

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063239.D
 Acq On : 30 Jul 2019 14:04
 Operator : VA/AP
 Sample : K4043-13
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 31 06:27:56 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	33308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	48362	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	42024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	17129	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	25993	70.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.66%	
35) Dibromofluoromethane	6.91	113	21202	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.40	98	33594	36.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.70%	
62) 4-Bromofluorobenzene	13.55	95	15176	36.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.08%	

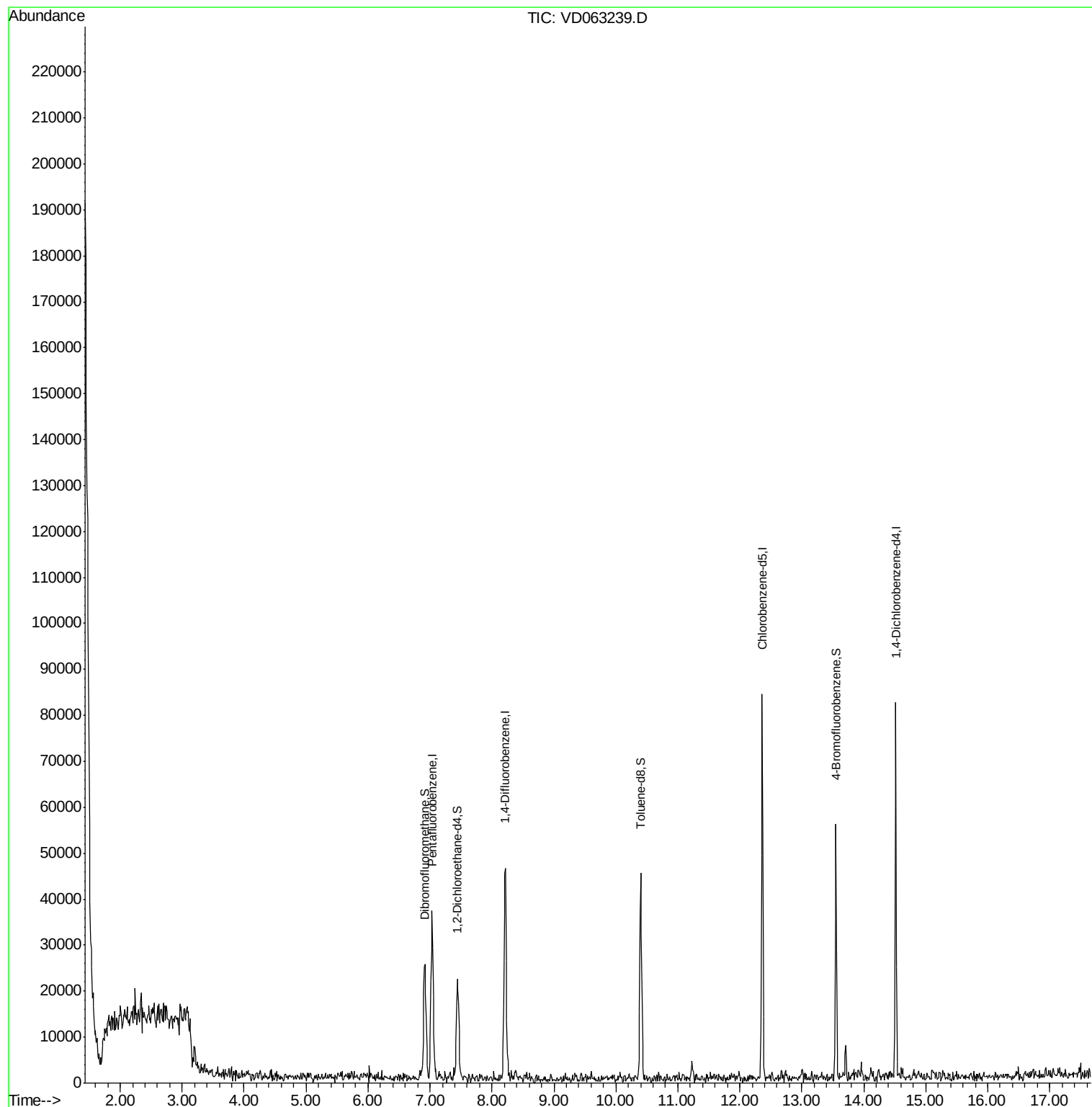
Target Compounds	Qvalue

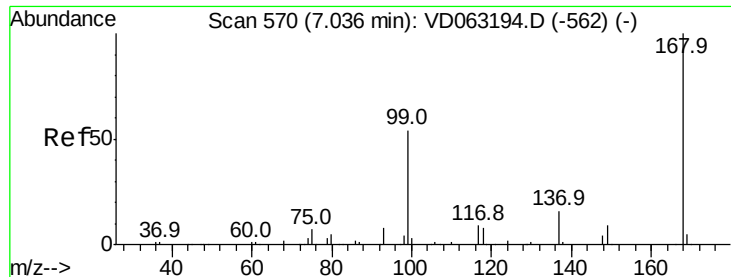
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.00 min

Lab File: VD063239.D

Acq: 30 Jul 2019 14:04

Instrument :

MSVOA_D

ClientSampleId :

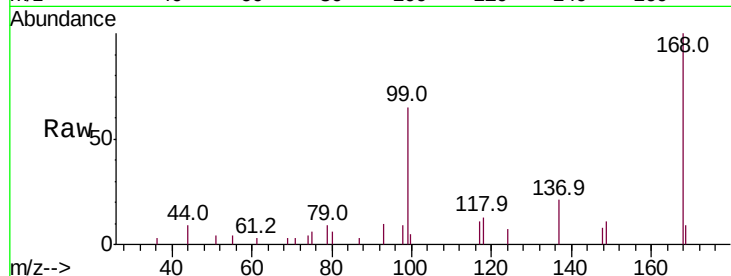
BP-VPB203-GW-258-260

Tot Ion:168 Resp: 33308

Ion Ratio Lower Upper

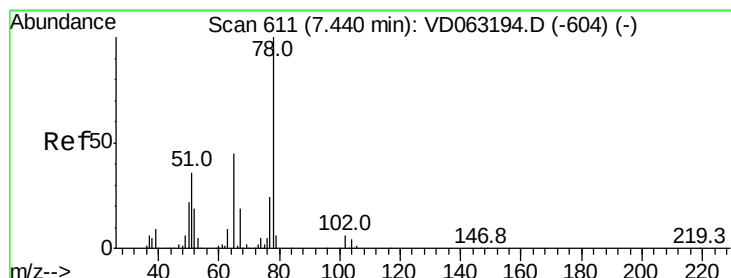
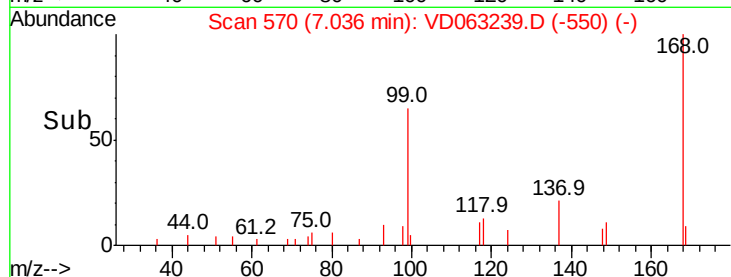
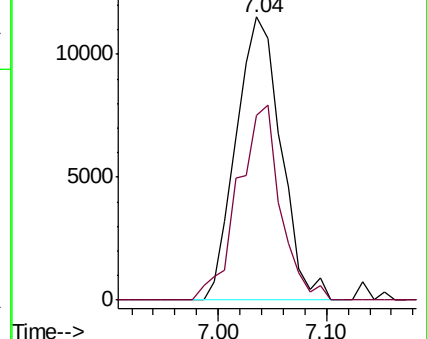
168 100

99 70.1 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: 70.330 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063239.D

