

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012310.D
 Acq On : 29 Aug 2019 18:12
 Operator : SY/VA
 Sample : K4576-02
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200034-RBR-200036

Quant Time: Aug 30 07:51:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

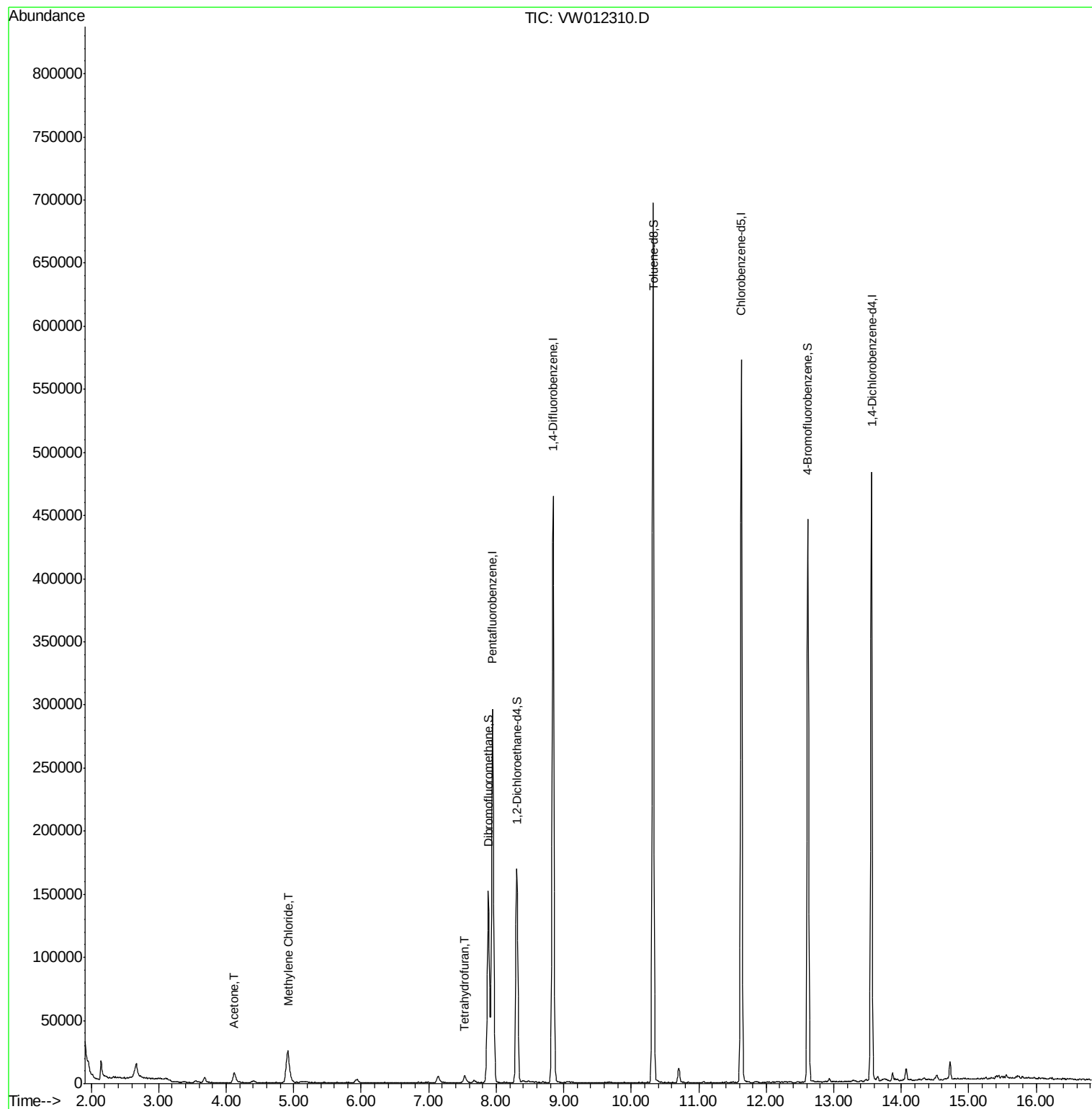
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	215777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122519	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134557	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	7.88	113	107998	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.32	98	438773	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.62	95	141721	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
Target Compounds						
16) Acetone	4.12	43	15210	23.197	ug/l	100
20) Methylene Chloride	4.92	84	18987	7.660	ug/l	98
29) Tetrahydrofuran	7.53	42	5054	9.454	ug/l	100

