

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008416.D
 Acq On : 25 Jan 2019 17:27
 Operator : SY/VA
 Sample : K1238-41
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S5

Quant Time: Jan 28 03:45:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

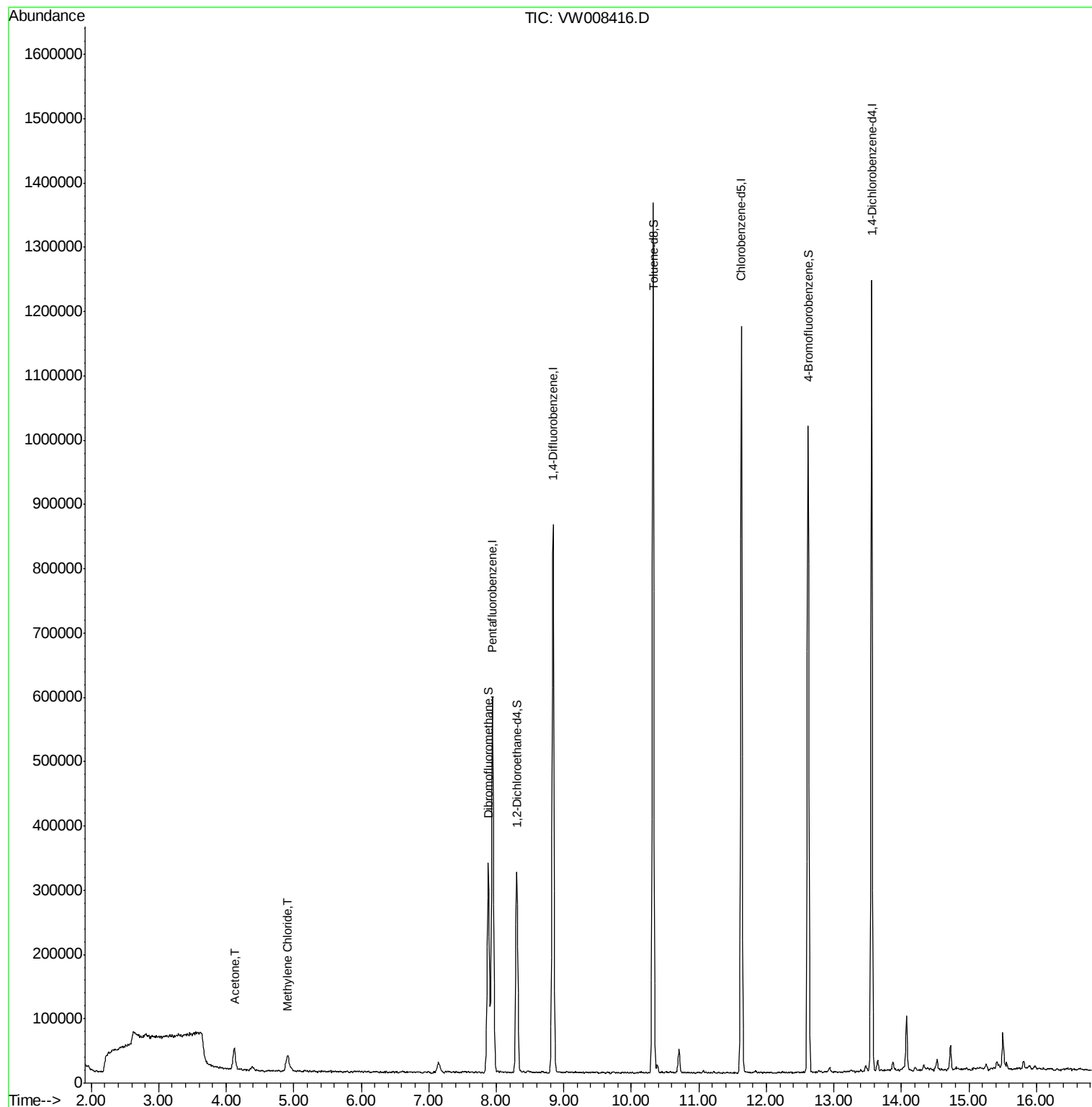
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	459525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	728595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	656973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	320931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	235097	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
35) Dibromofluoromethane	7.88	113	227805	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
50) Toluene-d8	10.32	98	873180	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.62	95	321673	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
Target Compounds						
16) Acetone	4.12	43	60054	59.238	ug/l	98
20) Methylene Chloride	4.92	84	21519	4.605	ug/l	84