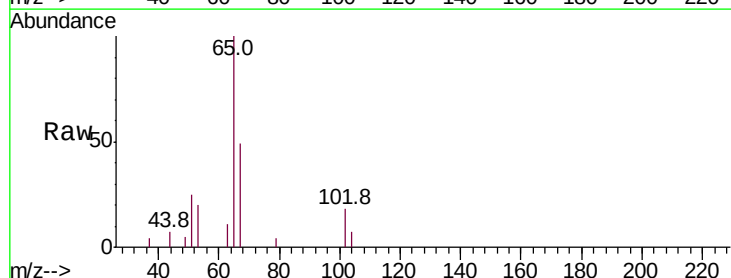
Acq: 30 Jul 2019 14:04

Tgt Ion: 65 Resp: 25993

Ion Ratio Lower Upper

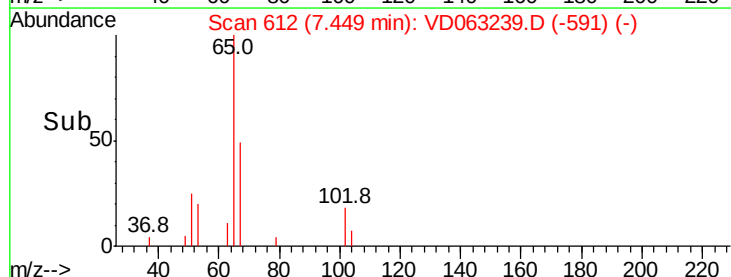
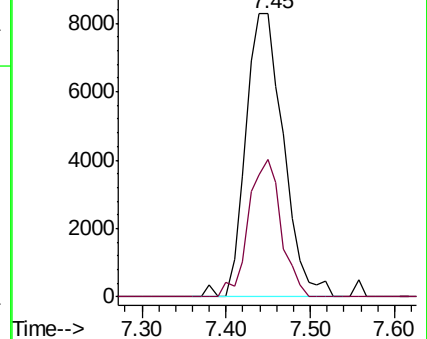
65 100

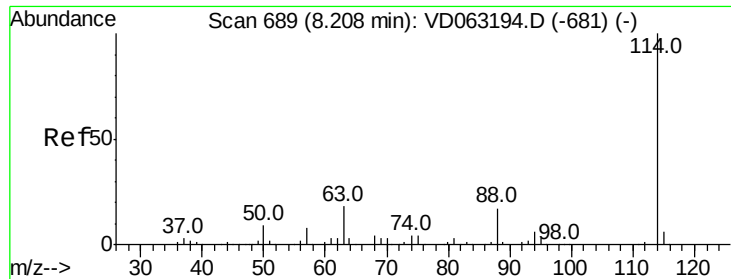
67 48.8 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

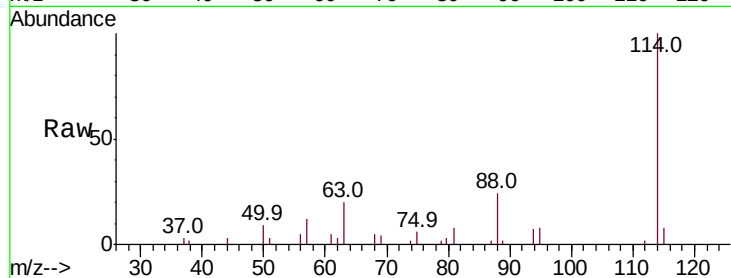




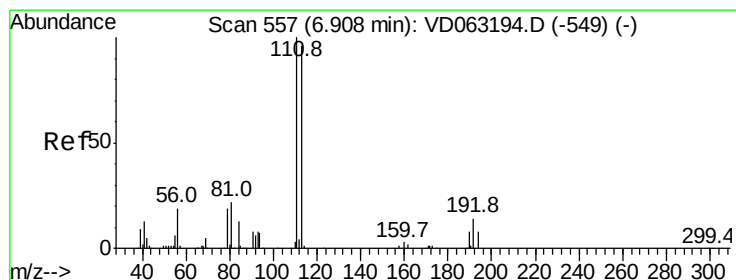
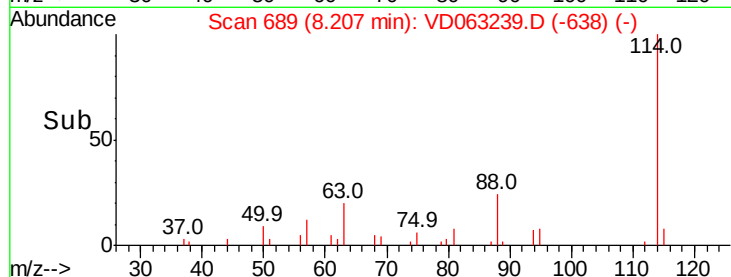
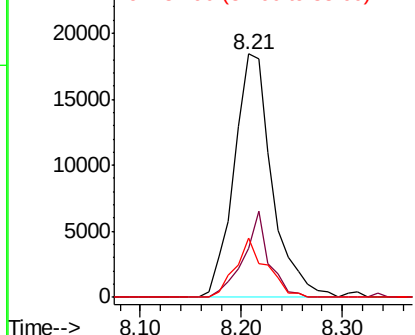
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063239.D
 Acq: 30 Jul 2019 14:04

