

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021319\
 Data File : VW008651.D
 Acq On : 13 Feb 2019 21:58
 Operator : SY/VA
 Sample : K1345-01
 Misc : 5.86G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-021119

Quant Time: Feb 14 05:54:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

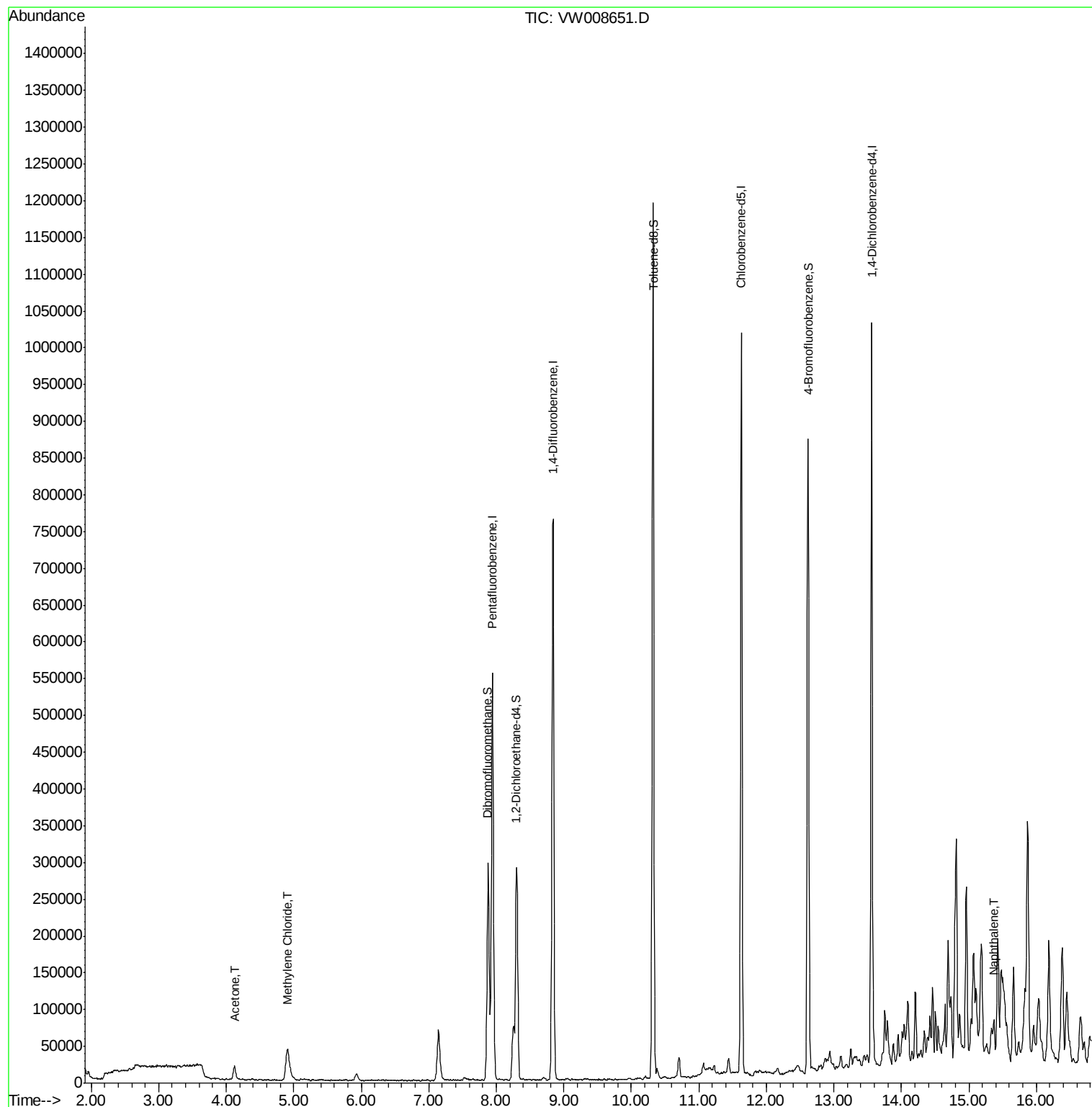
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	430188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	645525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	552612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	248442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	223151	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
35) Dibromofluoromethane	7.88	113	199809	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
50) Toluene-d8	10.32	98	762901	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	12.62	95	257859	44.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.62%	
Target Compounds						
16) Acetone	4.12	43	32271	31.709	ug/l	99
20) Methylene Chloride	4.91	84	40468	2.093	ug/l #	90
95) Naphthalene	15.37	128	20658	2.120	ug/l #	91

