

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008422.D
 Acq On : 25 Jan 2019 20:05
 Operator : SY/VA
 Sample : K1233-02
 Misc : 4.43G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-20035

Quant Time: Jan 28 04:14:47 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

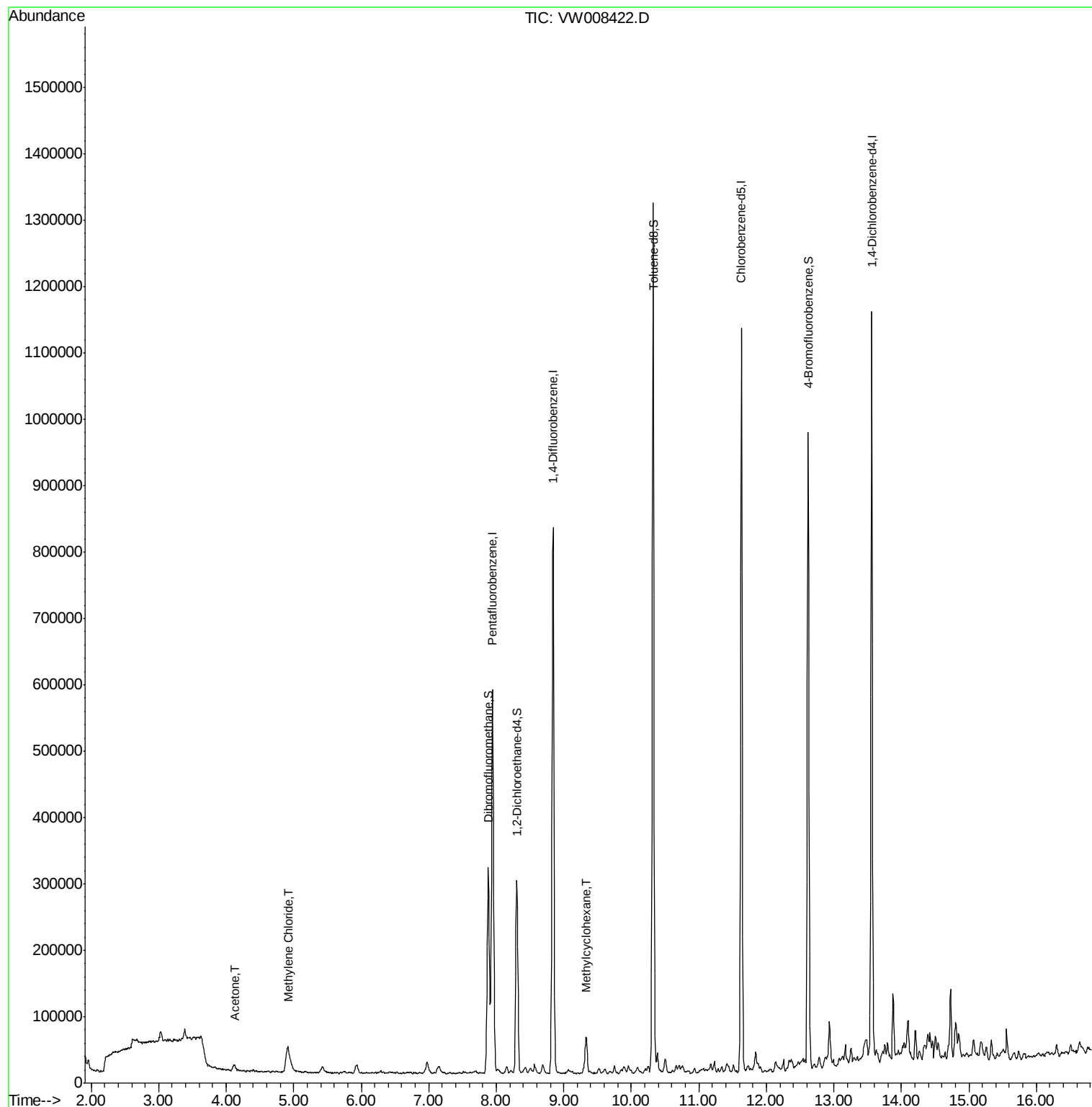
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	446419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	706651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	627264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	295807	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	227835	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
35) Dibromofluoromethane	7.88	113	219795	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
50) Toluene-d8	10.32	98	837468	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	302698	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
Target Compounds						
16) Acetone	4.12	43	13371	13.577	ug/l	94
20) Methylene Chloride	4.91	84	29171	6.426	ug/l #	94
39) Methylcyclohexane	9.33	83	22813	2.602	ug/l	99

