

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011728.D
 Acq On : 05 Aug 2019 23:24
 Operator : SY/VA
 Sample : K4162-04
 Misc : 6.14G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-2000050

Quant Time: Aug 06 08:45:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119714	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	138756	56.75	ug/l	0.00
Spiked Amount			Recovery	=	113.50%	
35) Dibromofluoromethane	7.88	113	108785	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	
50) Toluene-d8	10.32	98	434988	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.62	95	138013	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

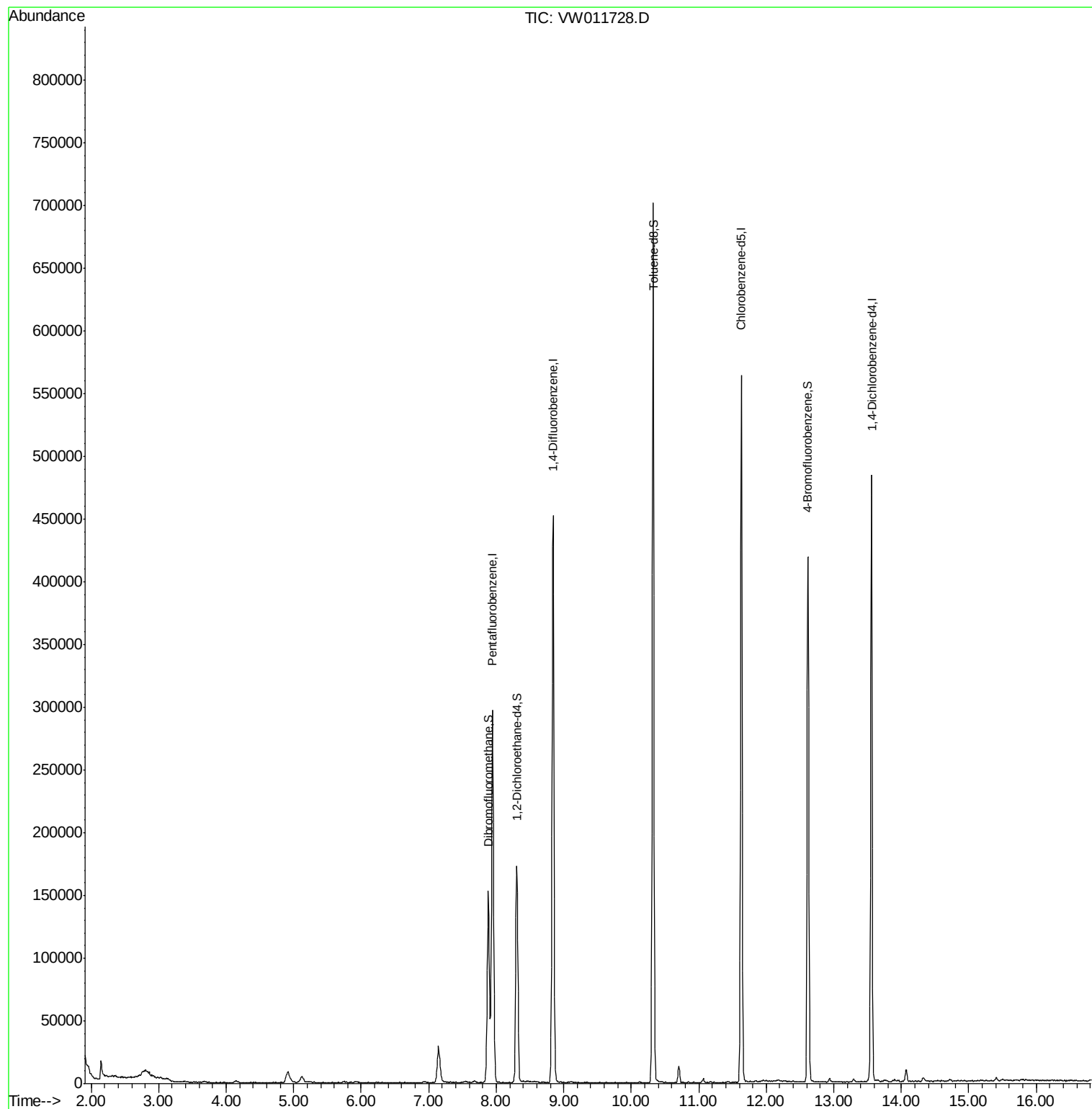
Target Compounds	Qvalue
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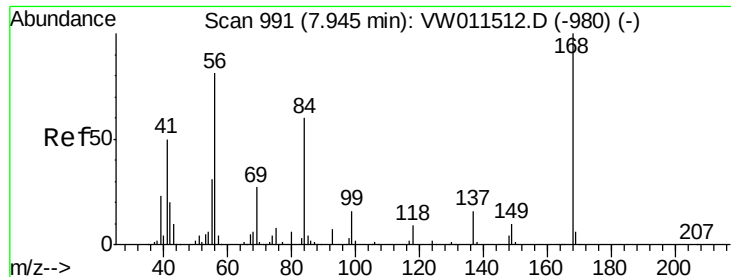
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011728.D

