

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061355.D
 Acq On : 27 Mar 2019 15:54
 Operator : VA/AP
 Sample : VD0327SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL01

Quant Time: Mar 28 07:09:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 27 15:37:47 2019
 Response via : Initial Calibration

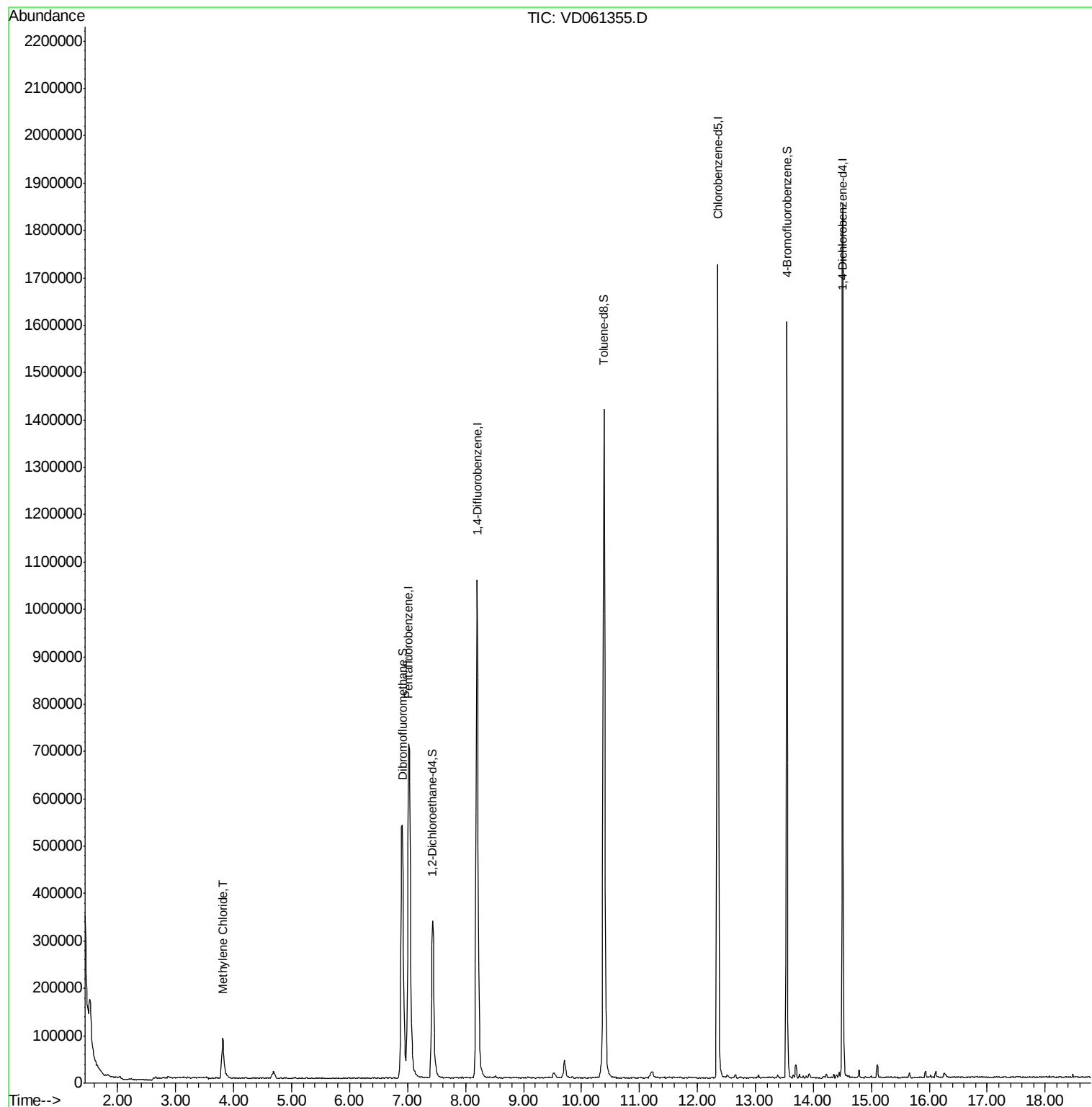
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	833045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1371308	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	1160960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	492466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	335438	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	6.91	113	555169	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
50) Toluene-d8	10.38	98	1344727	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
62) 4-Bromofluorobenzene	13.54	95	503624	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
20) Methylene Chloride	3.81	84	66568	5.720	ug/l	Qvalue 97