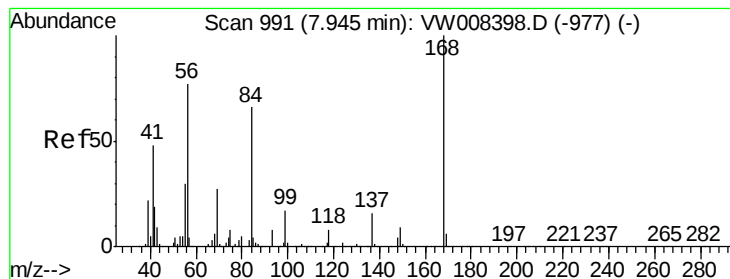
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008422.D

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Instrument :

MSVOA_W

ClientSampleId :

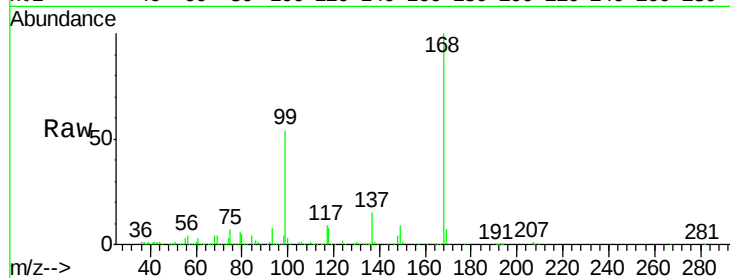
RBR-20035

Tot Ion:168 Resp: 446419

Ion Ratio Lower Upper

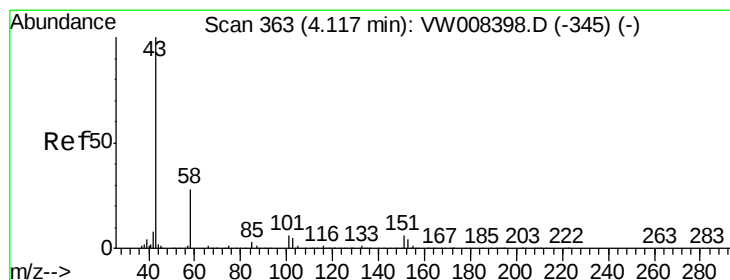
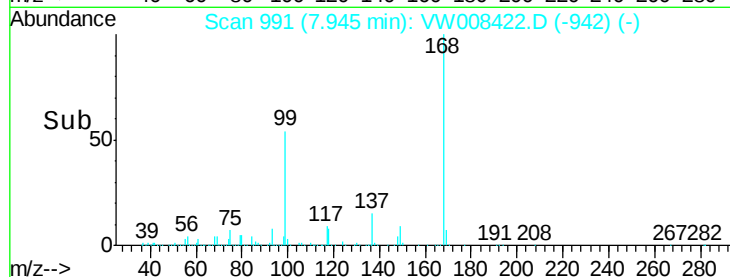
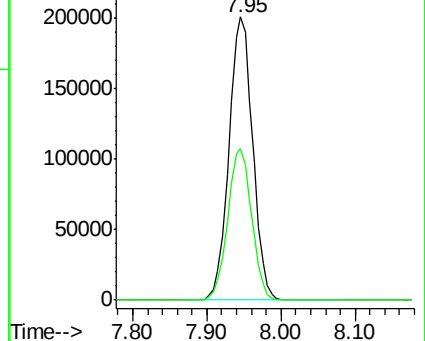
168 100

99 53.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 13.577 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008422.D

