

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022619\
 Data File : VW008839.D
 Acq On : 26 Feb 2019 19:04
 Operator : SY/VA
 Sample : K1594-29
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-4(4-5)

Quant Time: Feb 27 07:09:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

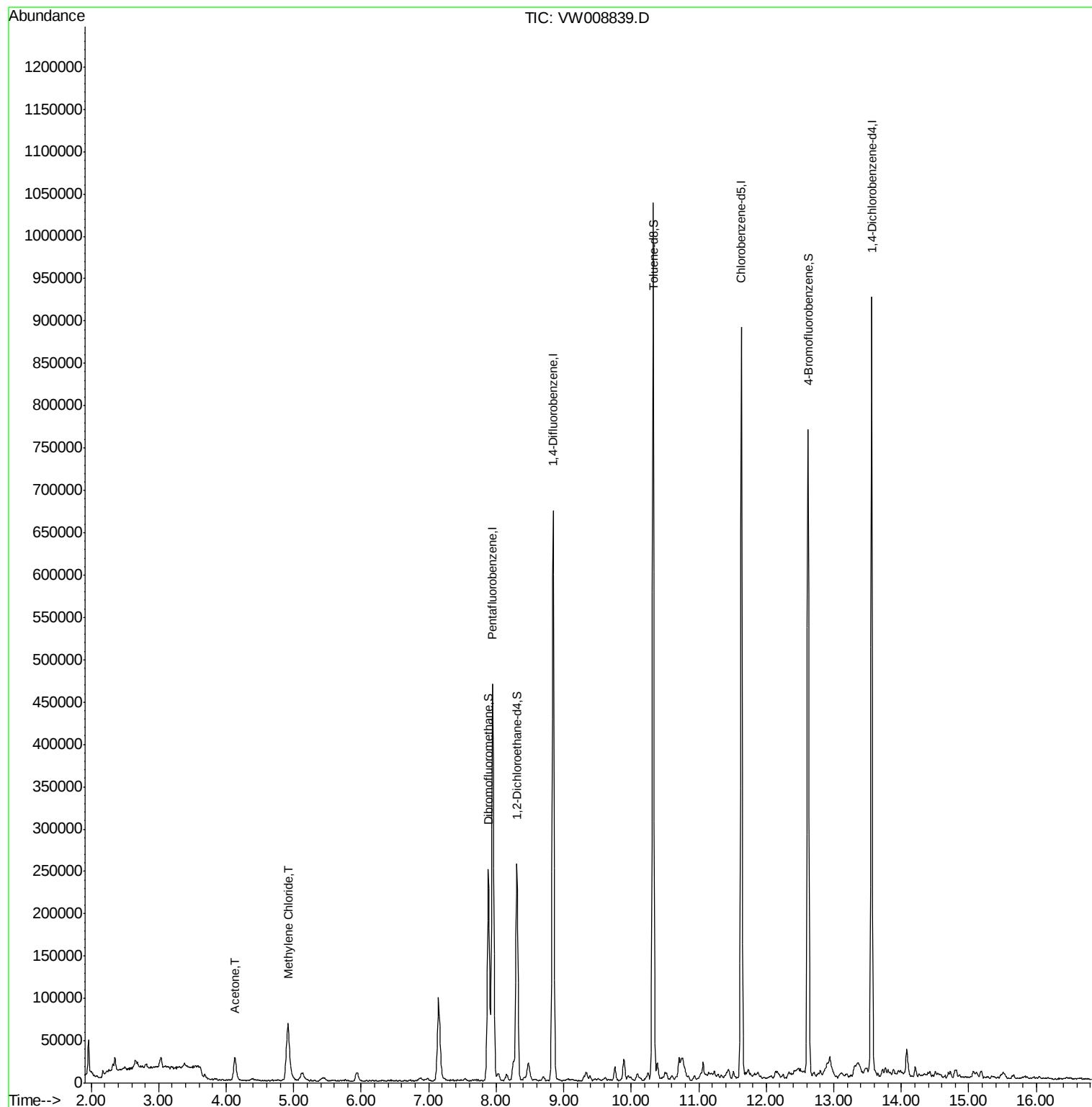
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	358065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	547950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	486046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	231219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	188062	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	
35) Dibromofluoromethane	7.88	113	165462	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.32	98	650692	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.62	95	221977	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
Target Compounds						
16) Acetone	4.13	43	49239	63.254	ug/l	93
20) Methylene Chloride	4.92	84	48596	8.424	ug/l	97

