

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008490.D
 Acq On : 01 Feb 2019 19:04
 Operator : SY/VA
 Sample : K1360-01
 Misc : 4.18G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200053

Quant Time: Feb 02 03:05:07 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

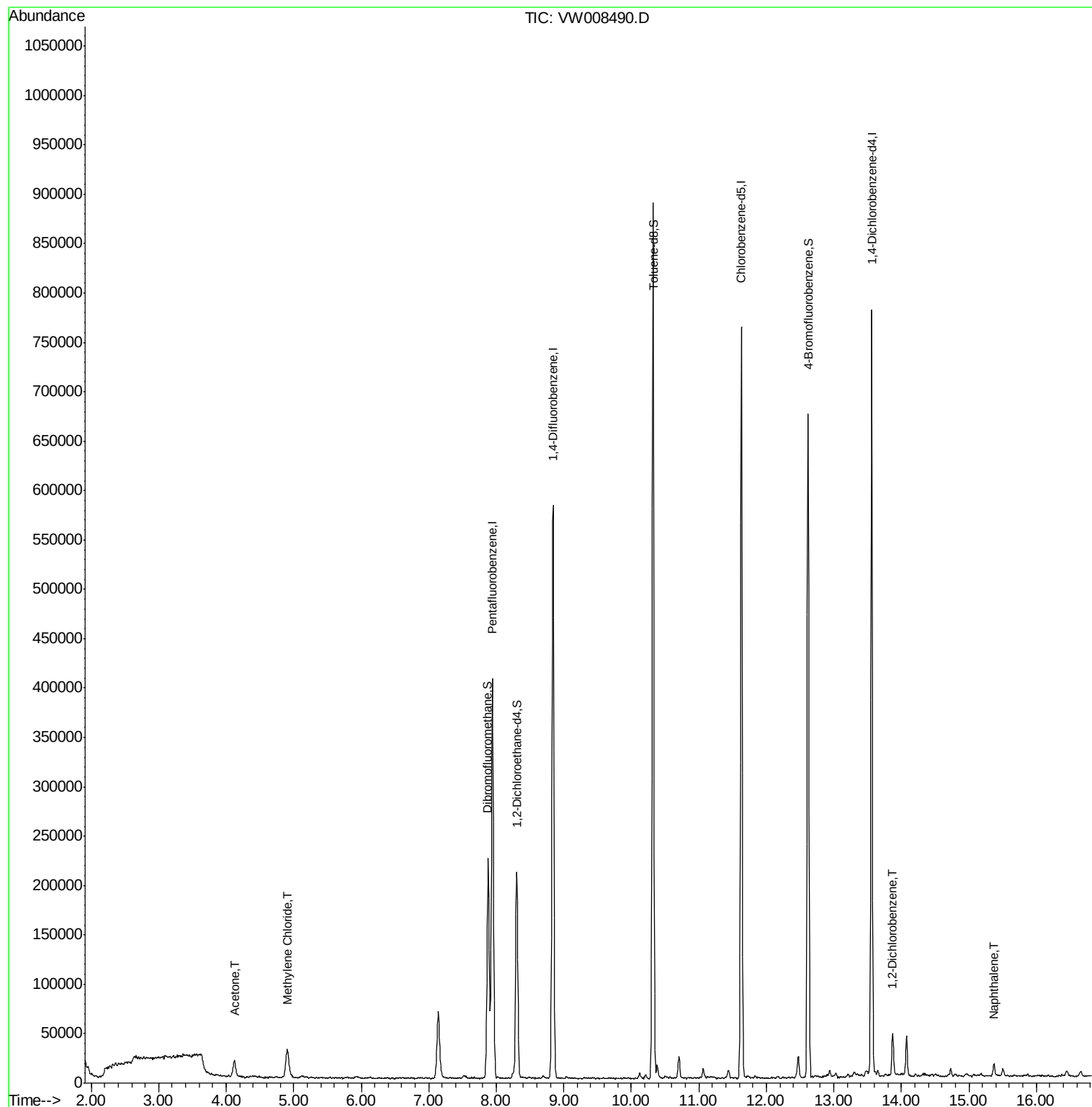
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	320197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	498829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	438180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	158929	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
35) Dibromofluoromethane	7.88	113	154318	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
50) Toluene-d8	10.32	98	583296	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	206147	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
16) Acetone	4.12	43	28607	40.497	ug/l	99
20) Methylene Chloride	4.90	84	21835	6.706	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	16774	2.919	ug/l	99
95) Naphthalene	15.37	128	9706	1.348	ug/l #	93

