

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063236.D
 Acq On : 30 Jul 2019 12:43
 Operator : VA/AP
 Sample : K4043-13
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-258-260

Quant Time: Jul 31 05:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	19920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	29723	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	20639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	9321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	14415	65.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.44%	
35) Dibromofluoromethane	6.91	113	9490	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.80%	
50) Toluene-d8	10.41	98	21440	37.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.50%	
62) 4-Bromofluorobenzene	13.55	95	9276	35.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.68%	

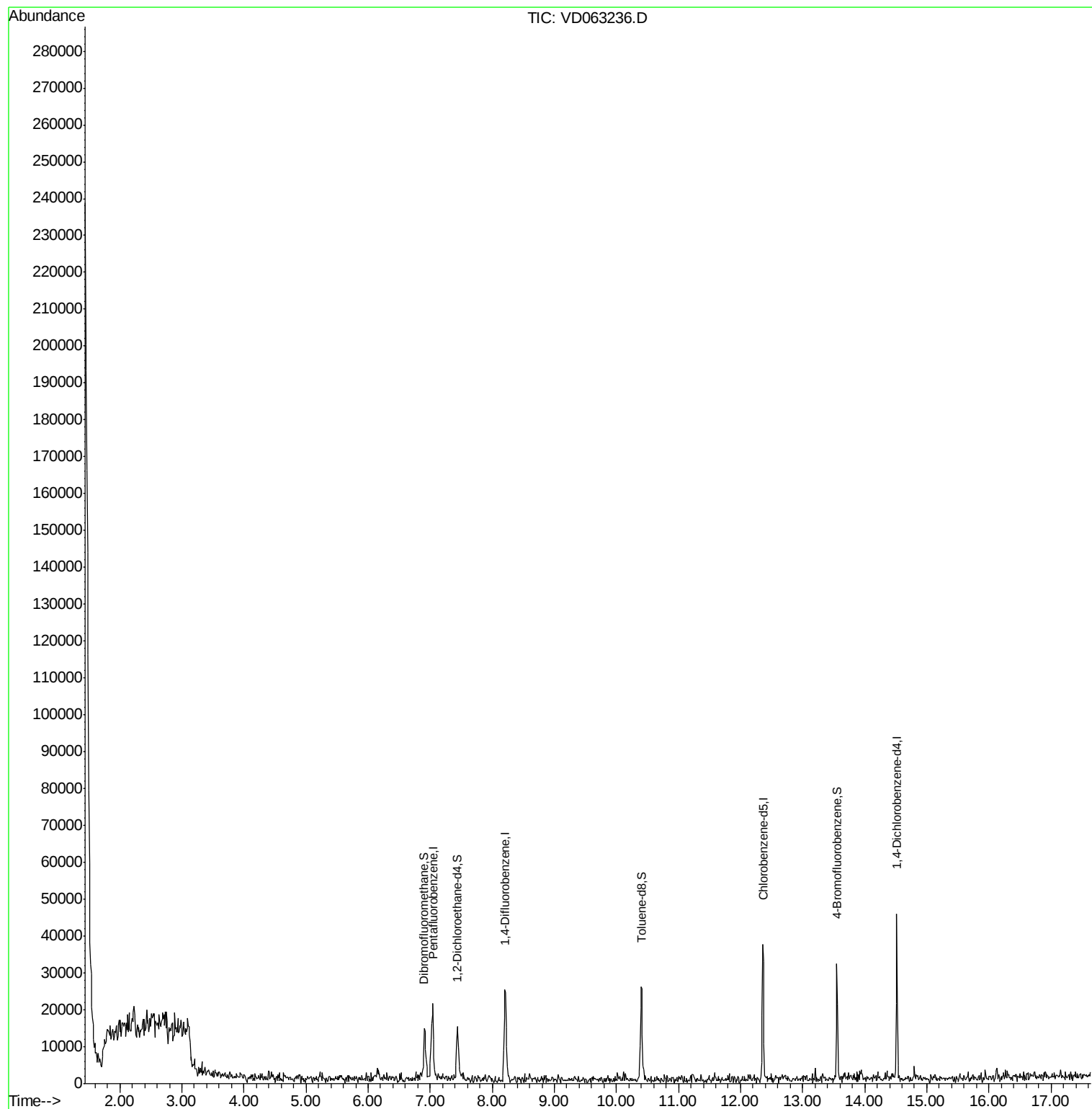
Target Compounds Qvalue

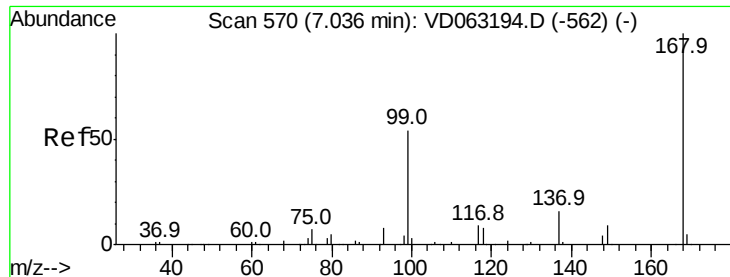
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063236.D

Acq: 30 Jul 2019 12:43

Instrument :

MSVOA_D

ClientSampleId :

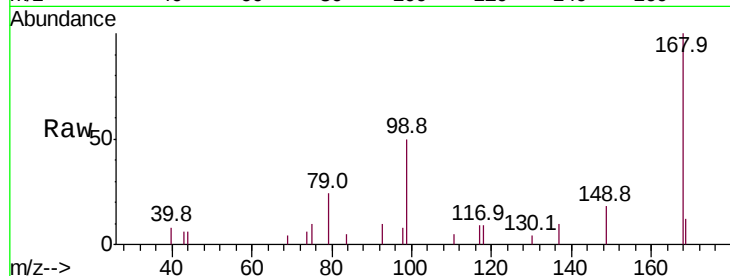
BP-VPB203-GW-258-260

Tot Ion:168 Resp: 19920

Ion Ratio Lower Upper

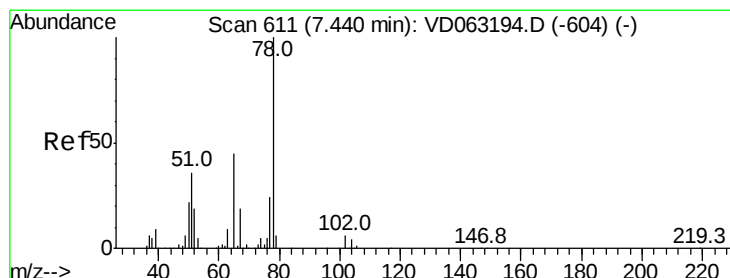
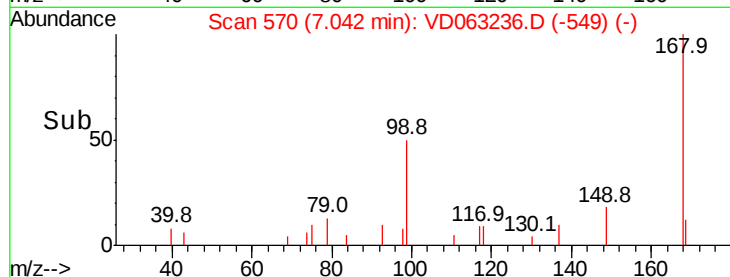
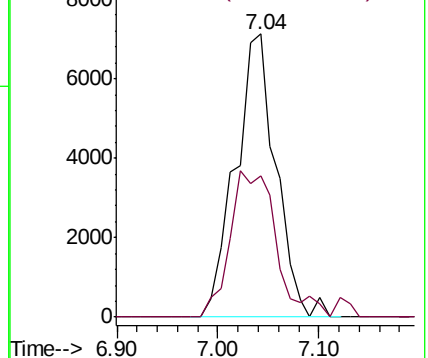
168 100