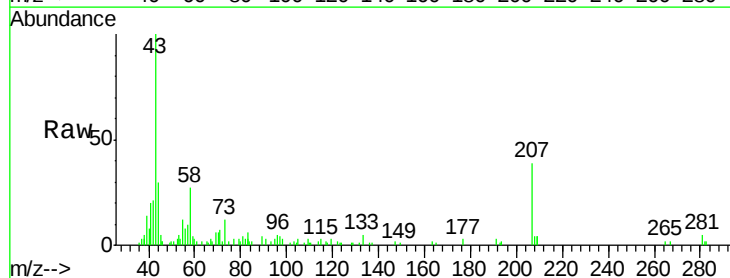
Acq: 25 Jan 2019 20:05

Tgt Ion: 43 Resp: 13371

Ion Ratio Lower Upper

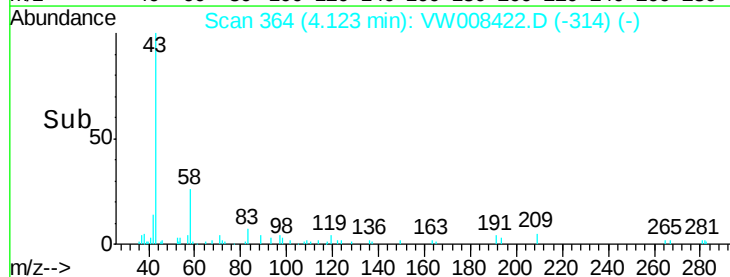
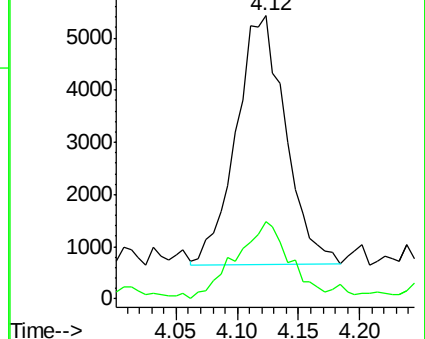
43 100

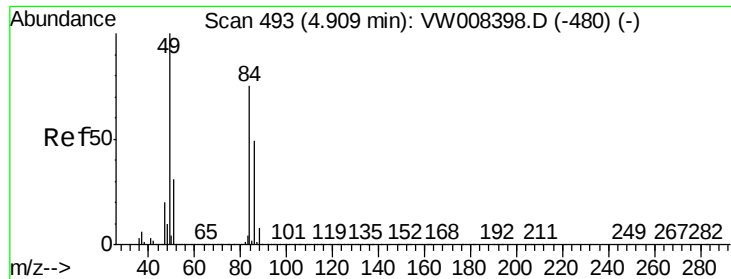
58 31.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

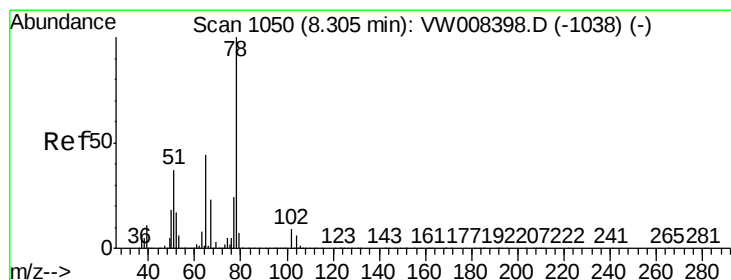
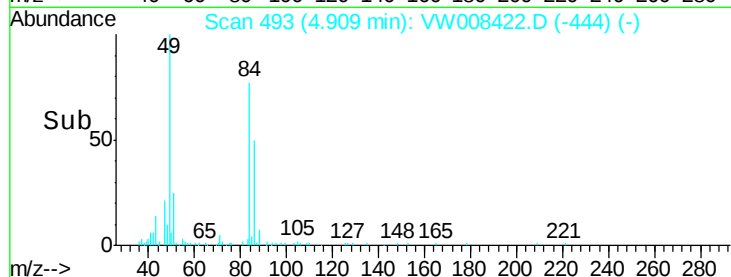
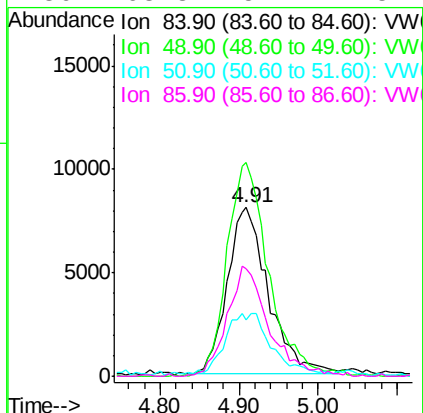
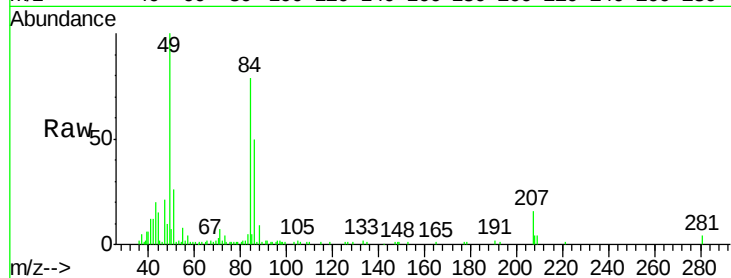




