

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063436.D
 Acq On : 8 Aug 2019 14:15
 Operator : JC/SY
 Sample : K3613-05
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WILDWOOD-AVE-PILE

Quant Time: Aug 09 07:27:04 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

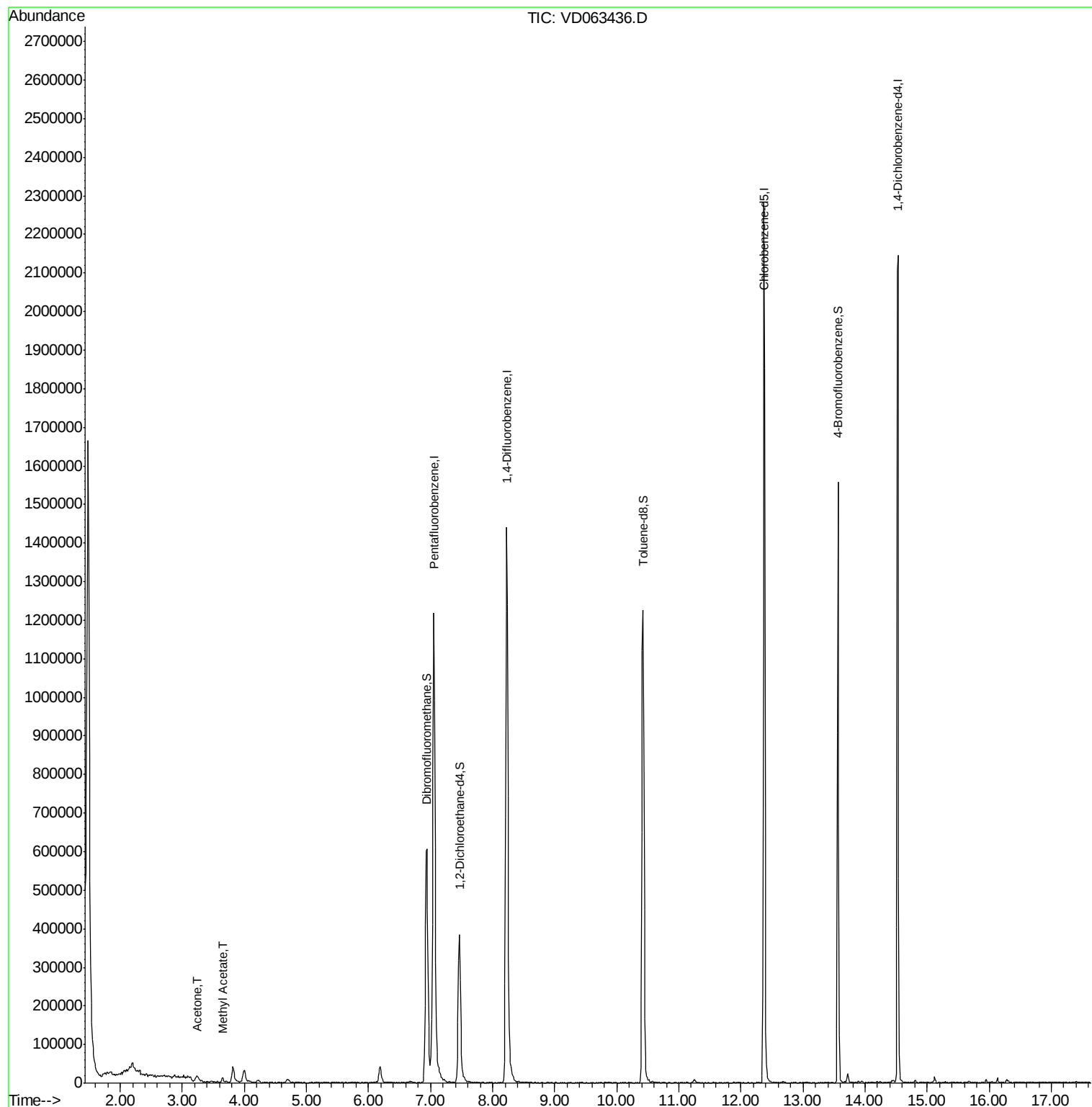
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	1224475	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1650505	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1271109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	533541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	478035	35.18	ug/l	0.03
Spiked Amount 50.000			Recovery	=	70.36%	
35) Dibromofluoromethane	6.93	113	547517	38.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.70%	
50) Toluene-d8	10.42	98	1056954	33.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	67.02%	
62) 4-Bromofluorobenzene	13.56	95	406543	28.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.58%	
Target Compounds						
16) Acetone	3.24	43	34916	13.190	ug/l	99
18) Methyl Acetate	3.65	43	18177	3.575	ug/l #	89