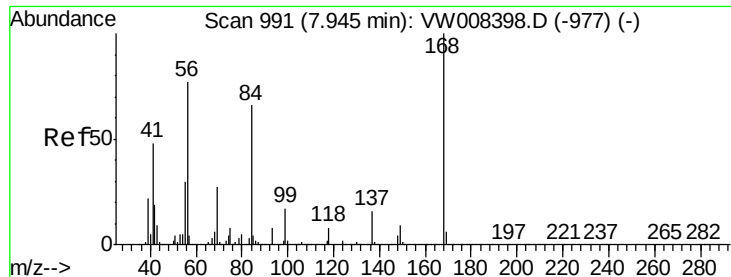
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008490.D

Acq: 01 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

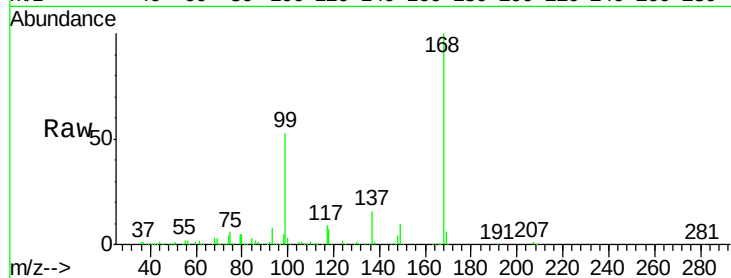
RBR-200053

Tot Ion:168 Resp: 320197

Ion Ratio Lower Upper

168 100

99 52.8 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

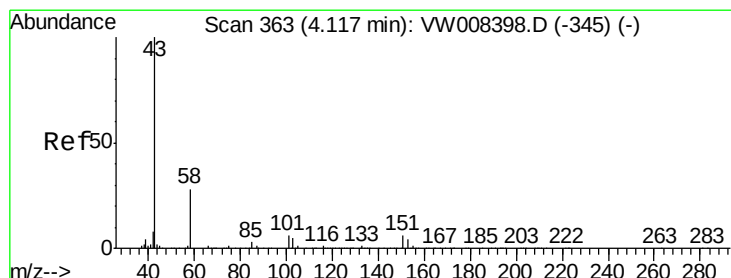
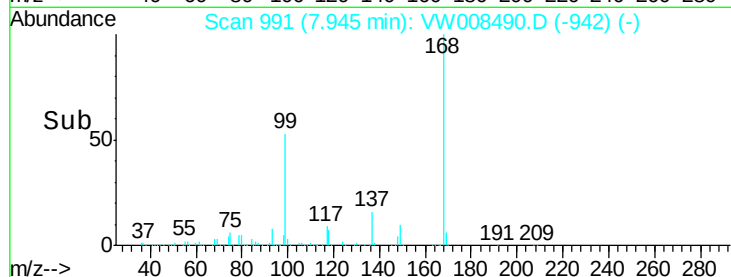
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 40.497 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008490.D

