

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008421.D
 Acq On : 25 Jan 2019 19:38
 Operator : SY/VA
 Sample : K1231-01
 Misc : 4.24G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200029

Quant Time: Jan 28 04:04:21 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

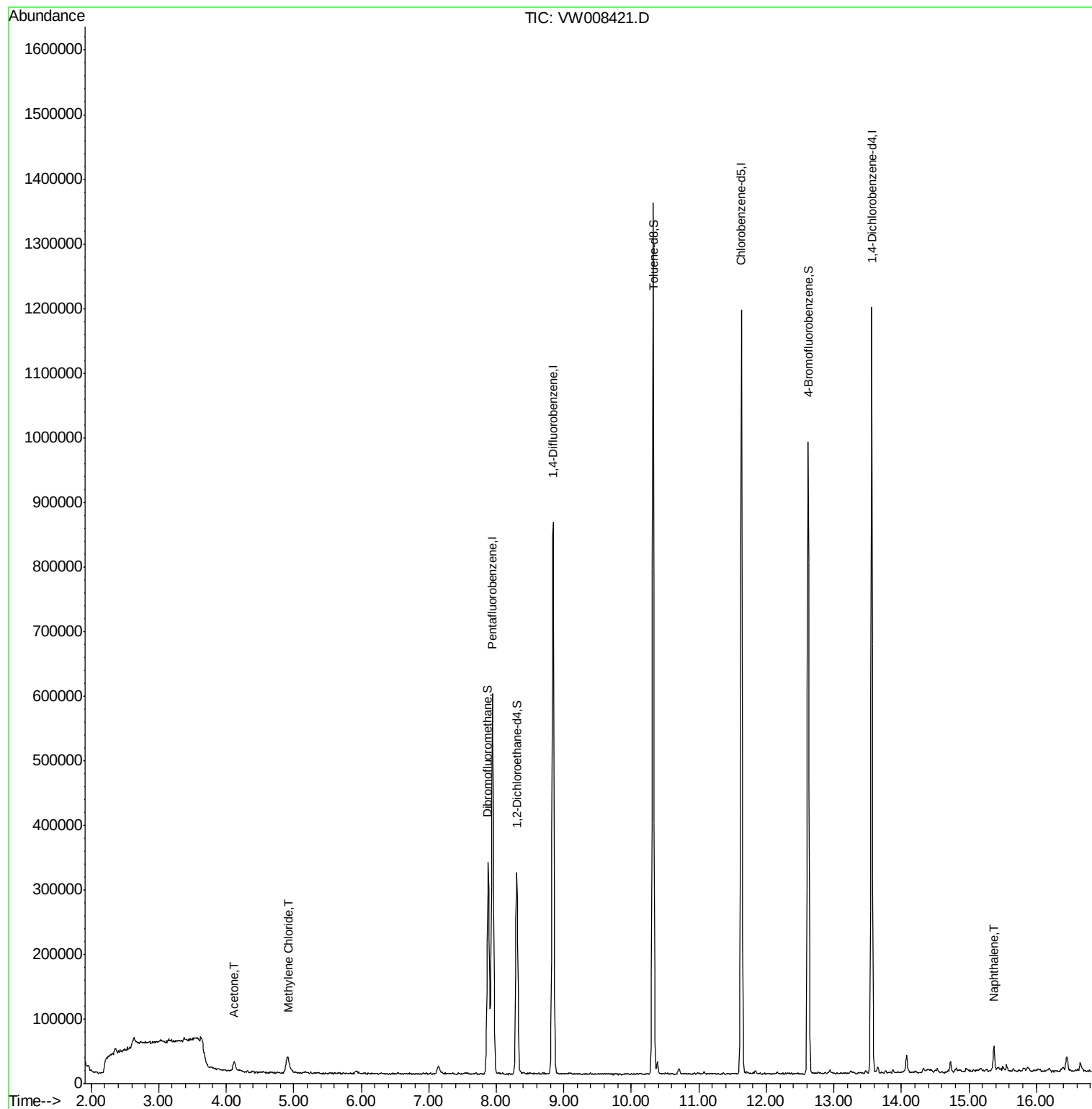
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	460325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	738970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	656695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	310481	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	238730	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
35) Dibromofluoromethane	7.88	113	231126	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	10.32	98	876090	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.62	95	313915	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
Target Compounds						
16) Acetone	4.12	43	27681	27.257	ug/l	96
20) Methylene Chloride	4.92	84	22303	4.765	ug/l	92
95) Naphthalene	15.37	128	32968	2.913	ug/l	98