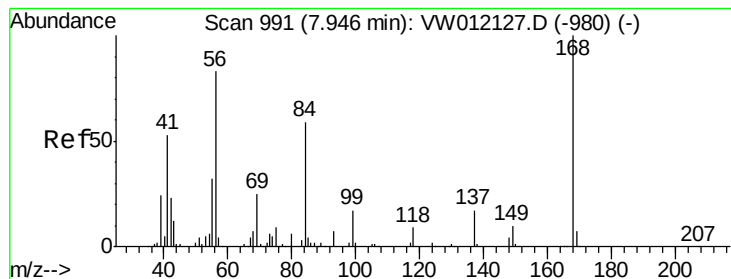
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012310.D

Acq: 29 Aug 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

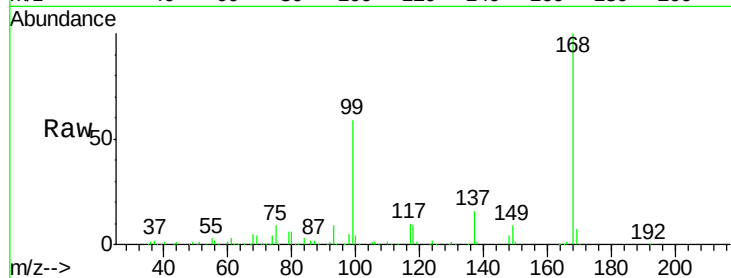
RBR-200034-RBR-200036

Tot Ion:168 Resp: 215777

Ion Ratio Lower Upper

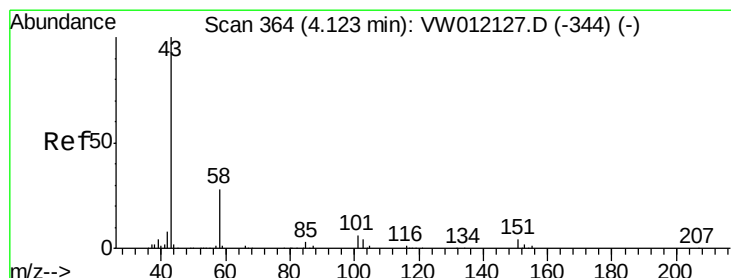
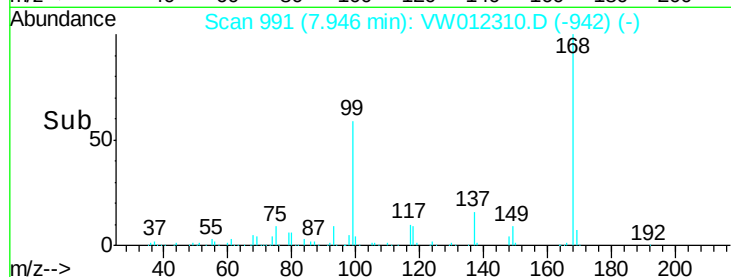
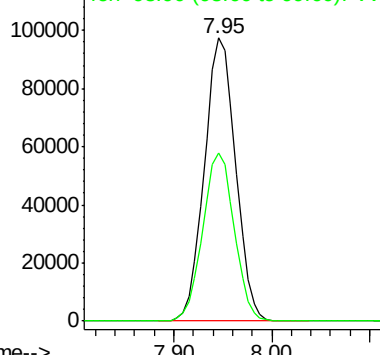
168 100

99 59.4 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 23.197 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW012310.D