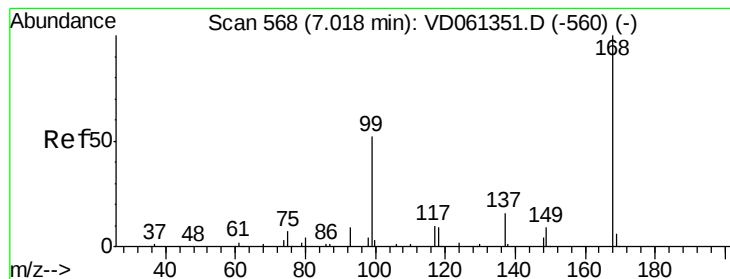
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD061355.D

Acq: 27 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

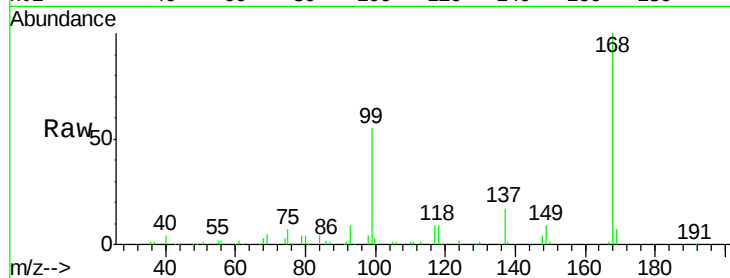
VD0327SBL01

Tgt Ion: 168 Resp: 833045

Ion Ratio Lower Upper

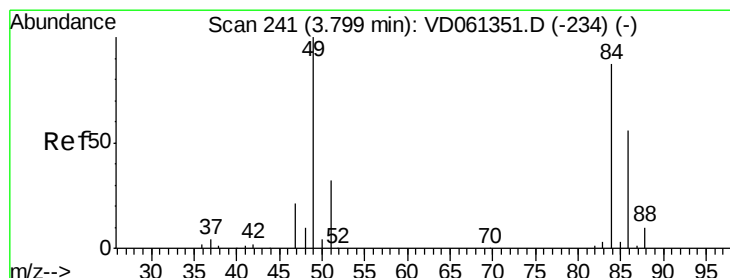
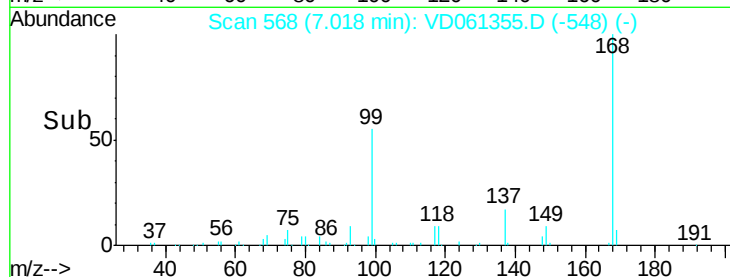
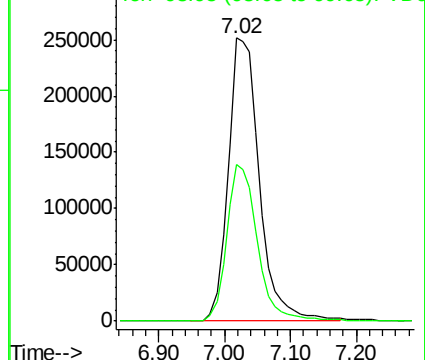
168 100

99 55.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.720 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD061355.D

