

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063300.D
 Acq On : 1 Aug 2019 18:46
 Operator : VA/AP
 Sample : K4120-10
 Misc : 5.13g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SW-4

Quant Time: Aug 02 08:23:12 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

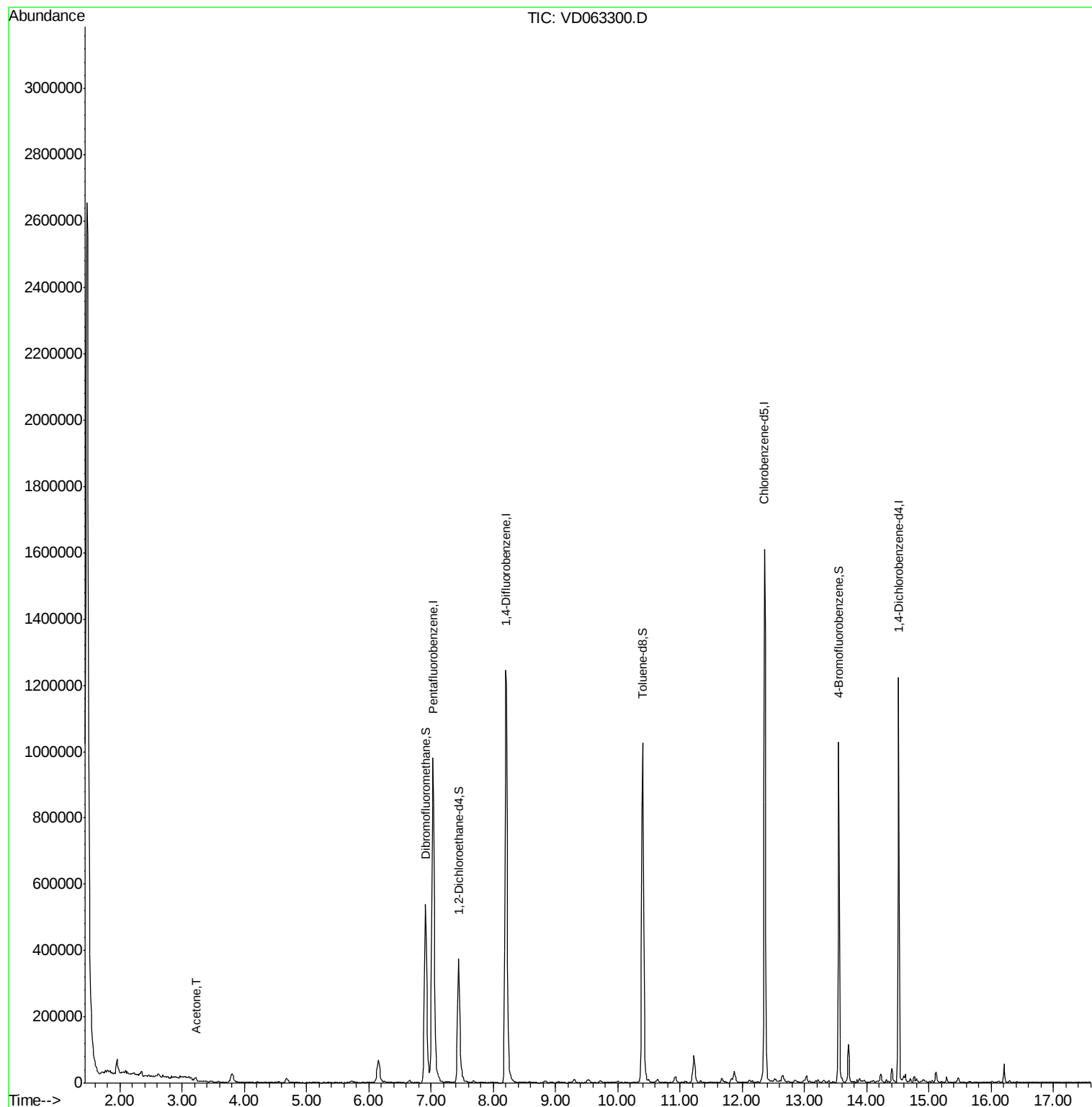
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	973027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1393327	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	919451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	263215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	405275	37.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.08%	
35) Dibromofluoromethane	6.91	113	478818	40.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.50%	
50) Toluene-d8	10.40	98	889443	33.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.82%	
62) 4-Bromofluorobenzene	13.55	95	271325	22.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.72%	
Target Compounds						
16) Acetone	3.21	43	26867	12.772	ug/l	Qvalue 95