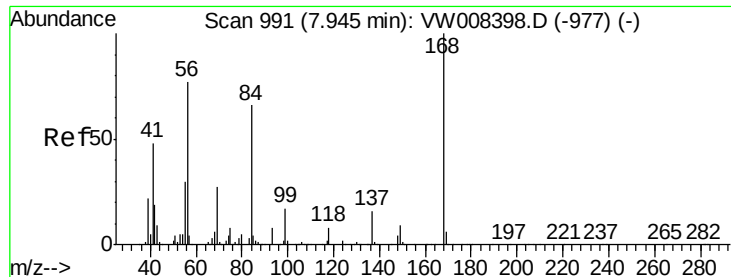
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 25 Jan 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

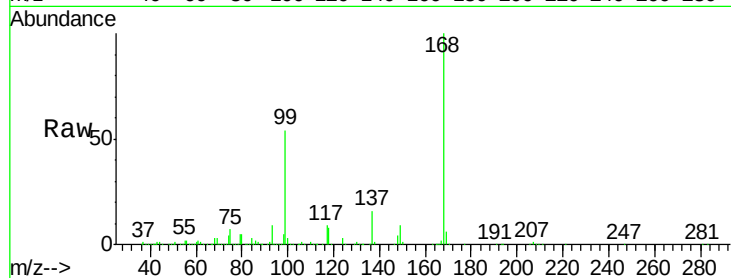
RBR-200029

Tot Ion:168 Resp: 460325

Ion Ratio Lower Upper

168 100

99 53.9 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

200000

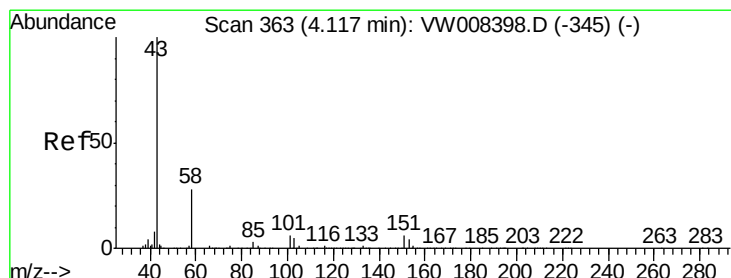
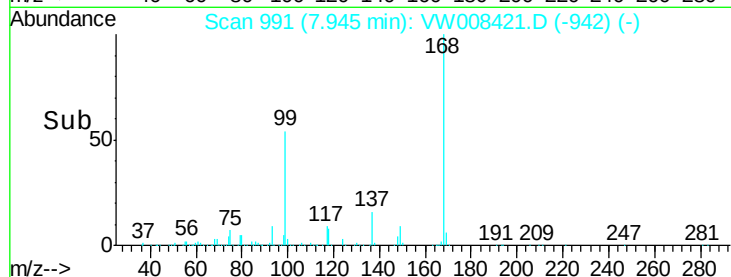
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 27.257 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008421.D