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

Tot Ion:114 Resp: 48362
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 35.2
 88 24.2 0.0 34.6

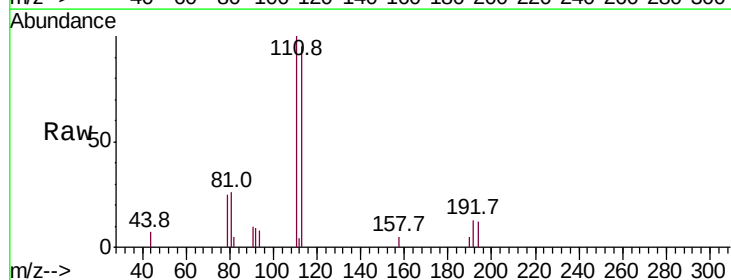


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

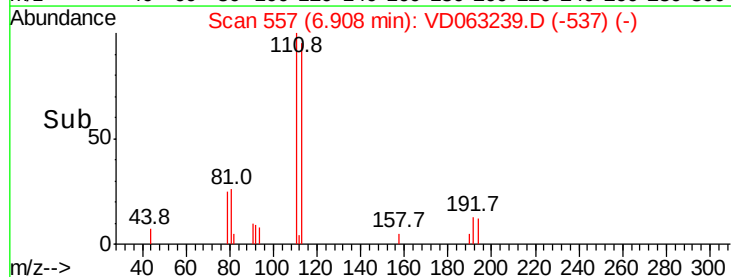
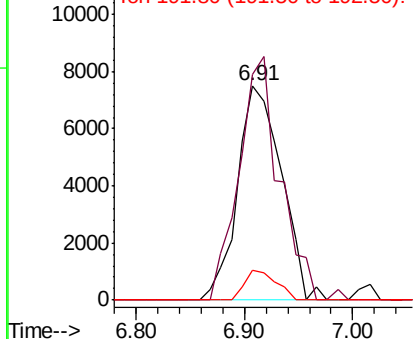


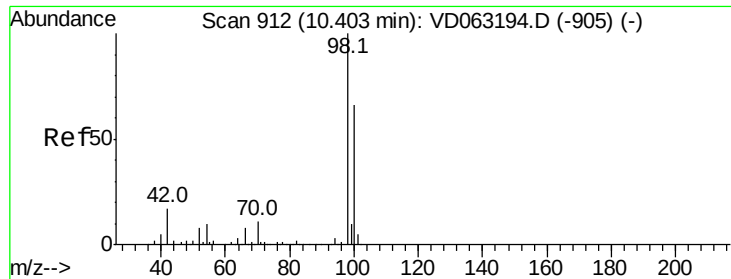
#35
 Dibromofluoromethane
 Concen: 51.348 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063239.D
 Acq: 30 Jul 2019 14:04

Tgt Ion:113 Resp: 21202
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.2 124.8
 192 14.0 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

