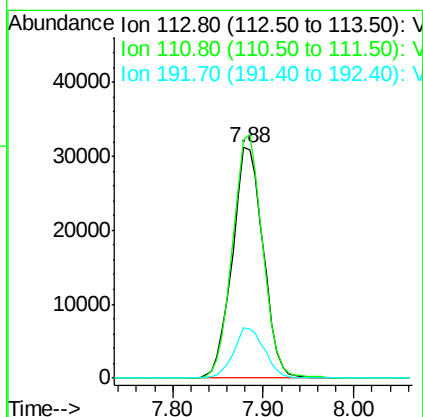
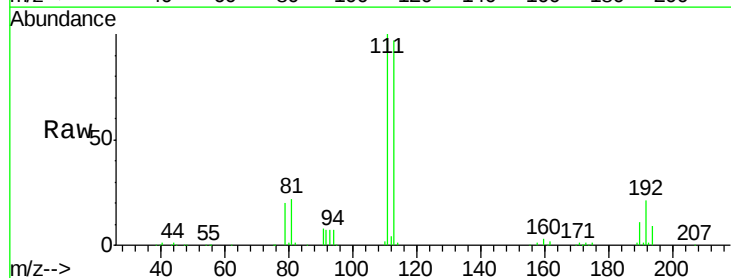
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-08-050218-ARE

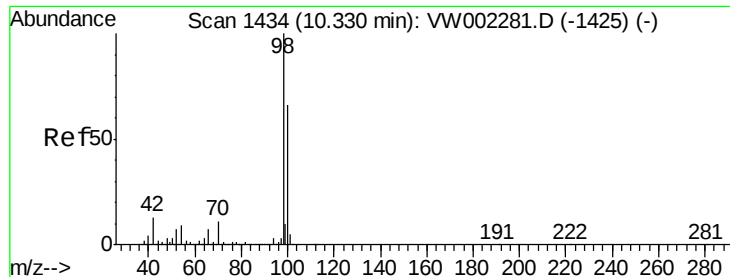
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.5	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 45.51 ug/l
 RT: 7.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: VW002305.D
 Acq: 08 May 2018 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	21.8	16.4	24.6





#50

Toluene-d8

Concen: 35.86 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002305.D

Acq: 08 May 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

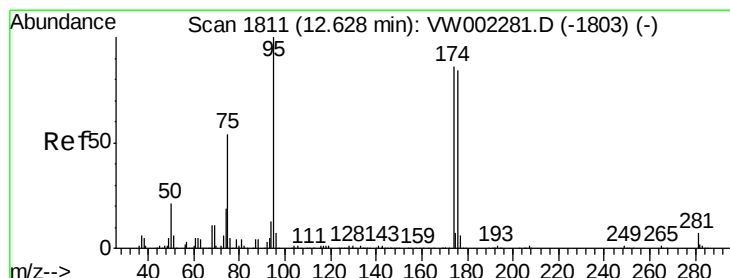
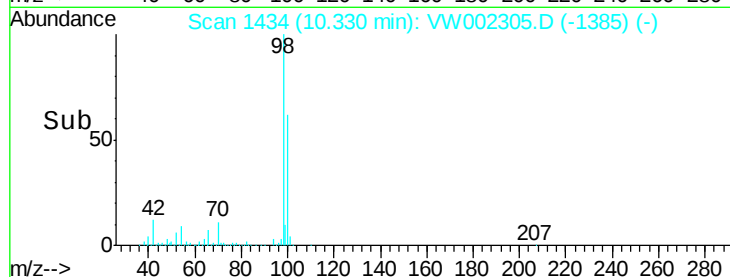
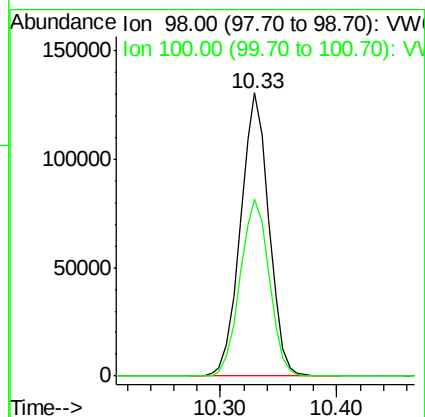
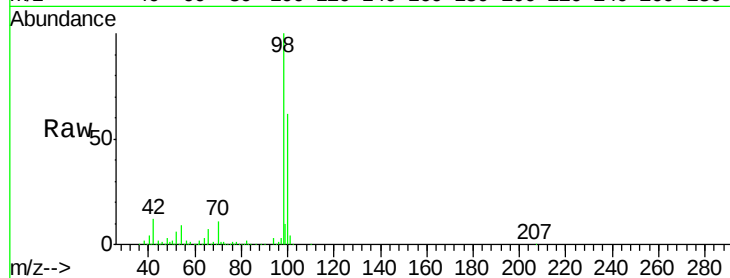
NB-08-050218-ARE