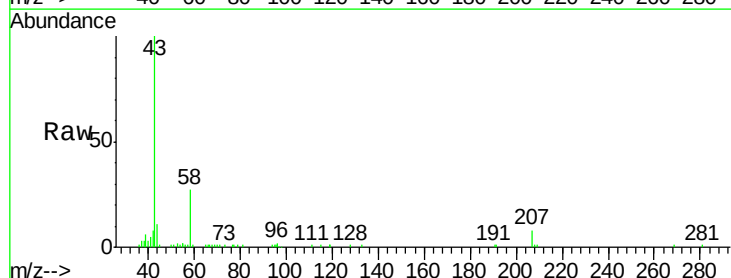
Acq: 01 Feb 2019 19:04

Tgt Ion: 43 Resp: 28607

Ion Ratio Lower Upper

43 100

58 27.8 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

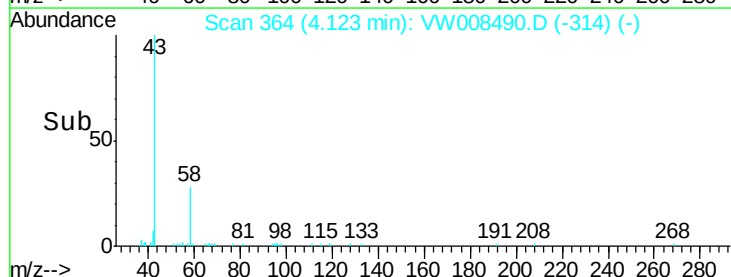
6000

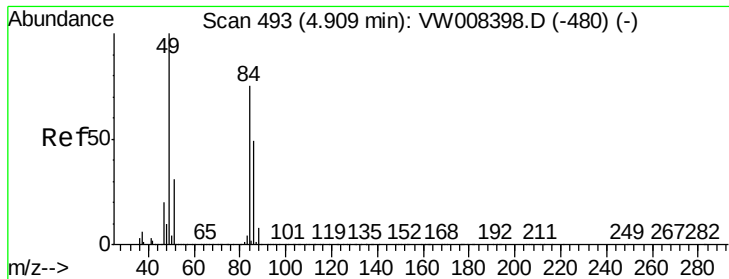
4000

2000

0

Time--> 4.00 4.05 4.10 4.15 4.20

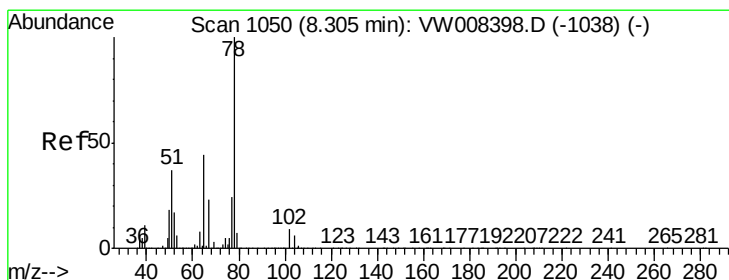
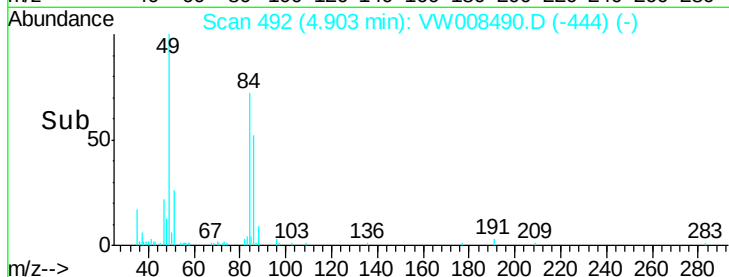
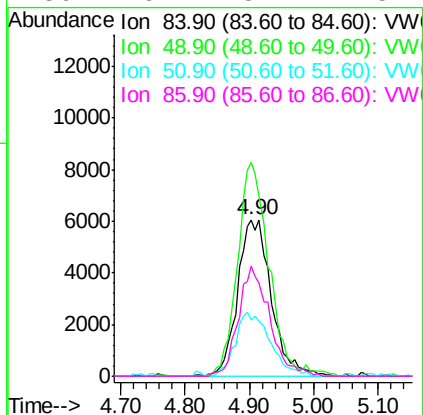
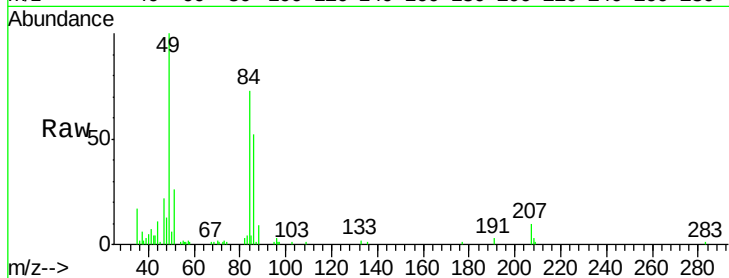




#20
Methylene Chloride
Concen: 6.706 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008490.D
Acq: 01 Feb 2019 19:04

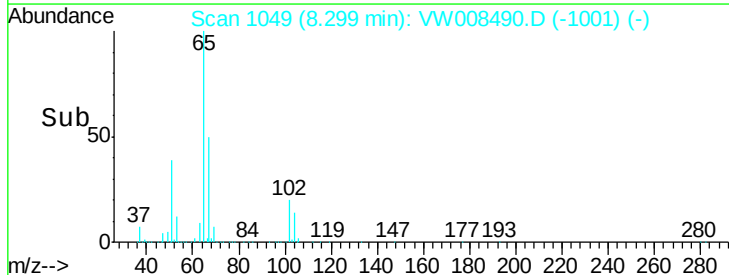
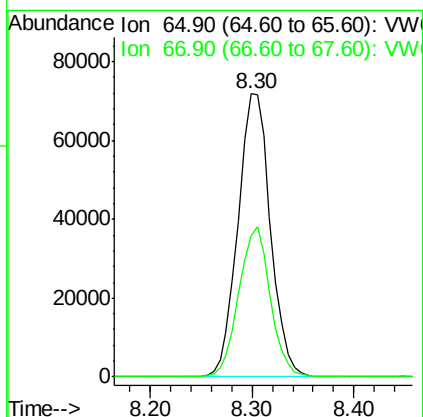
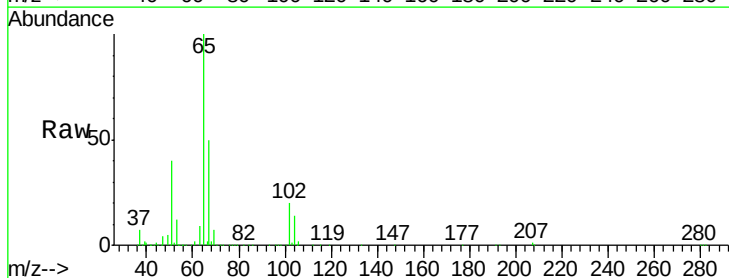
Instrument :
MSVOA_W
ClientSampled :
RBR-200053