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Instrument :

MSVOA_W

ClientSampleId :

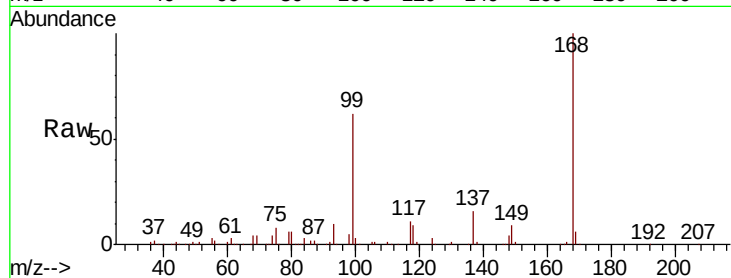
RBR-2000050

Tot Ion:168 Resp: 212921

Ion Ratio Lower Upper

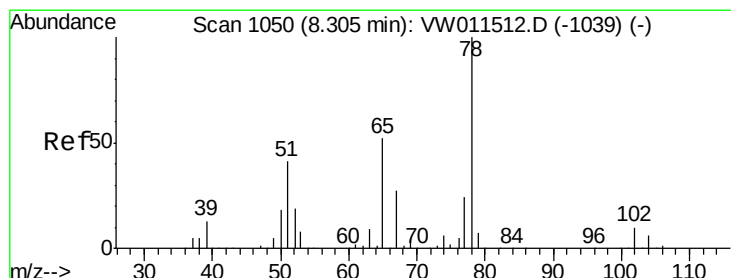
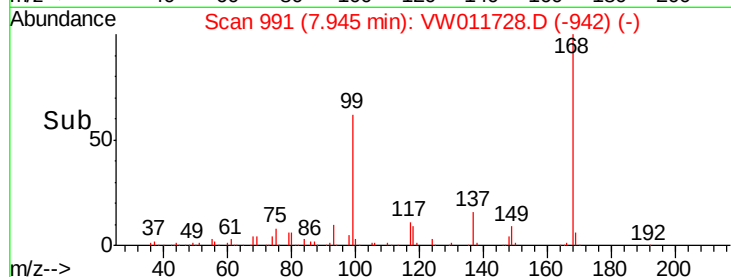
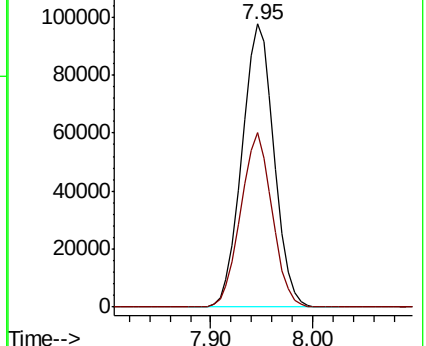
168 100

99 61.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 56.753 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011728.D