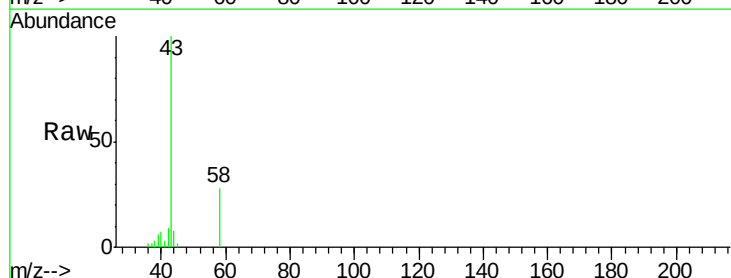
Acq: 29 Aug 2019 18:12

Tgt Ion: 43 Resp: 15210

Ion Ratio Lower Upper

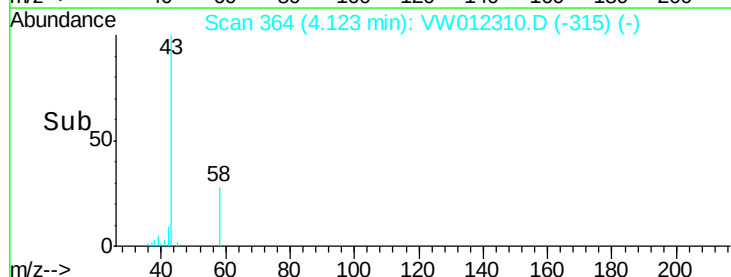
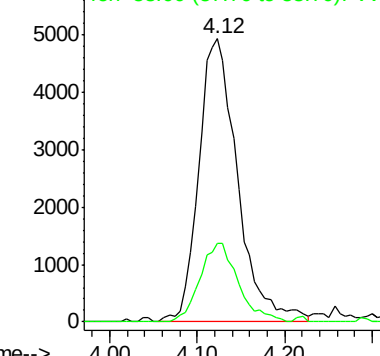
43 100

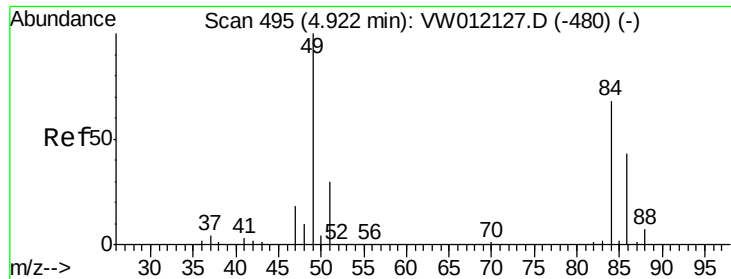
58 27.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

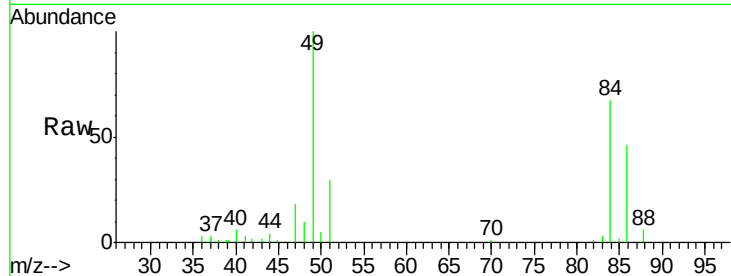




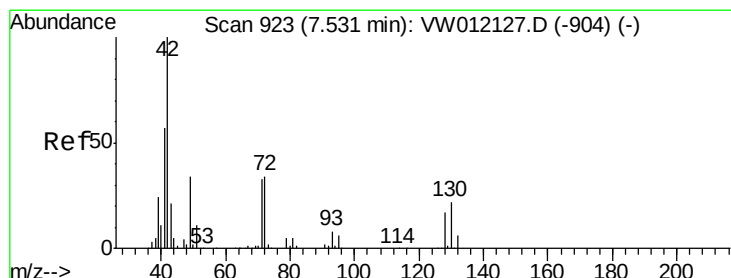
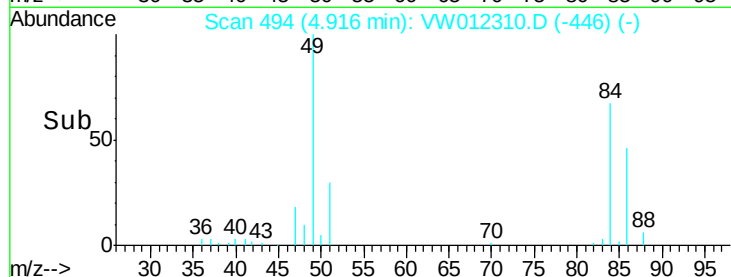
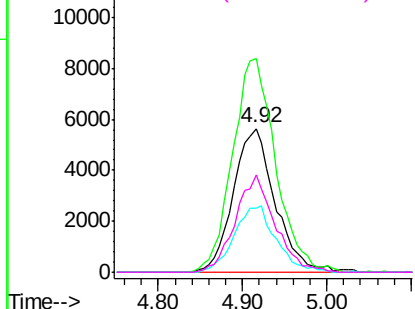
#20
Methylene Chloride
Concen: 7.660 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012310.D
Acq: 29 Aug 2019 18:12