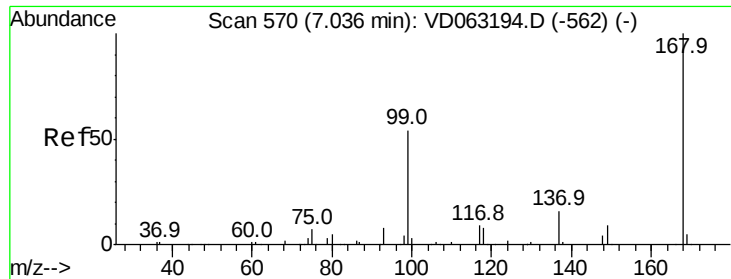
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063300.D

Acq: 1 Aug 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

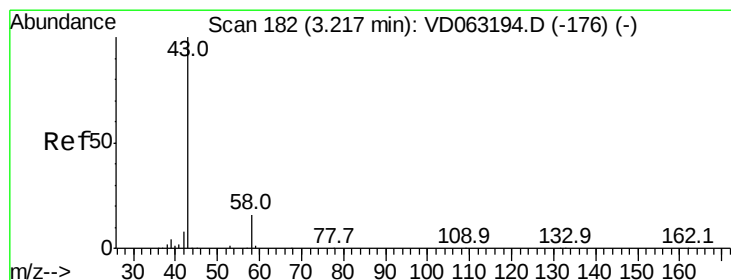
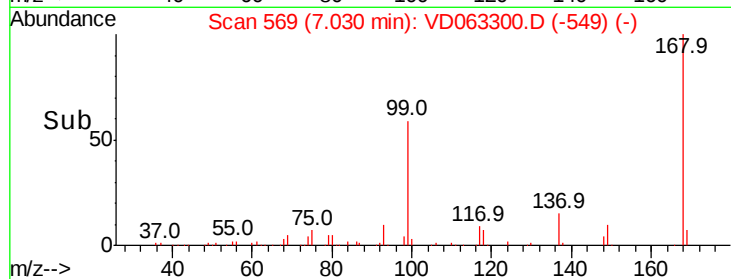
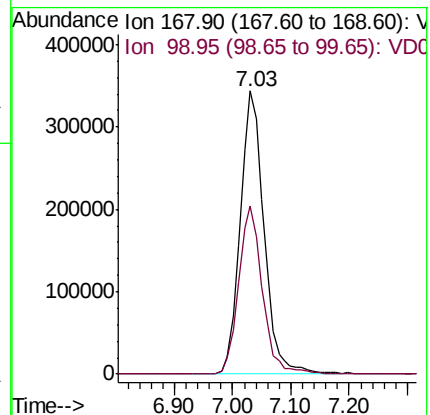
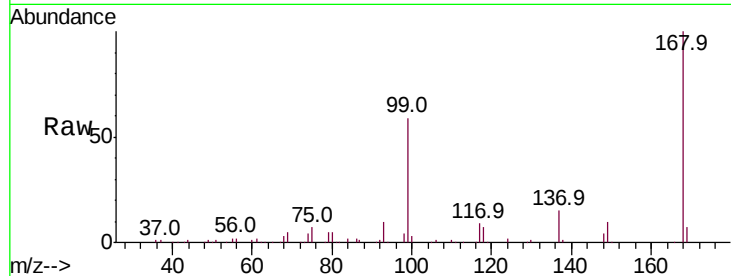
SW-4

