

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010919\
 Data File : VW008124.D
 Acq On : 10 Jan 2019 02:18
 Operator : SY/AP
 Sample : K1008-01
 Misc : 6.34G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-010819

Quant Time: Jan 10 07:21:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

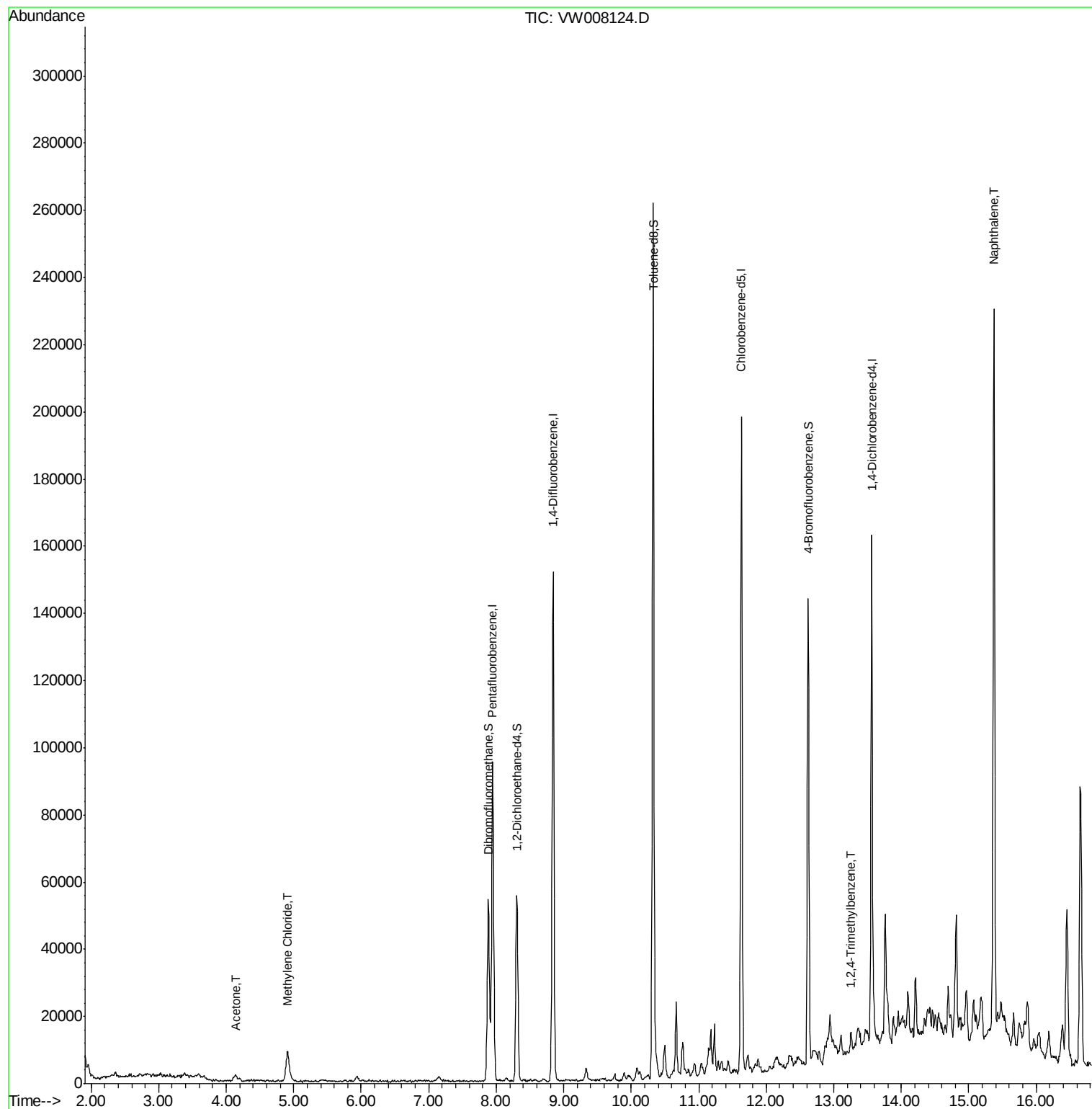
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	105330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42167	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
35) Dibromofluoromethane	7.88	113	37938	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
50) Toluene-d8	10.32	98	156772	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	45849	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
Target Compounds						
16) Acetone	4.14	43	3425	4.708	ug/l	95
20) Methylene Chloride	4.90	84	6602	4.593	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	3592	1.450	ug/l	94
95) Naphthalene	15.37	128	183358	134.377	ug/l	100