99 49.9 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 65.217 ug/l

RT: 7.44 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD063236.D

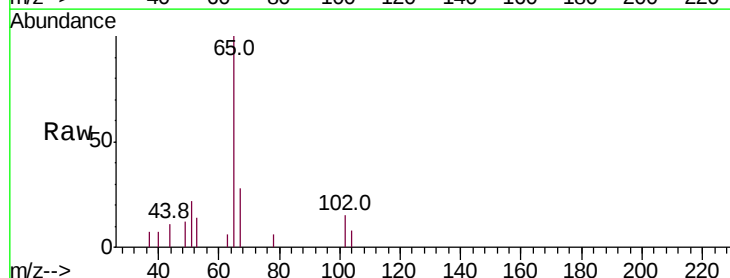
Acq: 30 Jul 2019 12:43

Tgt Ion: 65 Resp: 14415

Ion Ratio Lower Upper

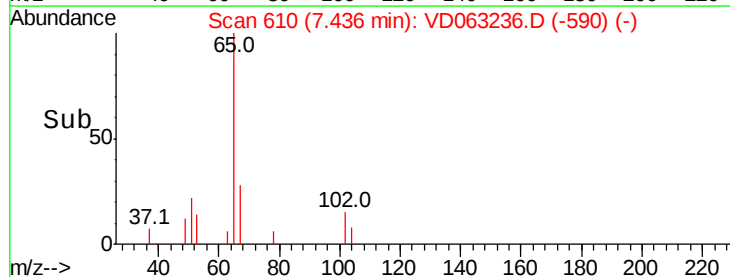
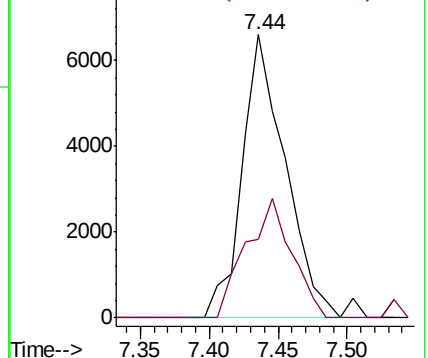
65 100

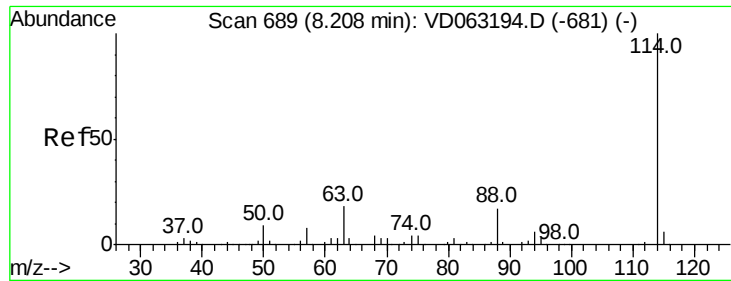
67 27.7 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

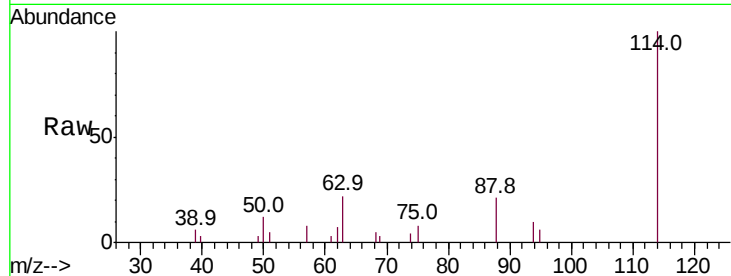




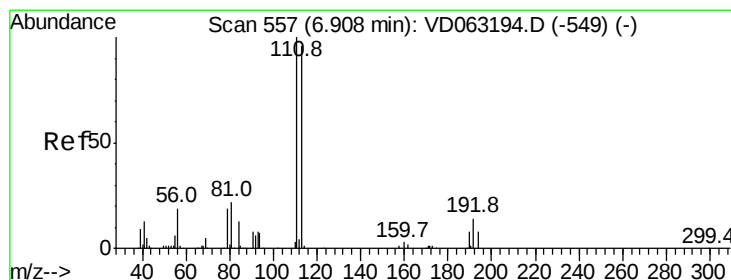
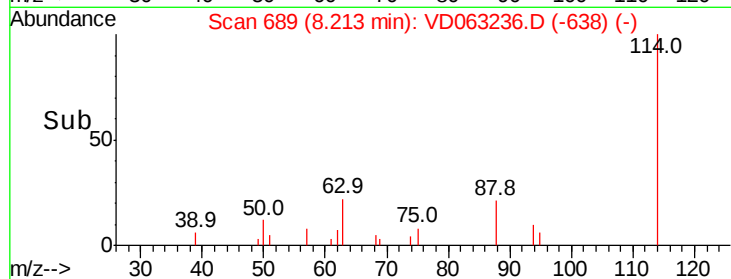
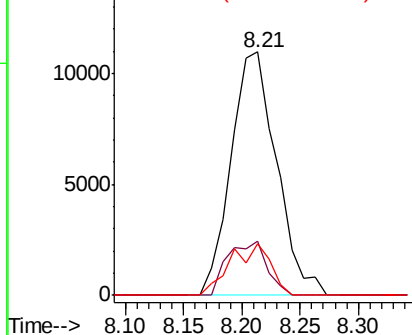
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063236.D
 Acq: 30 Jul 2019 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-258-260