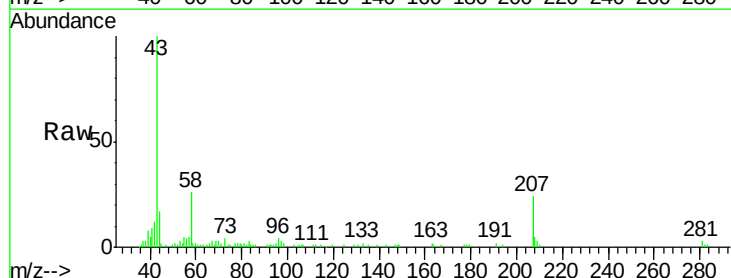
Acq: 25 Jan 2019 19:38

Tgt Ion: 43 Resp: 27681

Ion Ratio Lower Upper

43 100

58 26.3 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

12000

10000

8000

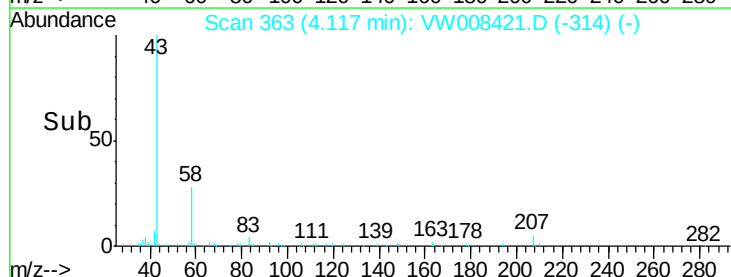
6000

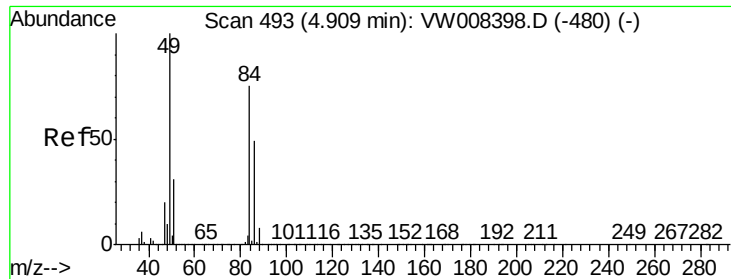
4000

2000

0

Time--> 4.05 4.10 4.15 4.20

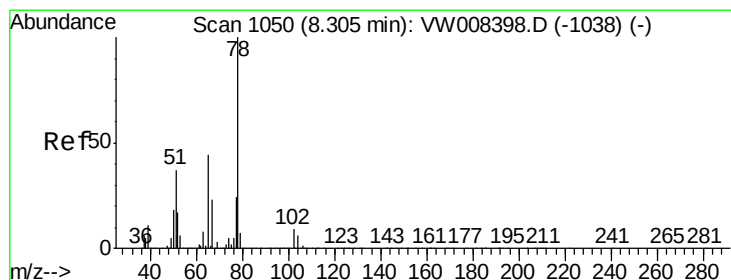
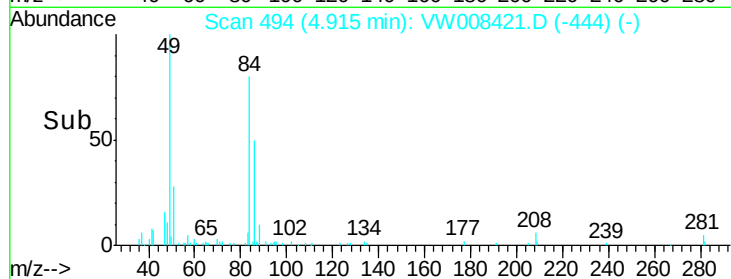
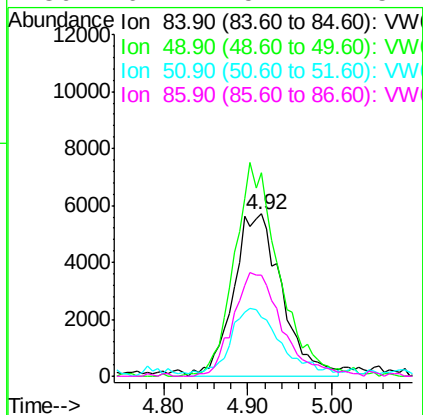
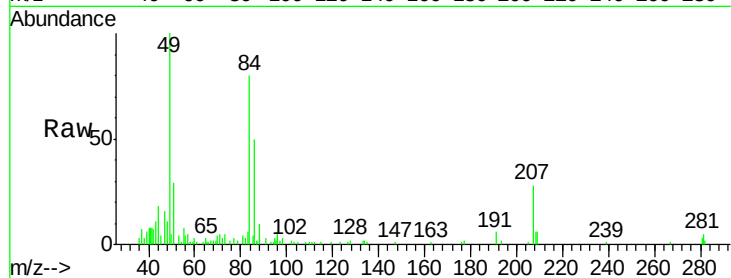




#20
Methylene Chloride
Concen: 4.765 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008421.D
Acq: 25 Jan 2019 19:38