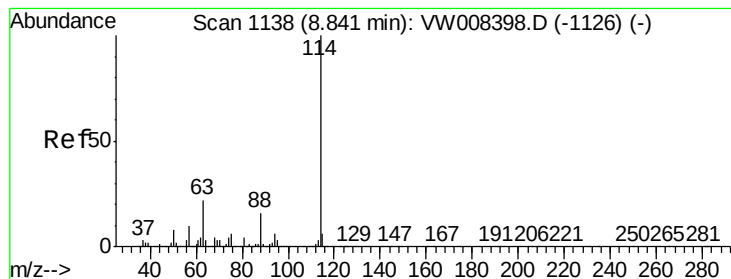
Tot Ion:	84	Resp:	21835
Ion	Ratio	Lower	Upper
84	100		
49	136.6	106.8	160.2
51	36.2	32.9	49.3
86	70.4	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 50.524 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008490.D
Acq: 01 Feb 2019 19:04

Tgt Ion:	65	Resp:	158929
Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VW008490.D

Acq: 01 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

RBR-200053

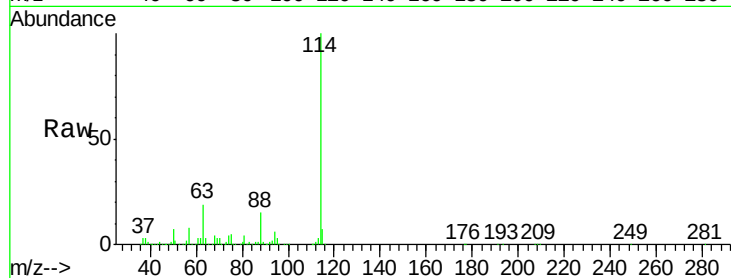
Tot Ion:114 Resp: 498829

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.6

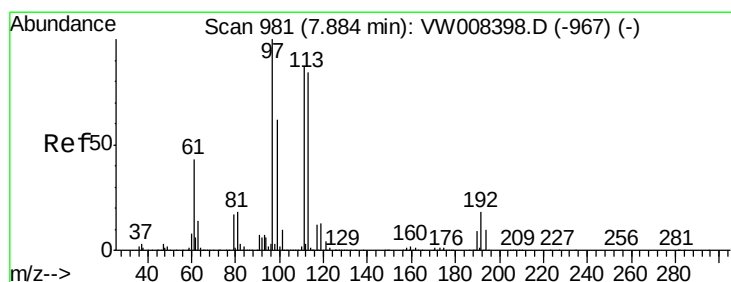
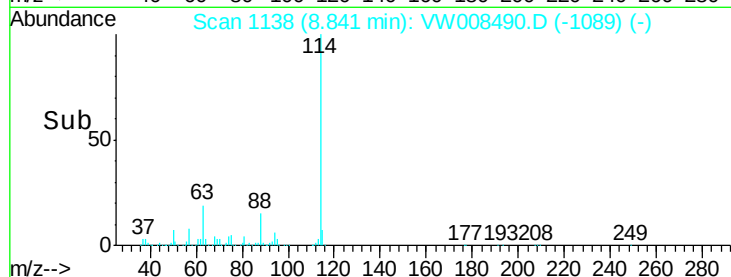
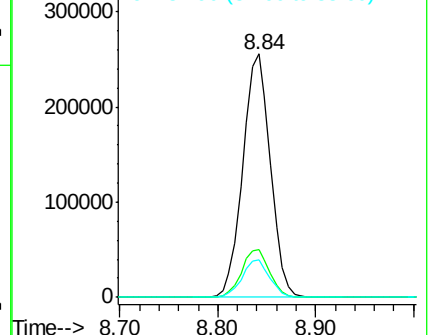
88 15.2 0.0 31.8