Tot Ion: 98 Resp: 221106

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 34.22 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002305.D

Acq: 08 May 2018 19:48

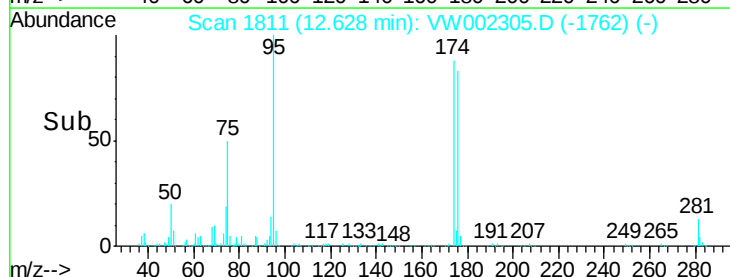
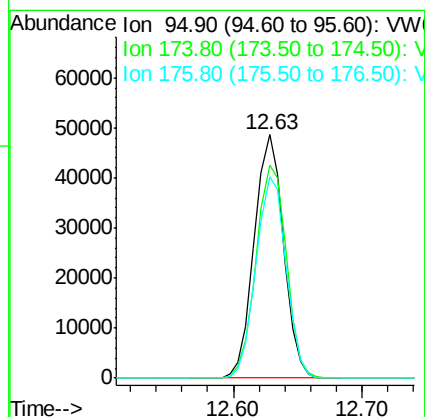
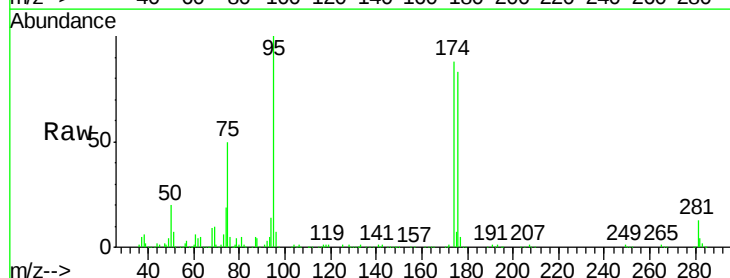
Tgt Ion: 95 Resp: 76251