#20
Methvlene Chloride
Concen: 6.426 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008422.D
Acq: 25 Jan 2019 20:05

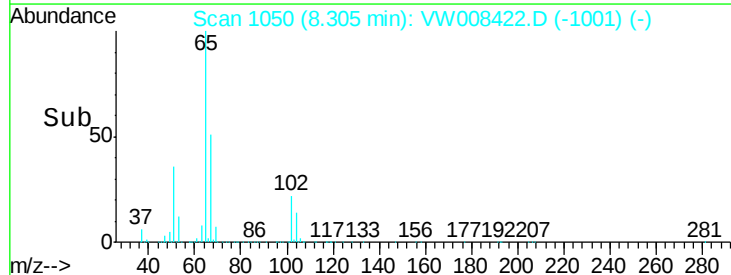
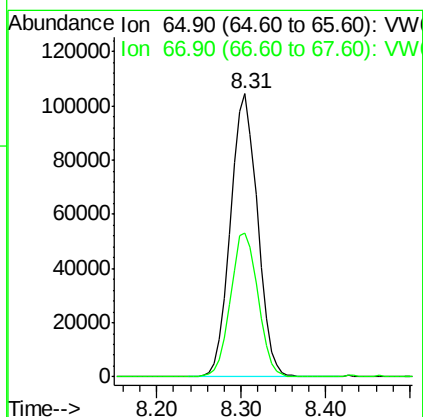
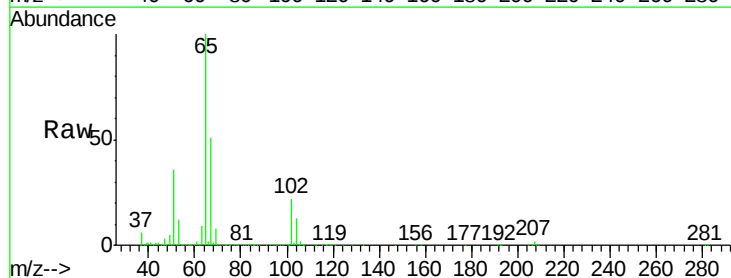
Instrument :
MSVOA_W
ClientSampleId :
RBR-20035

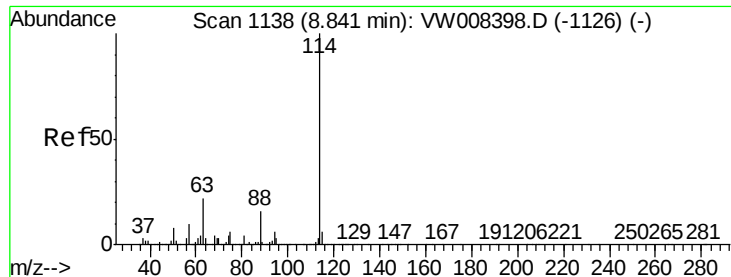
Tot Ion:	84	Resp:	29171
Ion	Ratio	Lower	Upper
84	100		
49	128.4	106.8	160.2
51	31.2	32.9	49.3#
86	63.3	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 51.950 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008422.D
Acq: 25 Jan 2019 20:05

Tgt Ion:	65	Resp:	227835
Ion	Ratio	Lower	Upper
65	100		
67	50.8	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: VW008422.D

