

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063240.D
 Acq On : 30 Jul 2019 14:31
 Operator : VA/AP
 Sample : K4043-14
 Misc : 5.07g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-298-300

Quant Time: Jul 31 06:29:41 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

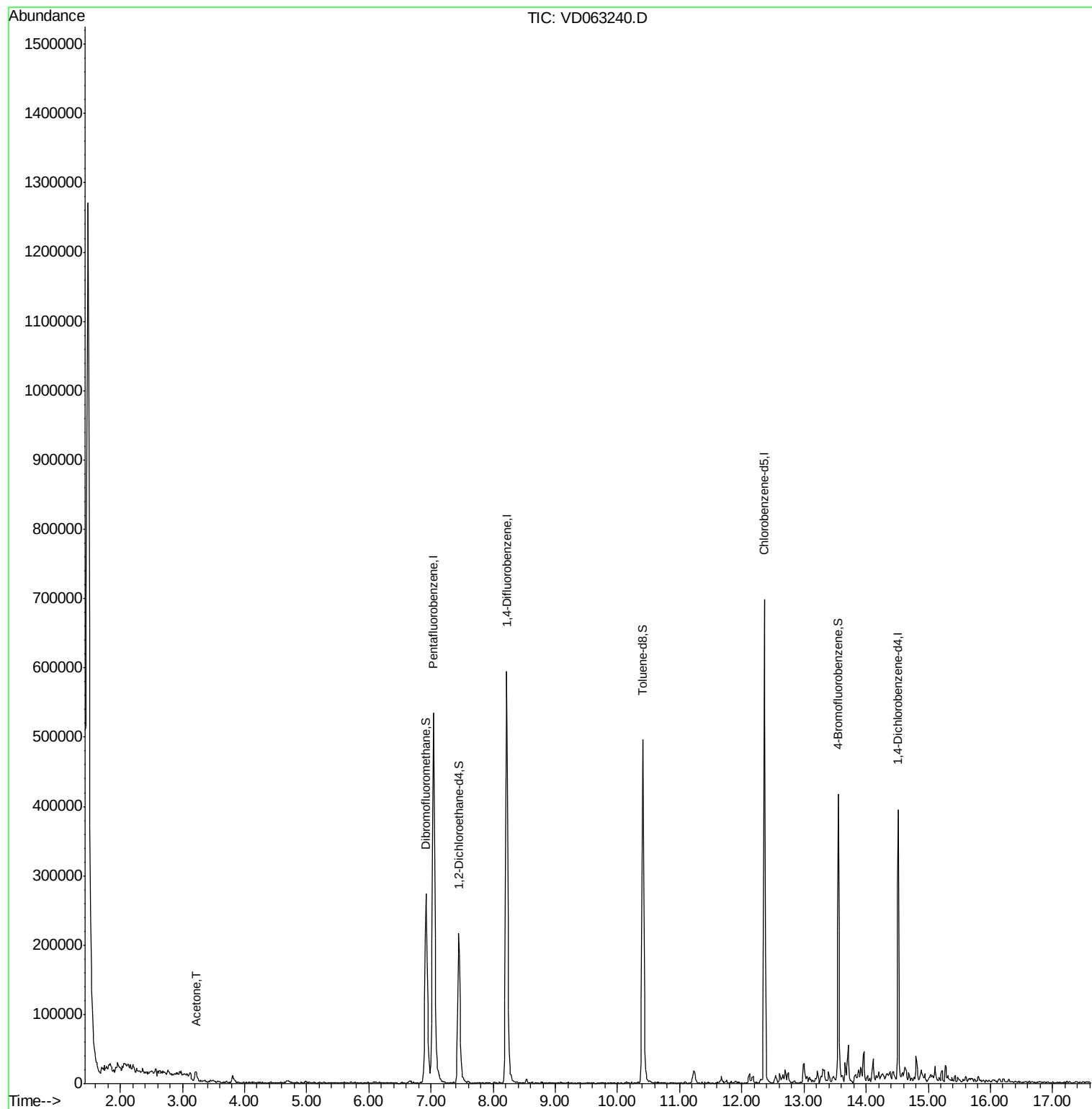
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	521964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	640773	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	358844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	79867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	246650	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.18%	
35) Dibromofluoromethane	6.92	113	239111	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
50) Toluene-d8	10.40	98	413994	33.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.62%	
62) 4-Bromofluorobenzene	13.55	95	99839	17.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.78%	
Target Compounds						
16) Acetone	3.22	43	27684	24.533	ug/l #	Qvalue 90