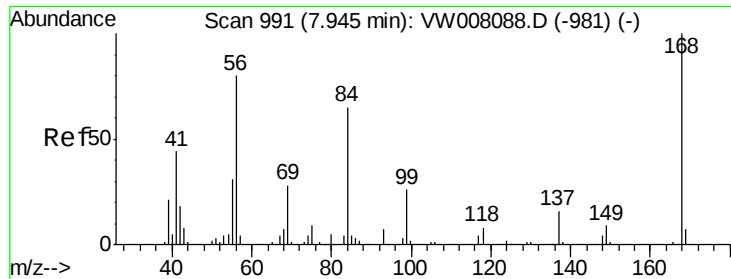
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

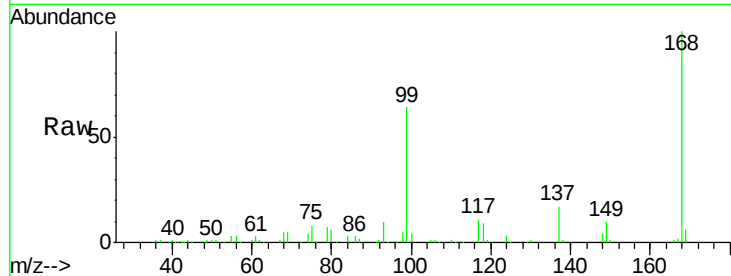
HD-02-010819

Tot Ion:168 Resp: 66590

Ion Ratio Lower Upper

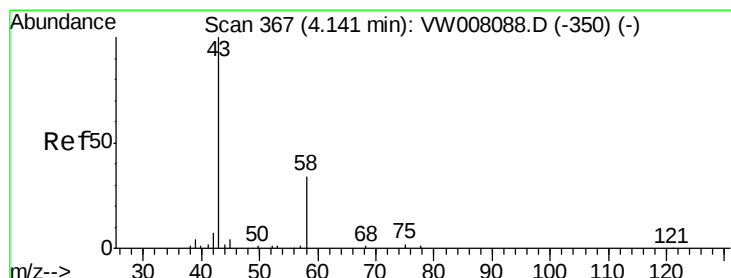
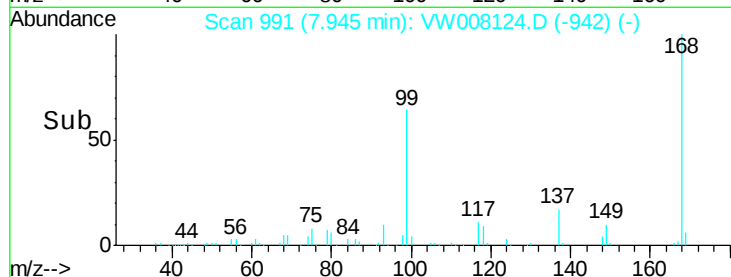
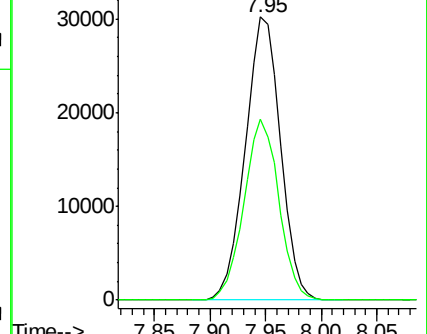
168 100

99 64.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.708 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008124.D