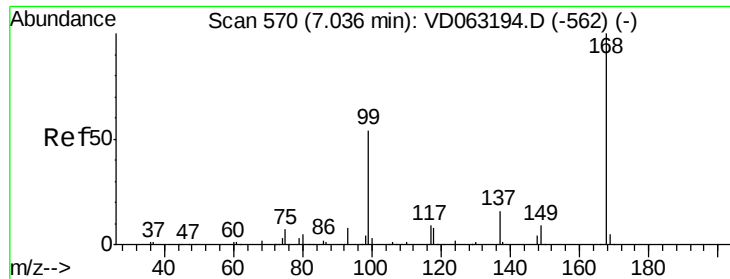
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

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Instrument :

MSVOA_D

ClientSampleId :

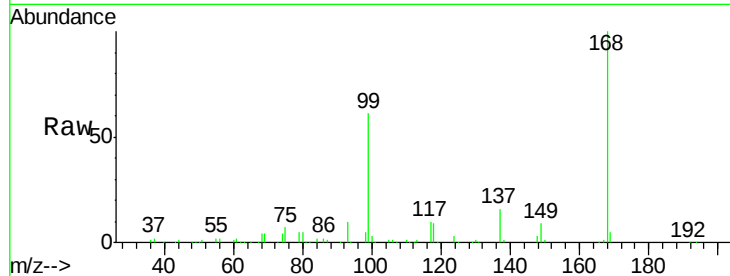
WILDWOOD-AVE-PILE

Tot Ion:168 Resp: 1224475

Ion Ratio Lower Upper

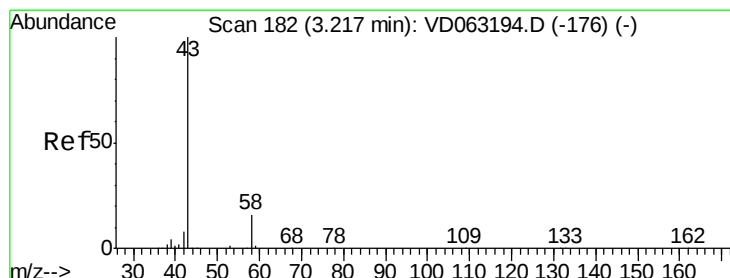
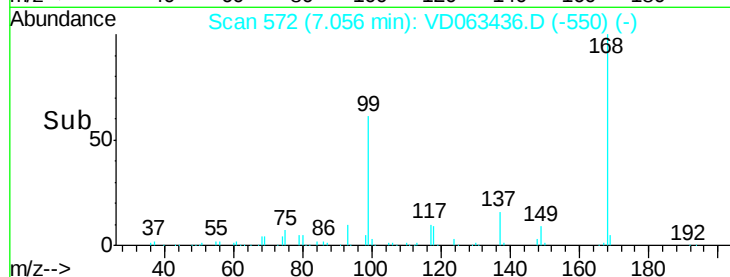
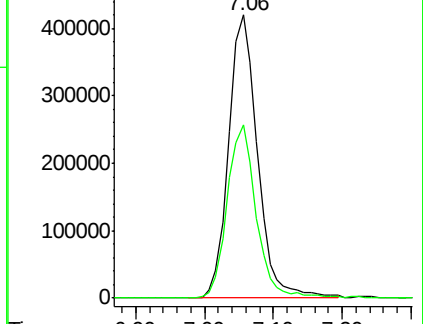
168 100