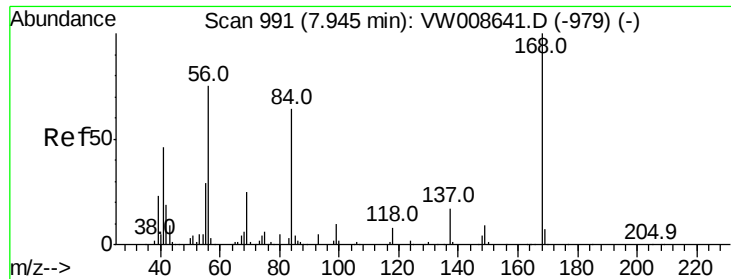
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021319\
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008651.D

Acq: 13 Feb 2019 21:58

Instrument :

MSVOA_W

ClientSampleId :

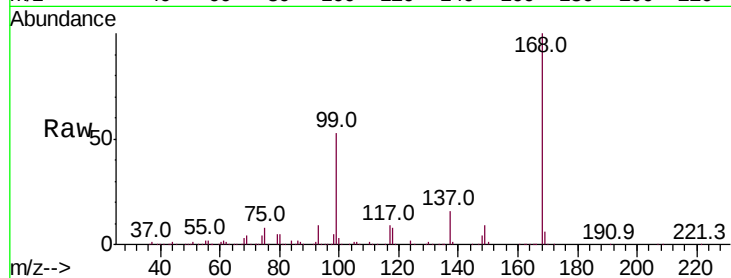
HD-02-021119

Tot Ion:168 Resp: 430188

Ion Ratio Lower Upper

168 100

99 53.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

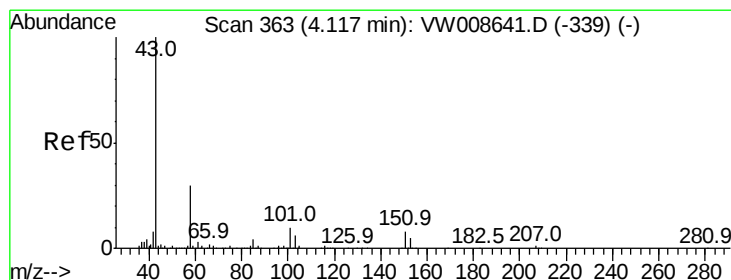
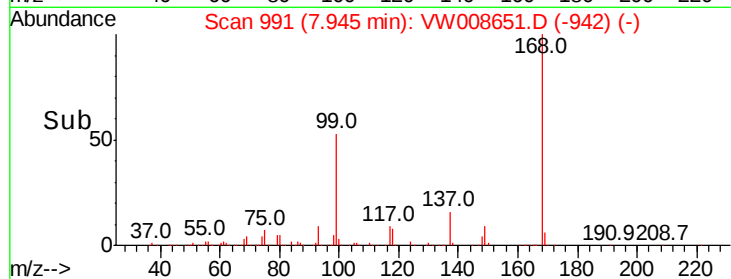
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 31.709 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008651.D