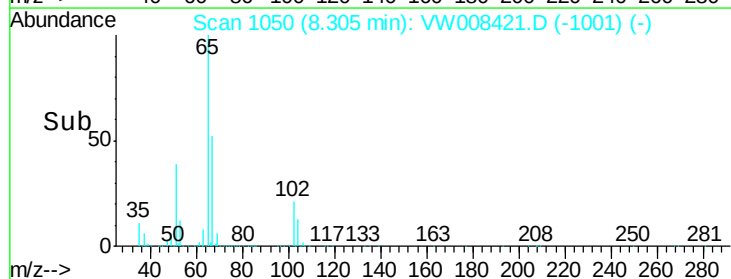
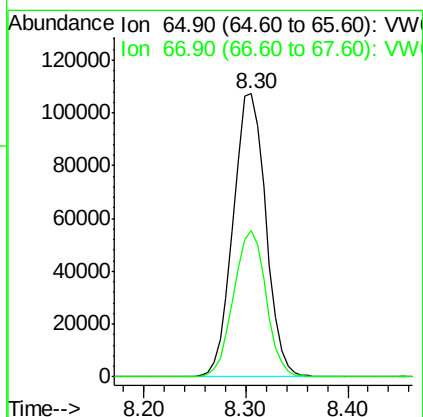
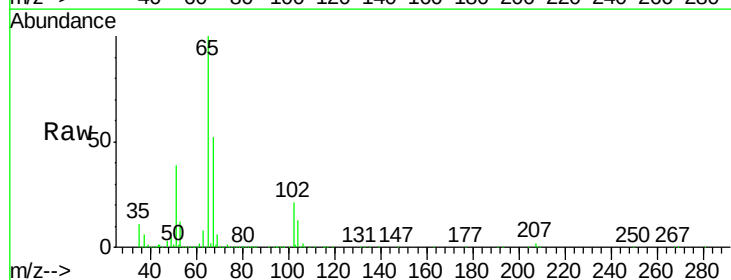
Instrument :
MSVOA_W
ClientSampled :
RBR-200029

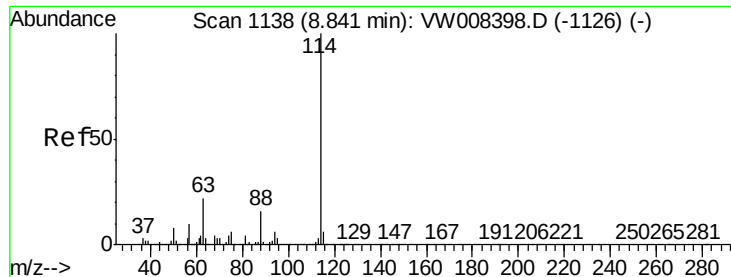
Tot Ion:	84	Resp:	22303
Ion	Ratio	Lower	Upper
84	100		
49	123.5	106.8	160.2
51	34.5	32.9	49.3
86	62.2	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 52.790 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008421.D
Acq: 25 Jan 2019 19:38