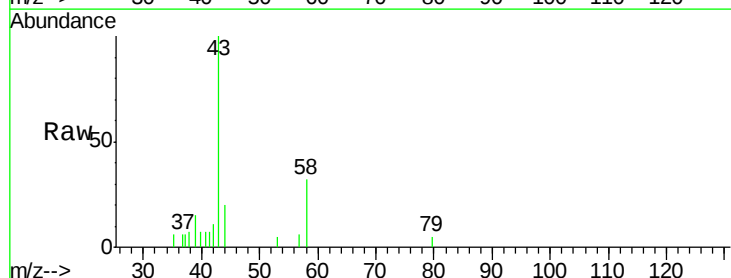
Acq: 10 Jan 2019 02:18

Tgt Ion: 43 Resp: 3425

Ion Ratio Lower Upper

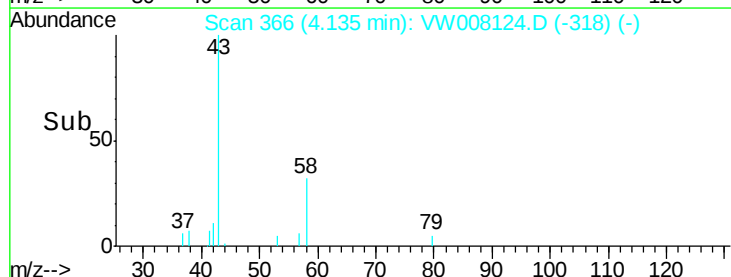
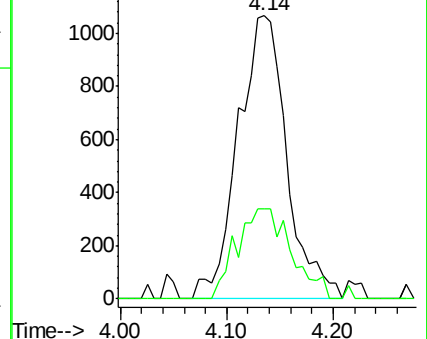
43 100

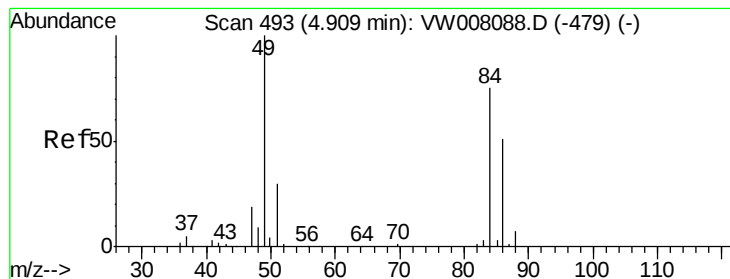
58 31.7 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.593 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

HD-02-010819

Tot Ion: 84 Resp: 6602

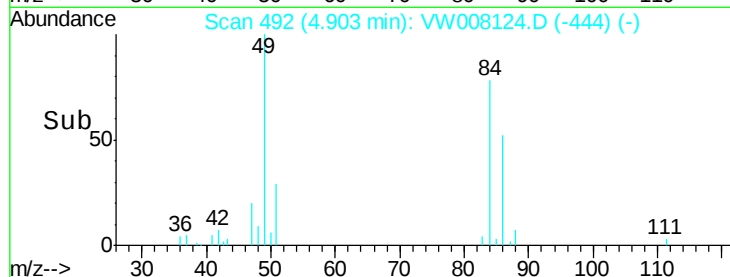
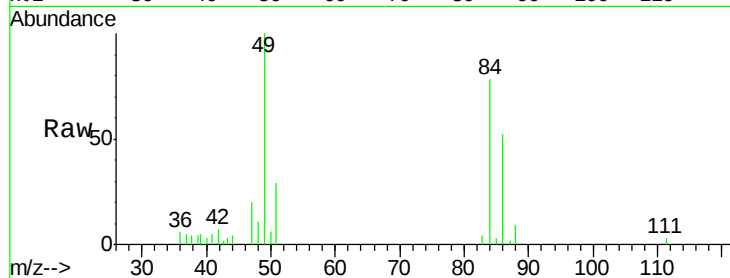
Ion Ratio Lower Upper

84 100

49 127.9 107.1 160.7

51 37.3 32.4 48.6

86 66.0 54.2 81.4

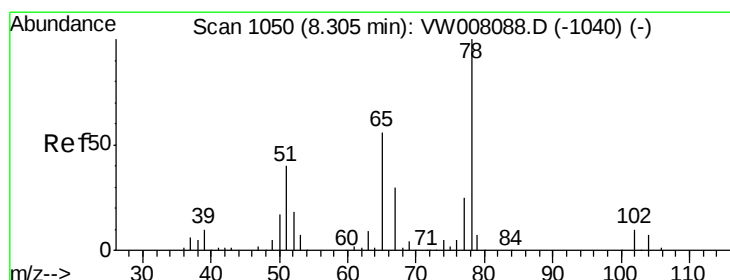
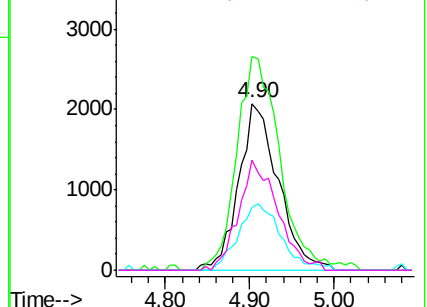


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 56.342 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008124.D