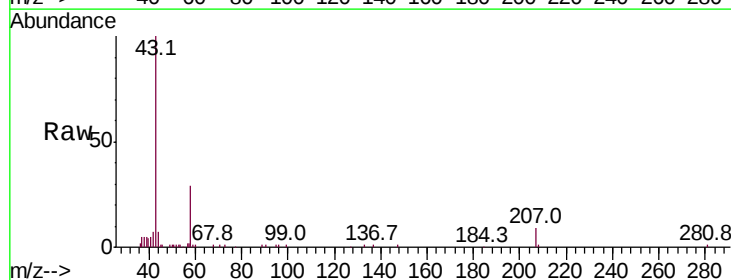
Acq: 13 Feb 2019 21:58

Tgt Ion: 43 Resp: 32271

Ion Ratio Lower Upper

43 100

58 29.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

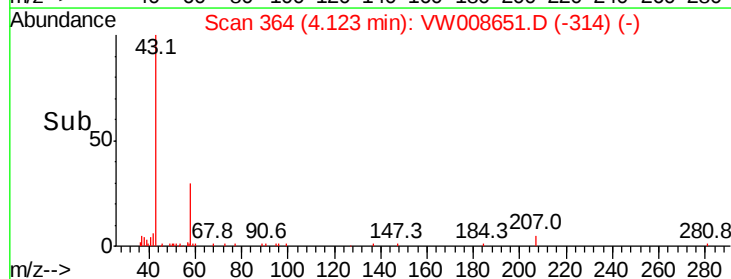
4.12

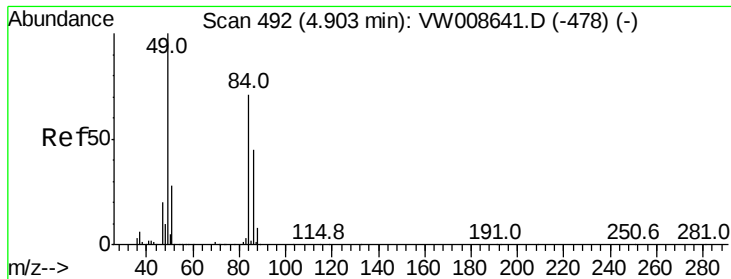
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 2.093 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008651.D

Acq: 13 Feb 2019 21:58

Instrument :

MSVOA_W

ClientSampleId :

HD-02-021119

Tot Ion: 84 Resp: 40468

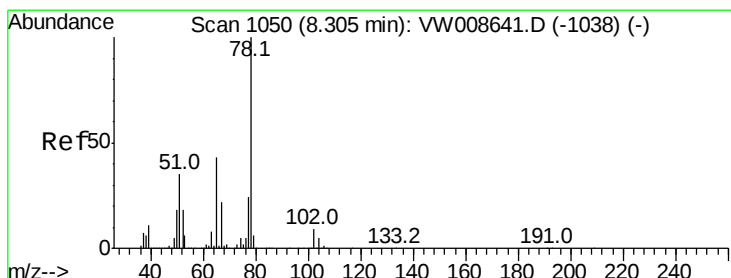
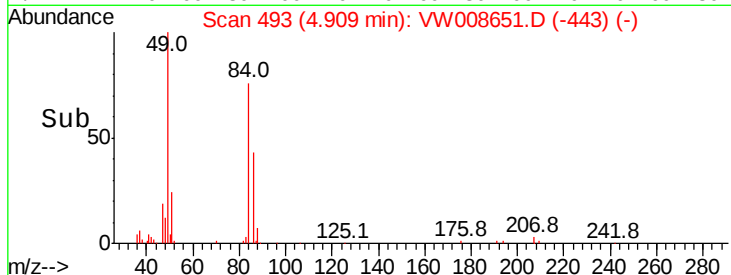
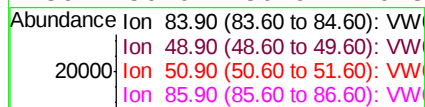
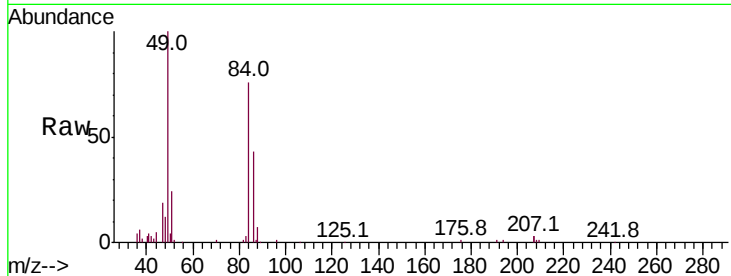
Ion Ratio Lower Upper