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	35.2
88	21.4	0.0	34.6

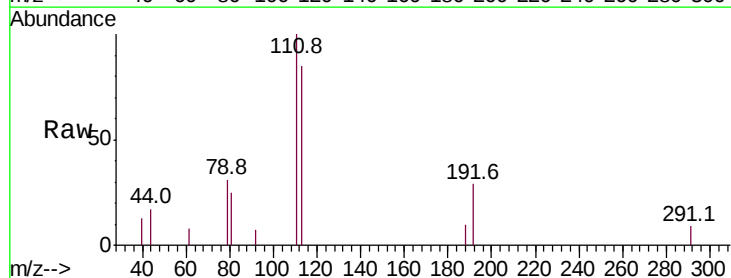


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

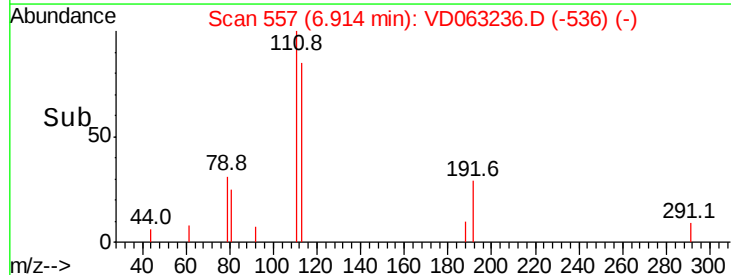
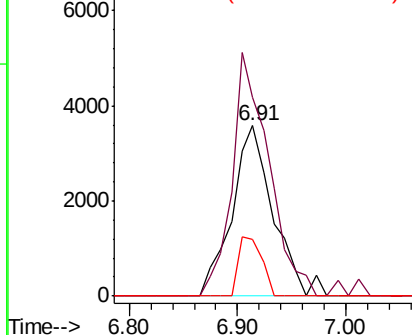


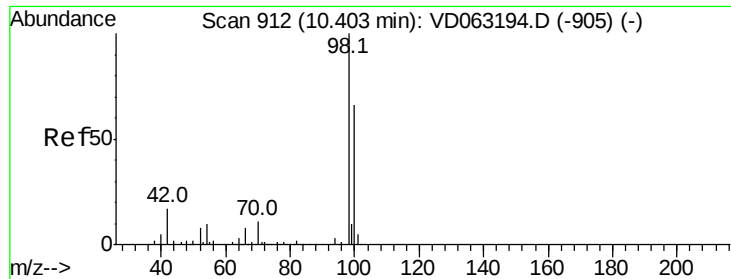
#35
 Dibromofluoromethane
 Concen: 37.396 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD063236.D
 Acq: 30 Jul 2019 12:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	117.2	83.2	124.8
192	33.6	11.8	17.8#