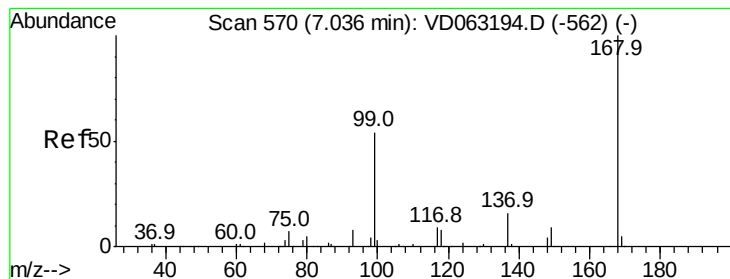
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073019\
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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063240.D

Acq: 30 Jul 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

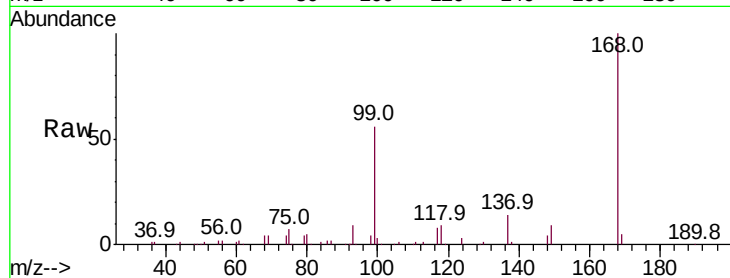
BP-VPB203-GW-298-300

Tot Ion:168 Resp: 521964

Ion Ratio Lower Upper

168 100

99 56.4 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

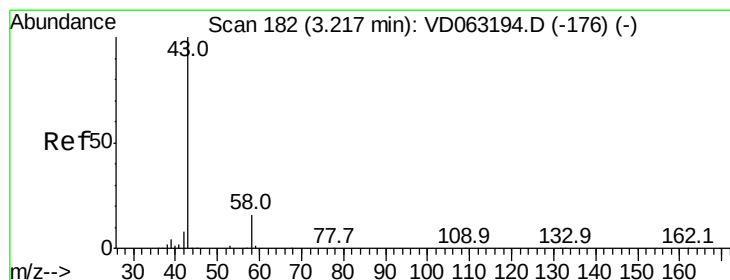
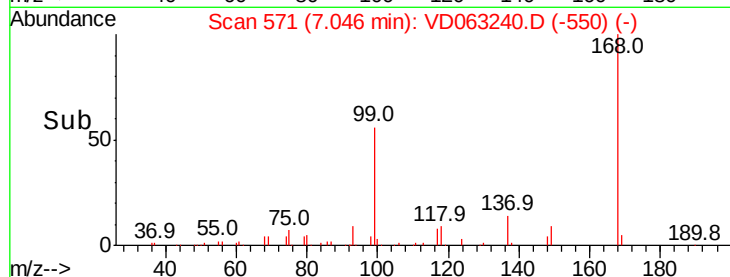
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 24.533 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD063240.D