99 61.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 13.190 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD063436.D

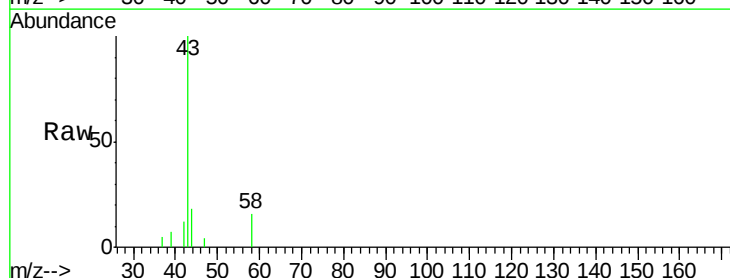
Acq: 8 Aug 2019 14:15

Tgt Ion: 43 Resp: 34916

Ion Ratio Lower Upper

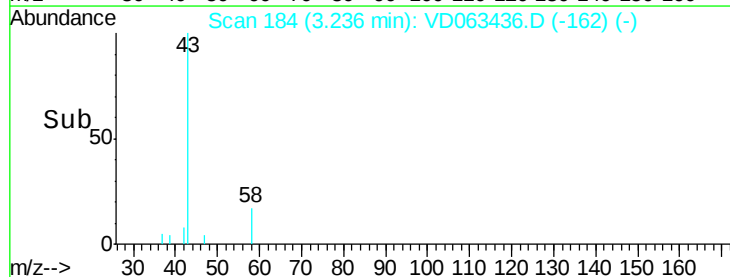
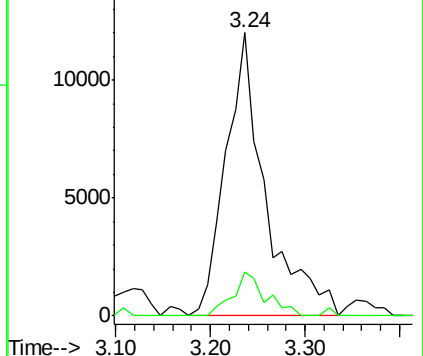
43 100

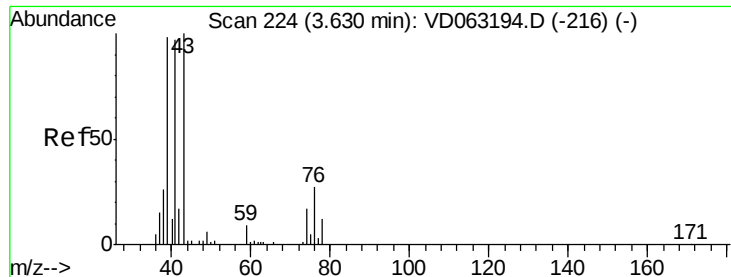
58 15.8 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#18