Acq: 25 Jan 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

RBR-20035

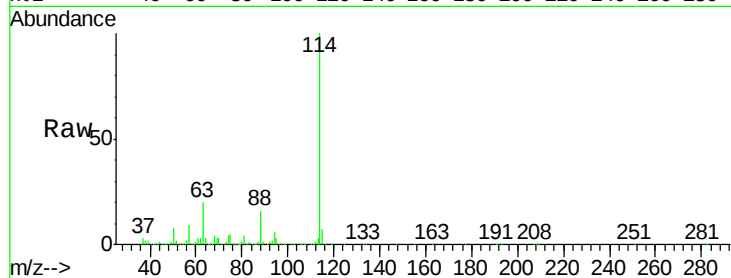
Tot Ion:114 Resp: 706651

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.6

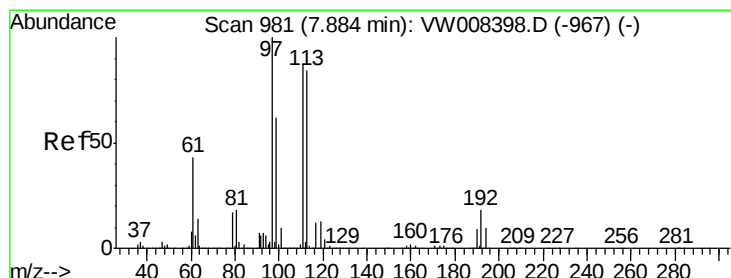
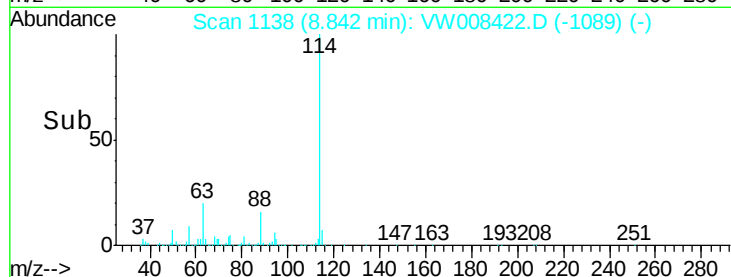
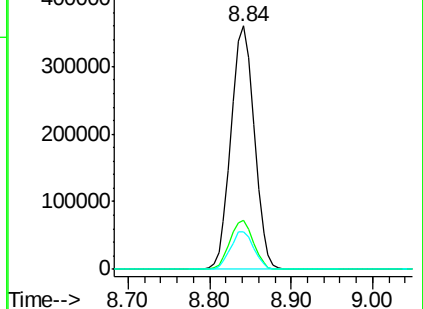
88 15.6 0.0 31.8



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: 53.193 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008422.D

Acq: 25 Jan 2019 20:05

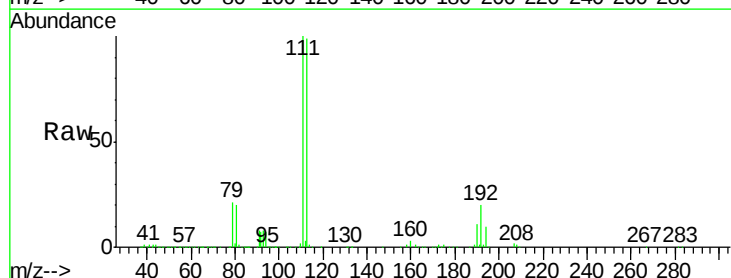
Tgt Ion:113 Resp: 219795

Ion Ratio Lower Upper

113 100

111 101.8 81.0 121.4

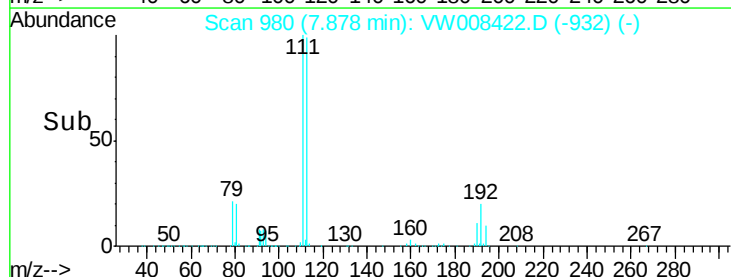
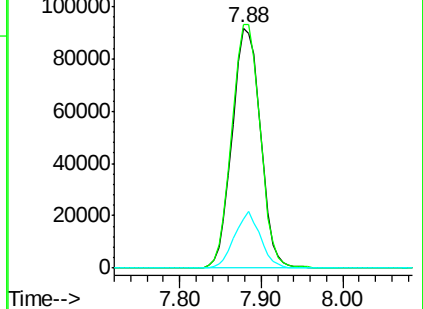
192 21.6 16.8 25.2