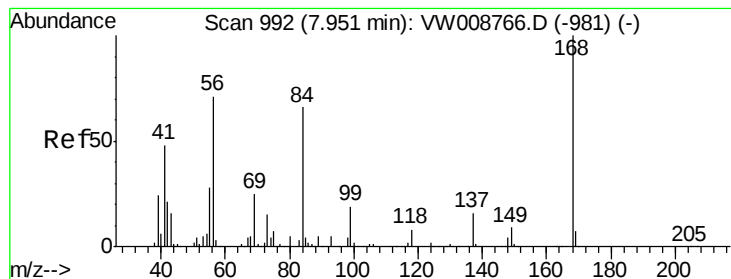
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008839.D

Acq: 26 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

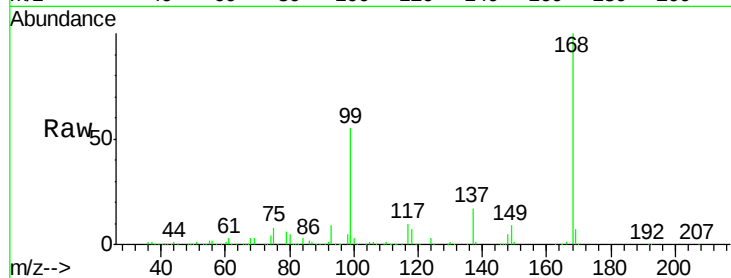
B-4(4-5)

Tot Ion:168 Resp: 358065

Ion Ratio Lower Upper

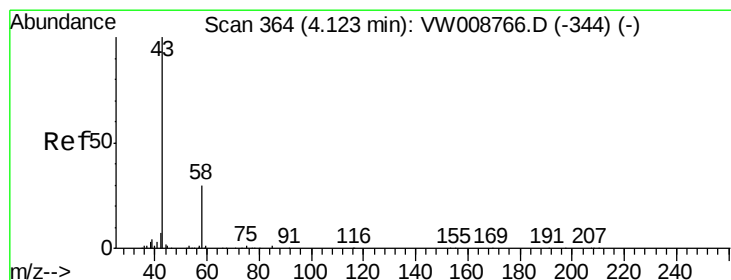
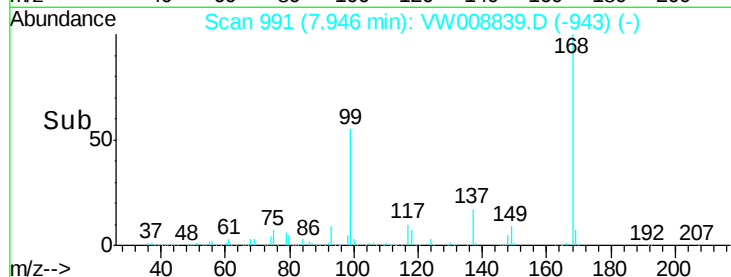
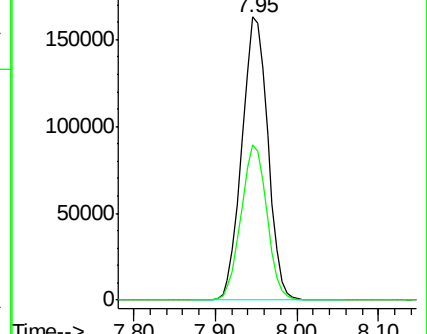
168 100

99 54.8 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 63.254 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008839.D