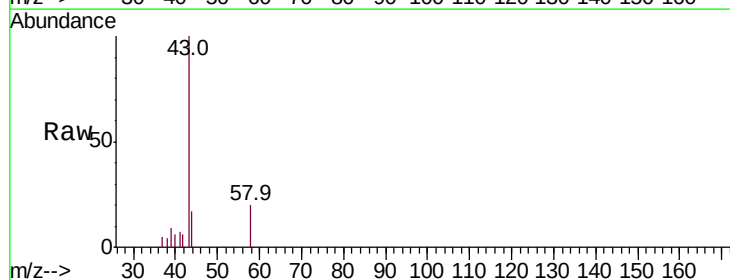
Acq: 30 Jul 2019 14:31

Tgt Ion: 43 Resp: 27684

Ion Ratio Lower Upper

43 100

58 20.4 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

12000

10000

8000

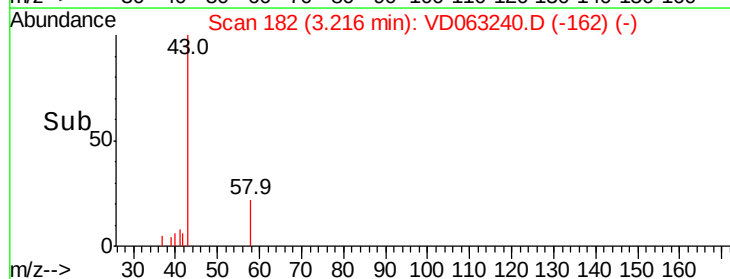
6000

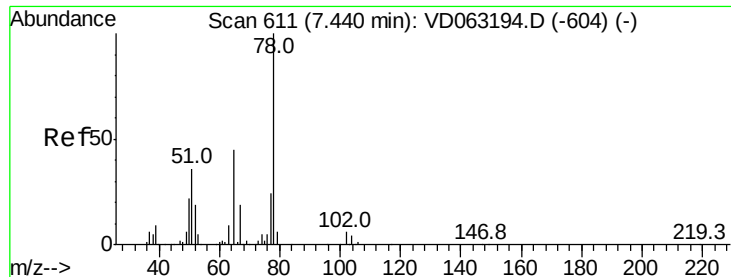
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 42.587 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063240.D

Acq: 30 Jul 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

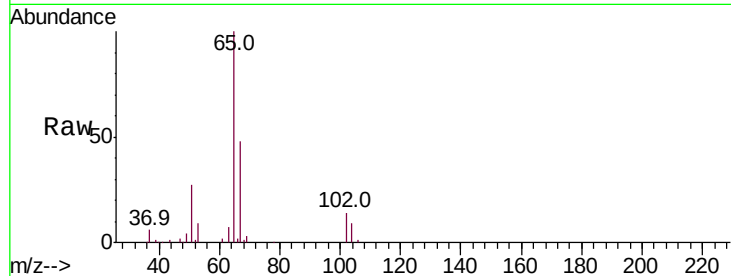
BP-VPB203-GW-298-300

Tot Ion: 65 Resp: 246650

Ion Ratio Lower Upper

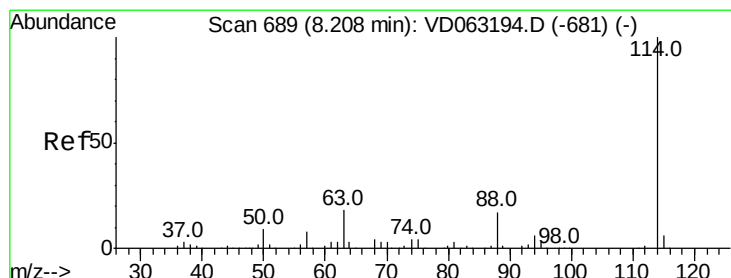
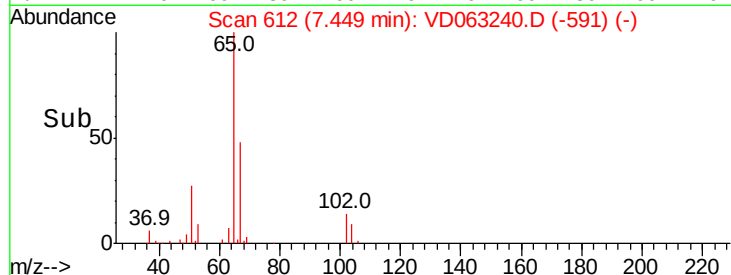
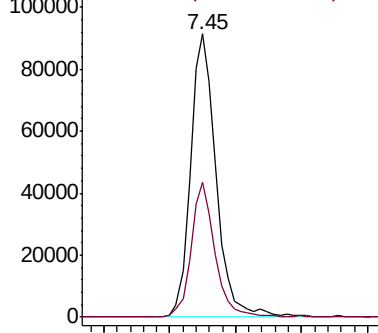
65 100