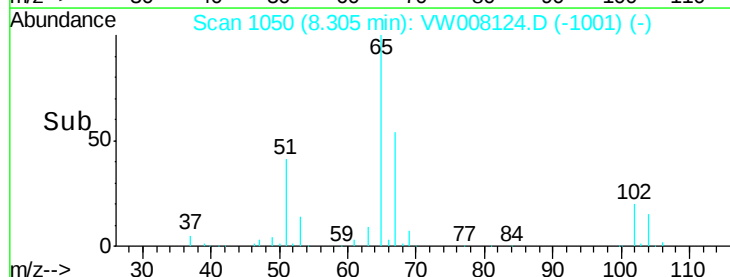
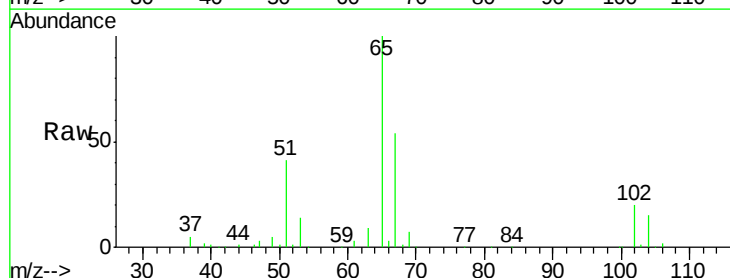
Acq: 10 Jan 2019 02:18

Tgt Ion: 65 Resp: 42167

Ion Ratio Lower Upper

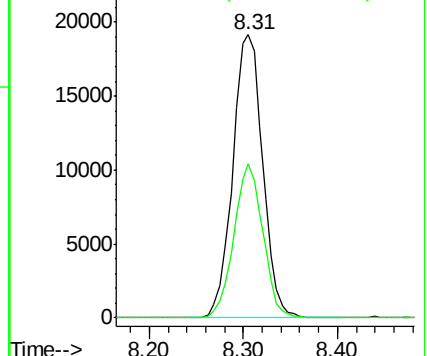
65 100

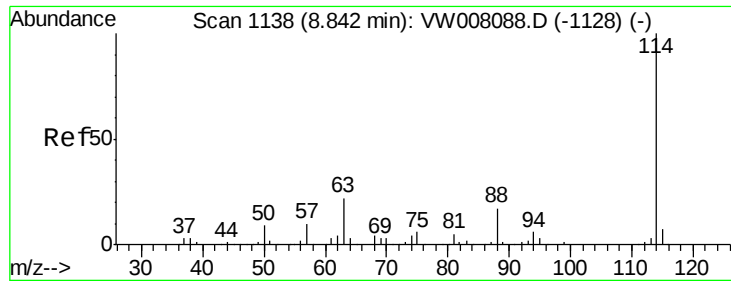
67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

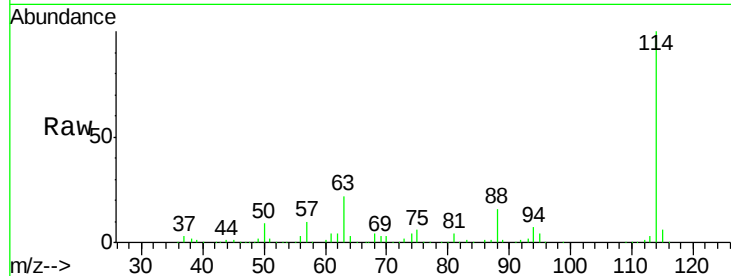




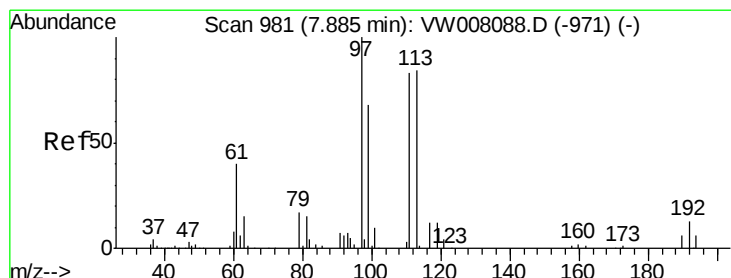
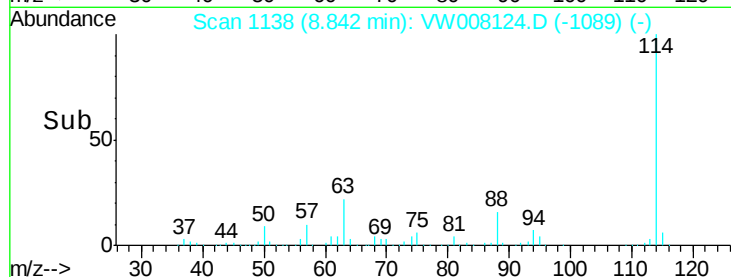
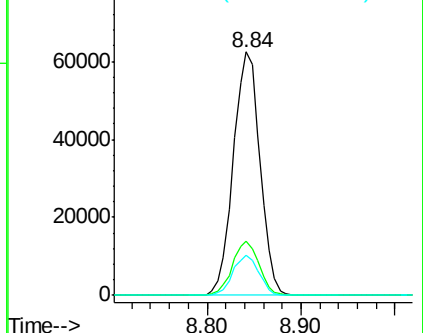
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008124.D
 Acq: 10 Jan 2019 02:18