Methyl Acetate

Concen: 3.575 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.02 min

Lab File: VD063436.D

Acq: 8 Aug 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

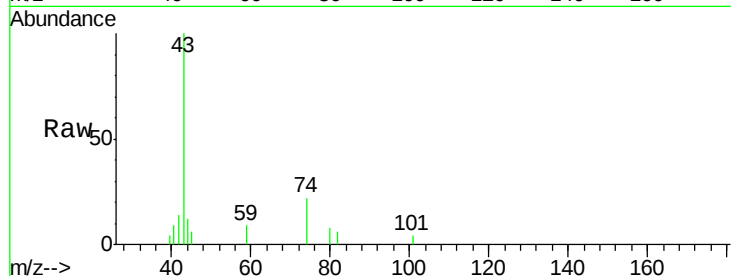
WILDWOOD-AVE-PILE

Tot Ion: 43 Resp: 18177

Ion Ratio Lower Upper

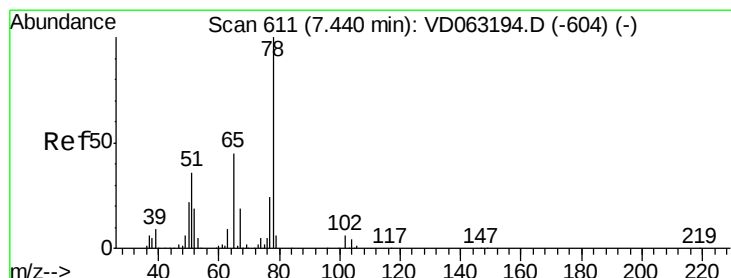
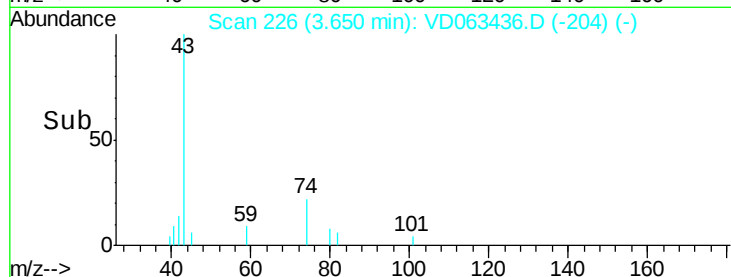
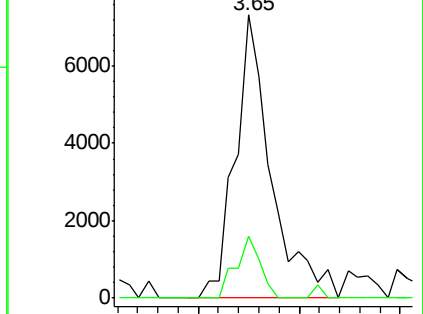
43 100

74 21.9 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 35.184 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD063436.D

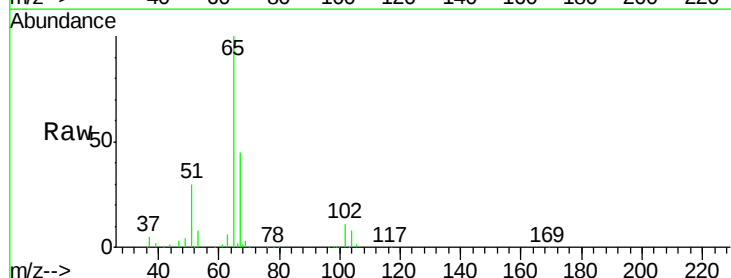
Acq: 8 Aug 2019 14:15

Tgt Ion: 65 Resp: 478035

Ion Ratio Lower Upper

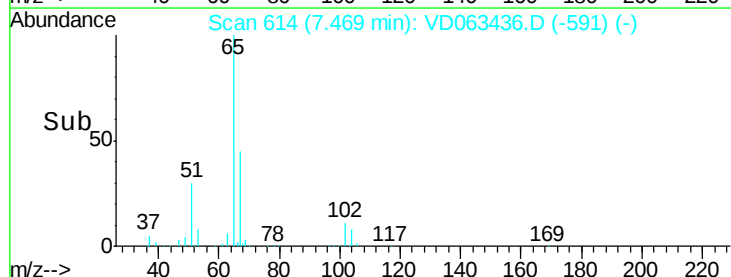
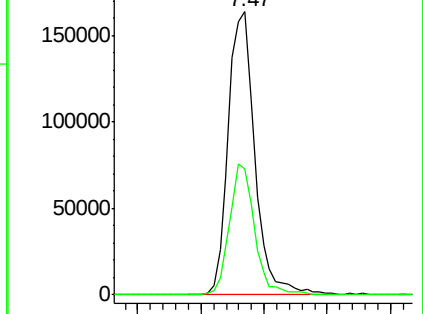
65 100