67 47.9 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: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063240.D

Acq: 30 Jul 2019 14:31

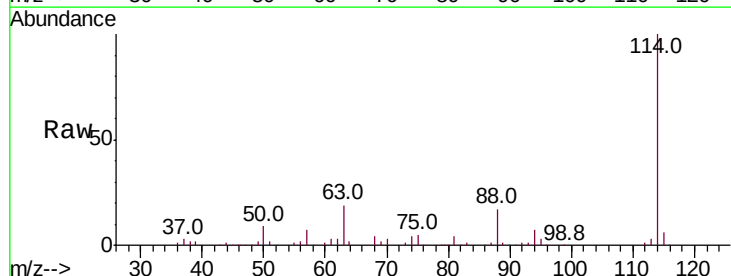
Tgt Ion: 114 Resp: 640773

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.2

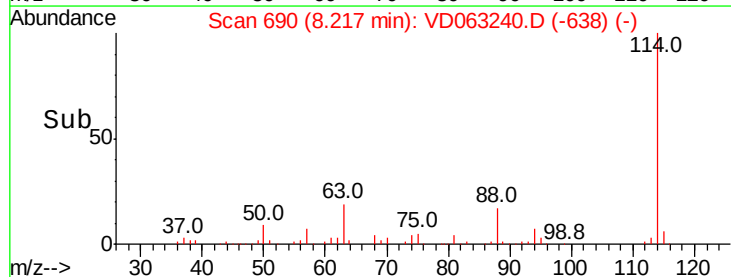
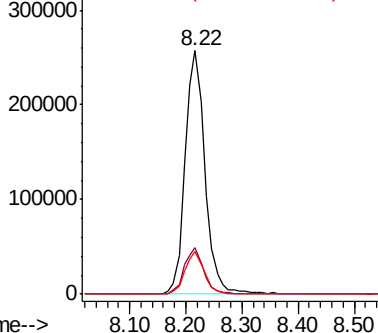
88 17.4 0.0 34.6

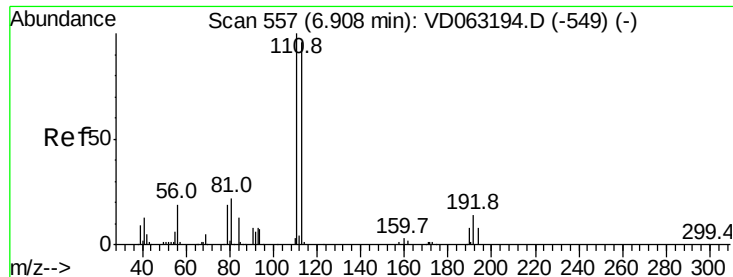


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 43.706 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063240.D