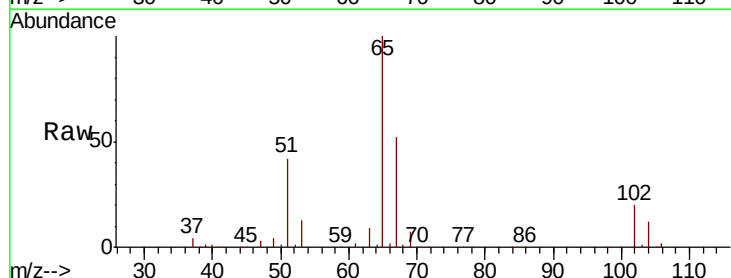
Acq: 05 Aug 2019 23:24

Tgt Ion: 65 Resp: 138756

Ion Ratio Lower Upper

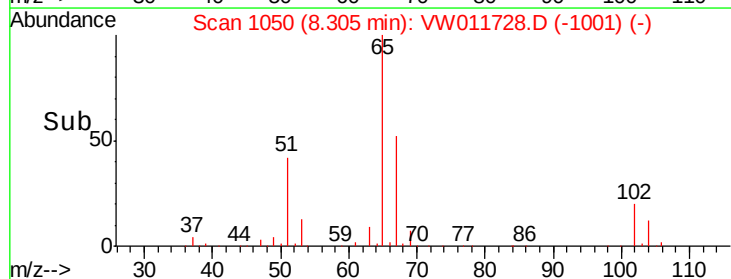
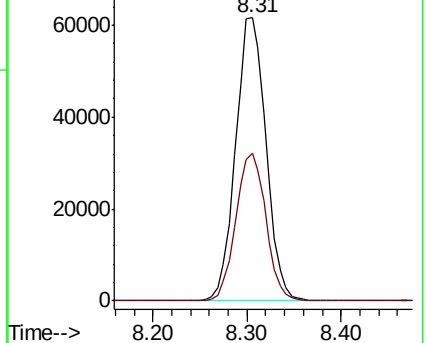
65 100

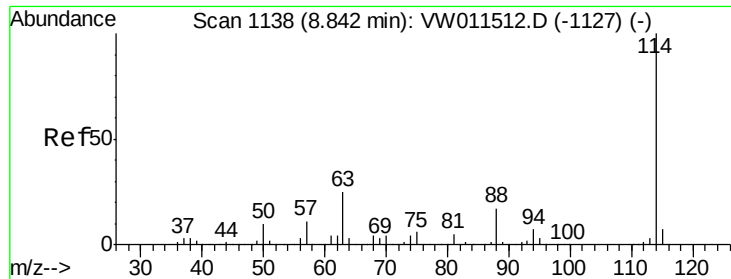
67 51.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

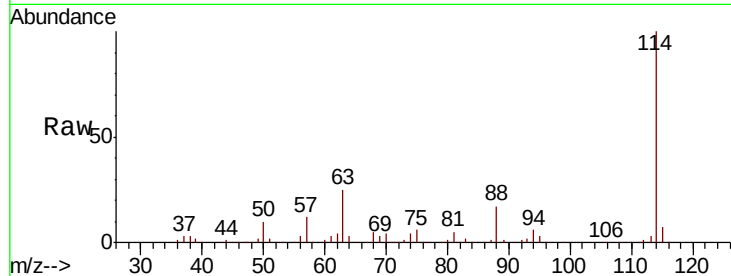




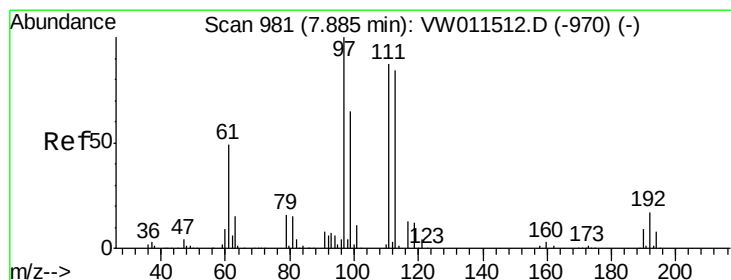
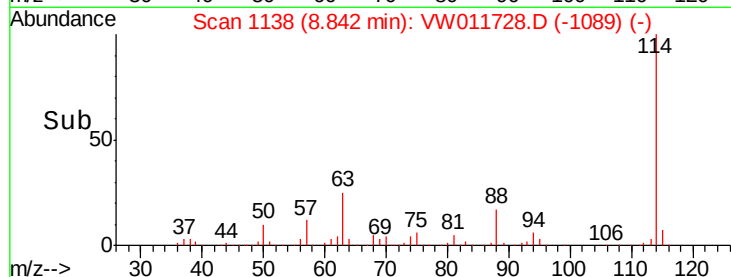
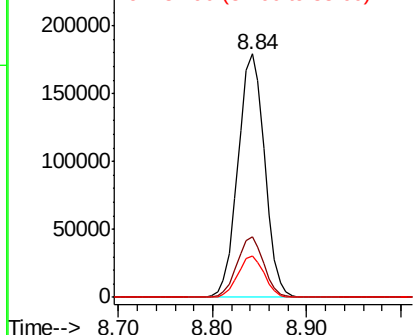
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011728.D
 Acq: 05 Aug 2019 23:24