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-010819

Tot Ion:114 Resp: 122749
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 16.3 0.0 33.4

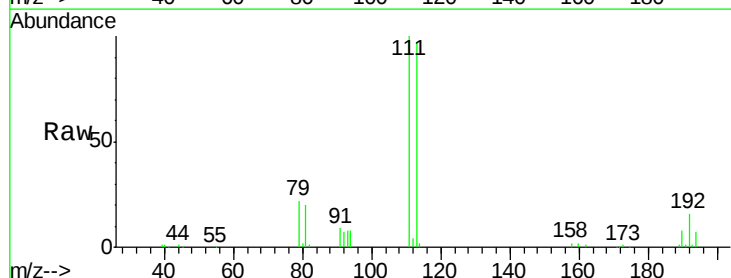


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

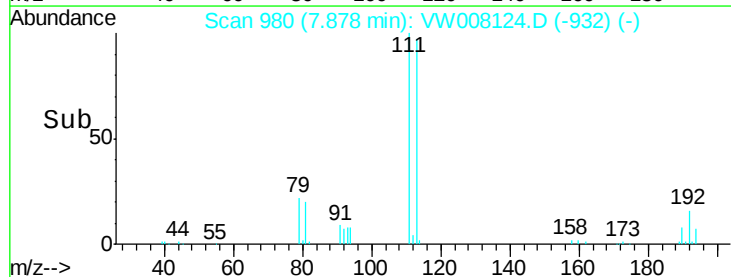
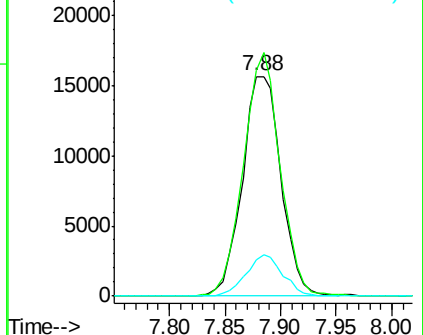


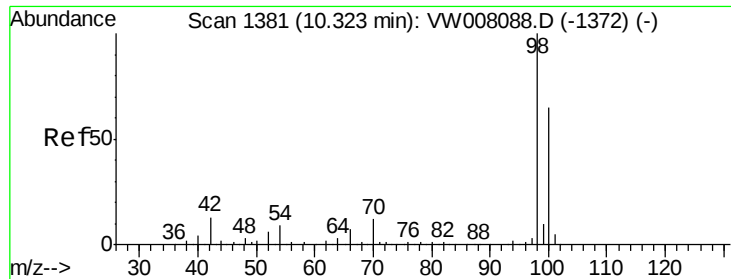
#35
 Dibromofluoromethane
 Concen: 52.992 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008124.D
 Acq: 10 Jan 2019 02:18

Tgt Ion:113 Resp: 37938
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.8 122.8
 192 17.6 12.8 19.2



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: 52.183 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