Instrument :
MSVOA_W
ClientSampleId :
RBR-200034-RBR-200036

Tot Ion:	84	Resp:	18987
Ion	Ratio	Lower	Upper
84	100		
49	148.6	117.8	176.8
51	44.8	35.6	53.4
86	67.7	51.2	76.8

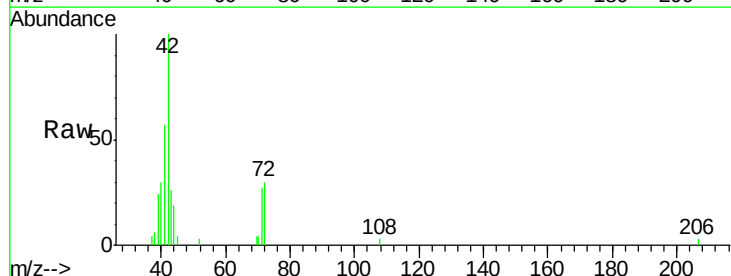


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

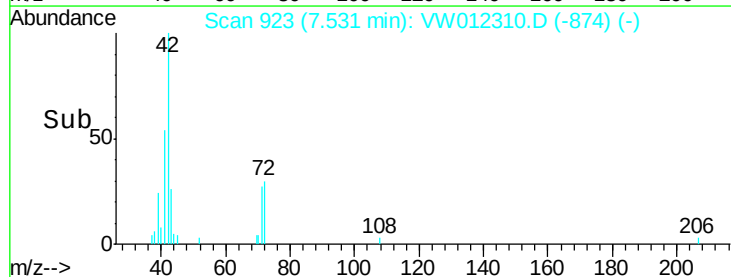
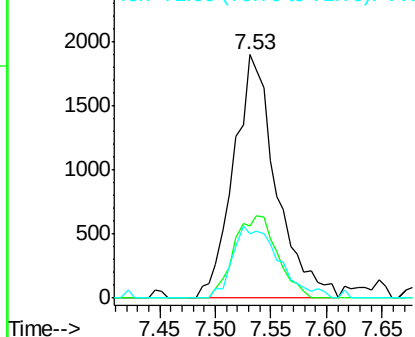


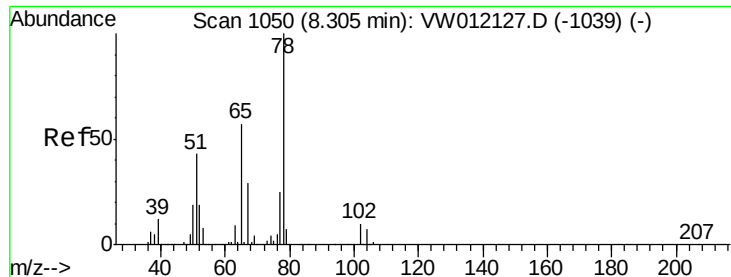
#29
Tetrahydrofuran
Concen: 9.454 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012310.D
Acq: 29 Aug 2019 18:12

Tgt Ion:	42	Resp:	5054
Ion	Ratio	Lower	Upper
42	100		
72	34.2	27.3	40.9
71	32.0	25.5	38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