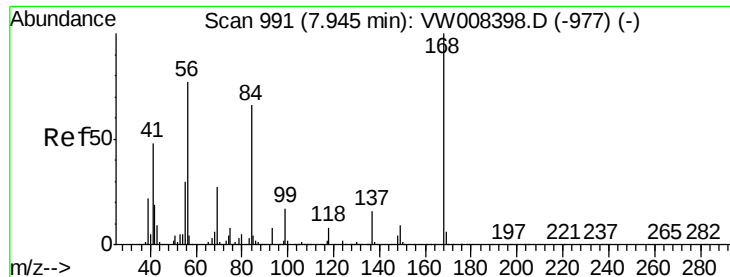
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008416.D

Acq: 25 Jan 2019 17:27

Instrument :

MSVOA_W

ClientSampled :

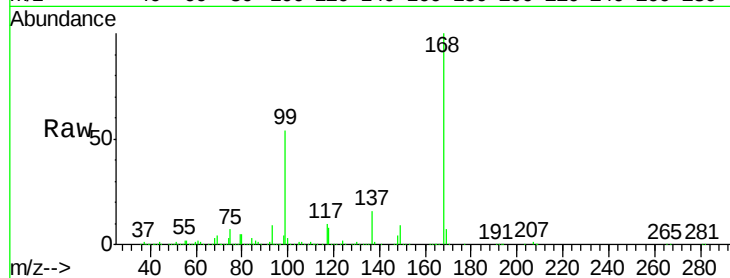
S5

Tot Ion:168 Resp: 459525

Ion Ratio Lower Upper

168 100

99 53.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

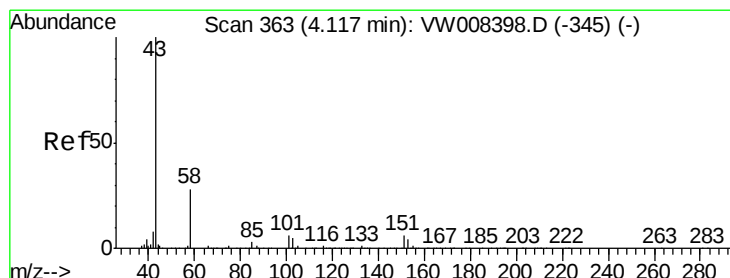
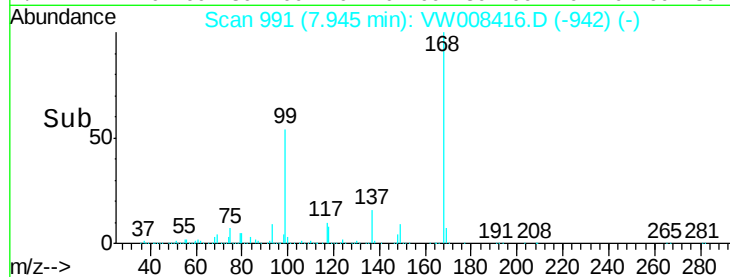
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 59.238 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008416.D