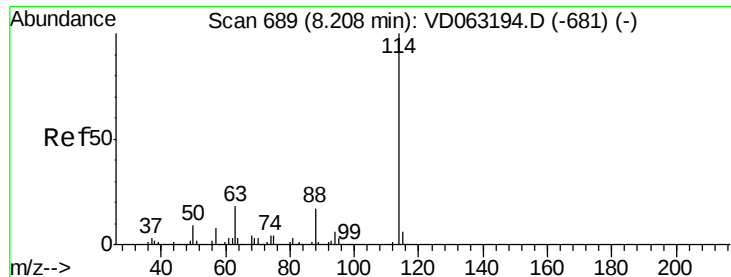
67 44.5 0.0 85.8



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: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063436.D

Acq: 8 Aug 2019 14:15

Instrument :

MSVOA_D

ClientSampleId :

WILDWOOD-AVE-PILE

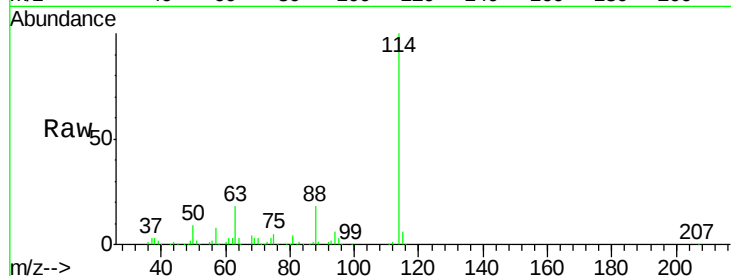
Tot Ion:114 Resp: 1650505

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

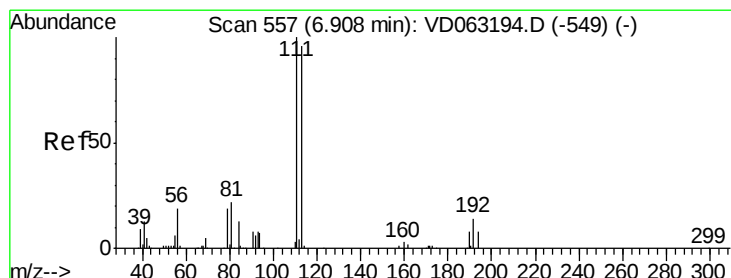
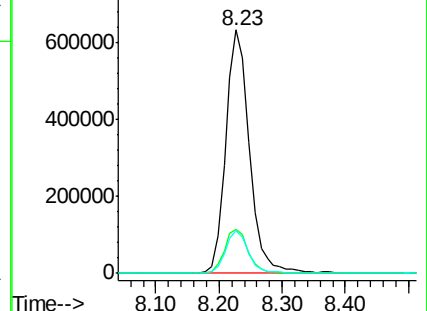
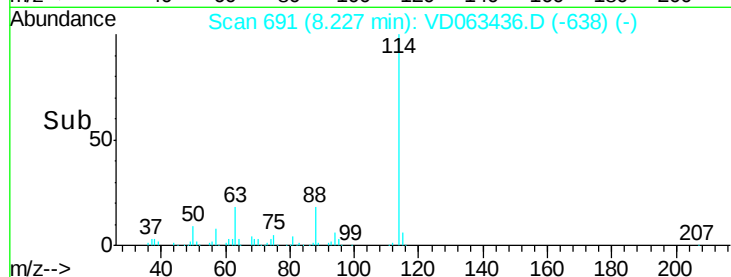
88 17.7 0.0 34.6



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: 38.854 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063436.D