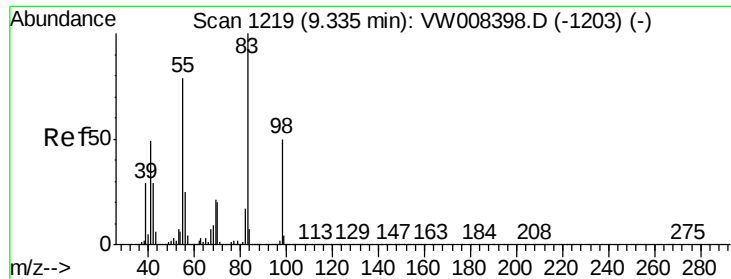


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

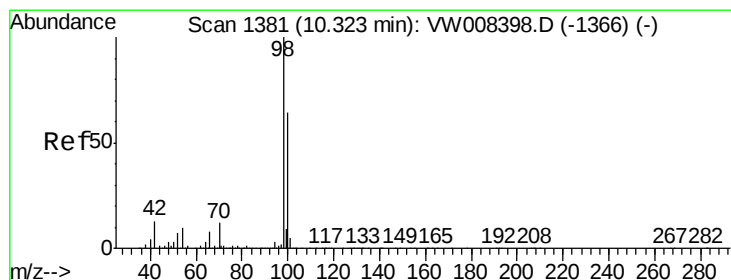
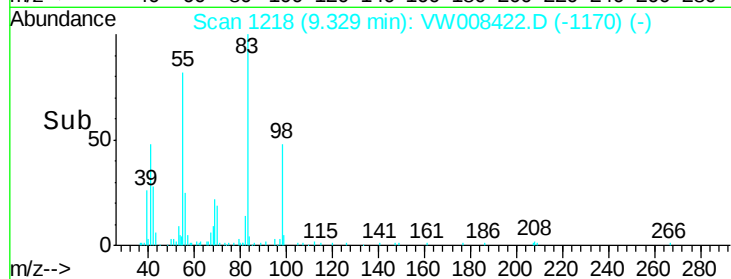
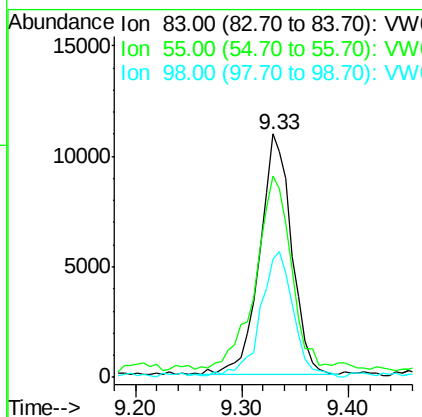
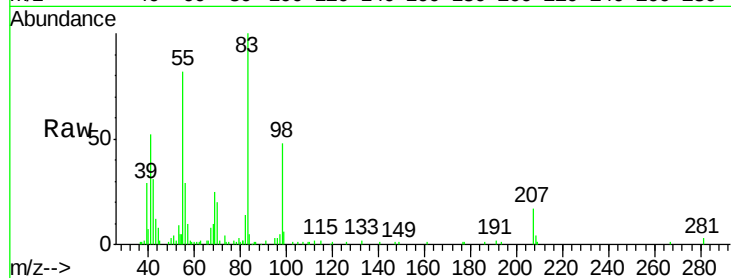




#39
Methvlcvclohexane
Concen: 2.602 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008422.D
Acq: 25 Jan 2019 20:05