Acq: 27 Mar 2019 15:54

Tgt Ion: 84 Resp: 66568

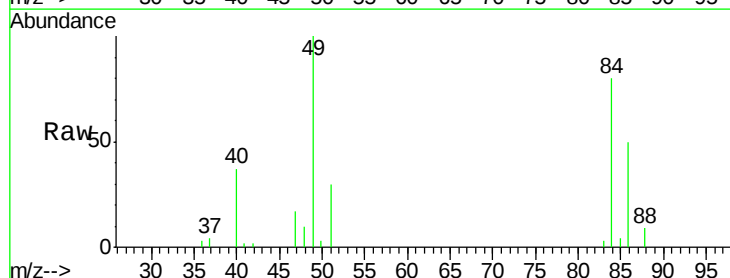
Ion Ratio Lower Upper

84 100

49 125.1 96.8 145.2

51 37.6 29.9 44.9

86 63.1 53.1 79.7

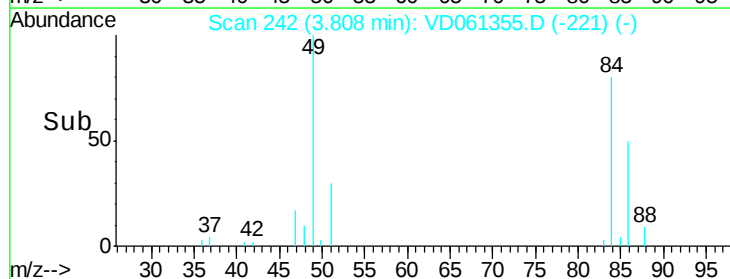
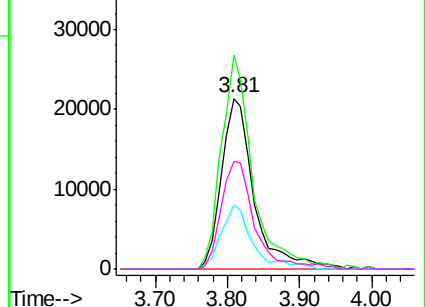


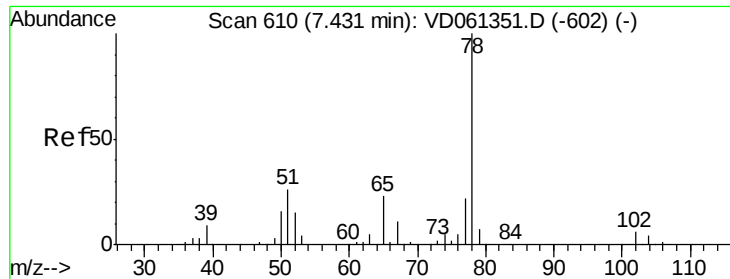
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

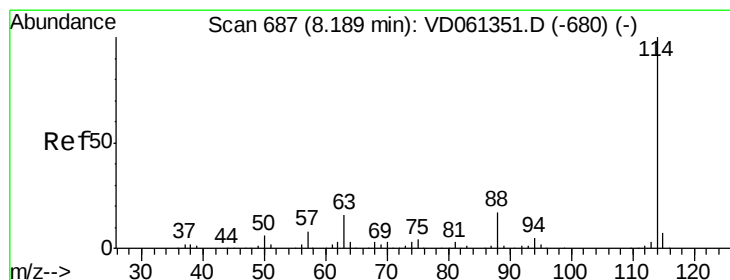
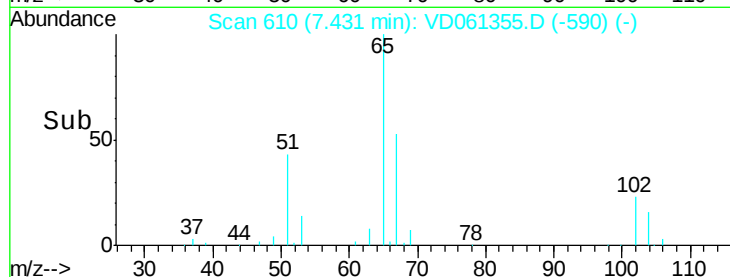
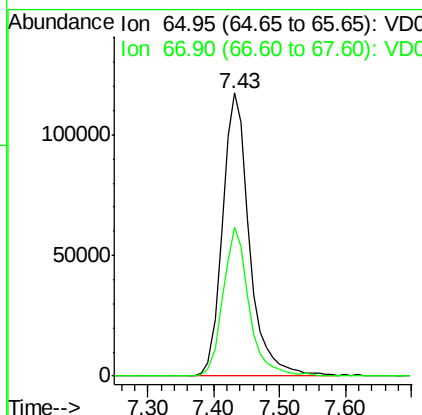
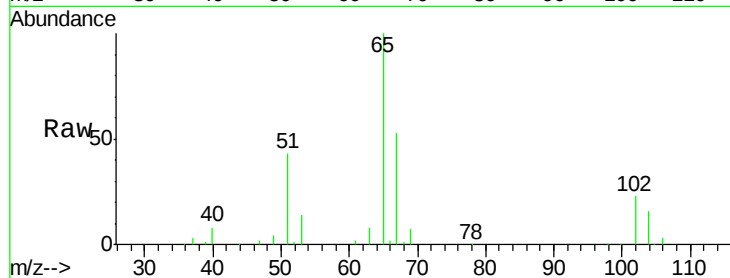