84 100

49 130.0 113.3 169.9

51 31.0 32.1 48.1#

86 56.0 50.9 76.3



#33

1,2-Dichloroethane-d4

Concen: 49.895 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008651.D

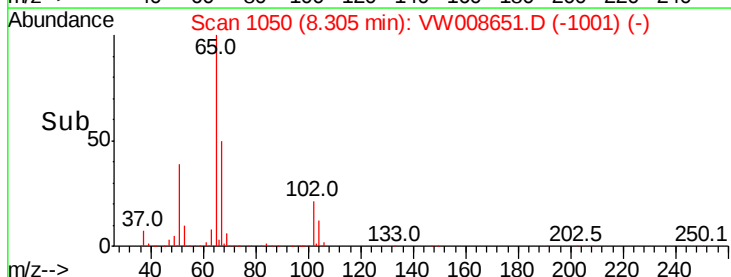
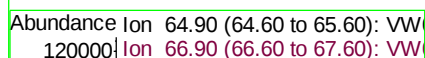
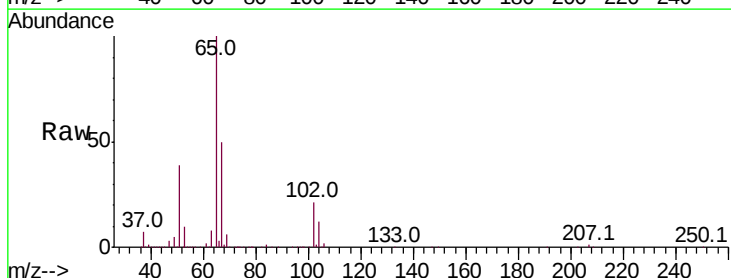
Acq: 13 Feb 2019 21:58

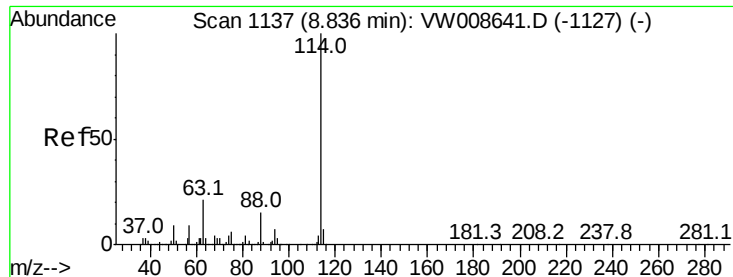
Tgt Ion: 65 Resp: 223151

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.0

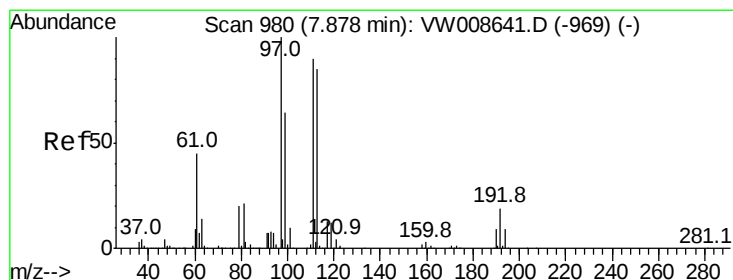
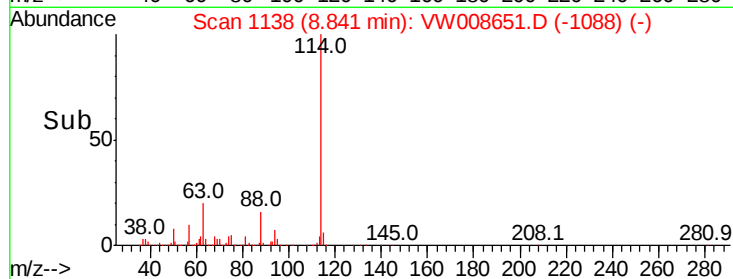
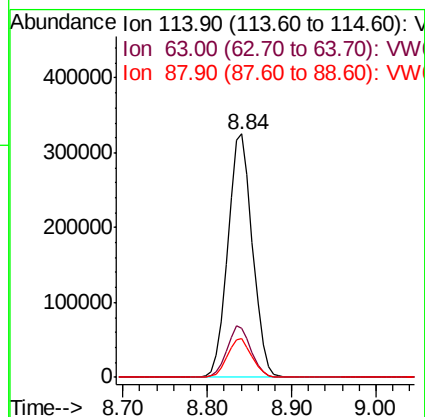
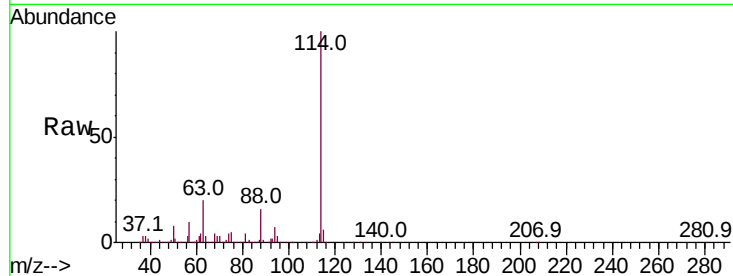