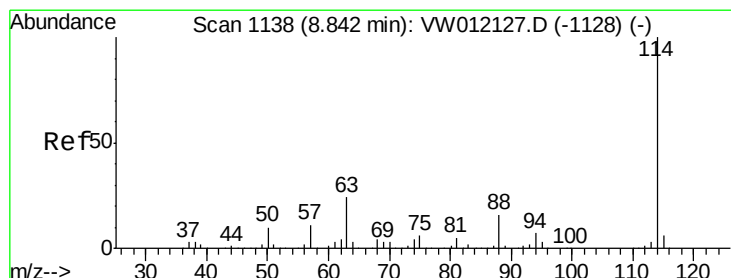
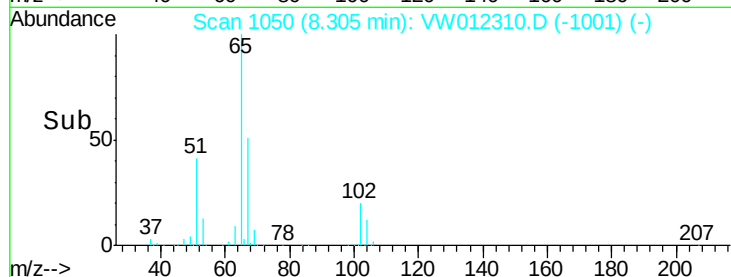
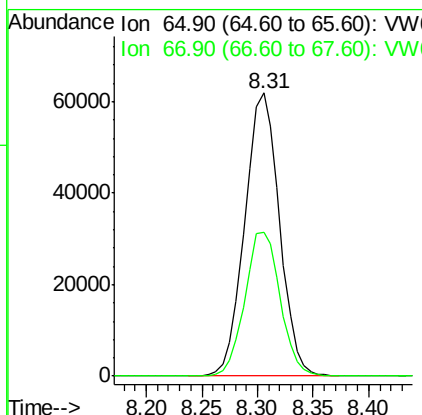
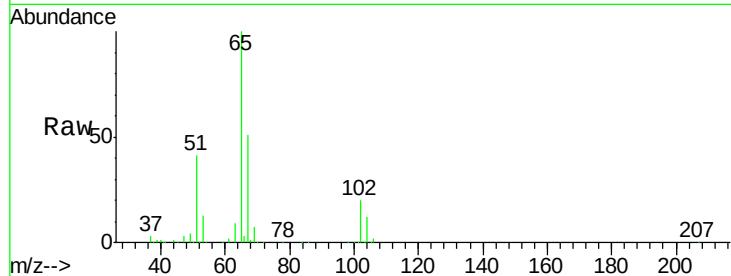




#33
 1,2-Dichloroethane-d4
 Concen: 52.458 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012310.D
 Acq: 29 Aug 2019 18:12

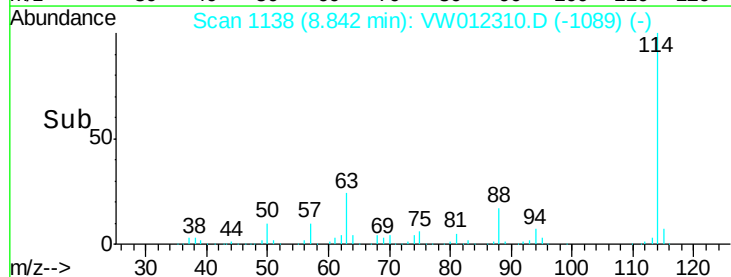
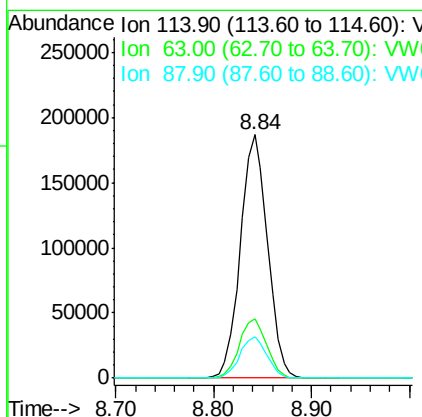
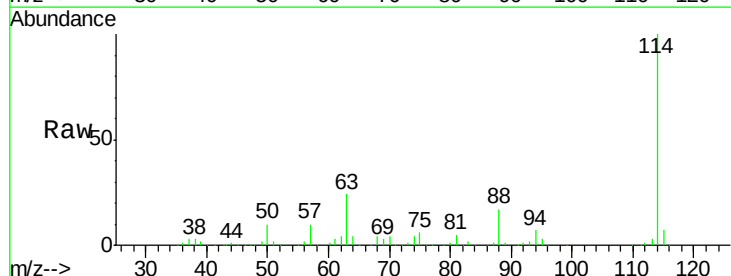
Instrument :
 MSVOA_W
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 RBR-200034-RBR-200036