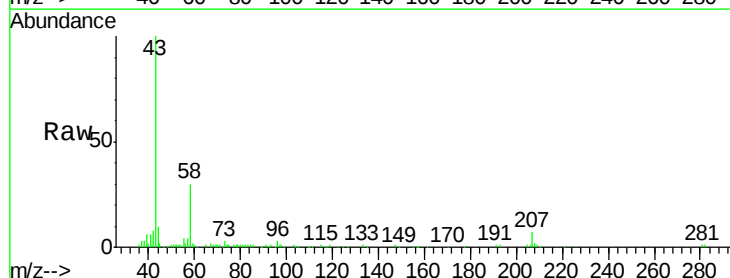
Acq: 25 Jan 2019 17:27

Tgt Ion: 43 Resp: 60054

Ion Ratio Lower Upper

43 100

58 29.6 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

25000

20000

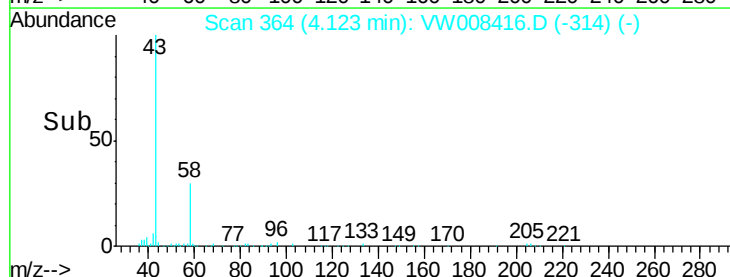
15000

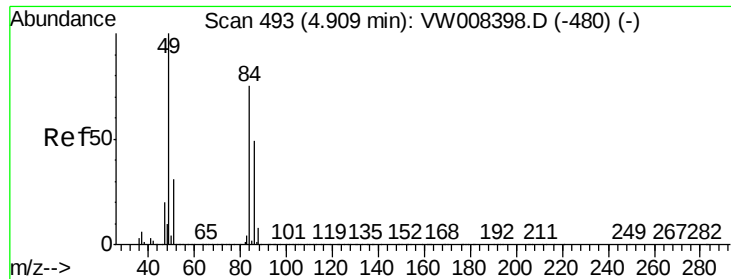
10000

5000

0

Time-->

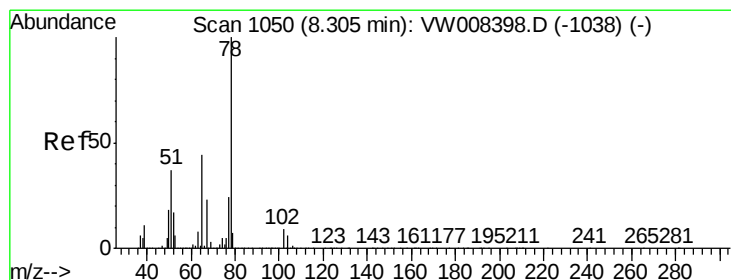
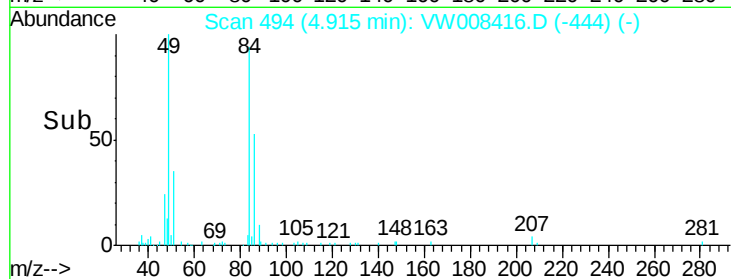
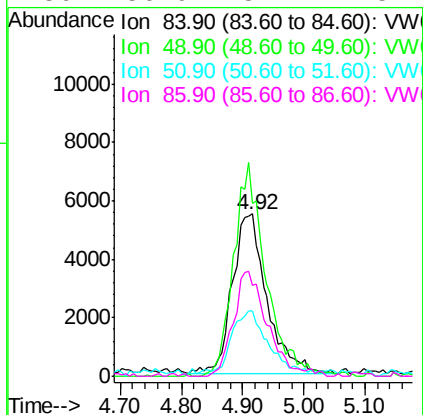
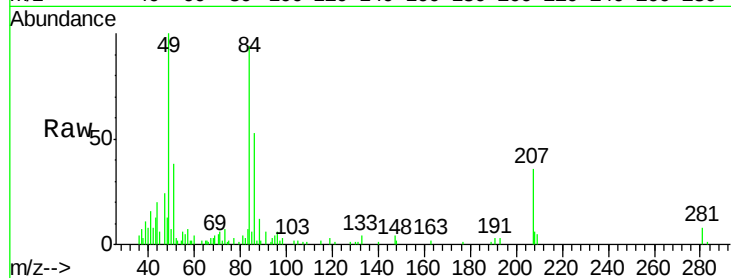




#20
Methylene Chloride
Concen: 4.605 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008416.D
Acq: 25 Jan 2019 17:27