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008651.D
 Acq: 13 Feb 2019 21:58

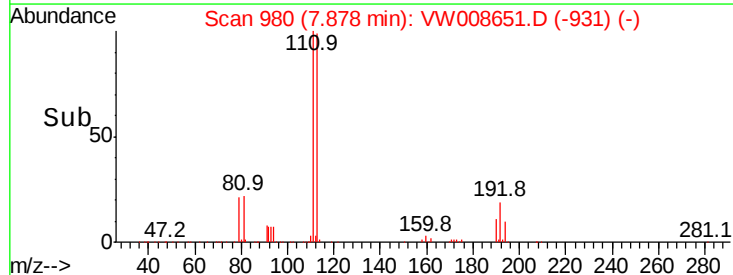
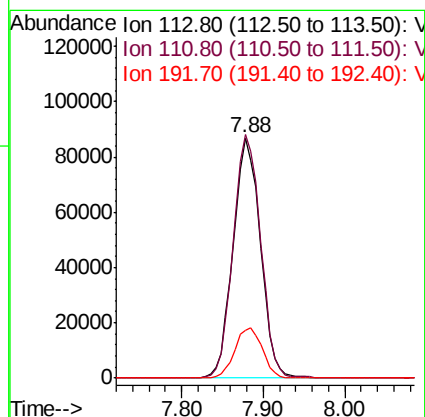
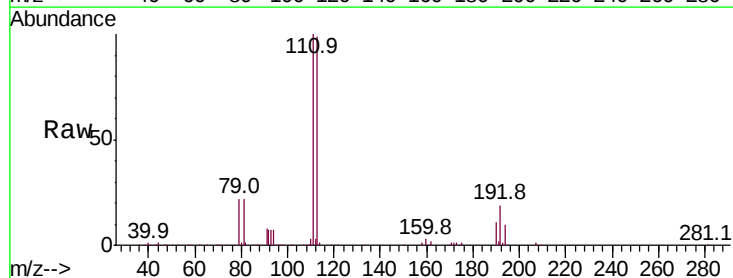
Instrument :
 MSVOA_W
 ClientSampleId :
 HD-02-021119

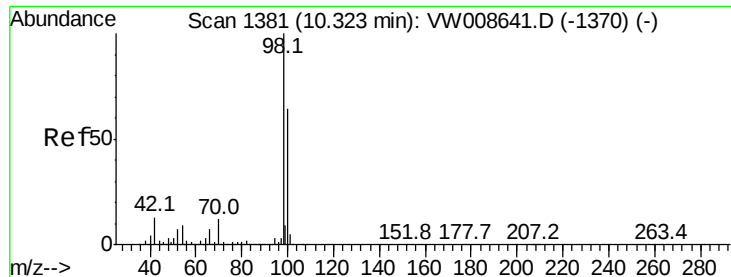
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.2
88	15.8	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 49.849 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008651.D
 Acq: 13 Feb 2019 21:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	84.0	126.0
192	21.1	17.4	26.2





#50

Toluene-d8

Concen: 49.374 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008651.D

Acq: 13 Feb 2019 21:58

Instrument :

MSVOA_W

ClientSampleId :