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: 52.906 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008490.D

Acq: 01 Feb 2019 19:04

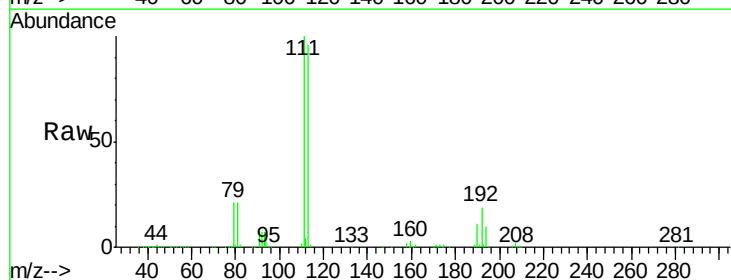
Tgt Ion:113 Resp: 154318

Ion Ratio Lower Upper

113 100

111 103.8 81.0 121.4

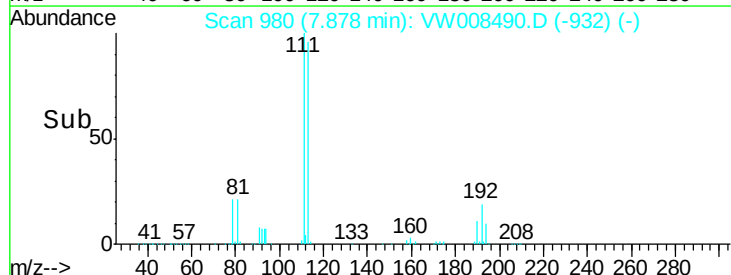
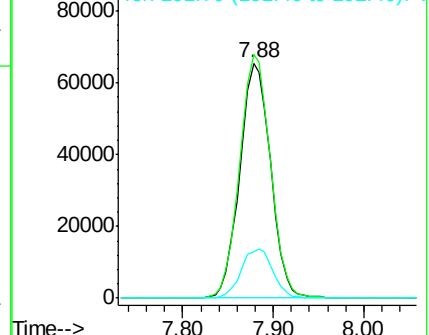
192 21.5 16.8 25.2

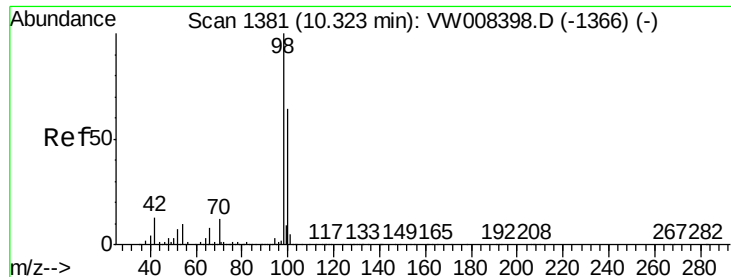


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

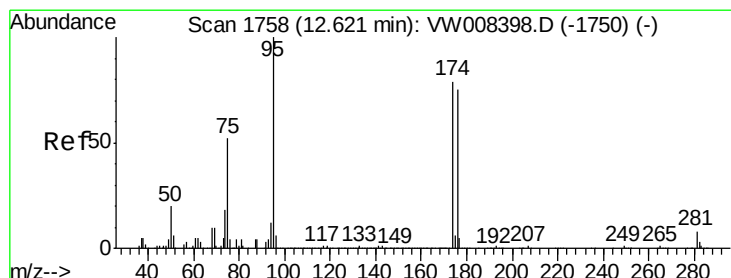
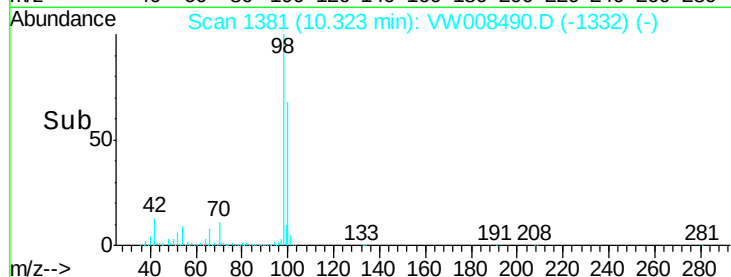
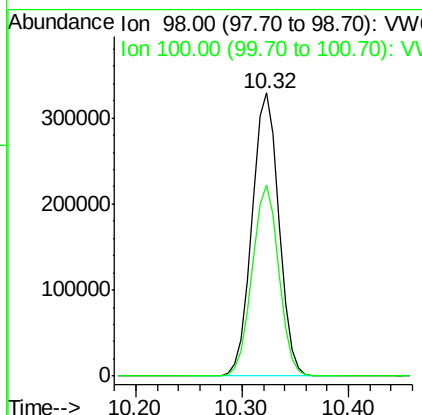
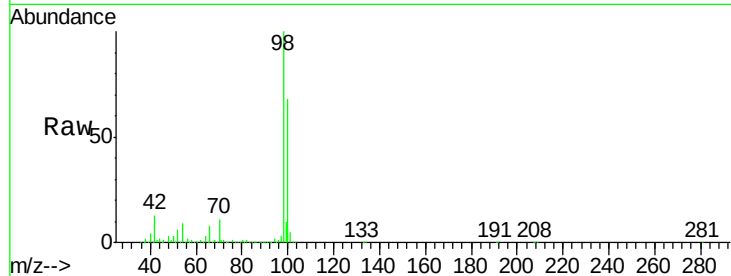