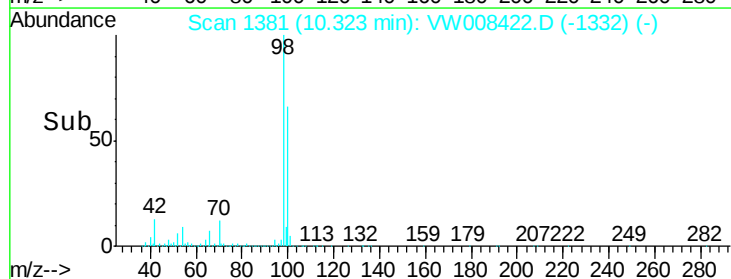
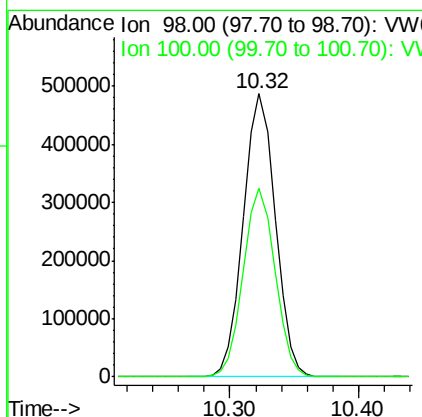
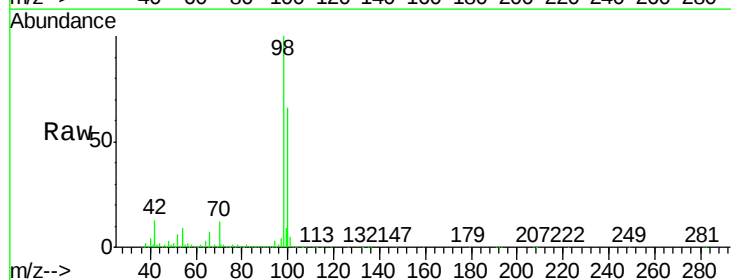
Instrument :
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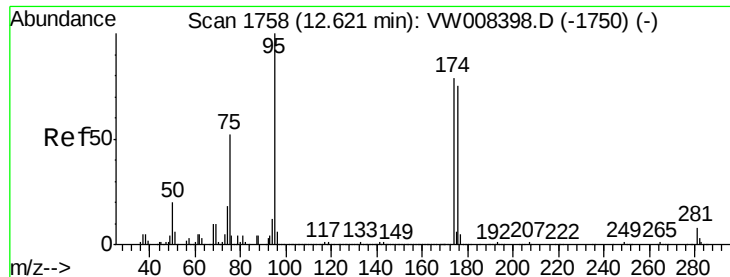
Tot Ion: 83 Resp: 22813
Ion Ratio Lower Upper
83 100
55 78.7 63.3 94.9
98 48.9 39.7 59.5



#50
Toluene-d8
Concen: 50.542 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008422.D
Acq: 25 Jan 2019 20:05

Tgt Ion: 98 Resp: 837468
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8

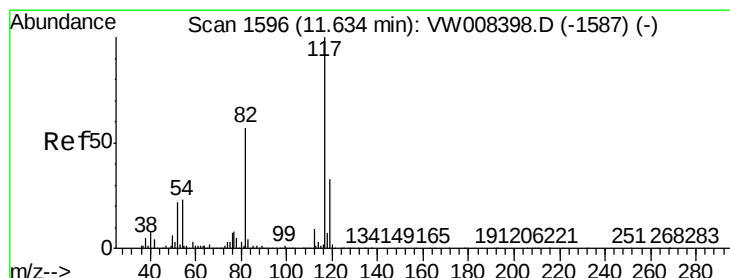
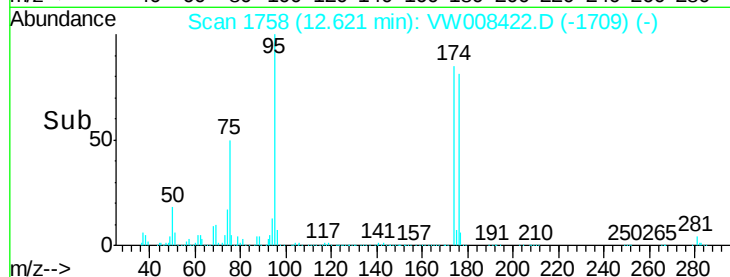
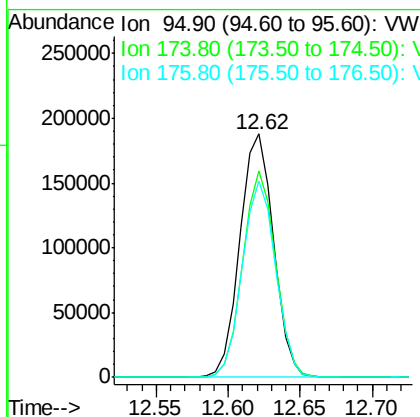
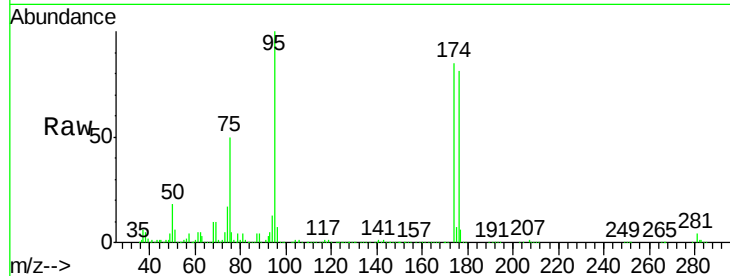