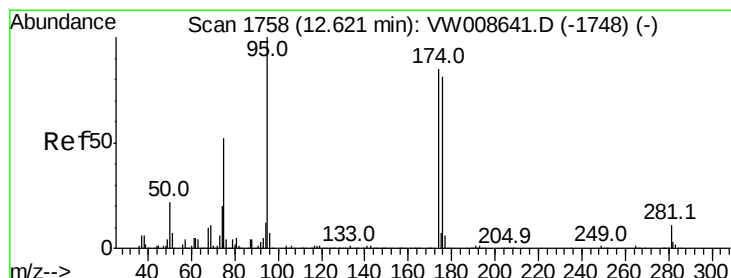
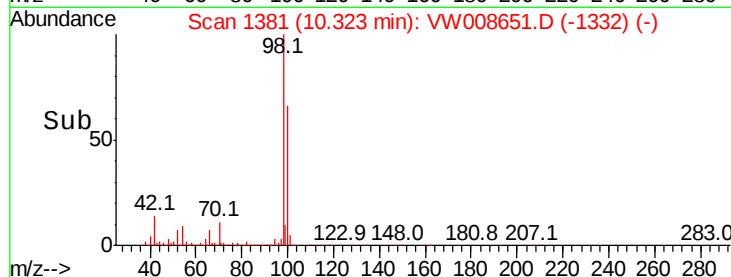
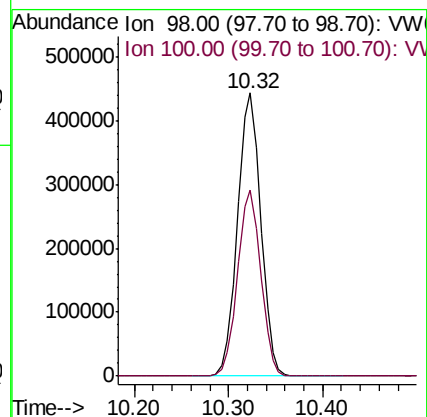
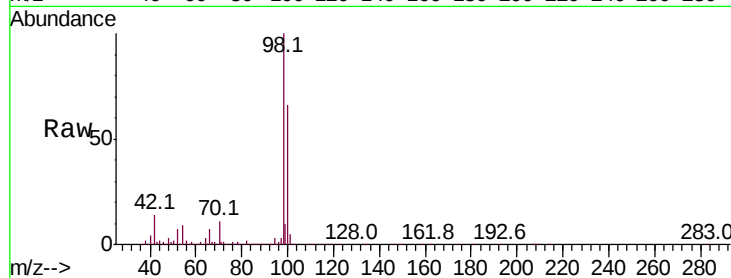
HD-02-021119

Tot Ion: 98 Resp: 762901

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 44.305 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008651.D

Acq: 13 Feb 2019 21:58

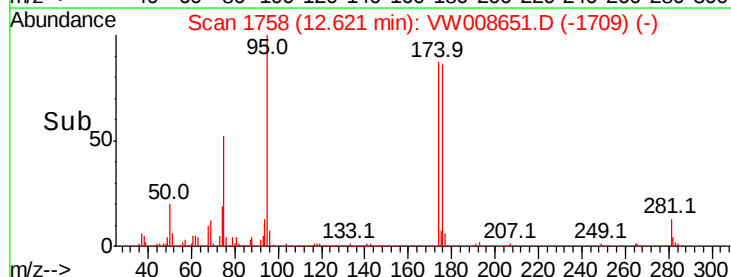
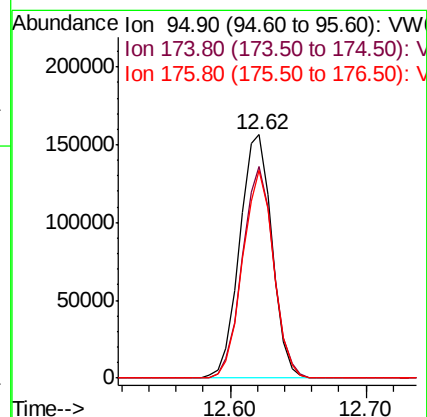
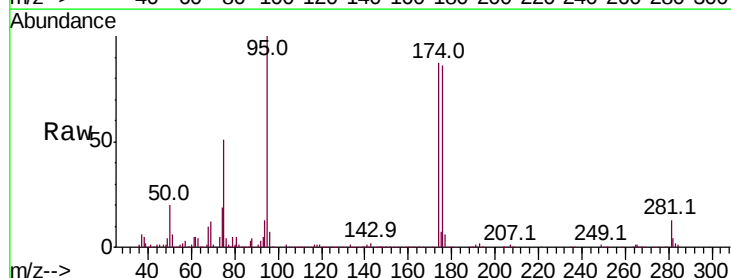
Tgt Ion: 95 Resp: 257859