#50
Toluene-d8
Concen: 49.869 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008490.D
Acq: 01 Feb 2019 19:04

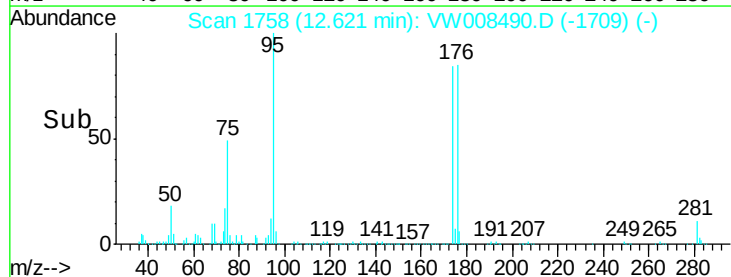
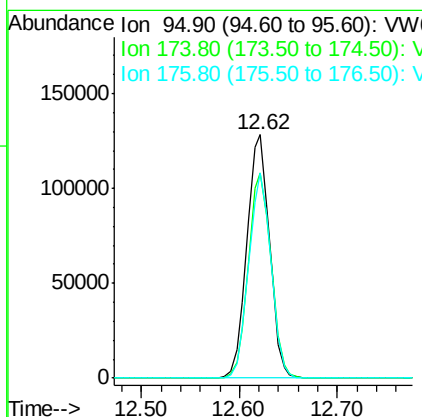
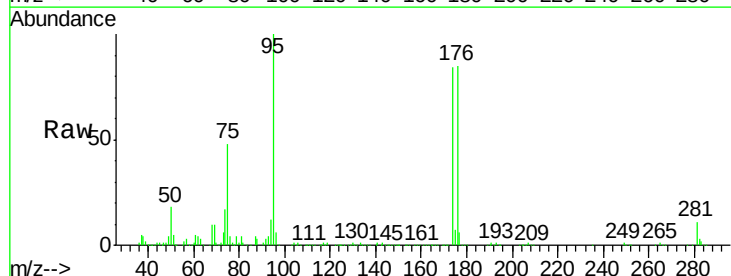
Instrument :
MSVOA_W
ClientSampleId :
RBR-200053

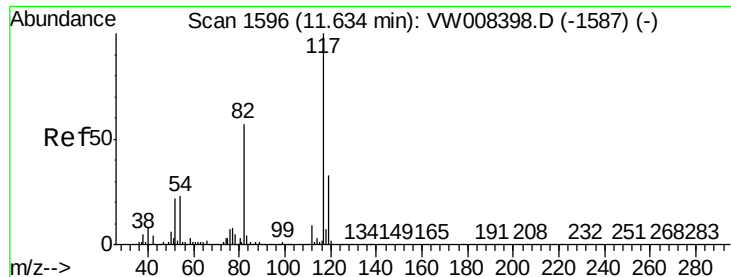
Tot Ion: 98 Resp: 583296
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.851 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008490.D
Acq: 01 Feb 2019 19:04

Tgt Ion: 95 Resp: 206147
Ion Ratio Lower Upper
95 100
174 84.9 0.0 157.6
176 82.7 0.0 151.8