Tgt Ion:	65	Resp:	238730
Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.0

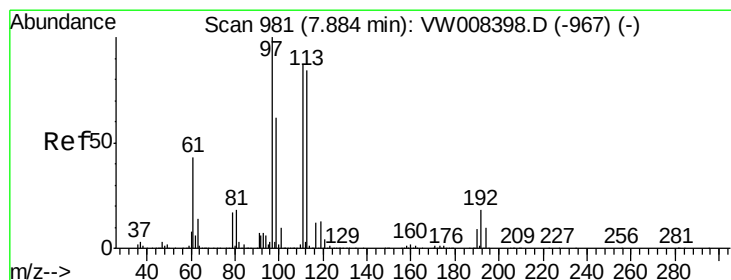
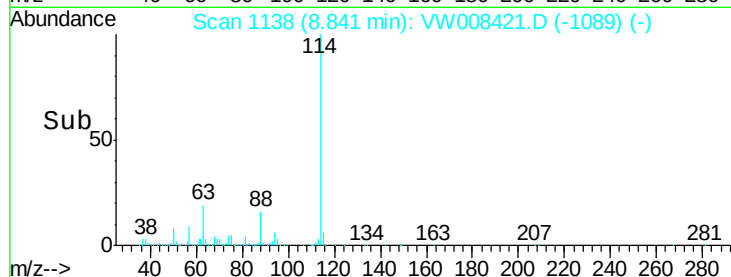
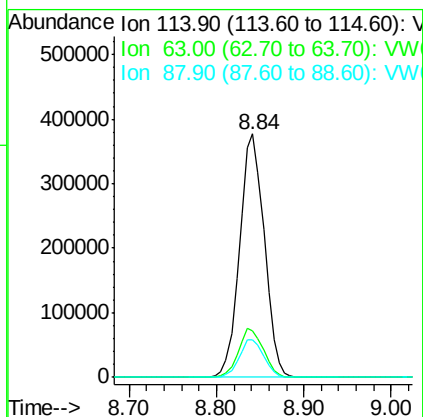
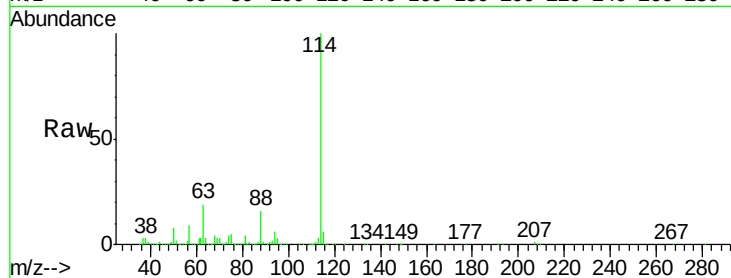




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008421.D
Acq: 25 Jan 2019 19:38

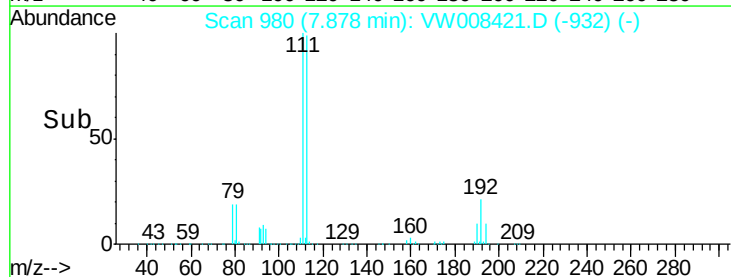
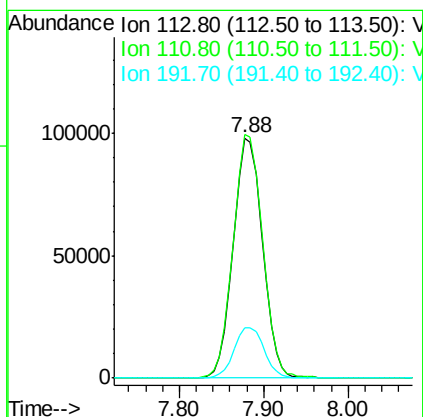
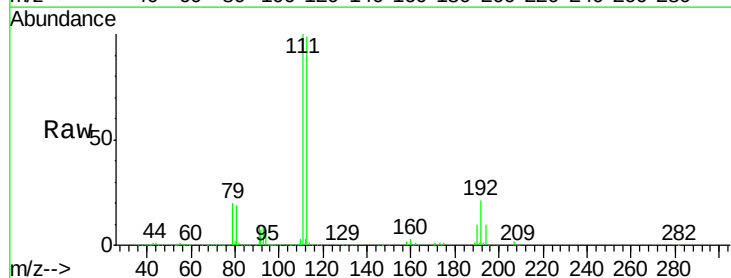
Instrument :
MSVOA_W
ClientSampleId :
RBR-200029

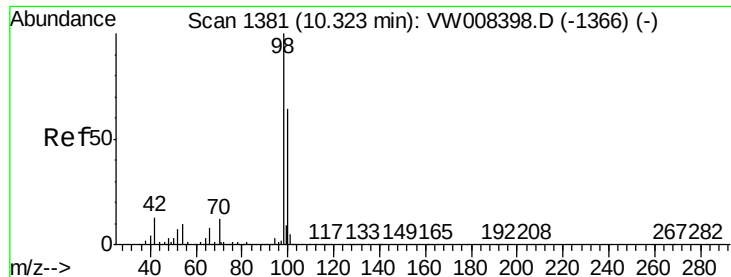
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	43.6
88	15.6	0.0	31.8