Acq: 8 Aug 2019 14:15

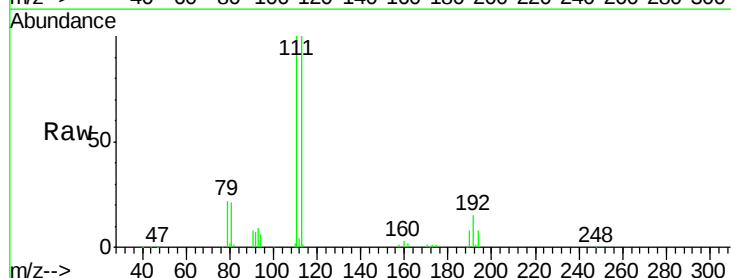
Tgt Ion:113 Resp: 547517

Ion Ratio Lower Upper

113 100

111 100.1 83.2 124.8

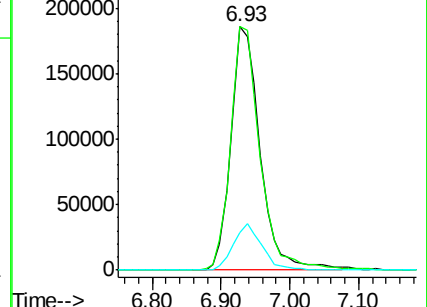
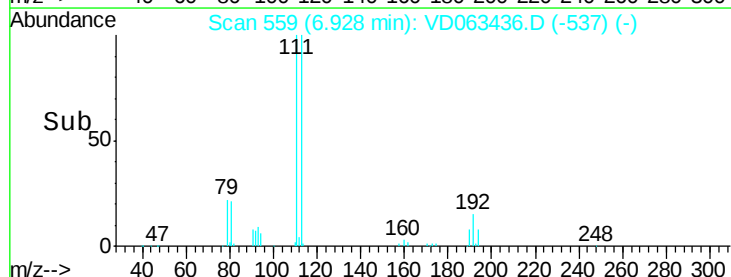
192 15.2 11.8 17.8