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-2000050

Tot Ion:114 Resp: 354384
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.0 0.0 33.8

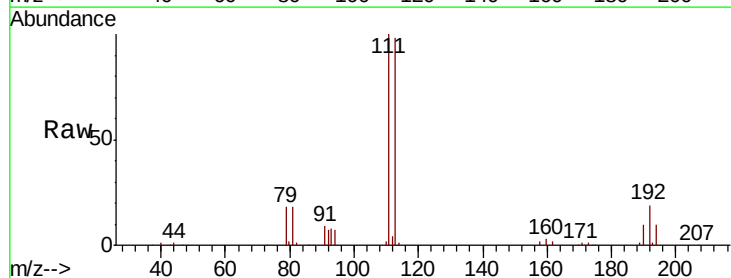


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

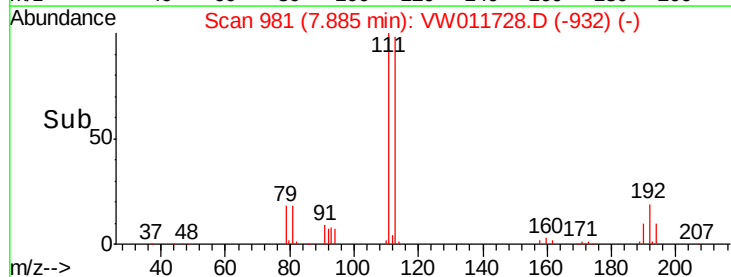
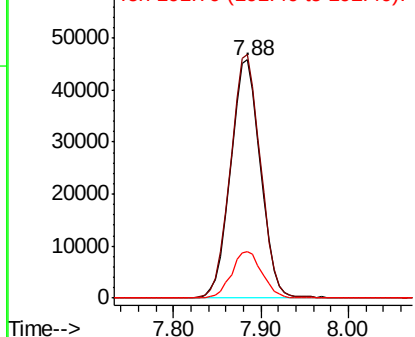


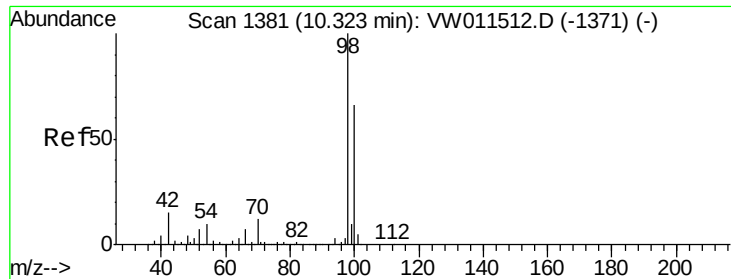
#35
 Dibromofluoromethane
 Concen: 54.717 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011728.D
 Acq: 05 Aug 2019 23:24

Tgt Ion:113 Resp: 108785
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.7 124.1
 192 20.0 16.1 24.1