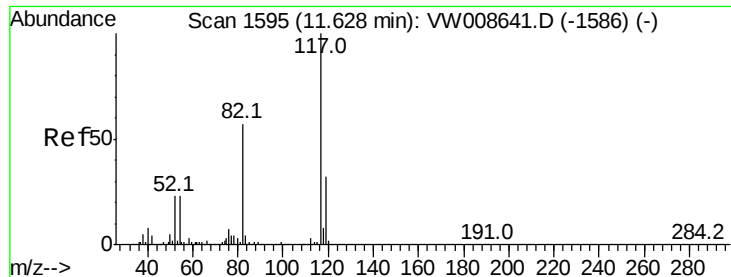
Ion Ratio Lower Upper

95 100

174 84.7 0.0 163.2

176 82.4 0.0 158.0

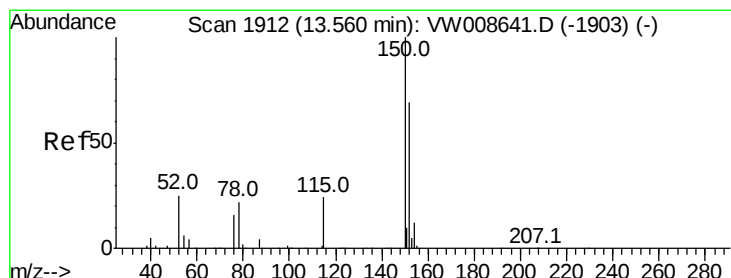
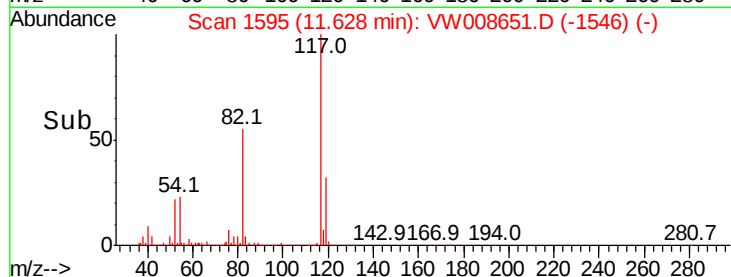
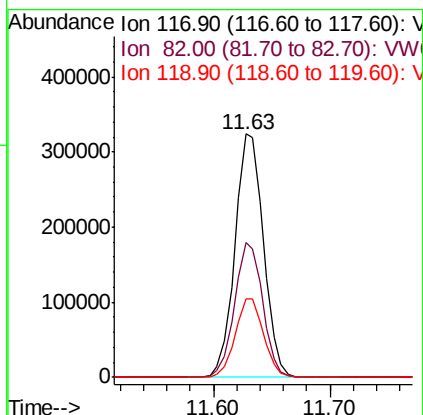
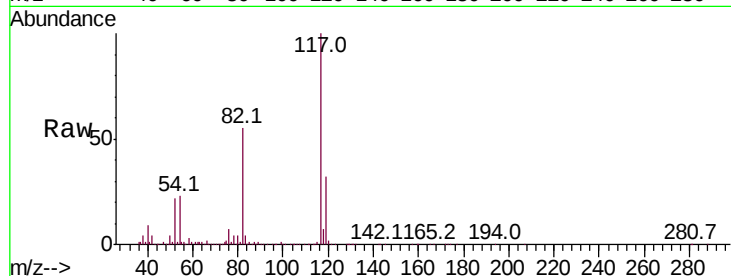