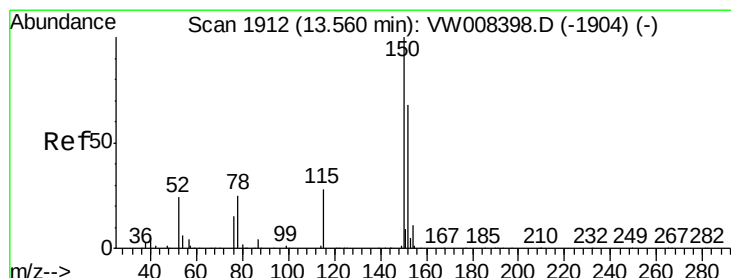
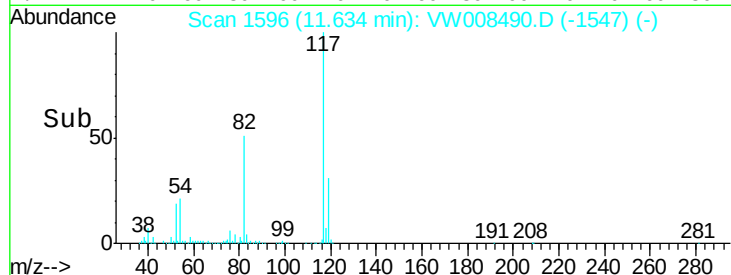
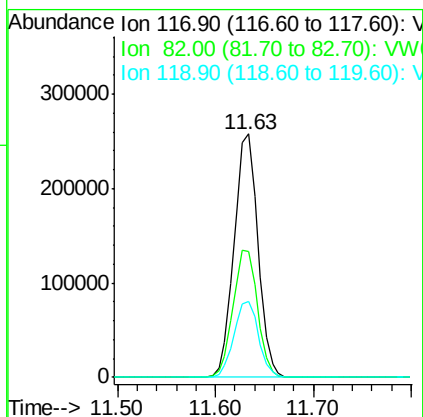
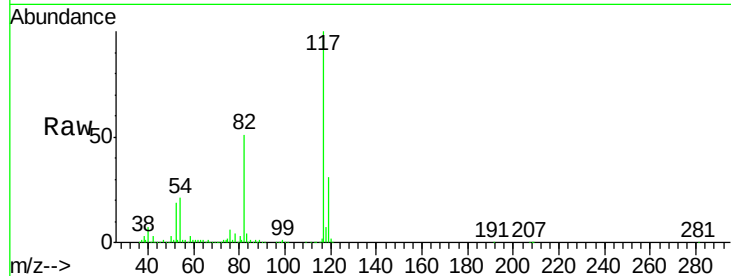




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008490.D
Acq: 01 Feb 2019 19:04

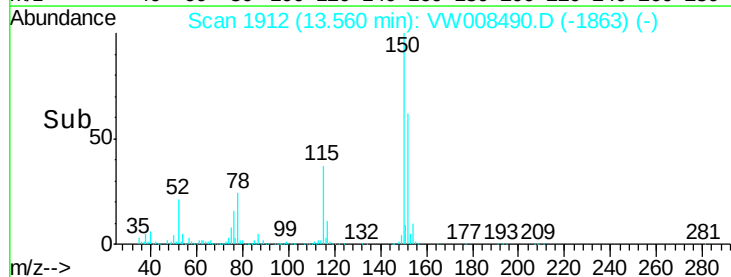
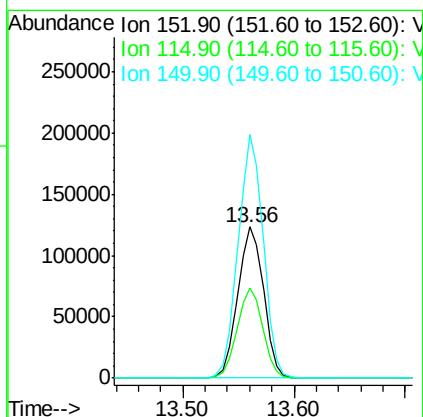
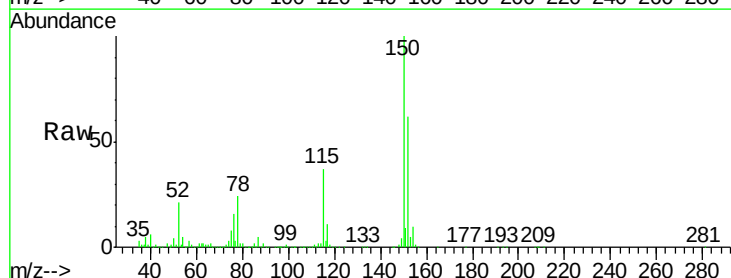
Instrument :
MSVOA_W
ClientSampleId :
RBR-200053