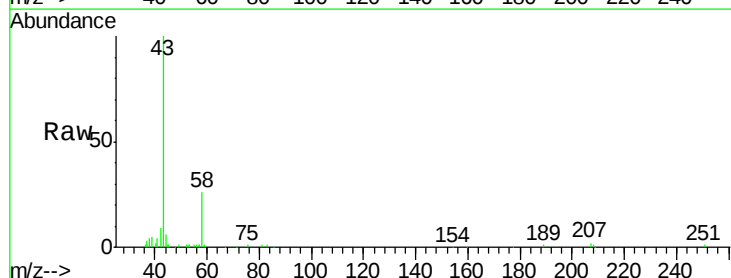
Acq: 26 Feb 2019 19:04

Tgt Ion: 43 Resp: 49239

Ion Ratio Lower Upper

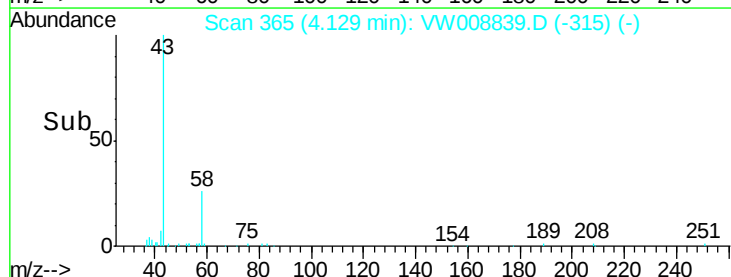
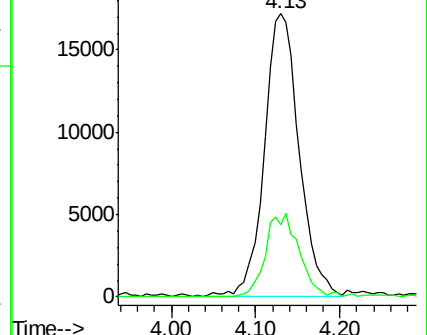
43 100

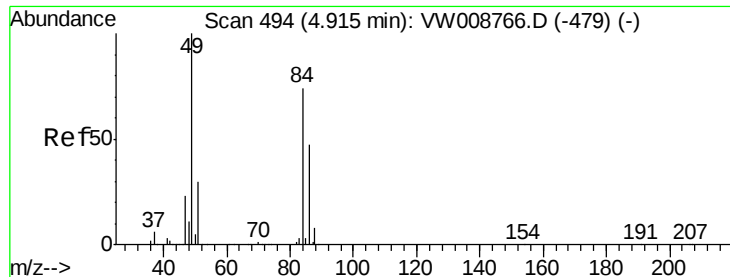
58 25.7 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

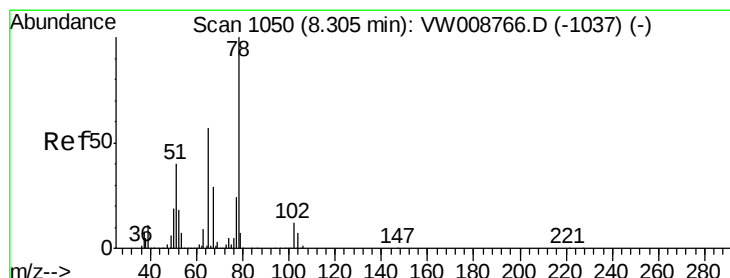
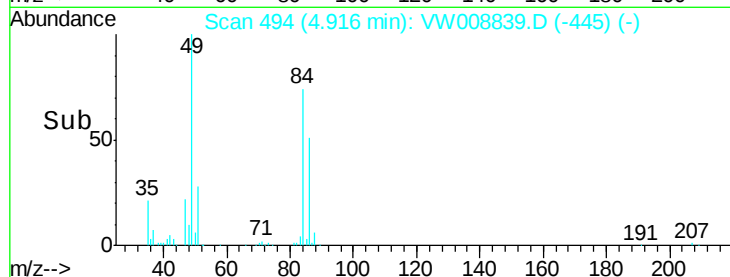
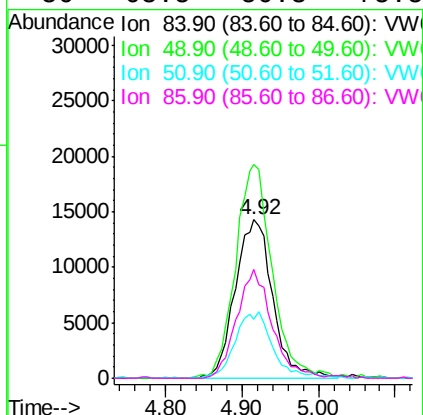
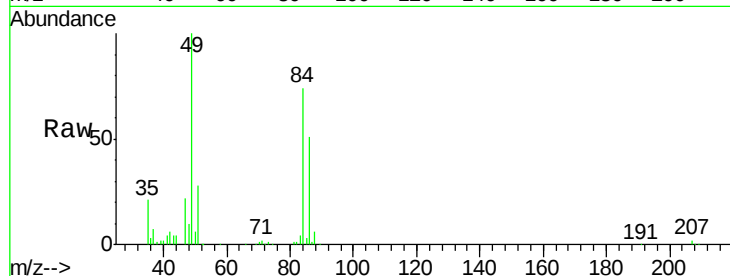