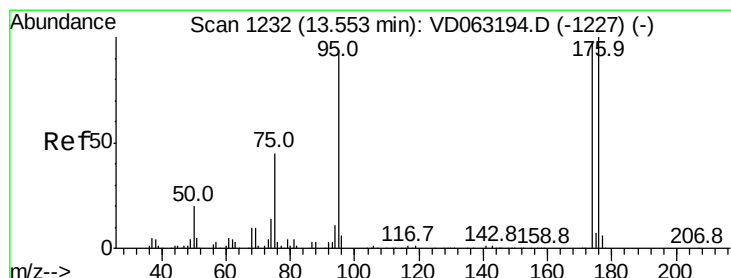
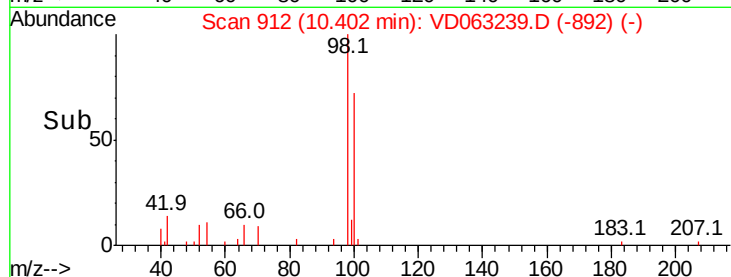
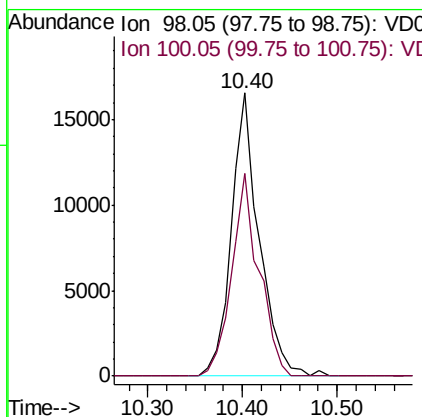
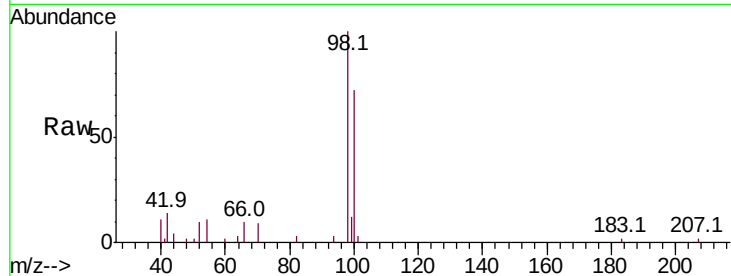




#50
Toluene-d8
Concen: 36.354 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.00 min
Lab File: VD063239.D
Acq: 30 Jul 2019 14:04

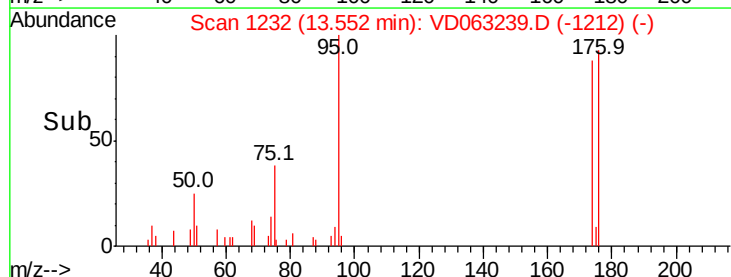
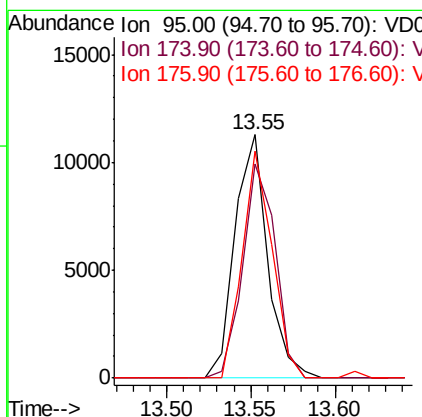
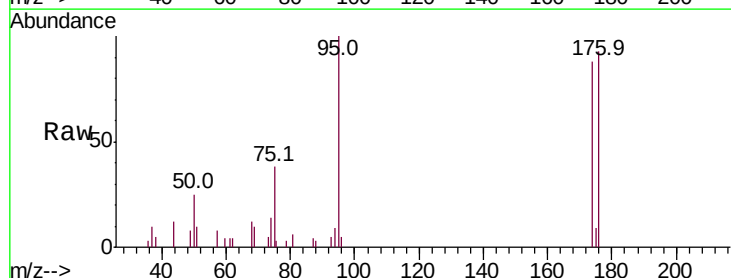
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