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

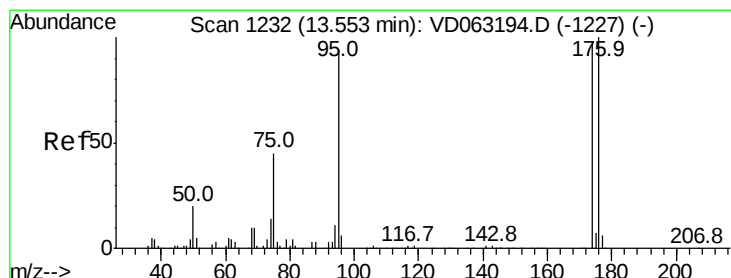
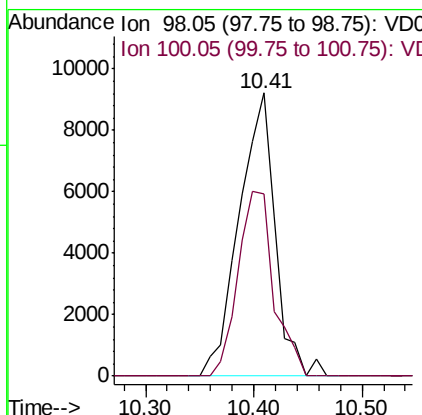
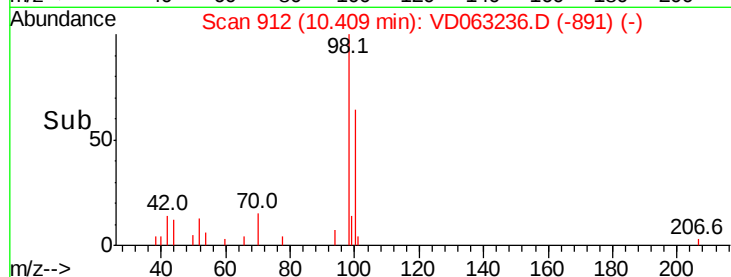
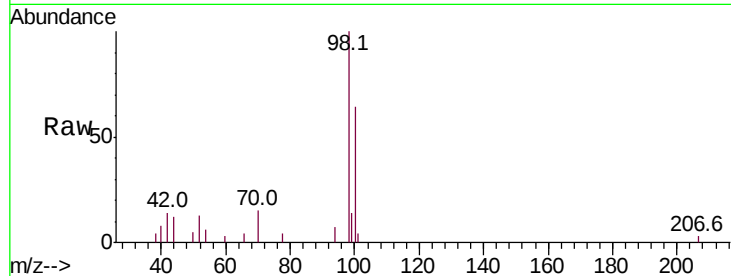




#50
Toluene-d8
Concen: 37.751 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063236.D
Acq: 30 Jul 2019 12:43

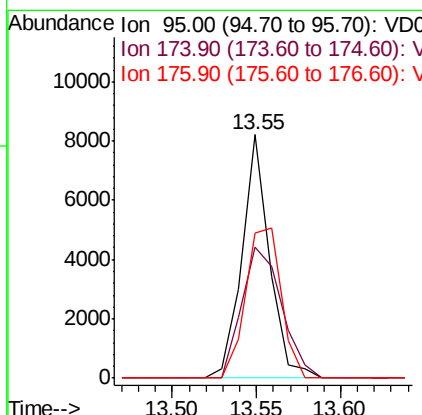
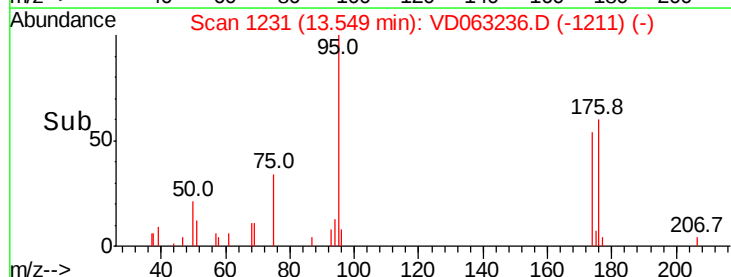
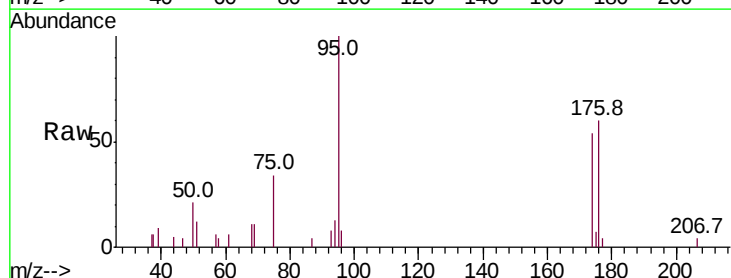
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