#20
Methvlene Chloride
Concen: 8.424 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008839.D
Acq: 26 Feb 2019 19:04

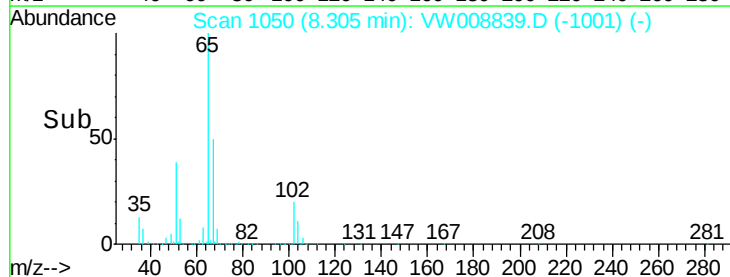
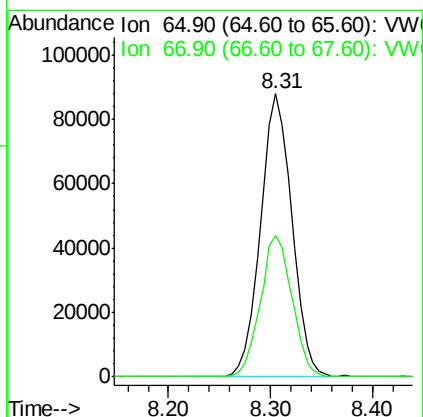
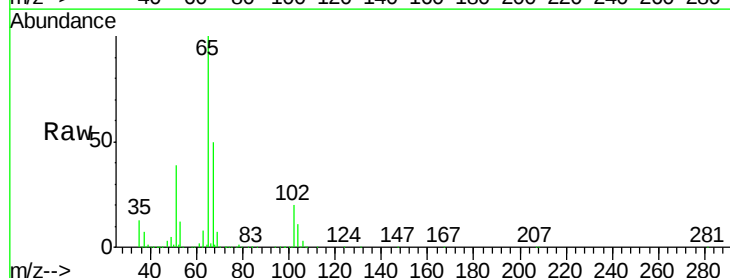
Instrument :
MSVOA_W
ClientSampleId :
B-4(4-5)

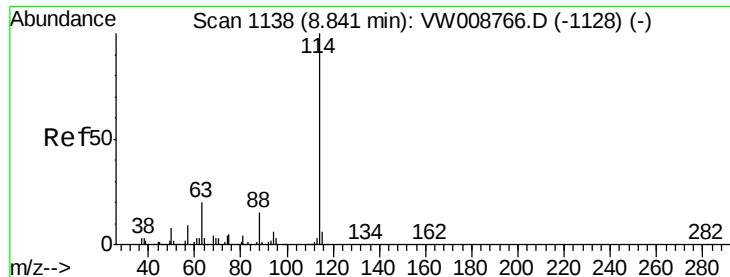
Tot Ion	Ratio	Lower	Upper
84	100		
49	134.8	108.2	162.2
51	37.1	32.7	49.1
86	68.5	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 55.999 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008839.D
Acq: 26 Feb 2019 19:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.4