Tot Ion:168 Resp: 973027

Ion Ratio Lower Upper

168 100

99 59.4 43.7 65.5



#16

Acetone

Concen: 12.772 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD063300.D

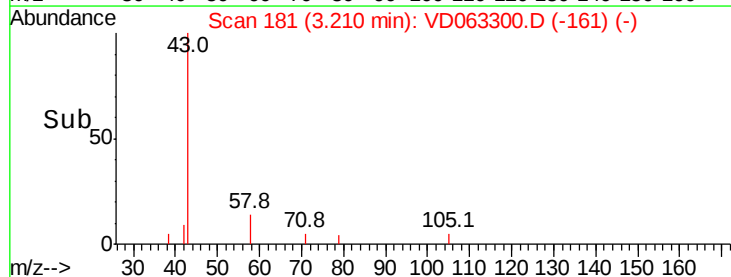
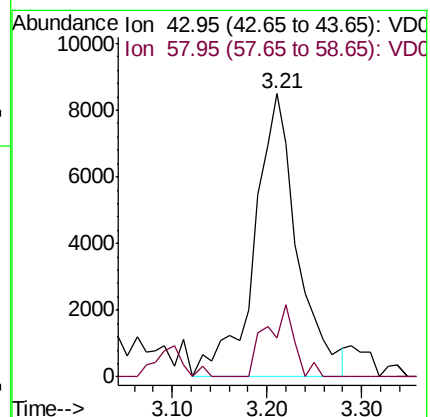
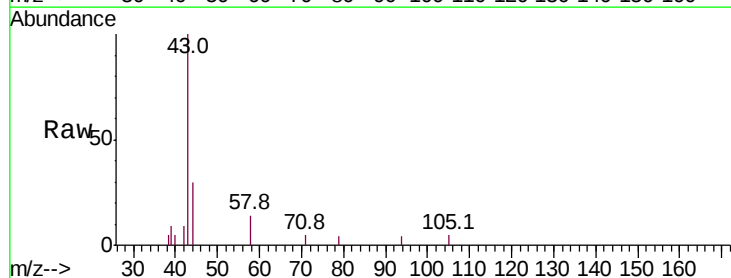
Acq: 1 Aug 2019 18:46