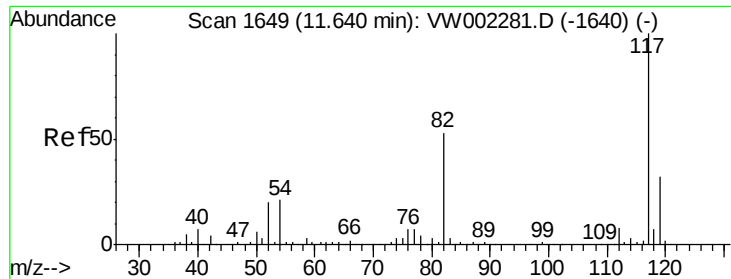
Ion Ratio Lower Upper

95 100

174 90.7 0.0 176.8

176 84.8 0.0 170.4

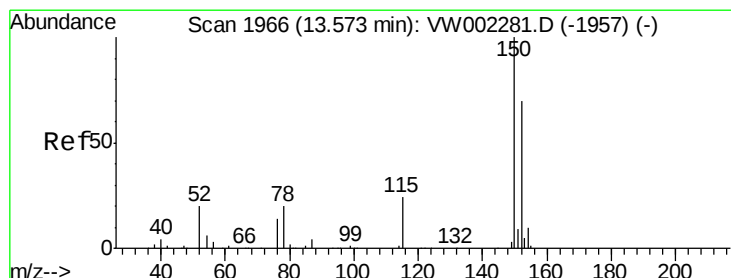
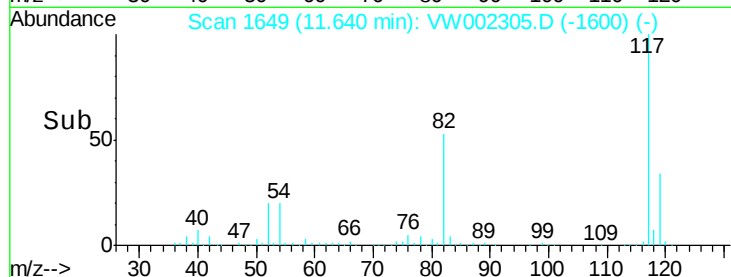
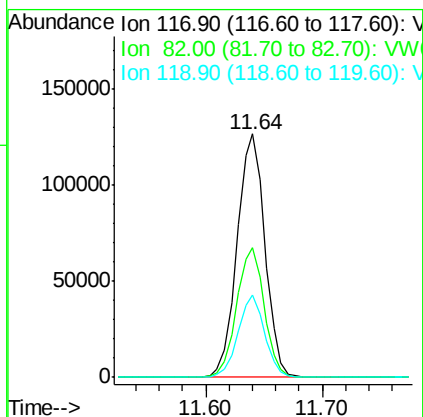
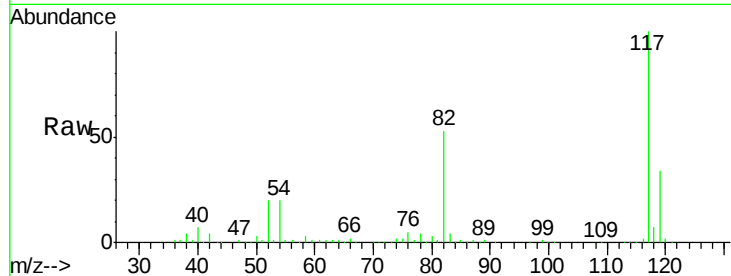




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002305.D
Acq: 08 May 2018 19:48

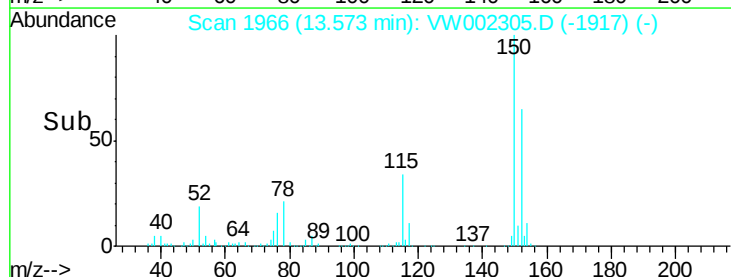
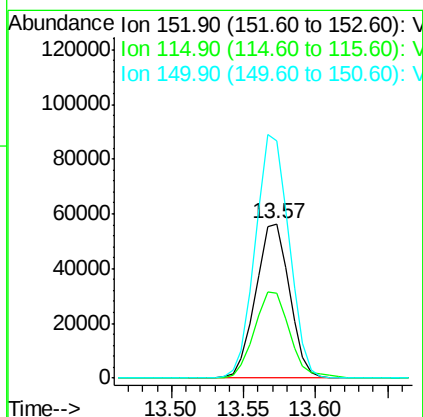
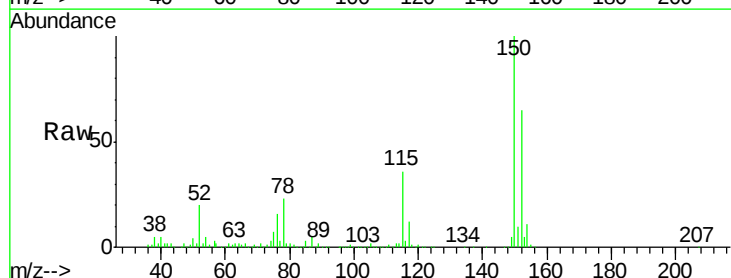
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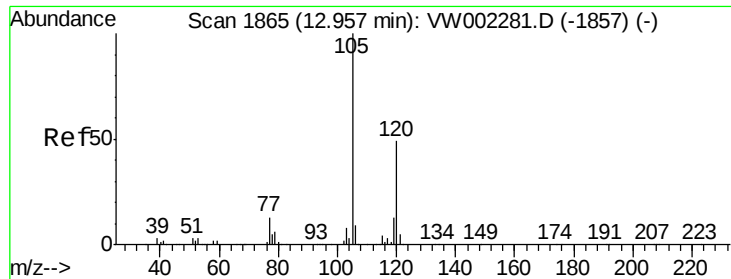
Tot Ion:117 Resp: 209950
Ion Ratio Lower Upper
117 100
82 53.4 42.6 63.8
119 33.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VW002305.D
Acq: 08 May 2018 19:48

Tgt Ion:152 Resp: 91225
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 157.5 0.0 342.6





#80

1,3,5-Trimethylbenzene

Concen: 3.39 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002305.D

Acq: 08 May 2018 19:48

Instrument :