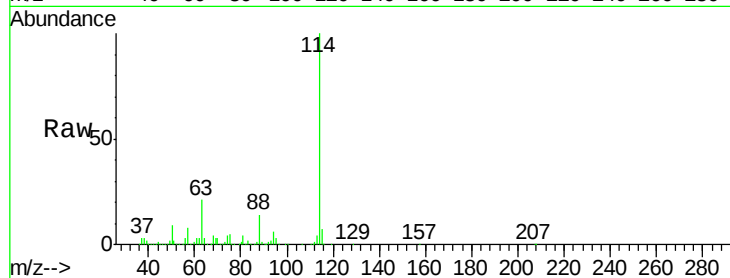




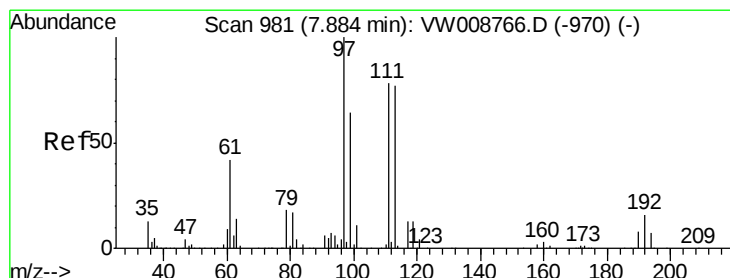
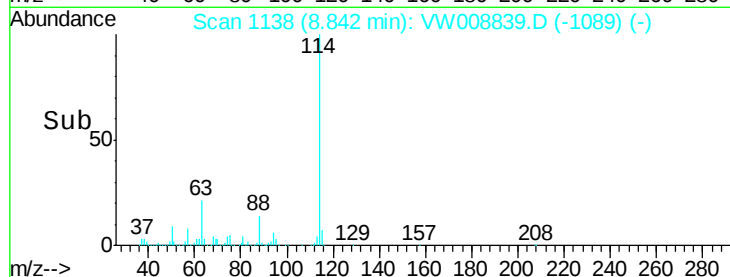
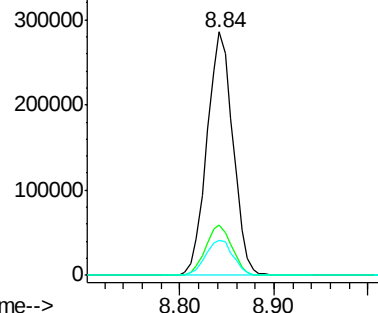
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008839.D
Acq: 26 Feb 2019 19:04

Instrument :
MSVOA_W
ClientSampleId :
B-4(4-5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	14.2	0.0	30.4

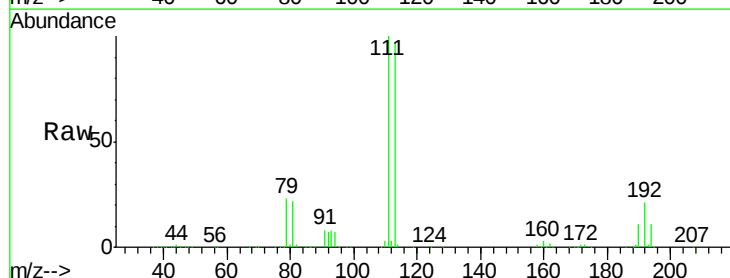


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

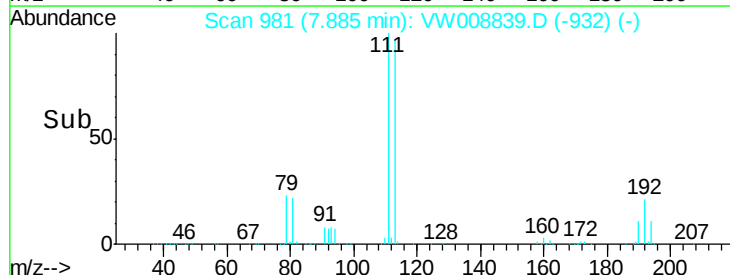
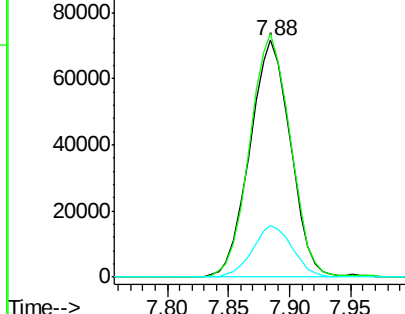


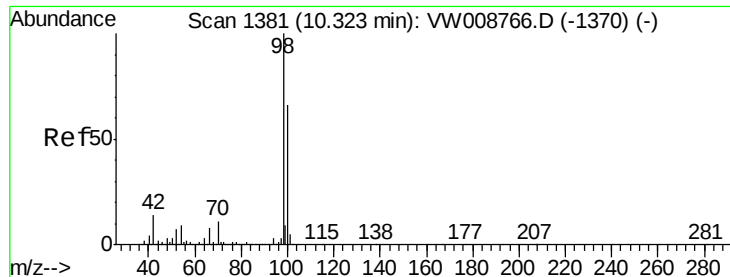
#35
Dibromofluoromethane
Concen: 50.293 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008839.D
Acq: 26 Feb 2019 19:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	21.6	17.1	25.7



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: 51.235 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008839.D