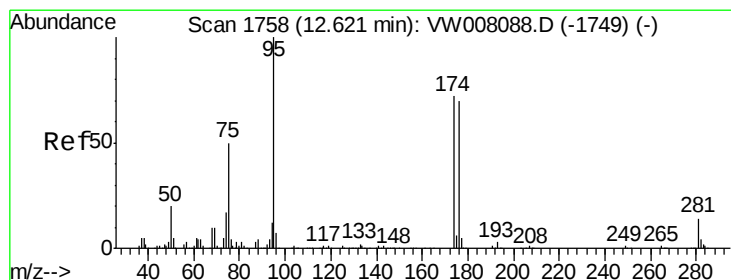
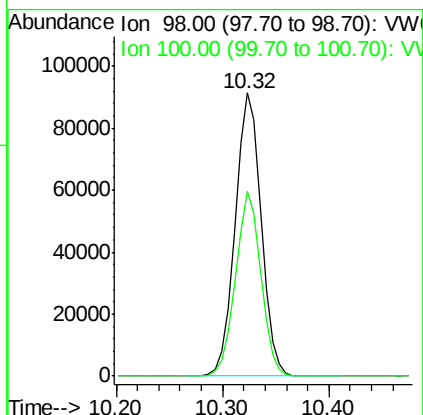
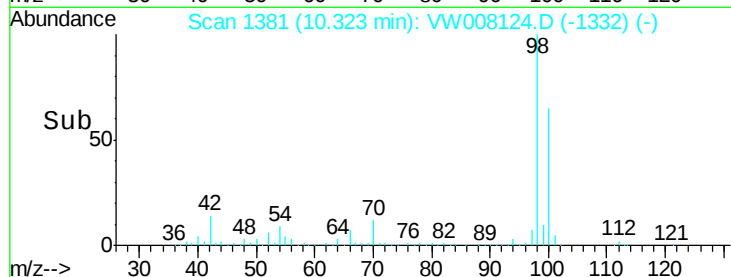
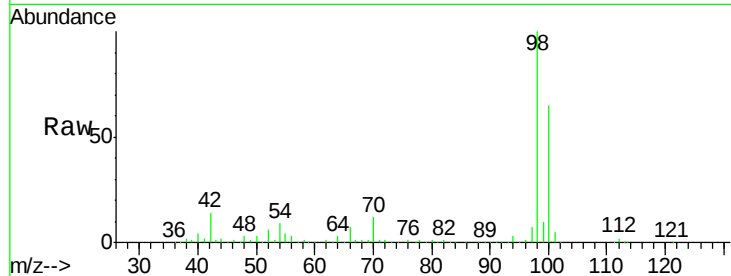
HD-02-010819

Tot Ion: 98 Resp: 156772

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 42.570 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

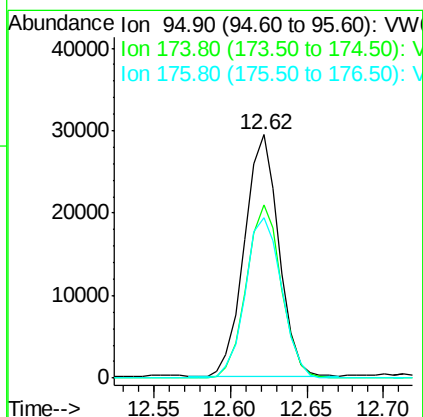
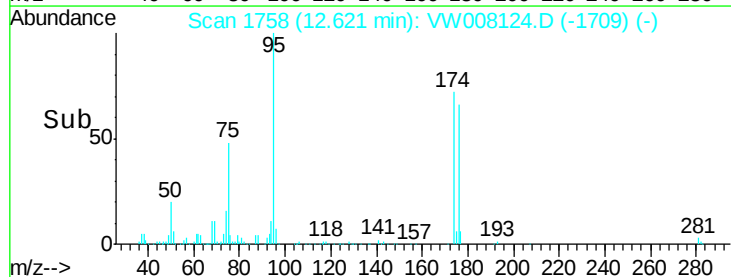
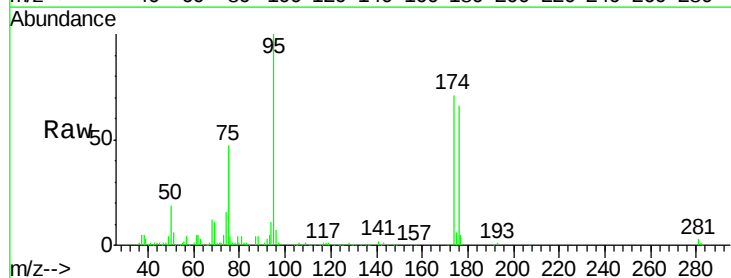
Tgt Ion: 95 Resp: 45849