MSVOA_W

ClientSampleId :

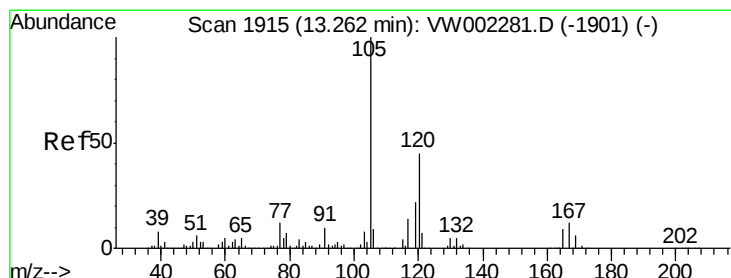
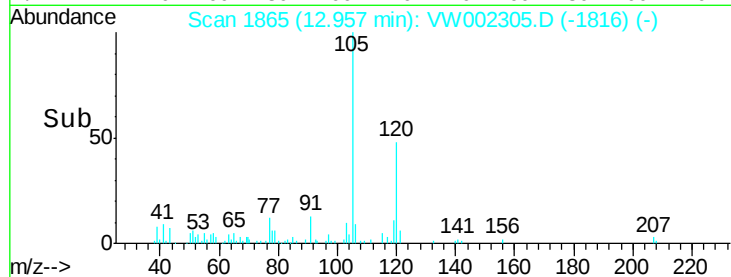
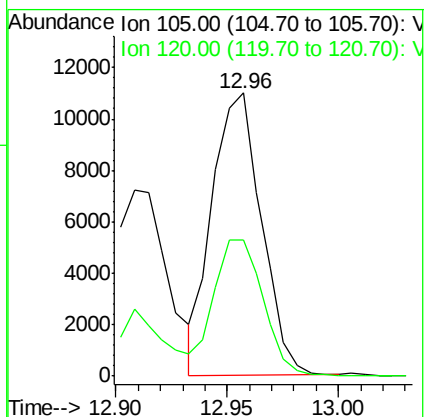
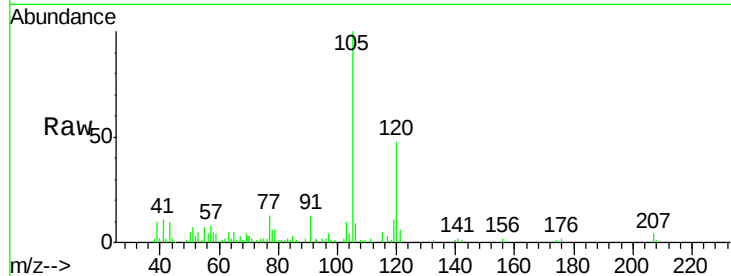
NB-08-050218-ARE

Tot Ion:105 Resp: 16873

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0



#84

1,2,4-Trimethylbenzene

Concen: 16.25 ug/l

RT: 13.26 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW002305.D

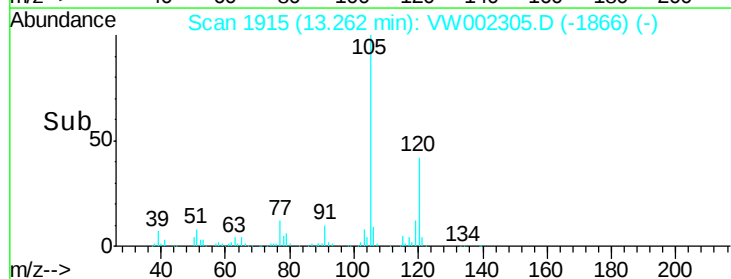
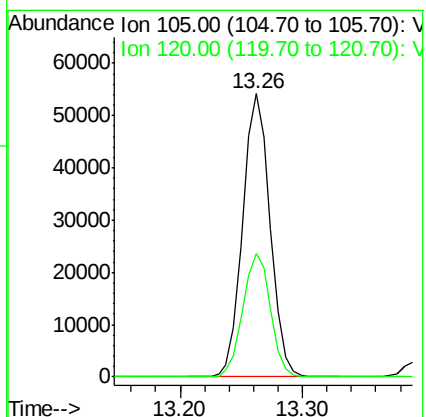
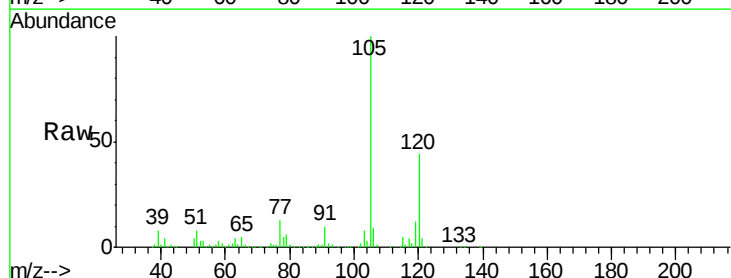
Acq: 08 May 2018 19:48