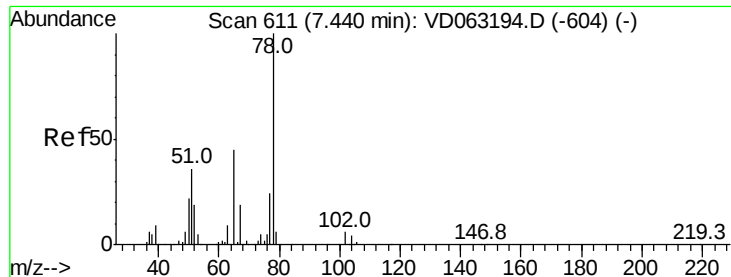
Tgt Ion: 43 Resp: 26867

Ion Ratio Lower Upper

43 100

58 14.0 13.0 19.4





#33

1,2-Dichloroethane-d4

Concen: 37.537 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD063300.D

Acq: 1 Aug 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

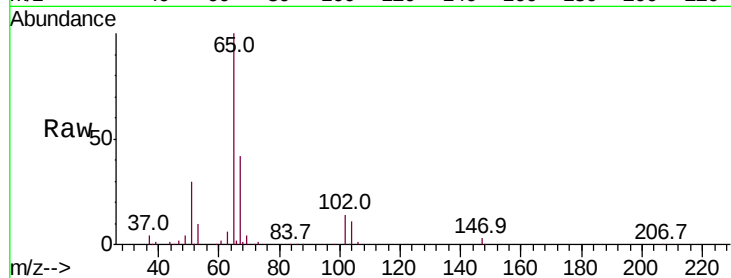
SW-4

Tot Ion: 65 Resp: 405275

Ion Ratio Lower Upper

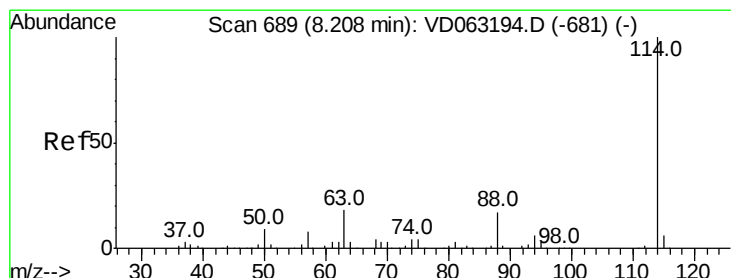
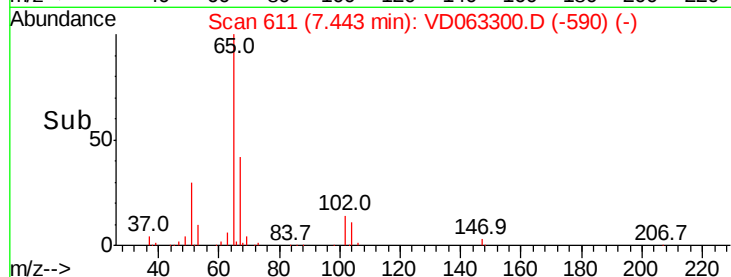
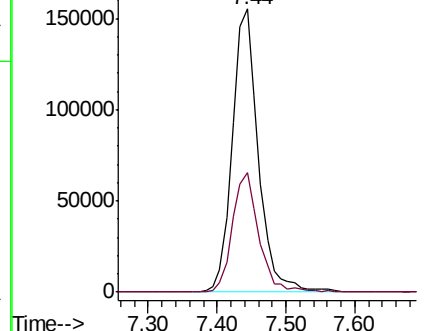
65 100

67 42.3 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: 8.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: VD063300.D

Acq: 1 Aug 2019 18:46

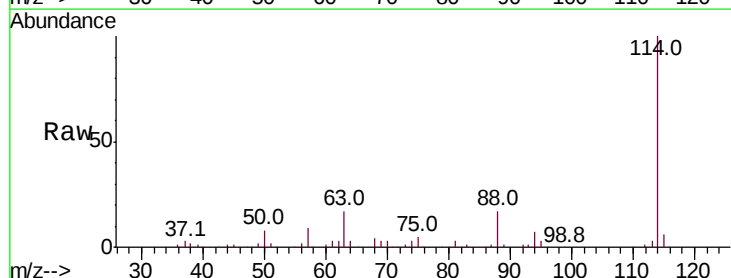
Tgt Ion: 114 Resp: 1393327

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

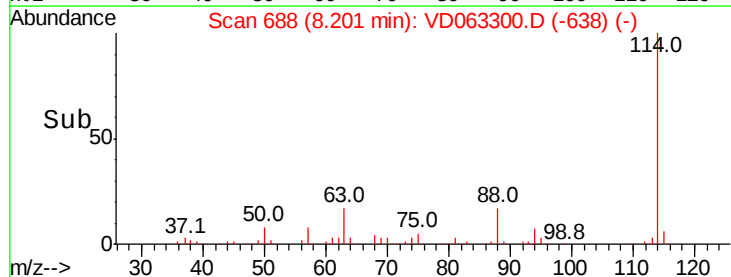
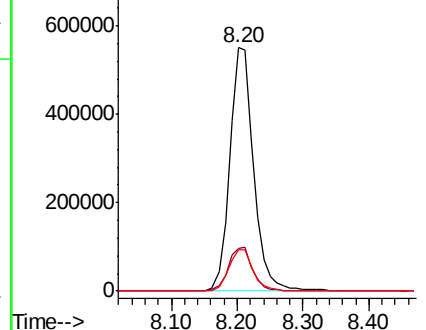
88 17.1 0.0 34.6

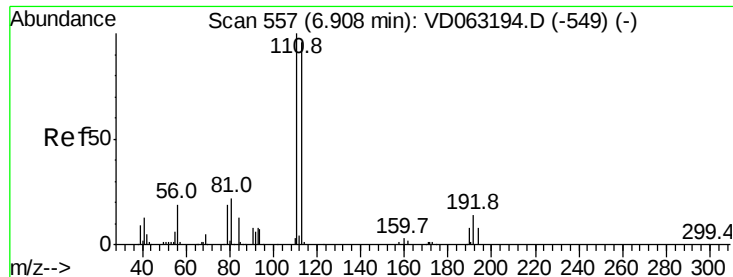


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 40.250 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.00 min