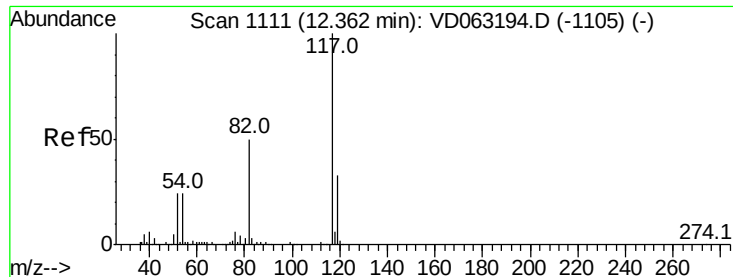
Tot Ion: 98 Resp: 33594
Ion Ratio Lower Upper
98 100
100 71.6 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 36.039 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063239.D
Acq: 30 Jul 2019 14:04

Tgt Ion: 95 Resp: 15176
Ion Ratio Lower Upper
95 100
174 87.9 0.0 205.4
176 93.1 0.0 211.8

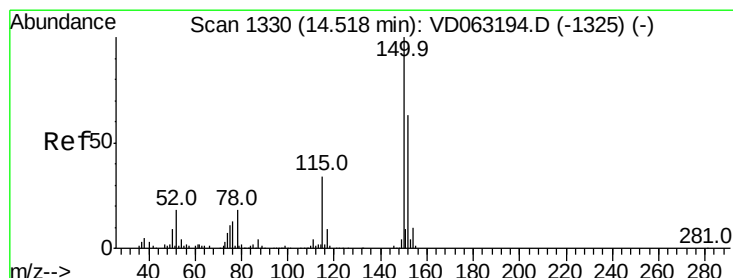
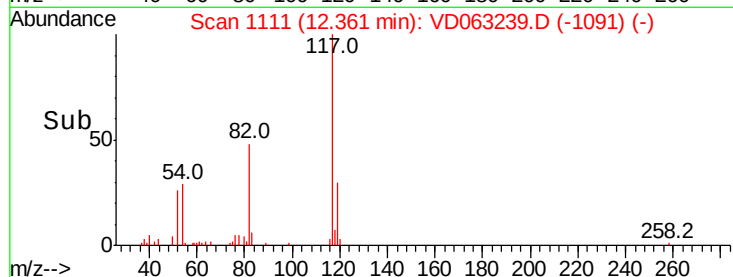
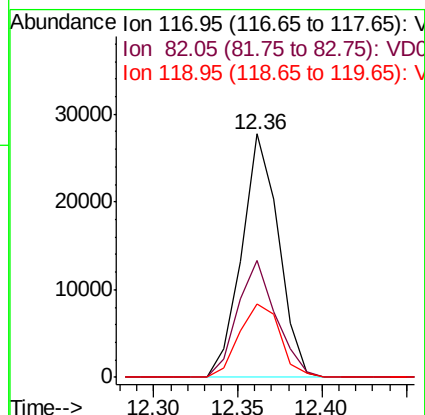
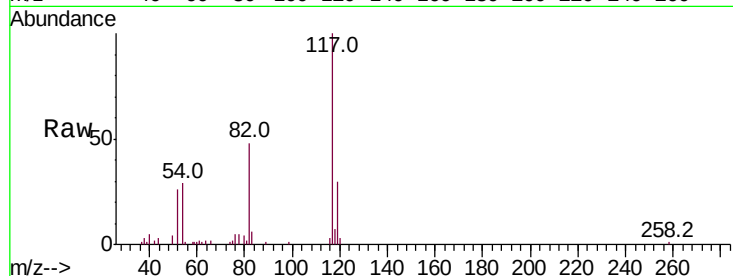




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063239.D
Acq: 30 Jul 2019 14:04

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

Tot Ion:117 Resp: 42024
Ion Ratio Lower Upper
117 100
82 47.9 40.1 60.1
119 30.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063239.D
Acq: 30 Jul 2019 14:04

Tgt Ion:152 Resp: 17129
Ion Ratio Lower Upper
152 100
115 43.7 27.5 82.4
150 149.1 0.0 320.6