Acq: 30 Jul 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-298-300

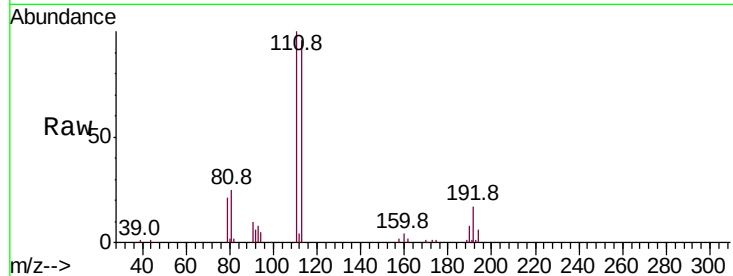
Tot Ion:113 Resp: 239111

Ion Ratio Lower Upper

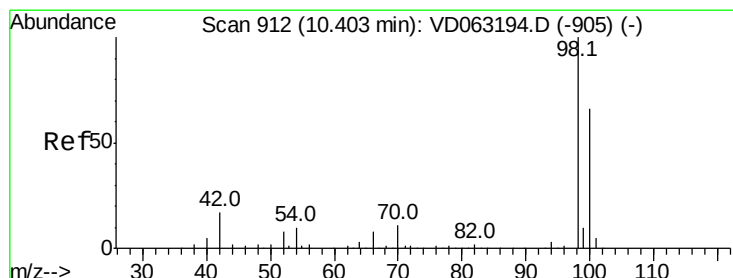
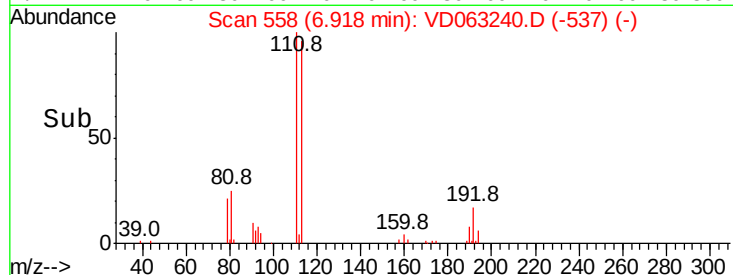
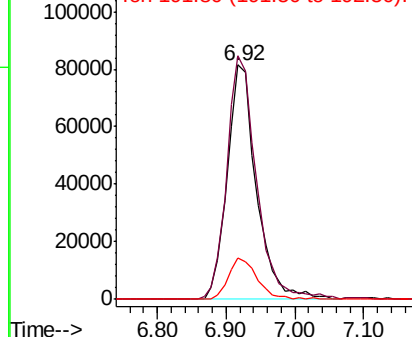
113 100

111 104.0 83.2 124.8

192 17.8 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: 33.813 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.00 min

Lab File: VD063240.D

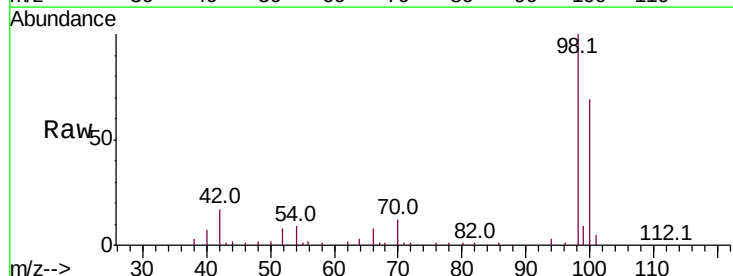
Acq: 30 Jul 2019 14:31

Tgt Ion: 98 Resp: 413994

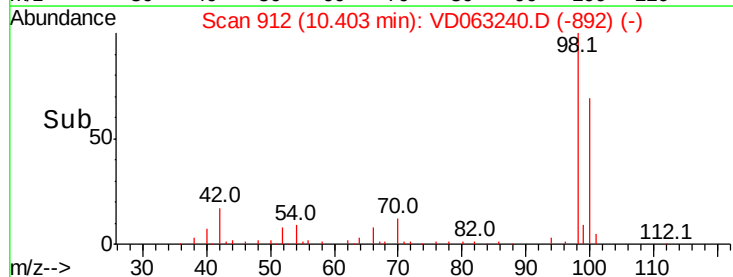
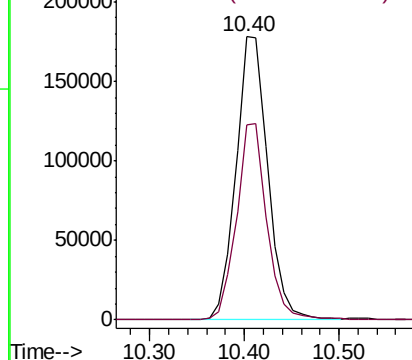
Ion Ratio Lower Upper