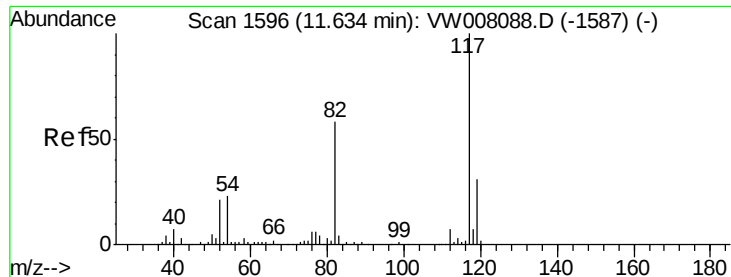
Ion Ratio Lower Upper

95 100

174 72.7 0.0 143.0

176 70.2 0.0 140.2

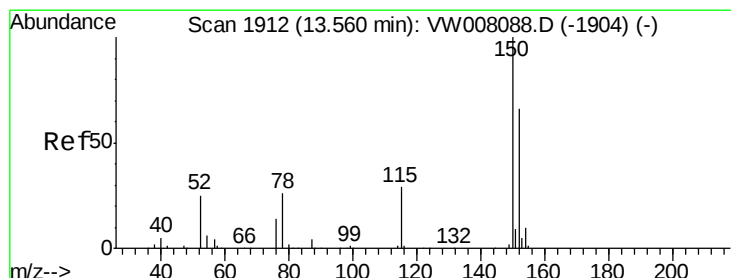
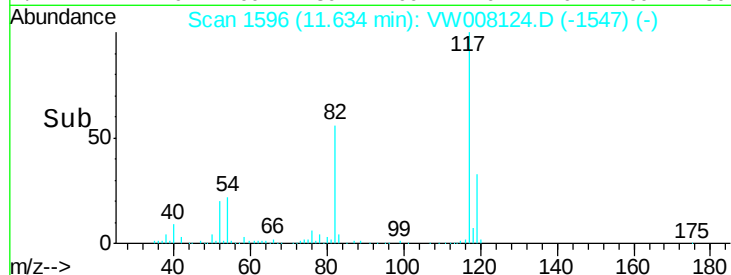
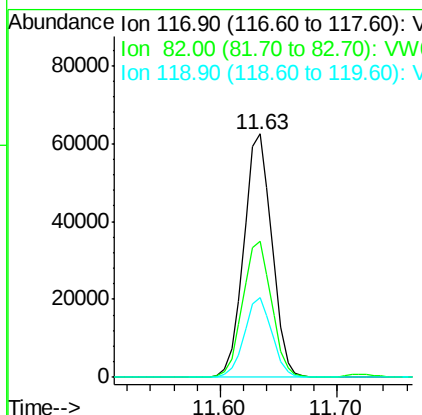
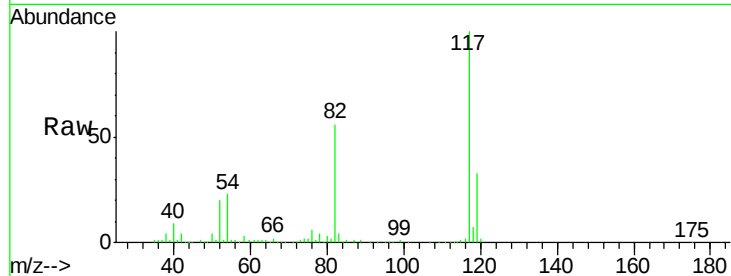




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

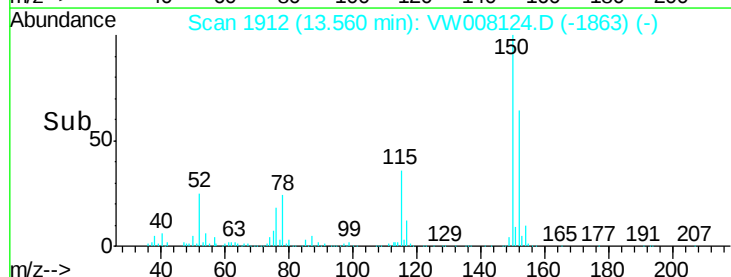
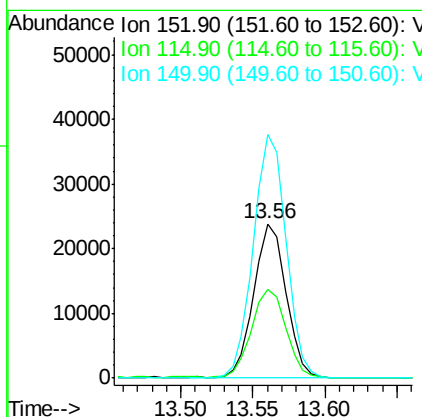
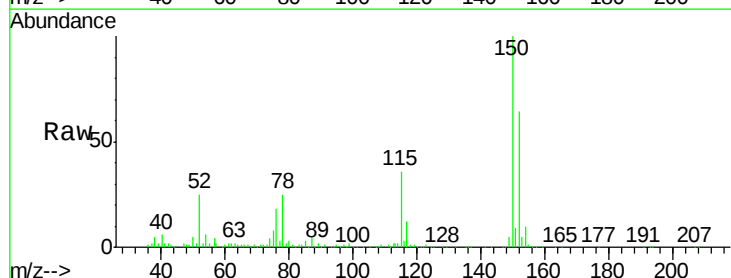
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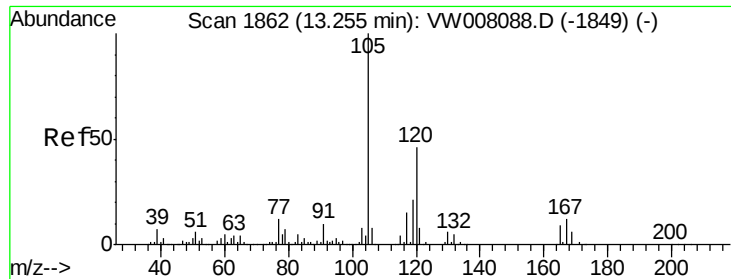
Tot Ion:117 Resp: 105330
Ion Ratio Lower Upper
117 100
82 55.8 46.4 69.6
119 32.9 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008124.D
Acq: 10 Jan 2019 02:18