Acq: 26 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

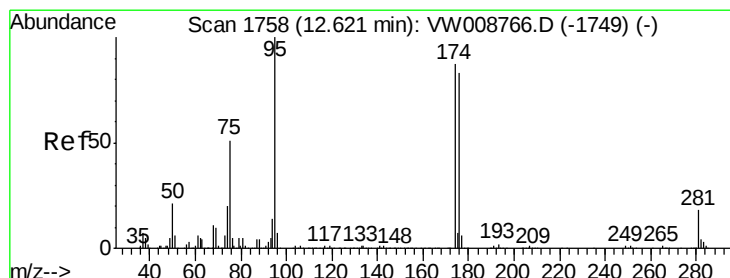
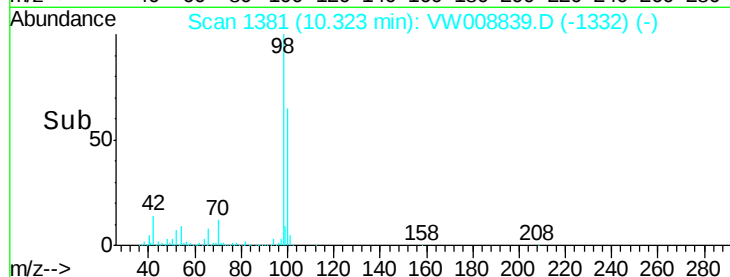
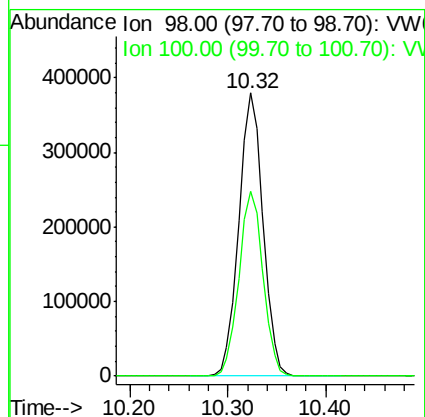
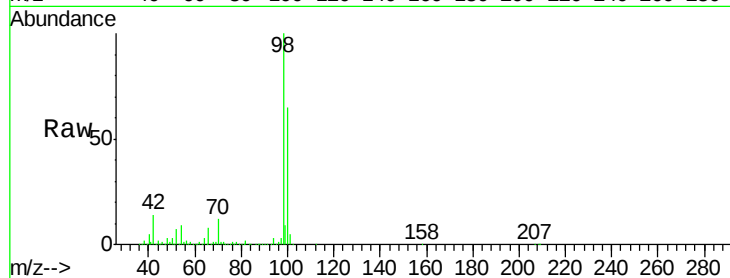
B-4(4-5)

Tot Ion: 98 Resp: 650692

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.639 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008839.D

Acq: 26 Feb 2019 19:04

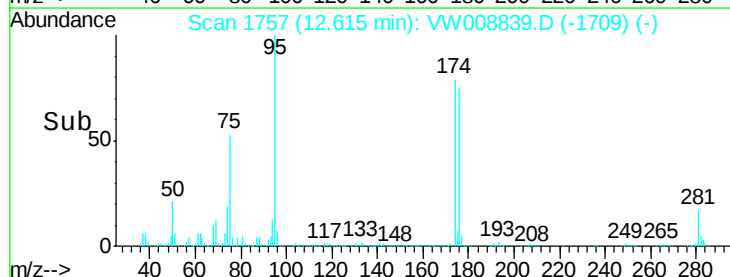
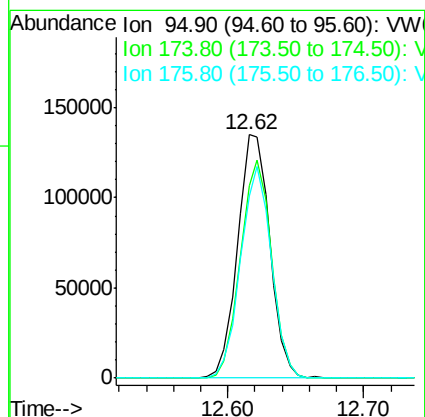
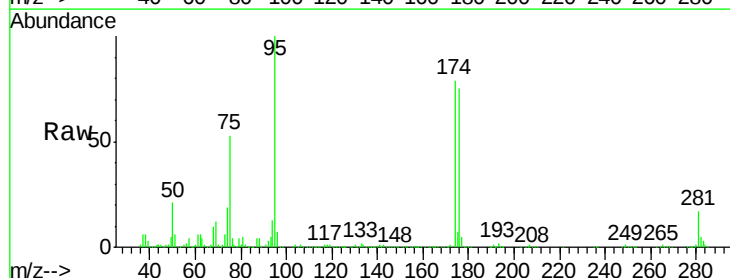
Tgt Ion: 95 Resp: 221977