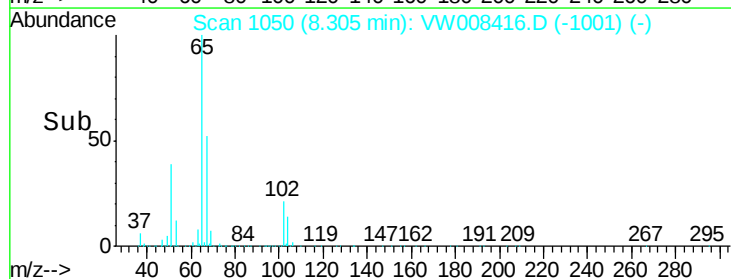
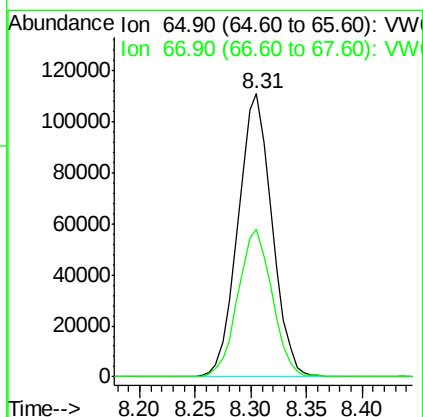
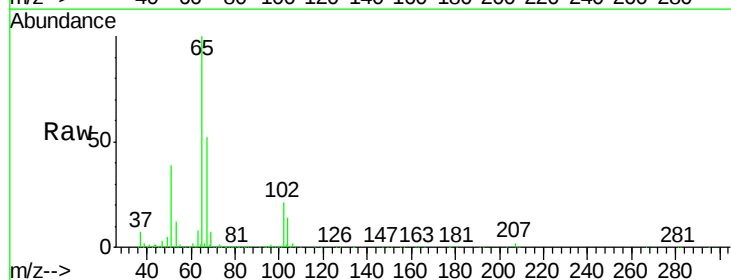
Instrument :
MSVOA_W
ClientSampled :
S5

Tot Ion: 84 Resp: 21519
Ion Ratio Lower Upper
84 100
49 107.0 106.8 160.2
51 39.2 32.9 49.3
86 56.9 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 52.077 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008416.D
Acq: 25 Jan 2019 17:27

Tgt Ion: 65 Resp: 235097
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0

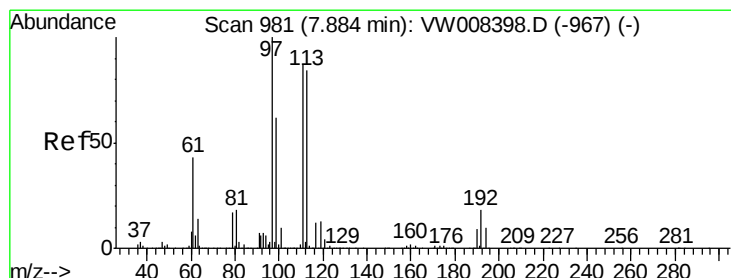
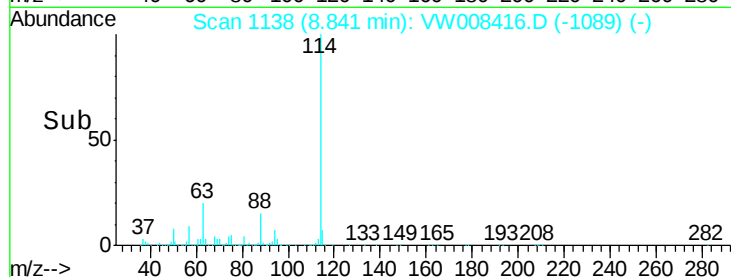
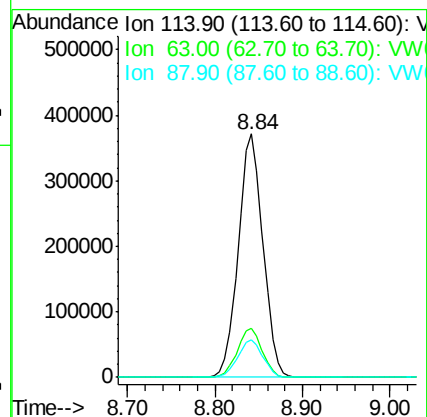
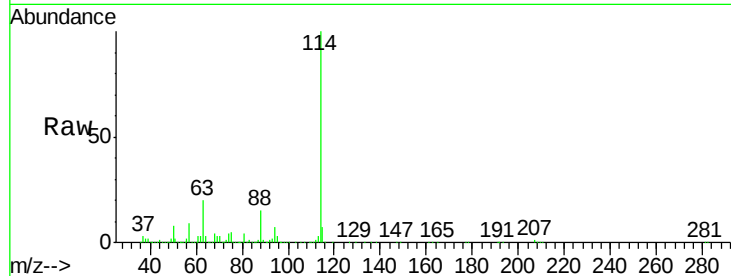