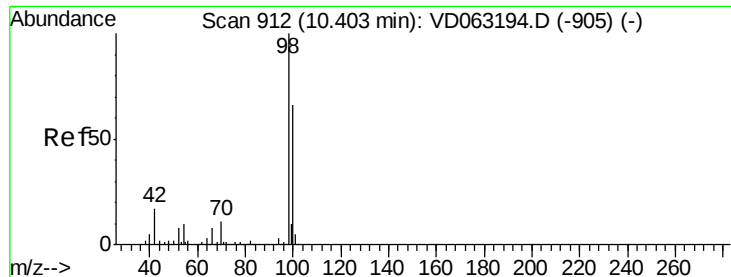


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

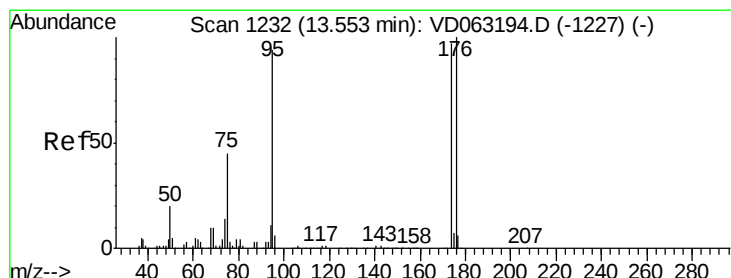
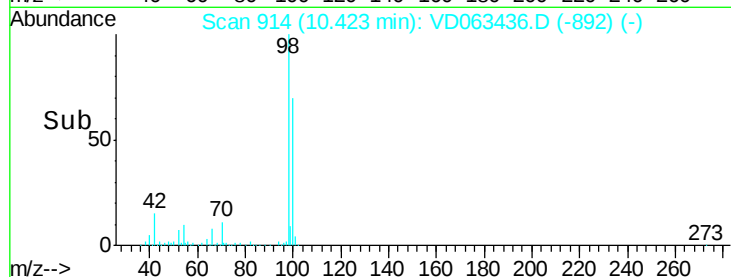
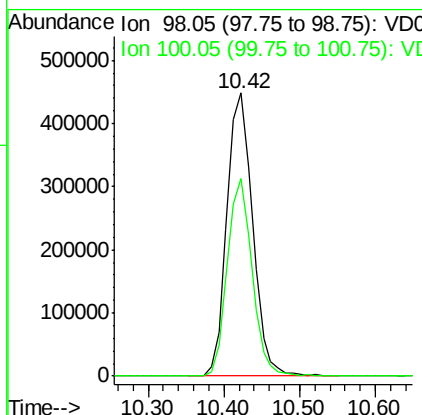
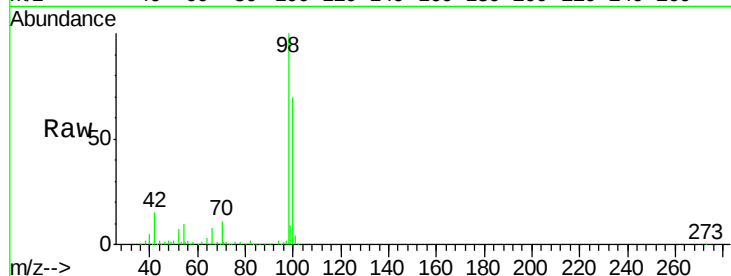




#50
Toluene-d8
Concen: 33.514 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063436.D
Acq: 8 Aug 2019 14:15

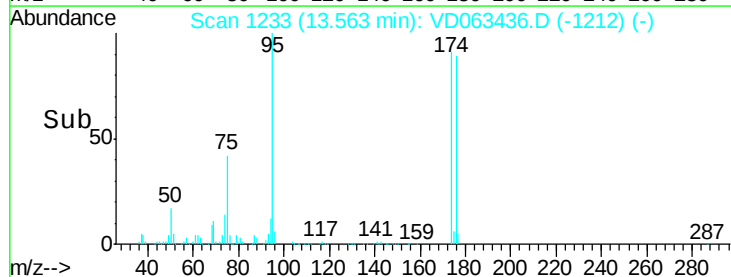
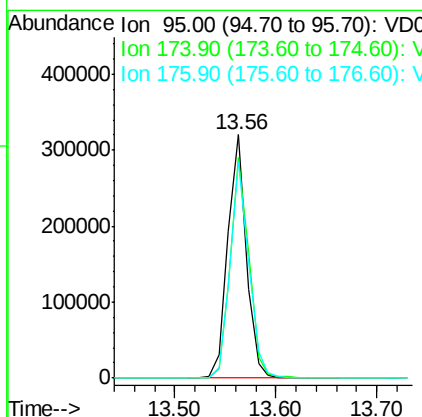
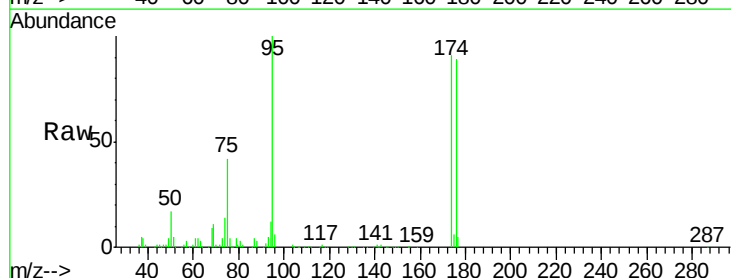
Instrument :
MSVOA_D
ClientSampleId :
WILDWOOD-AVE-PILE