#35
Dibromofluoromethane
Concen: 53.489 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008421.D
Acq: 25 Jan 2019 19:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.4
192	21.4	16.8	25.2

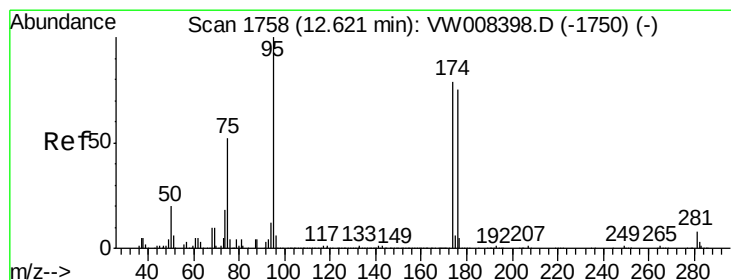
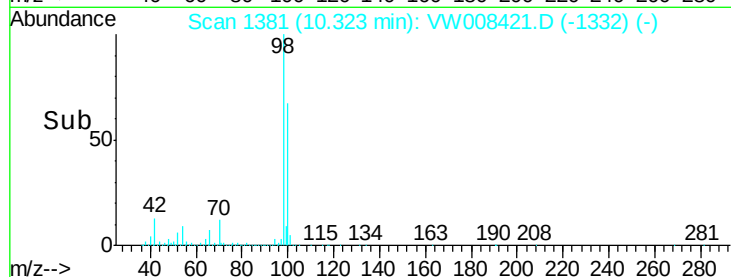
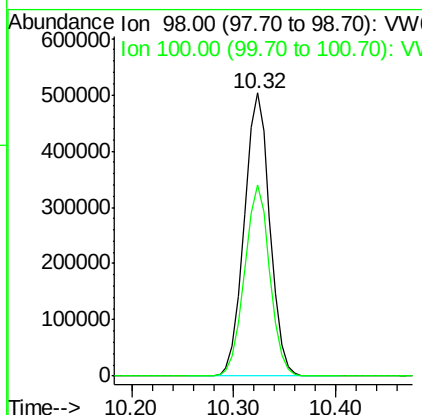
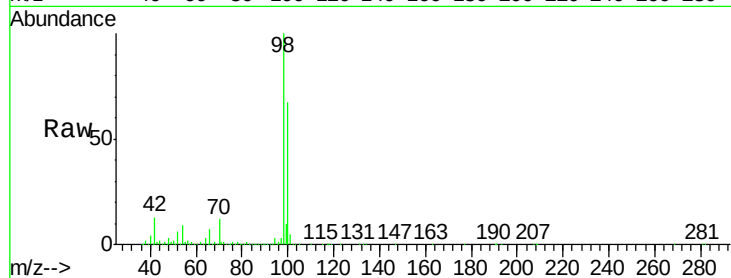




#50
Toluene-d8
Concen: 50.561 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008421.D
Acq: 25 Jan 2019 19:38

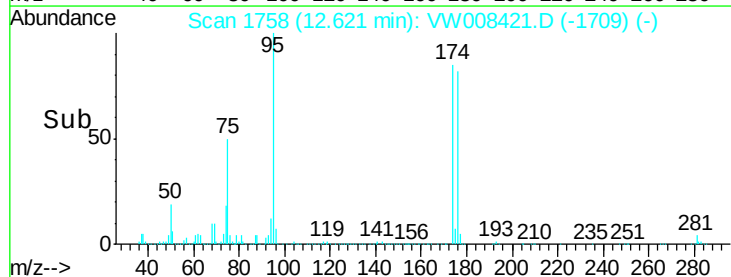
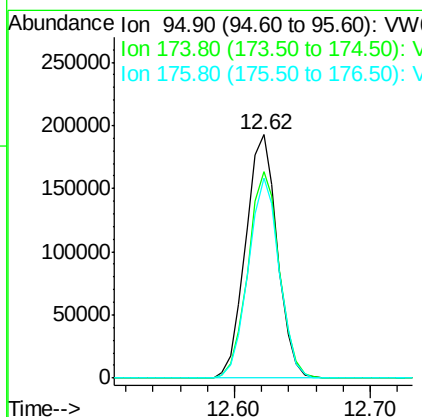
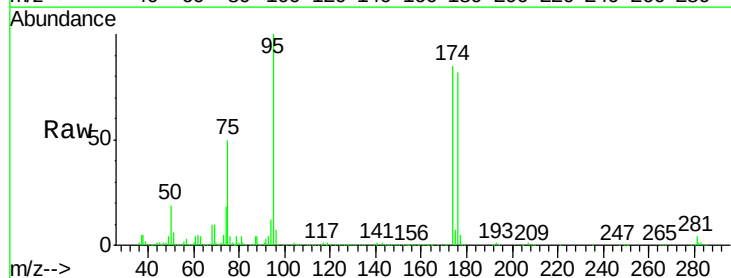
Instrument :
MSVOA_W
ClientSampleId :
RBR-200029