Lab File: VD063300.D

Acq: 1 Aug 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

SW-4

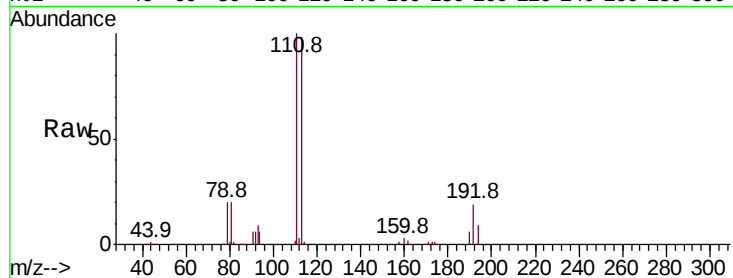
Tot Ion:113 Resp: 478818

Ion Ratio Lower Upper

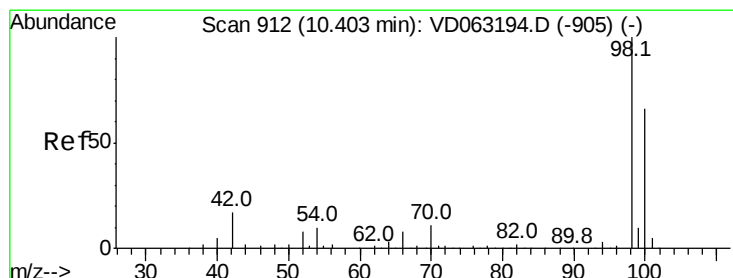
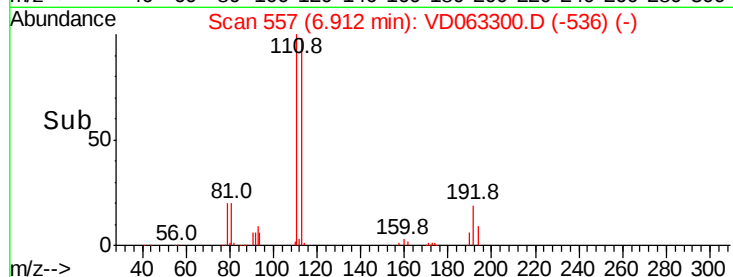
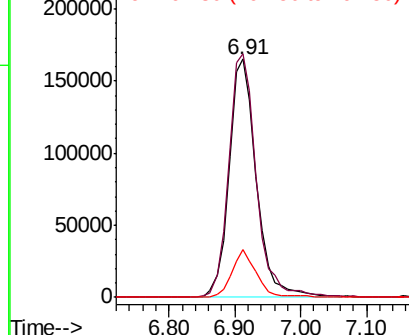
113 100

111 102.2 83.2 124.8

192 19.8 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: 33.408 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063300.D