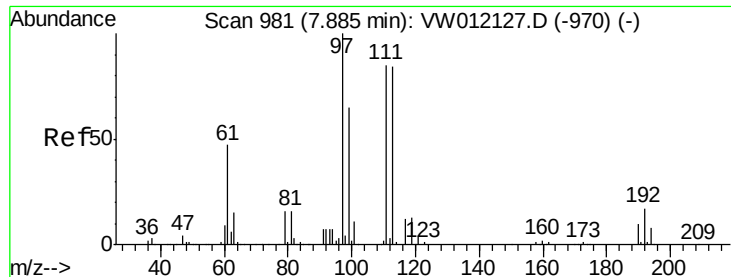
Tot Ion: 65 Resp: 134557
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012310.D
 Acq: 29 Aug 2019 18:12

Tgt Ion: 114 Resp: 360035
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 48.6
 88 16.8 0.0 32.2

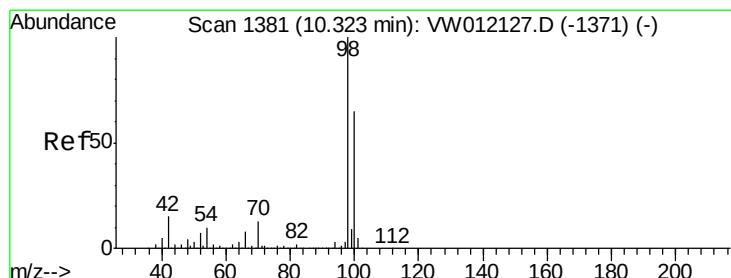
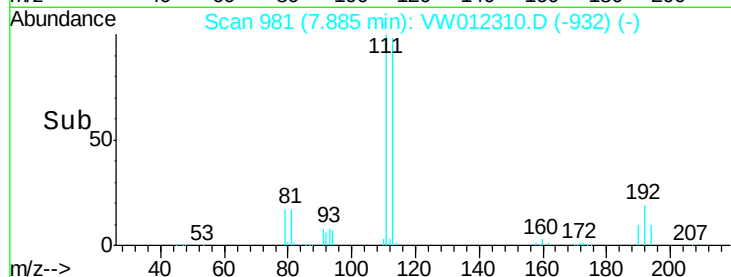
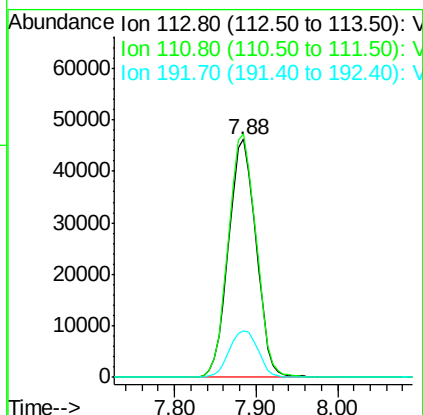
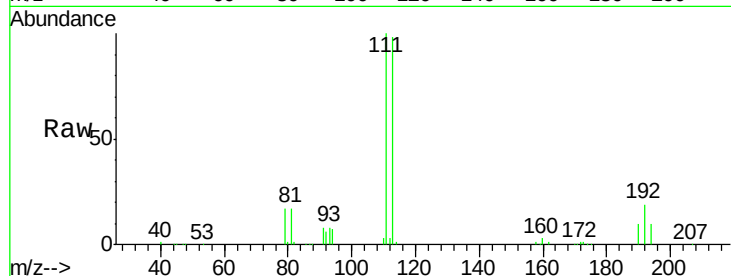




#35
 Dibromofluoromethane
 Concen: 50.254 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012310.D
 Acq: 29 Aug 2019 18:12