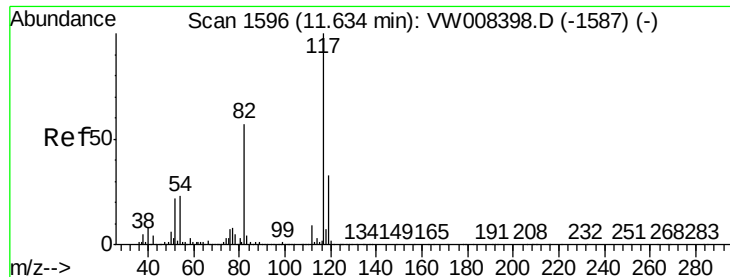
Tot Ion: 98 Resp: 876090
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.132 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008421.D
Acq: 25 Jan 2019 19:38

Tgt Ion: 95 Resp: 313915
Ion Ratio Lower Upper
95 100
174 84.2 0.0 157.6
176 80.8 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: VW008421.D

Acq: 25 Jan 2019 19:38

Instrument :

MSVOA_W

ClientSampled :

RBR-200029

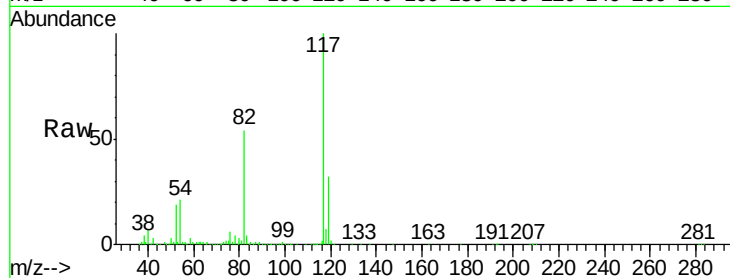
Tot Ion:117 Resp: 656695

Ion Ratio Lower Upper

117 100

82 54.0 45.4 68.0

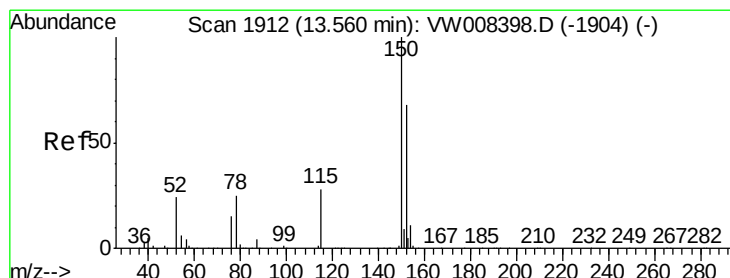
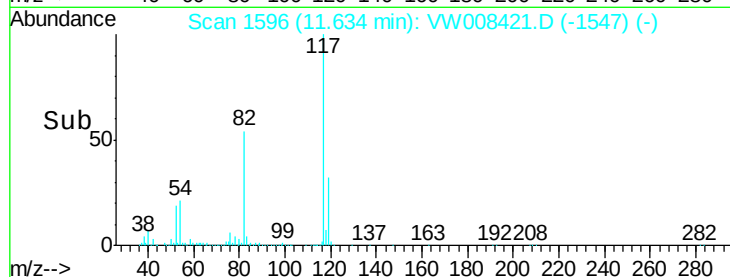
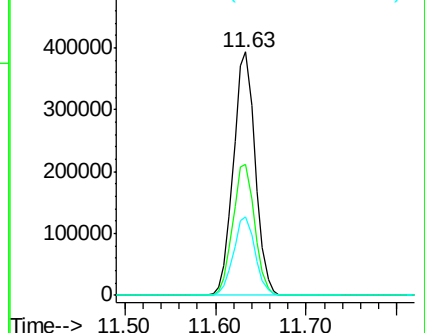
119 32.4 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW008421.D