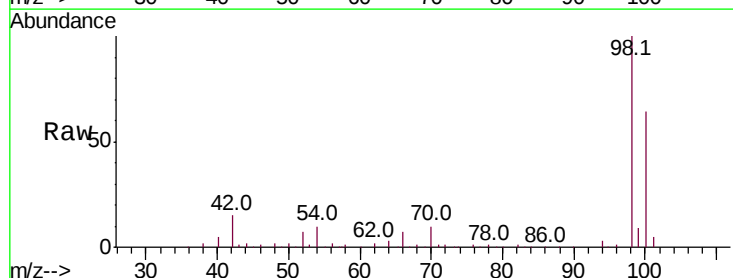
Acq: 1 Aug 2019 18:46

Tgt Ion: 98 Resp: 889443

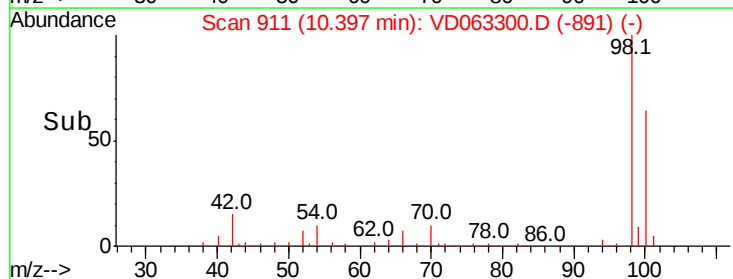
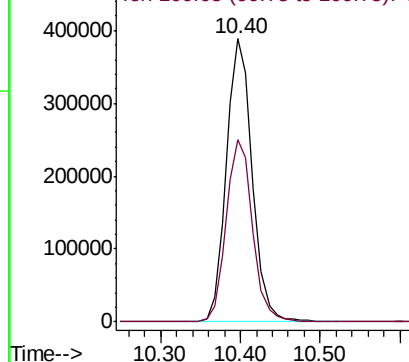
Ion Ratio Lower Upper

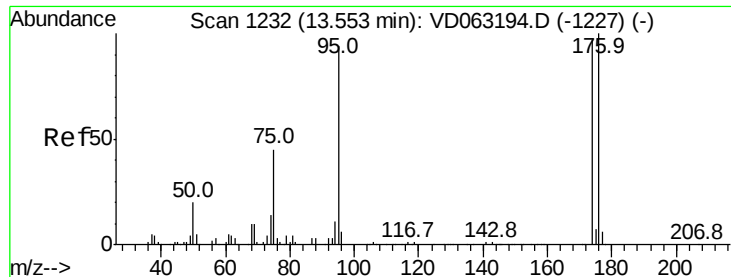
98 100

100 64.4 53.2 79.8



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

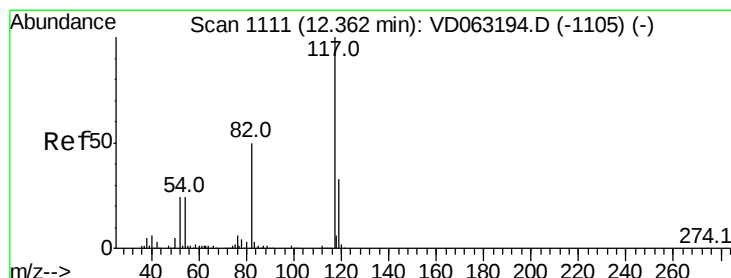
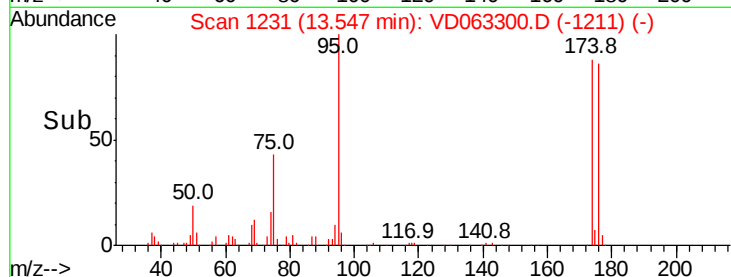
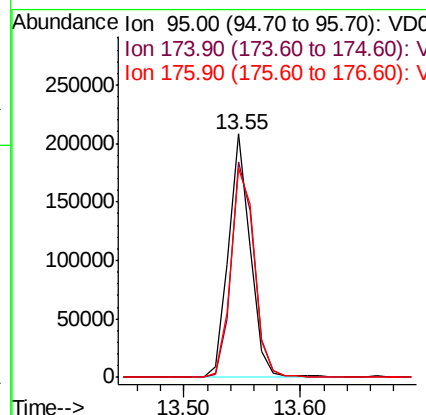
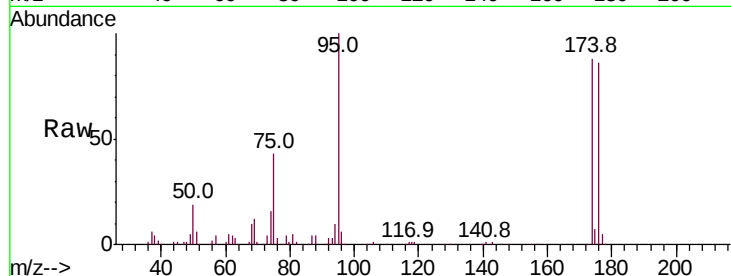