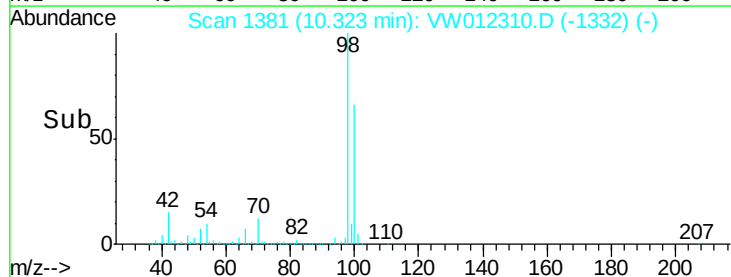
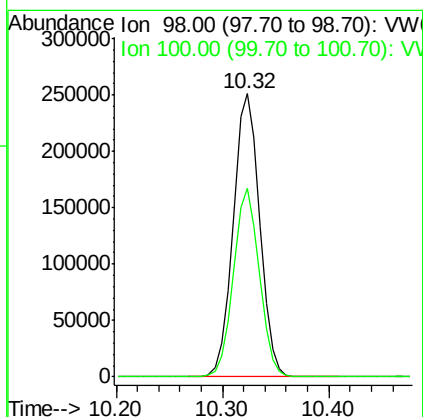
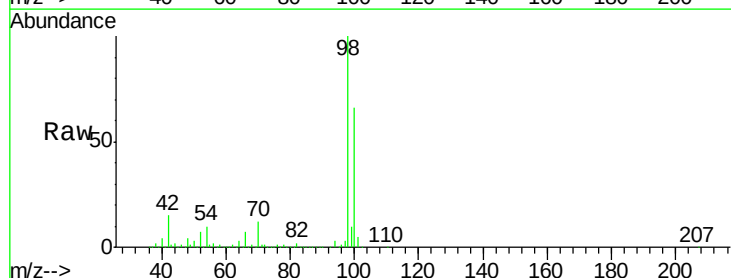
Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-200034-RBR-200036

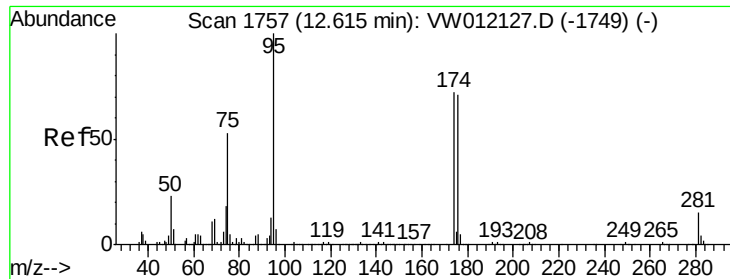
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.354 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012310.D
 Acq: 29 Aug 2019 18:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6

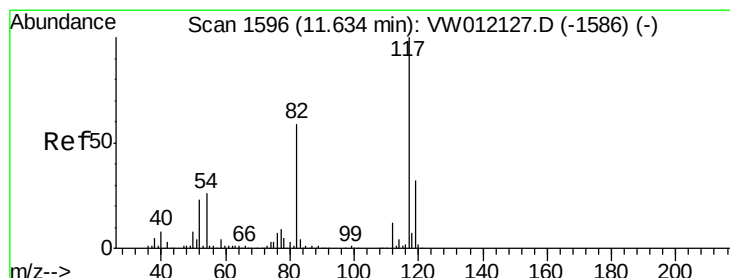
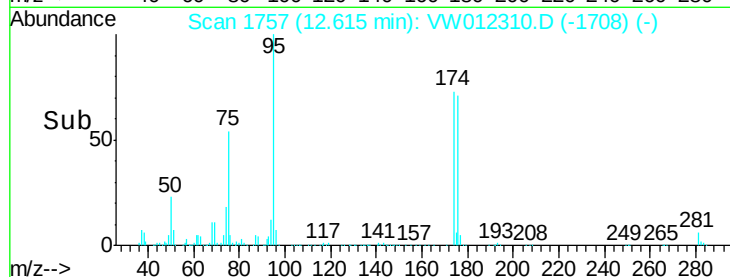
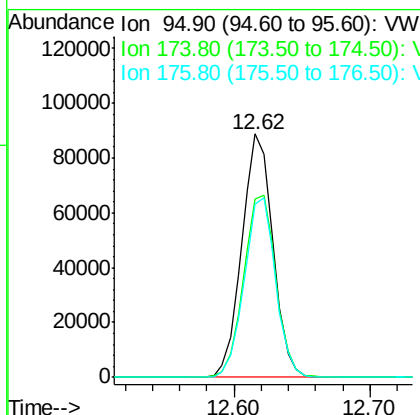
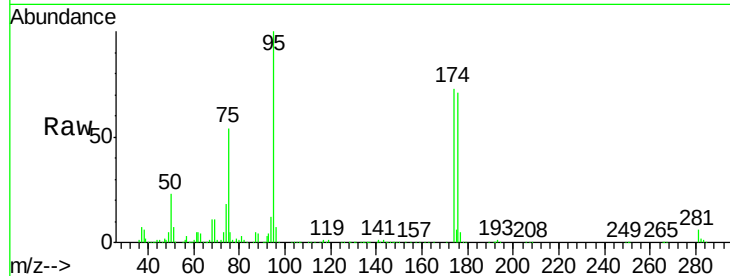