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008416.D
Acq: 25 Jan 2019 17:27

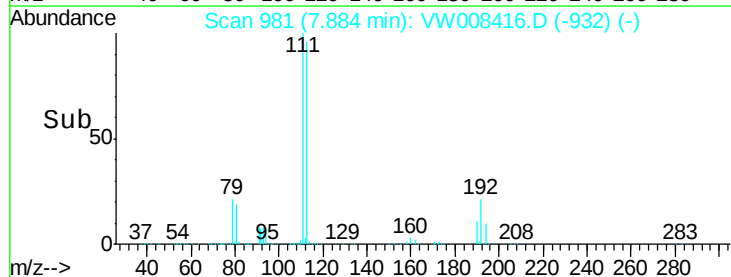
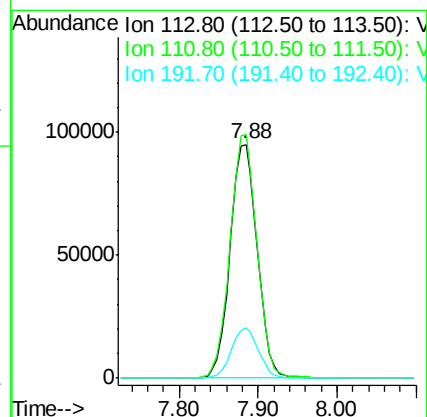
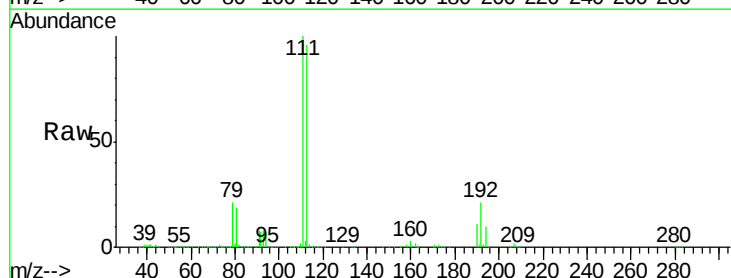
Instrument :
MSVOA_W
ClientSampleId :
S5

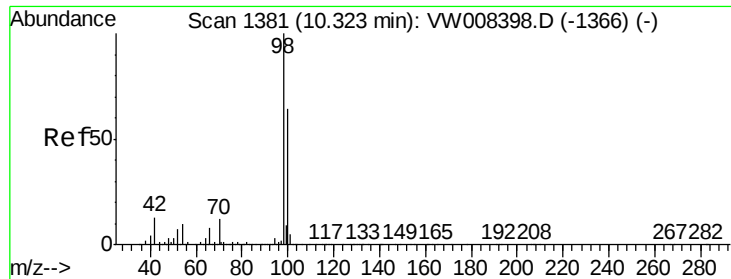
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.6
88	15.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.471 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008416.D
Acq: 25 Jan 2019 17:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.0	121.4
192	21.4	16.8	25.2





#50

Toluene-d8

Concen: 51.111 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008416.D

Acq: 25 Jan 2019 17:27

Instrument :

MSVOA_W

ClientSampled :