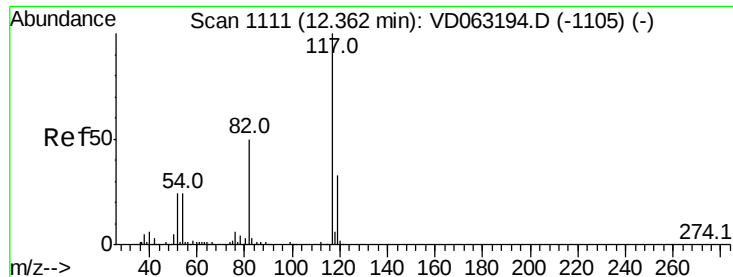
Tot Ion: 98 Resp: 21440
Ion Ratio Lower Upper
98 100
100 64.2 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 35.841 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063236.D
Acq: 30 Jul 2019 12:43

Tgt Ion: 95 Resp: 9276
Ion Ratio Lower Upper
95 100
174 53.8 0.0 205.4
176 59.6 0.0 211.8

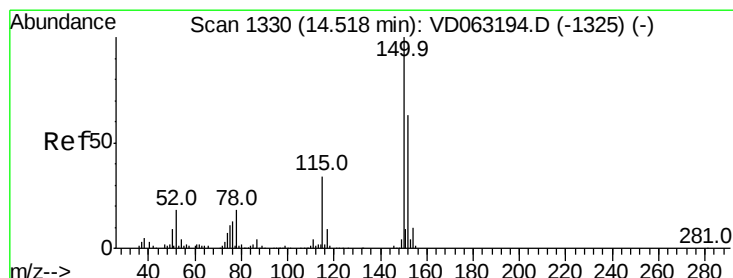
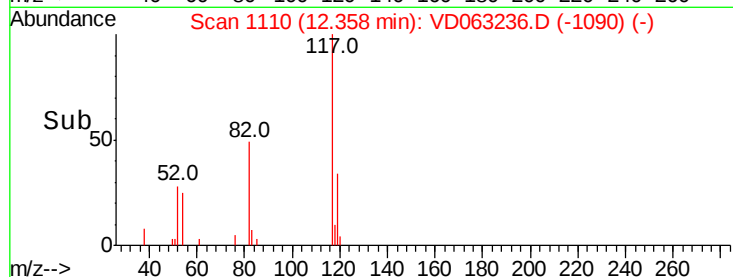
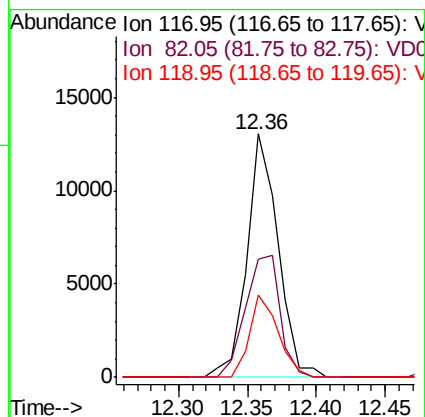
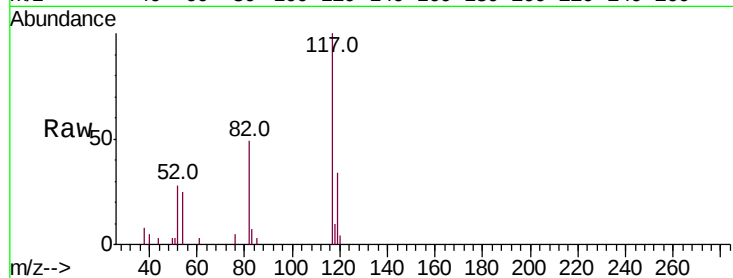




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063236.D
Acq: 30 Jul 2019 12:43

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

Tot Ion:117 Resp: 20639
Ion Ratio Lower Upper
117 100
82 48.7 40.1 60.1
119 33.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063236.D
Acq: 30 Jul 2019 12:43

Tgt Ion:152 Resp: 9321
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.4
150 165.1 0.0 320.6