#62
4-Bromofluorobenzene
Concen: 22.364 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063300.D
Acq: 1 Aug 2019 18:46

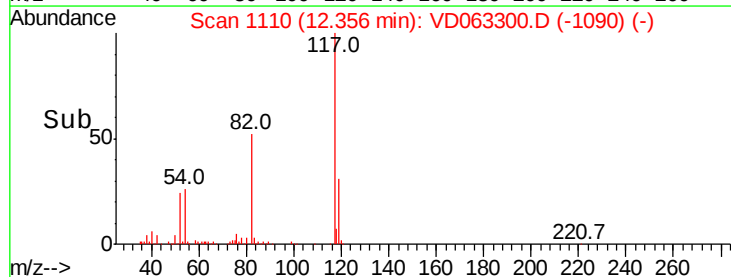
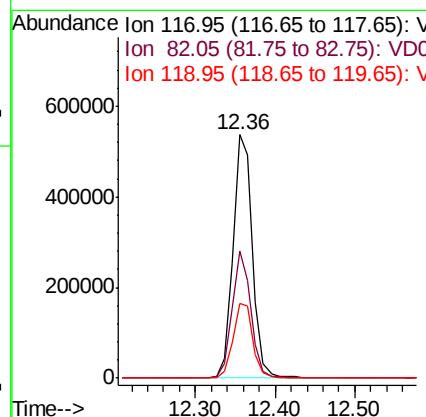
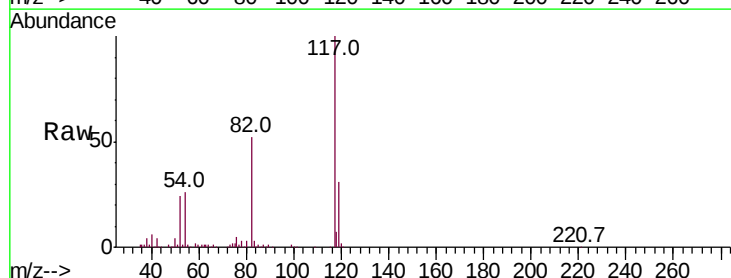
Instrument :
MSVOA_D
ClientSampled :
SW-4

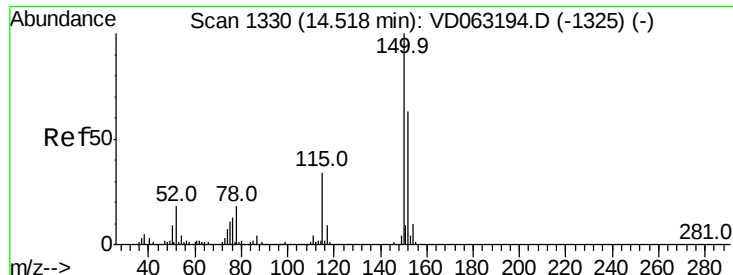
Tot Ion: 95 Resp: 271325
Ion Ratio Lower Upper
95 100
174 88.4 0.0 205.4
176 86.0 0.0 211.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD063300.D
Acq: 1 Aug 2019 18:46

Tgt Ion: 117 Resp: 919451
Ion Ratio Lower Upper
117 100
82 52.4 40.1 60.1
119 30.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063300.D

Acq: 1 Aug 2019 18:46

Instrument :

MSVOA_D

ClientSampleId :

SW-4

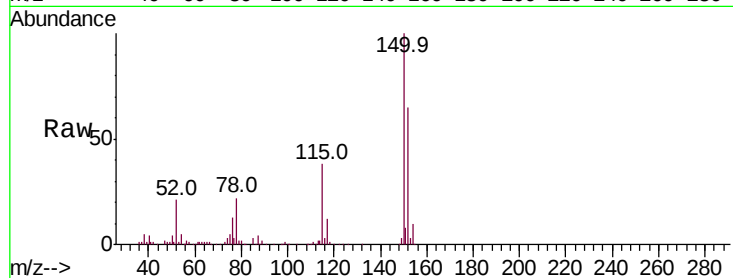
Tot Ion:152 Resp: 263215

Ion Ratio Lower Upper

152 100

115 57.8 27.5 82.4

150 152.9 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