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

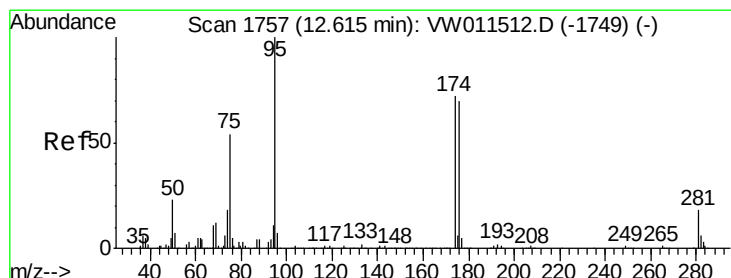
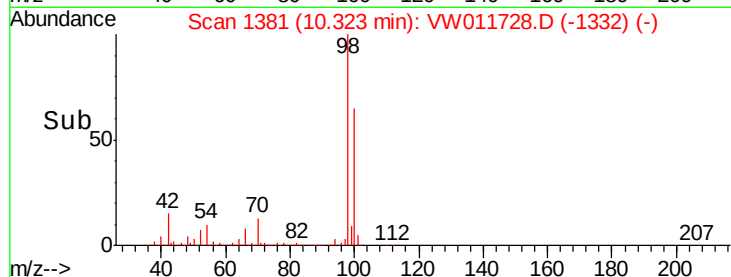
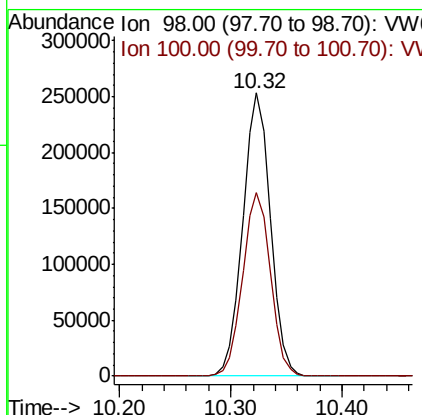
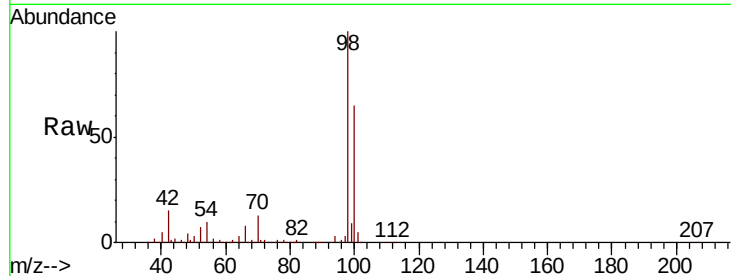




#50
Toluene-d8
Concen: 53.438 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011728.D
Acq: 05 Aug 2019 23:24

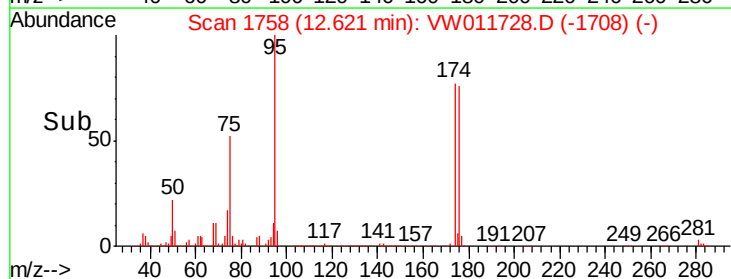
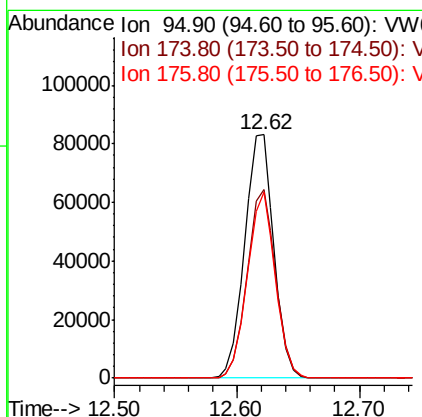
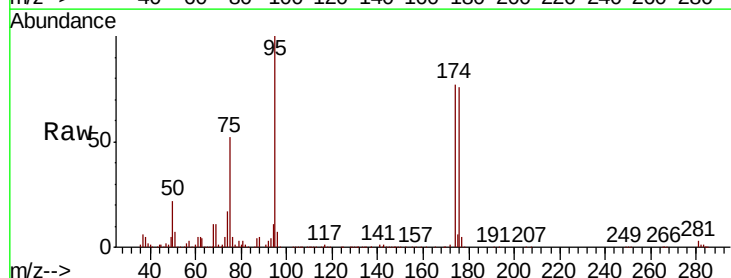
Instrument :
MSVOA_W
ClientSampleId :
RBR-2000050