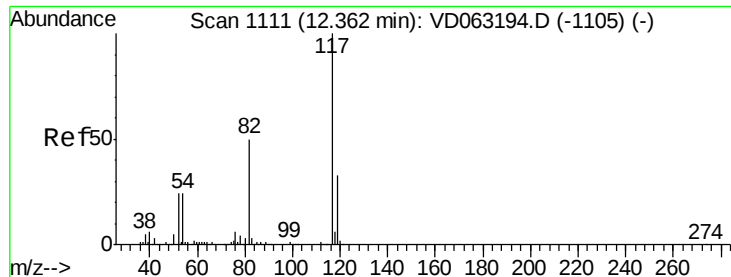
Tot Ion: 98 Resp: 1056954
Ion Ratio Lower Upper
98 100
100 69.7 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 28.288 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063436.D
Acq: 8 Aug 2019 14:15

Tgt Ion: 95 Resp: 406543
Ion Ratio Lower Upper
95 100
174 90.6 0.0 205.4
176 88.9 0.0 211.8

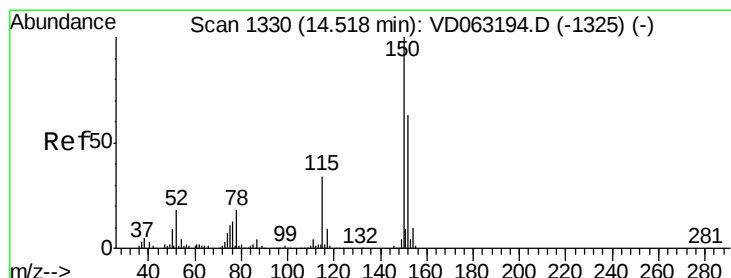
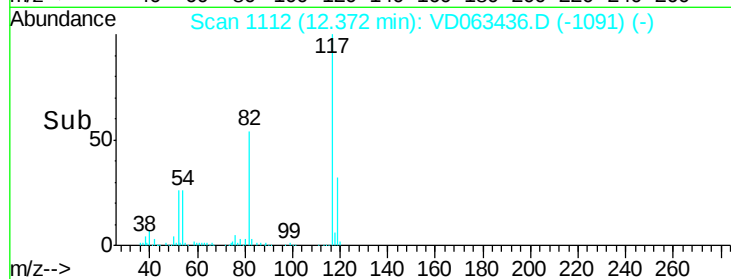
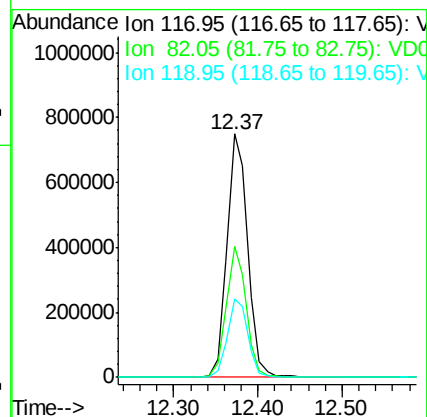
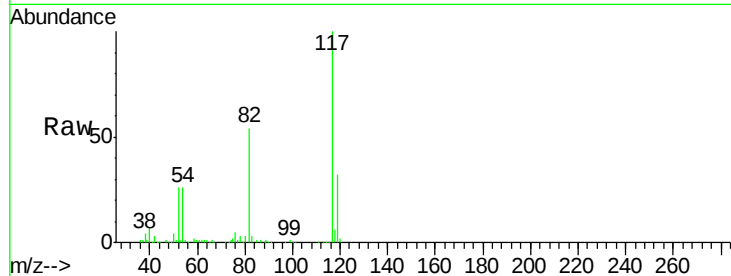




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063436.D
Acq: 8 Aug 2019 14:15

Instrument :
MSVOA_D
ClientSampleId :
WILDWOOD-AVE-PILE

Tot Ion:117 Resp: 1271109
Ion Ratio Lower Upper
117 100
82 53.6 40.1 60.1
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063436.D
Acq: 8 Aug 2019 14:15

Tgt Ion:152 Resp: 533541
Ion Ratio Lower Upper
152 100
115 52.6 27.5 82.4
150 160.1 0.0 320.6