Tgt Ion:152 Resp: 37218
Ion Ratio Lower Upper
152 100
115 60.9 30.8 92.4
150 159.3 0.0 350.2





#84

1,2,4-Trimethylbenzene

Concen: 1.450 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

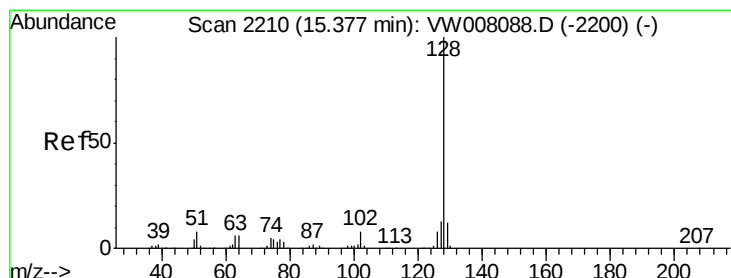
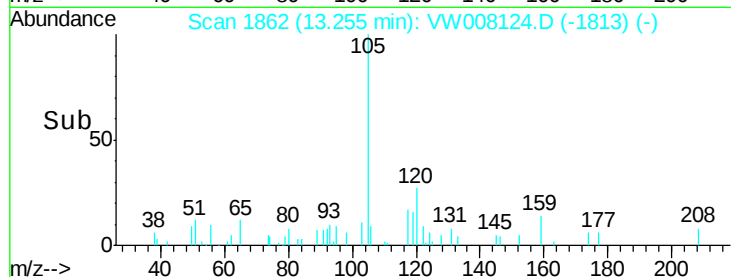
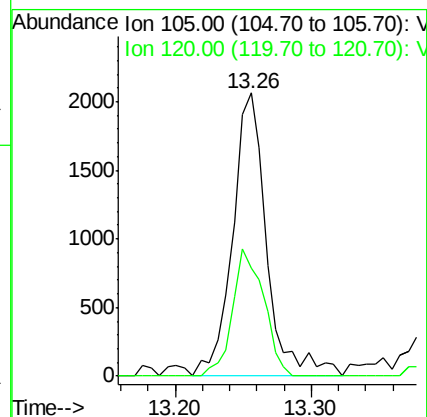
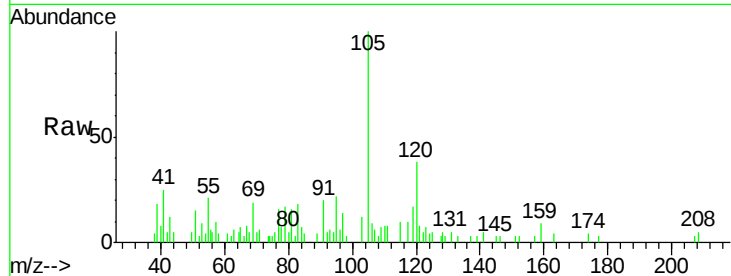
HD-02-010819

Tot Ion:105 Resp: 3592

Ion Ratio Lower Upper

105 100

120 41.2 22.7 68.1



#95

Naphthalene

Concen: 134.377 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW008124.D

Acq: 10 Jan 2019 02:18

Tgt Ion:128 Resp: 183358

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.4

129 11.4 9.0 13.6