#62
4-Bromofluorobenzene
Concen: 46.139 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012310.D
Acq: 29 Aug 2019 18:12

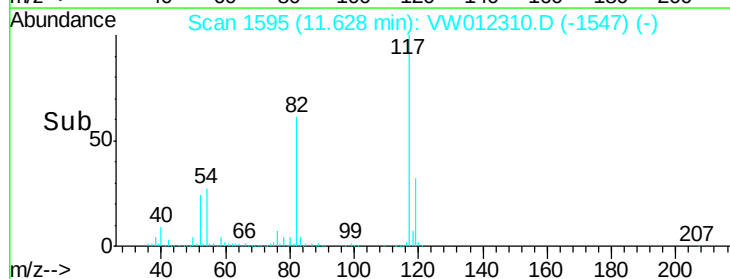
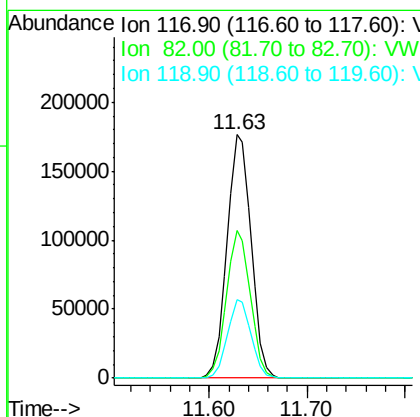
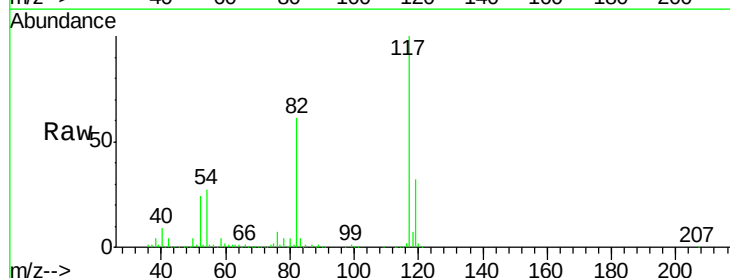
Instrument :
MSVOA_W
ClientSampleId :
RBR-200034-RBR-200036

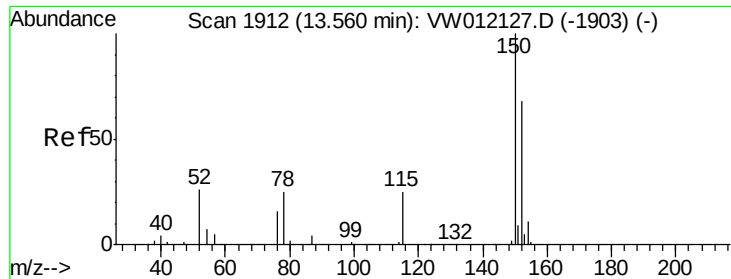
Tot Ion	95	Resp	141721
Ion Ratio	Lower	Upper	
95	100		
174	77.7	0.0	150.8
176	74.4	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012310.D
Acq: 29 Aug 2019 18:12

Tgt Ion	117	Resp	301228
Ion Ratio	Lower	Upper	
117	100		
82	60.6	47.4	71.2
119	32.0	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012310.D

Acq: 29 Aug 2019 18:12

Instrument :

MSVOA_W

ClientSampleId :

RBR-200034-RBR-200036

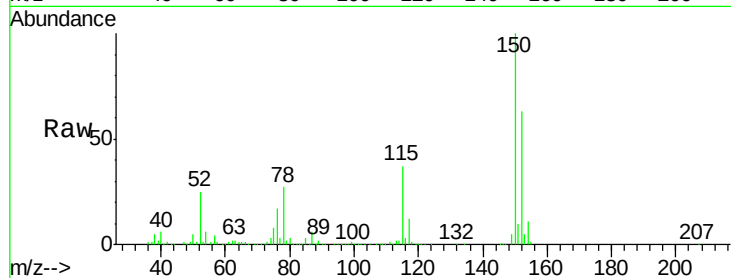
Tot Ion:152 Resp: 122519

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.3

150 157.6 0.0 345.8



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