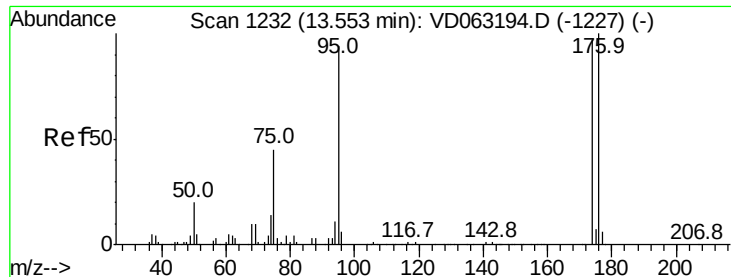
98 100

100 68.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V

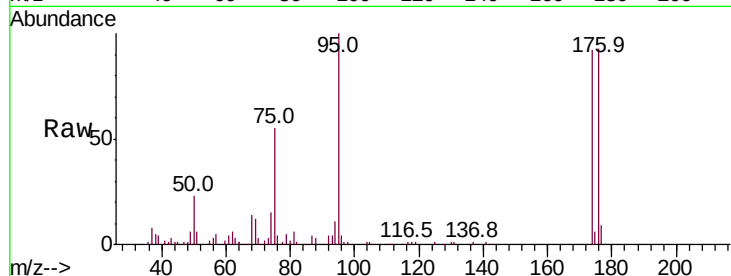




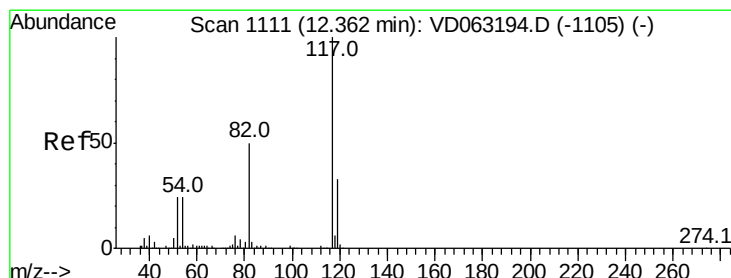
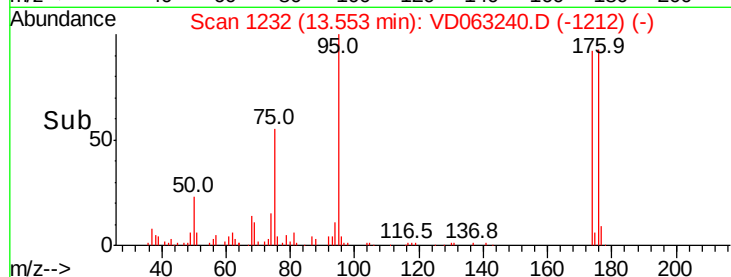
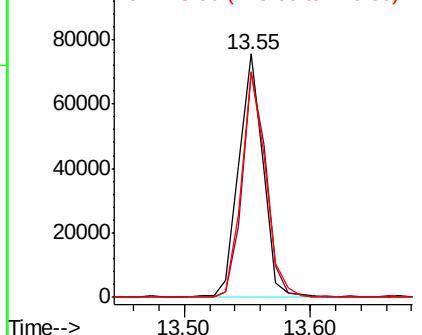
#62
4-Bromofluorobenzene
Concen: 17.894 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063240.D
Acq: 30 Jul 2019 14:31