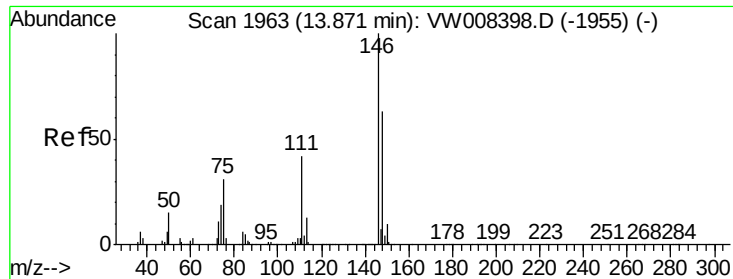
Tot Ion:117 Resp: 438180
Ion Ratio Lower Upper
117 100
82 51.5 45.4 68.0
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008490.D
Acq: 01 Feb 2019 19:04

Tgt Ion:152 Resp: 197517
Ion Ratio Lower Upper
152 100
115 58.9 29.9 89.7
150 156.7 0.0 351.4





#91

1,2-Dichlorobenzene

Concen: 2.919 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008490.D

Acq: 01 Feb 2019 19:04

Instrument :

MSVOA_W

ClientSampleId :

RBR-200053

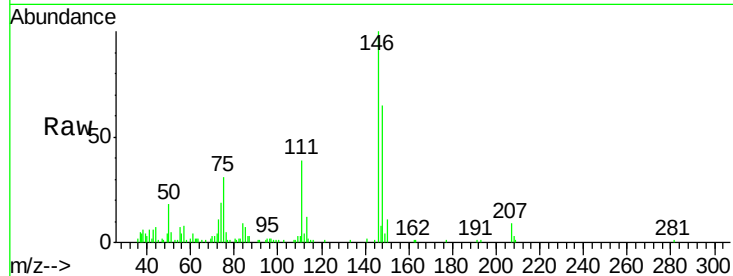
Tot Ion:146 Resp: 16774

Ion Ratio Lower Upper

146 100

111 41.0 21.1 63.3

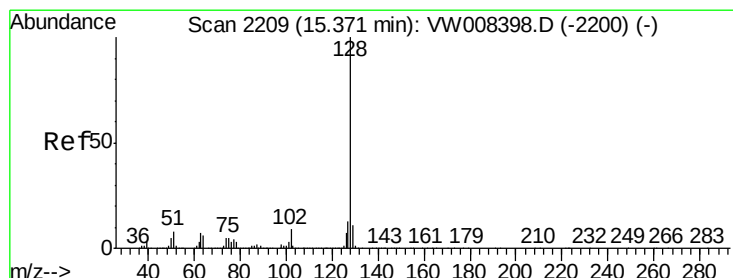
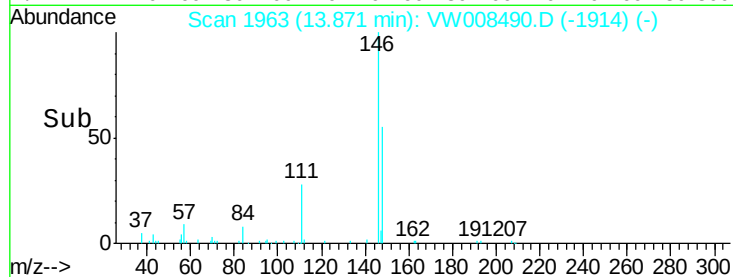
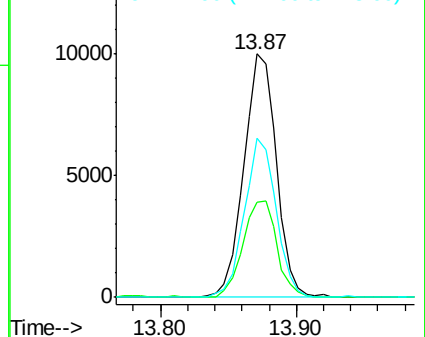
148 63.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 1.348 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW008490.D

Acq: 01 Feb 2019 19:04

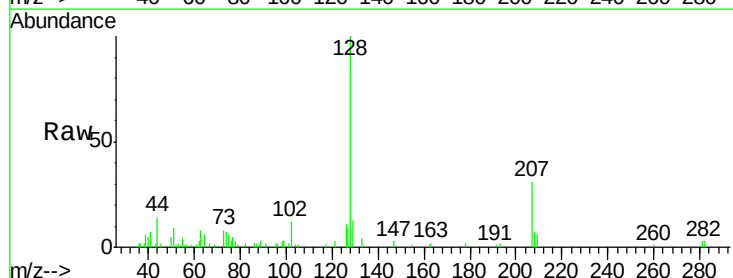
Tgt Ion:128 Resp: 9706

Ion Ratio Lower Upper

128 100

127 16.0 10.6 15.8#

129 13.9 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