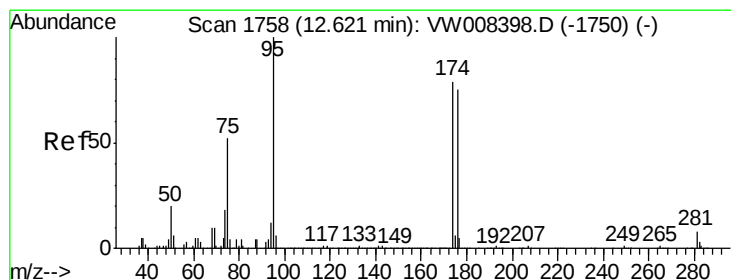
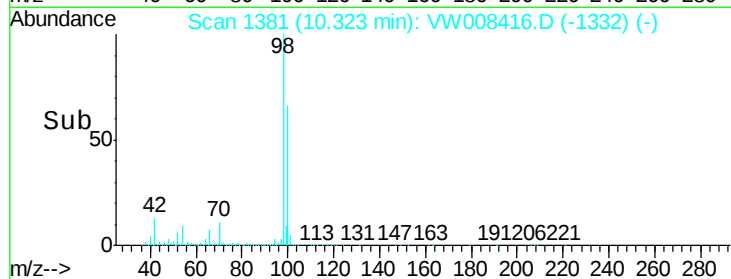
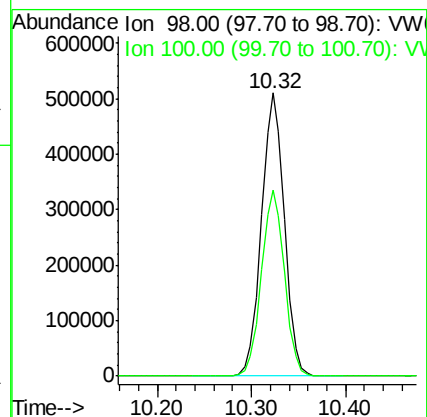
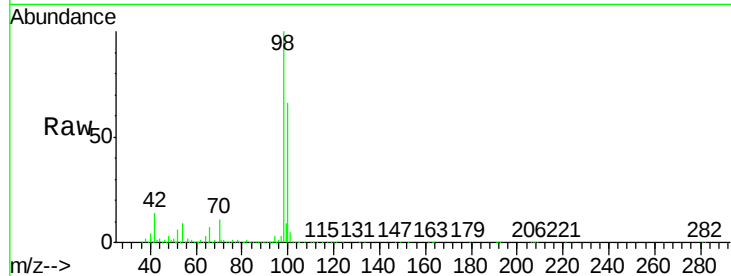
S5

Tot Ion: 98 Resp: 873180

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.984 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008416.D

Acq: 25 Jan 2019 17:27

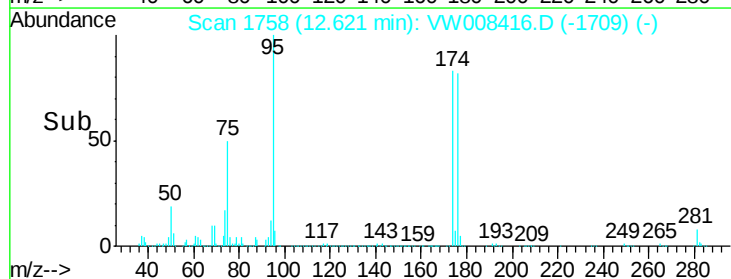
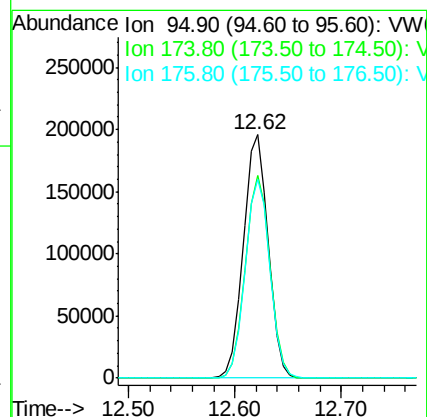
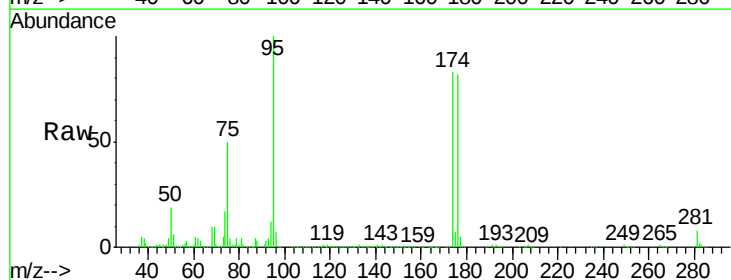
Tgt Ion: 95 Resp: 321673