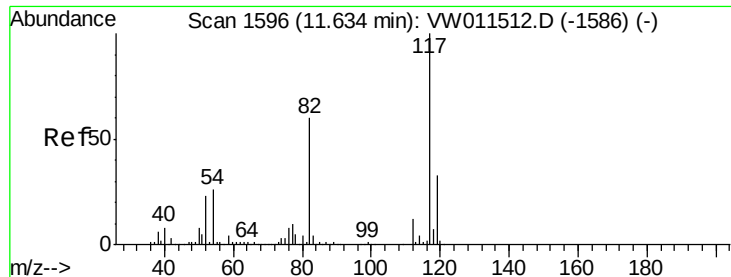
Tot Ion: 98 Resp: 434988
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 47.556 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011728.D
Acq: 05 Aug 2019 23:24

Tgt Ion: 95 Resp: 138013
Ion Ratio Lower Upper
95 100
174 76.1 0.0 150.2
176 73.1 0.0 144.4

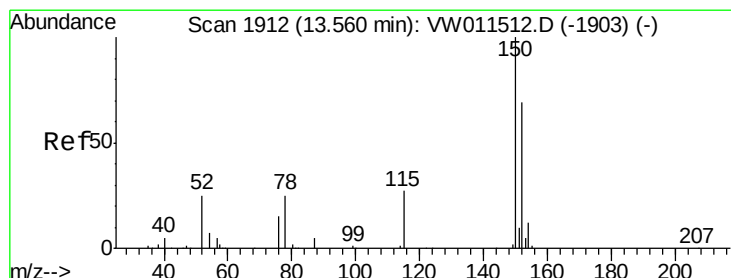
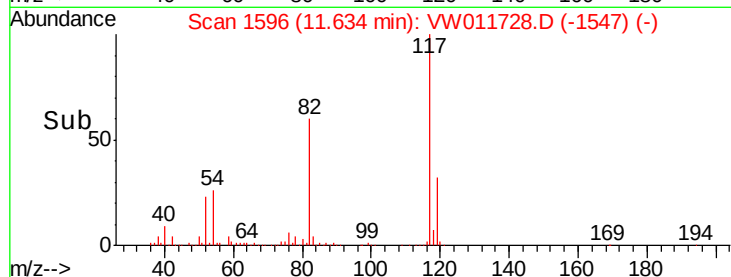
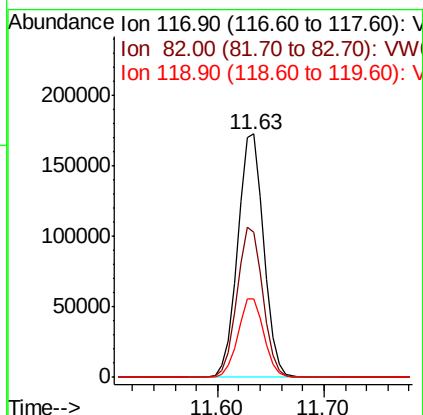
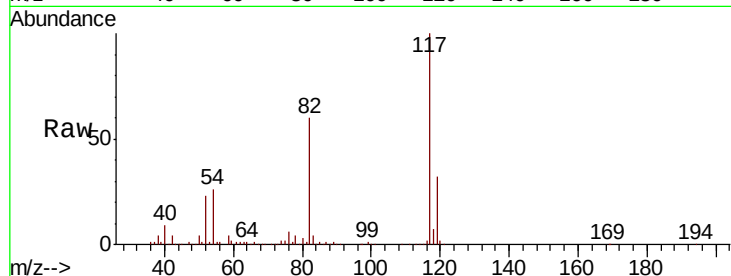




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011728.D
Acq: 05 Aug 2019 23:24

Instrument :
MSVOA_W
ClientSampleId :
RBR-2000050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.9	71.9
119	32.1	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011728.D
Acq: 05 Aug 2019 23:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.5	91.5
150	157.9	0.0	352.6