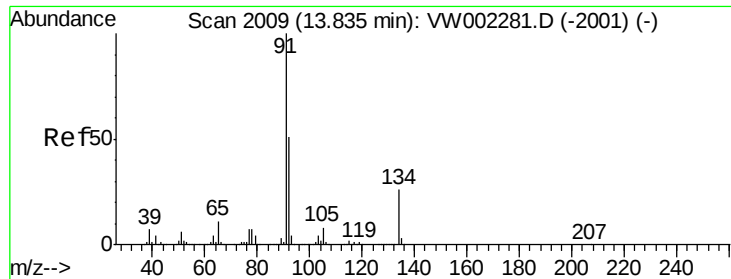
Tgt Ion:105 Resp: 83991

Ion Ratio Lower Upper

105 100

120 44.0 22.5 67.5

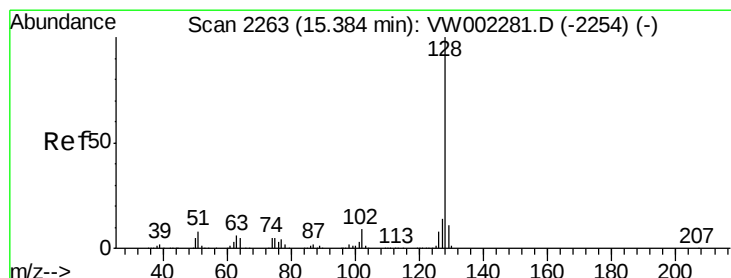
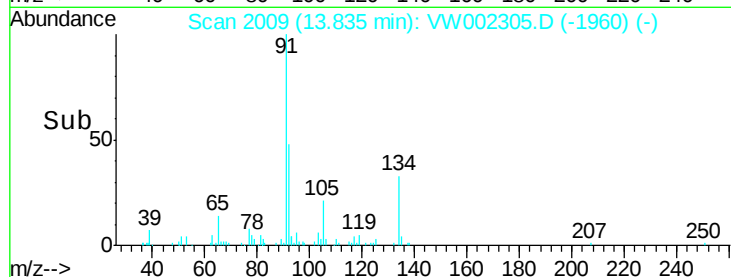
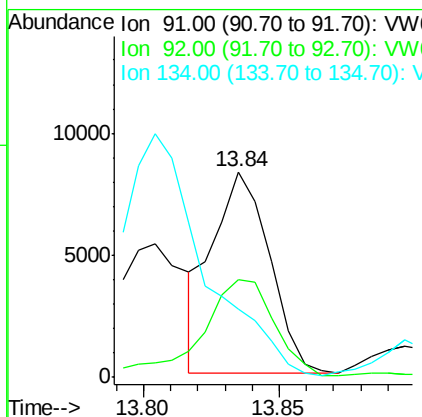
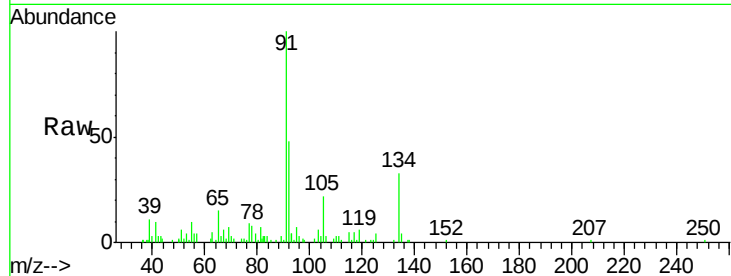




#89
n-Butylbenzene
Concen: 2.33 ug/l
RT: 13.84 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW002305.D
Acq: 08 May 2018 19:48

Instrument :
MSVOA_W
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Tot Ion: 91 Resp: 11943
Ion Ratio Lower Upper
91 100
92 63.4 25.9 77.8
134 0.0 13.1 39.1#



#95
Naphthalene
Concen: 5.46 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VW002305.D
Acq: 08 May 2018 19:48

Tgt Ion: 128 Resp: 19255
Ion Ratio Lower Upper
128 100
127 14.5 11.0 16.4
129 8.9 8.7 13.1