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW008651.D
Acq: 13 Feb 2019 21:58

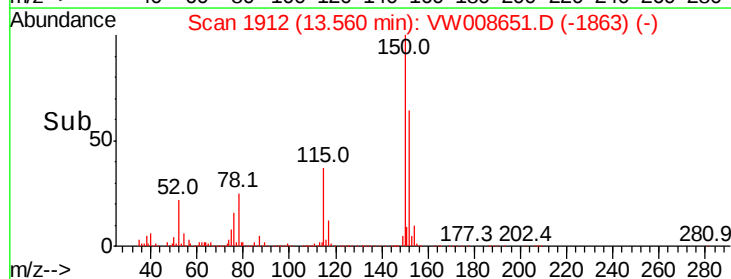
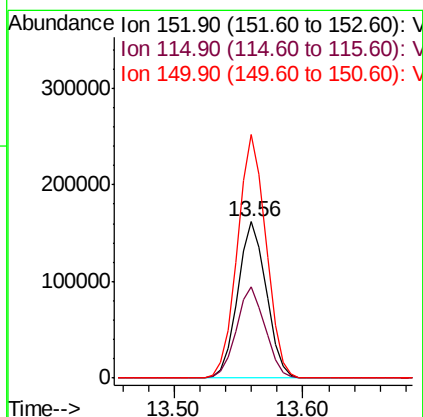
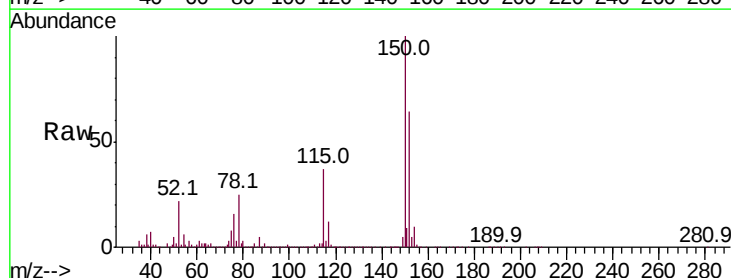
Instrument :
MSVOA_W
ClientSampleId :
HD-02-021119

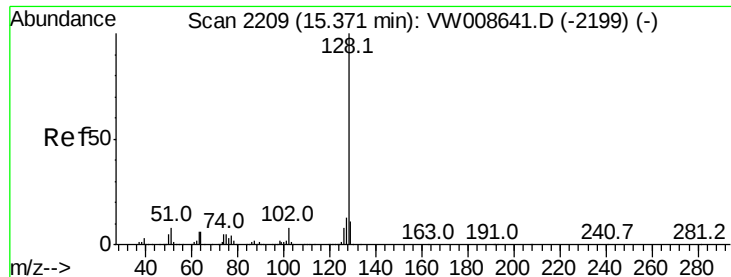
Tot Ion:117 Resp: 552612
Ion Ratio Lower Upper
117 100
82 55.3 45.6 68.4
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008651.D
Acq: 13 Feb 2019 21:58

Tgt Ion:152 Resp: 248442
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 156.5 0.0 352.8





#95

Naphthalene

Concen: 2.120 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW008651.D

Acq: 13 Feb 2019 21:58

Instrument :

MSVOA_W

ClientSampleId :

HD-02-021119

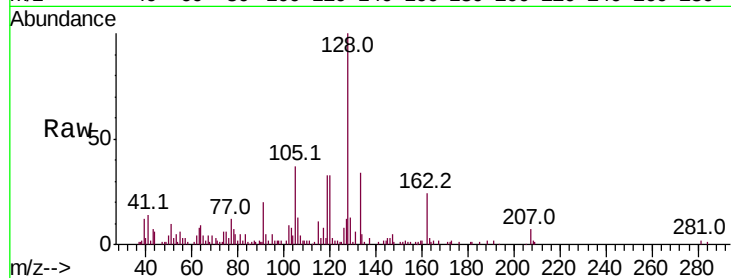
Tot Ion:128 Resp: 20658

Ion Ratio Lower Upper

128 100

127 10.9 10.9 16.3#

129 6.8 8.7 13.1#



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