Acq: 25 Jan 2019 19:38

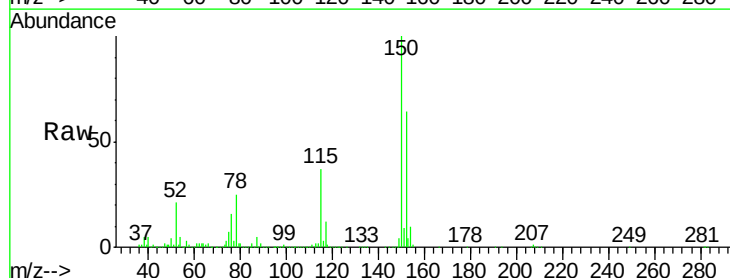
Tgt Ion:152 Resp: 310481

Ion Ratio Lower Upper

152 100

115 58.4 29.9 89.7

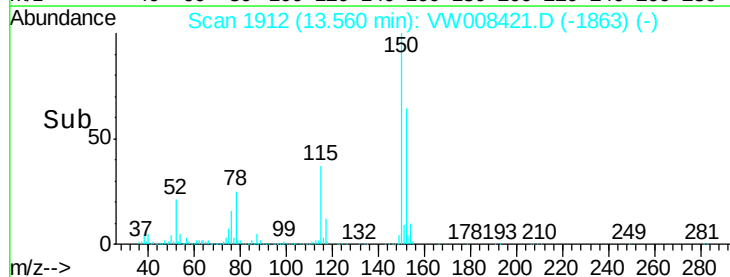
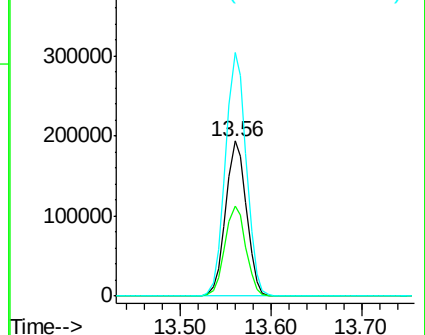
150 157.3 0.0 351.4

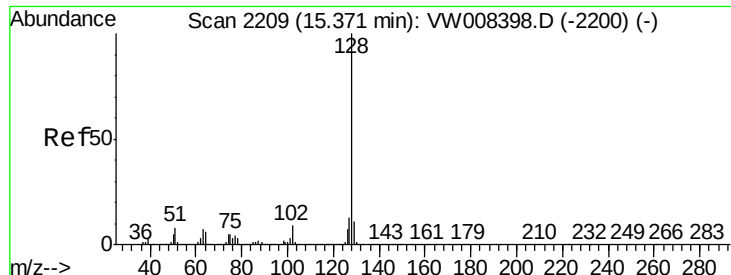


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.913 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW008421.D

Acq: 25 Jan 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

RBR-200029

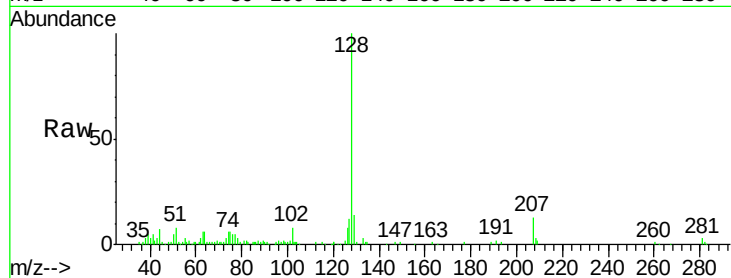
Tot Ion:128 Resp: 32968

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 12.0 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