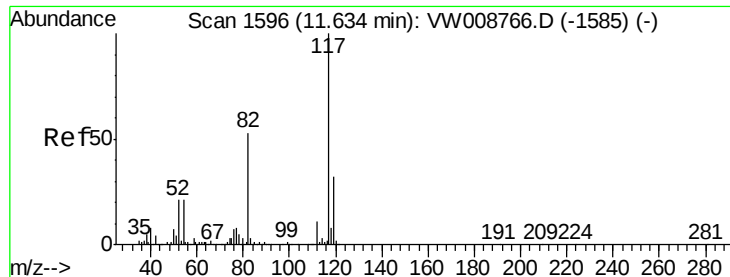
Ion Ratio Lower Upper

95 100

174 87.1 0.0 169.2

176 83.9 0.0 163.6

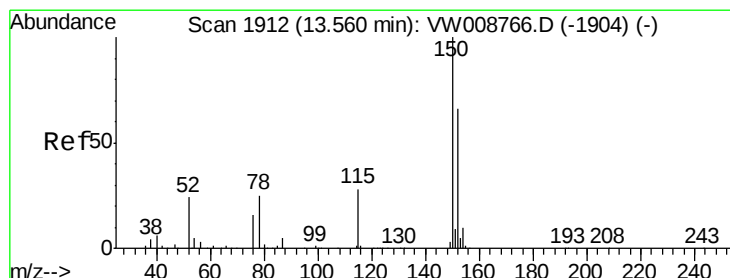
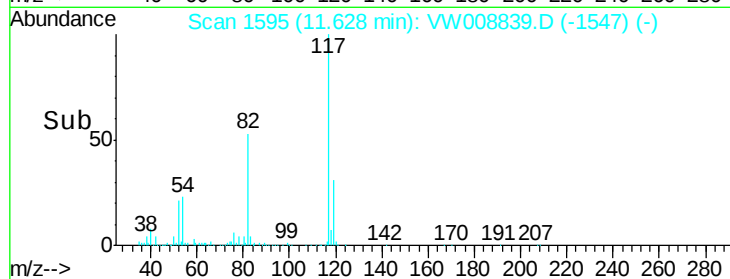
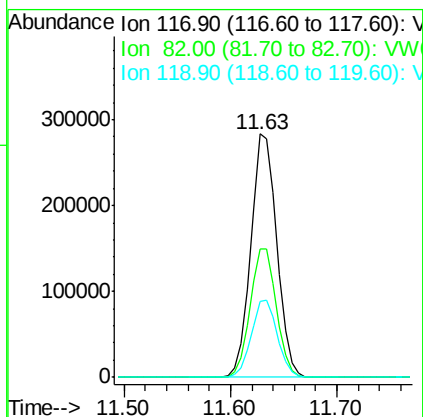
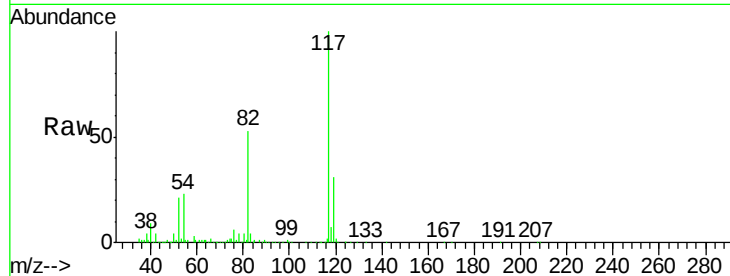




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008839.D
Acq: 26 Feb 2019 19:04

Instrument :
MSVOA_W
ClientSampleId :
B-4(4-5)

Tot Ion:117 Resp: 486046
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008839.D
Acq: 26 Feb 2019 19:04

Tgt Ion:152 Resp: 231219
Ion Ratio Lower Upper
152 100
115 58.1 28.6 85.8
150 155.8 0.0 348.0