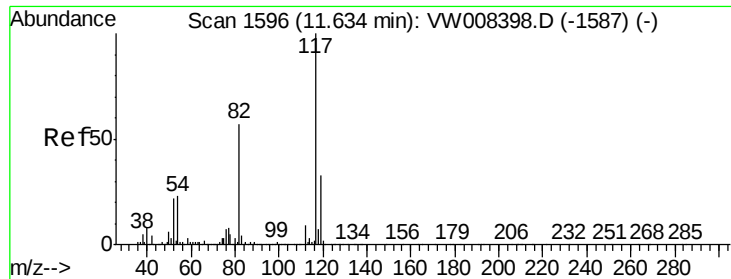
Ion Ratio Lower Upper

95 100

174 82.2 0.0 157.6

176 81.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008416.D

Acq: 25 Jan 2019 17:27

Instrument :

MSVOA_W

ClientSampled :

S5

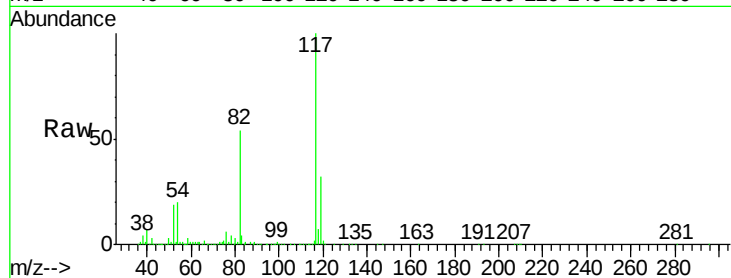
Tot Ion:117 Resp: 656973

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

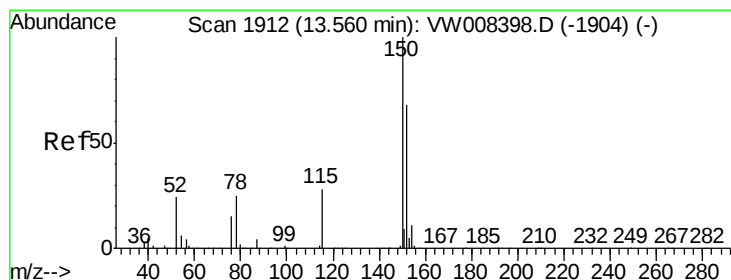
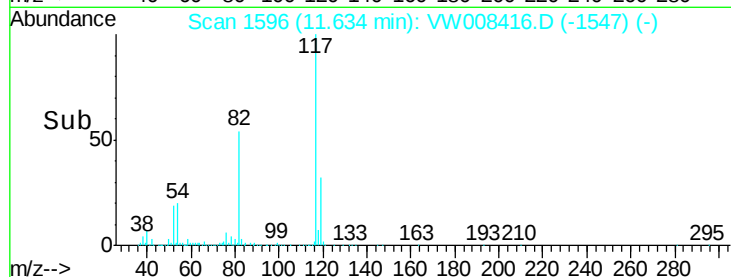
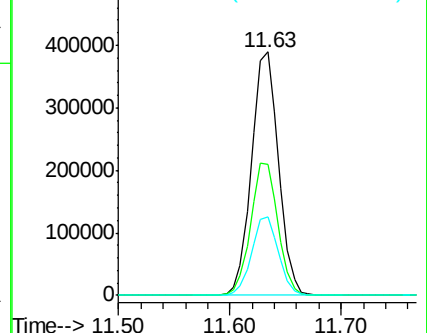
119 32.0 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008416.D

Acq: 25 Jan 2019 17:27

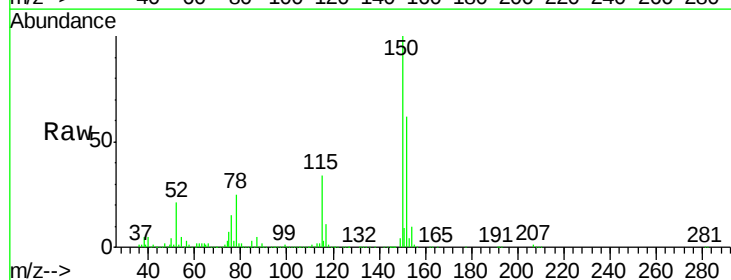
Tgt Ion:152 Resp: 320931

Ion Ratio Lower Upper

152 100

115 57.9 29.9 89.7

150 156.8 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