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-298-300

Tot Ion: 95 Resp: 99839
Ion Ratio Lower Upper
95 100
174 92.1 0.0 205.4
176 92.9 0.0 211.8

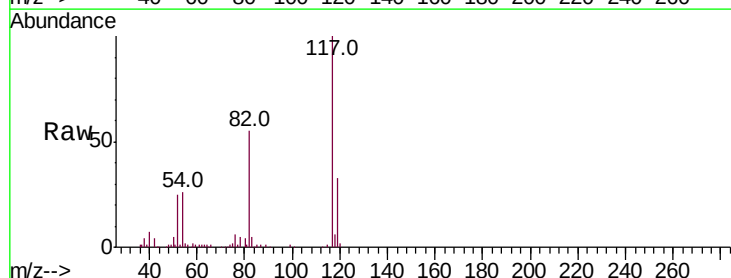


Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

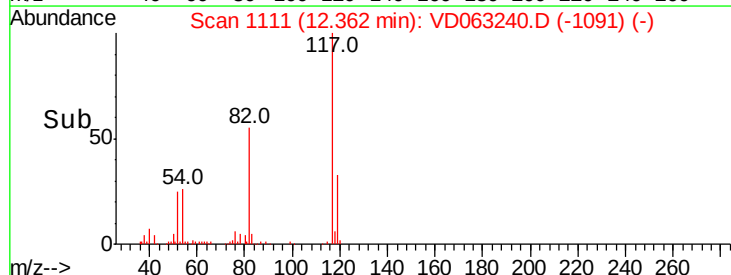
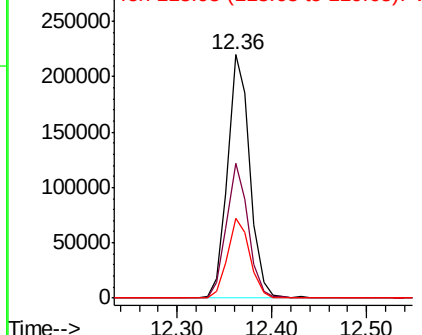


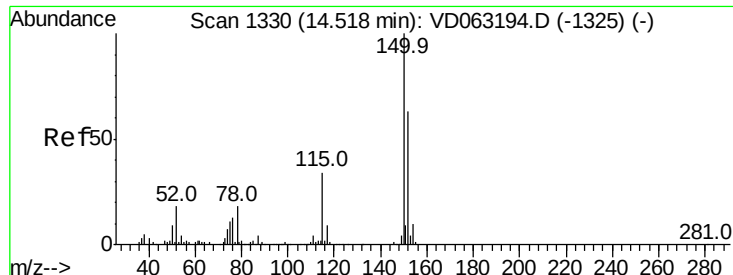
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063240.D
Acq: 30 Jul 2019 14:31

Tgt Ion: 117 Resp: 358844
Ion Ratio Lower Upper
117 100
82 55.1 40.1 60.1
119 32.8 26.5 39.7



Abundance Ion 116.95 (116.65 to 117.65): VDC
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063240.D

Acq: 30 Jul 2019 14:31

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-298-300

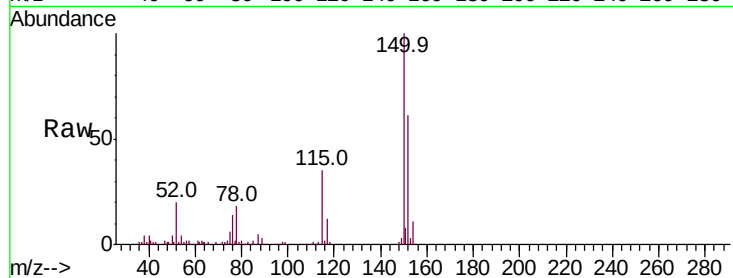
Tot Ion:152 Resp: 79867

Ion Ratio Lower Upper

152 100

115 57.0 27.5 82.4

150 163.4 0.0 320.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