#62
4-Bromofluorobenzene
Concen: 47.526 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008422.D
Acq: 25 Jan 2019 20:05

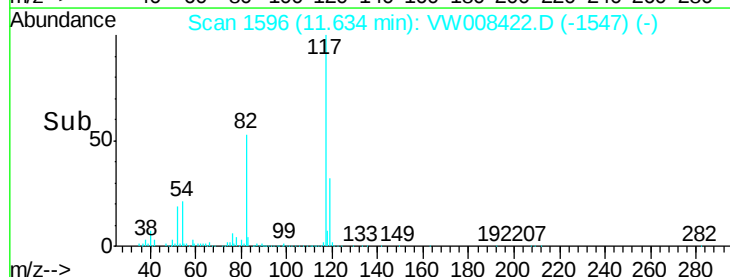
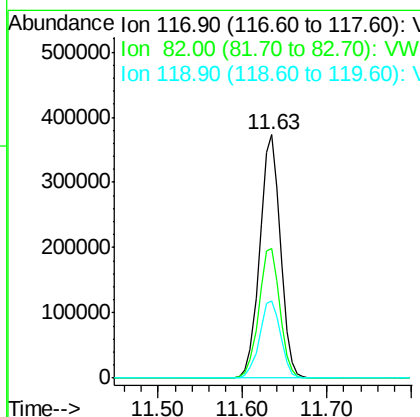
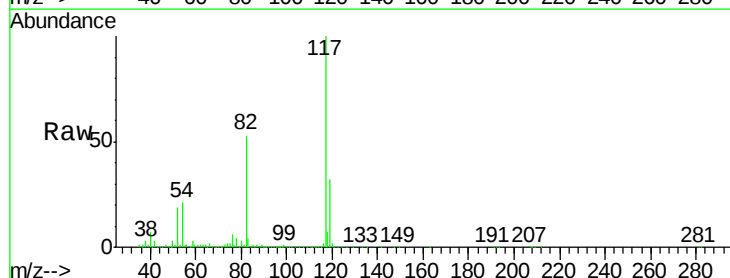
Instrument :
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ClientSampleId :
RBR-20035

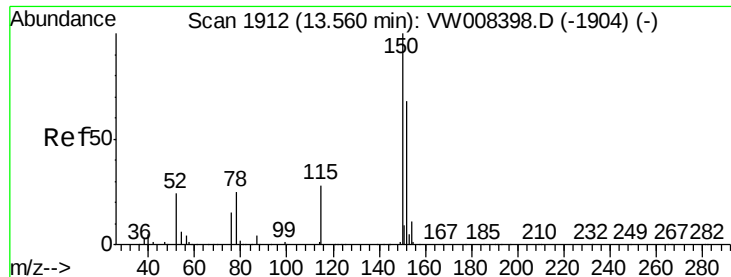
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	157.6
176	80.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008422.D
Acq: 25 Jan 2019 20:05

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.4	68.0
119	31.9	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: VW008422.D

Acq: 25 Jan 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

RBR-20035

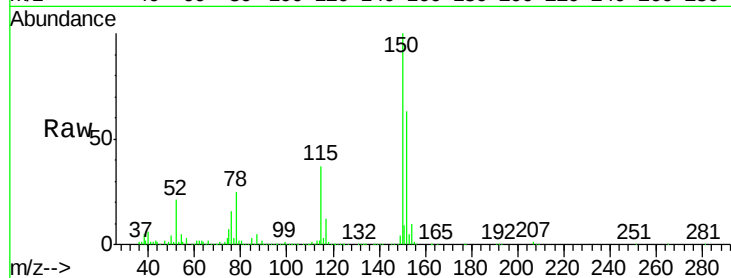
Tot Ion:152 Resp: 295807

Ion Ratio Lower Upper

152 100

115 57.2 29.9 89.7

150 158.0 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