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: VD061355.D
 Acq: 27 Mar 2019 15:54

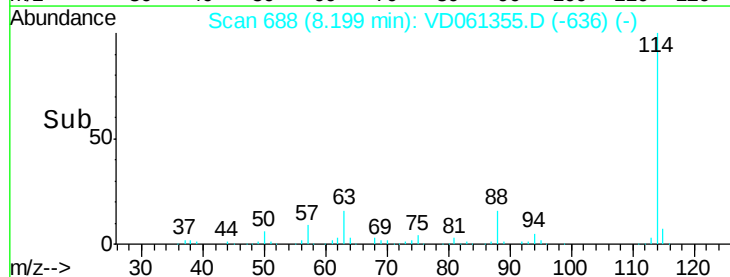
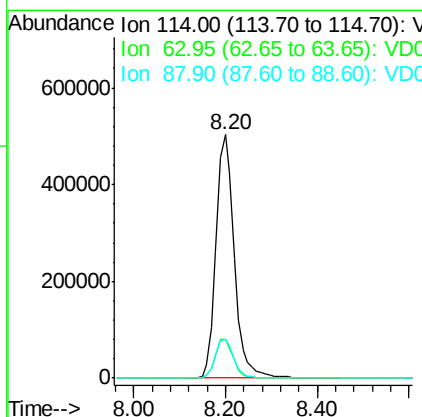
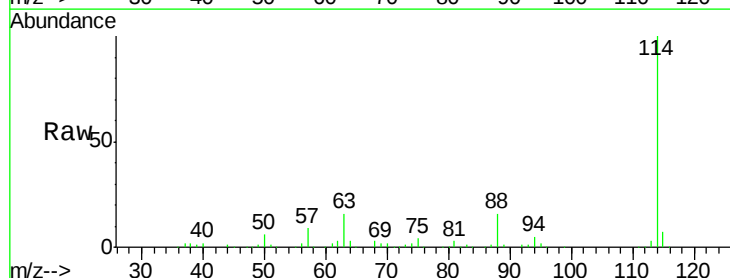
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL01

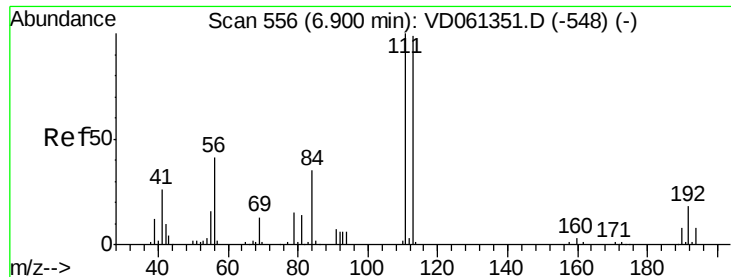
Tgt Ion: 65 Resp: 335438
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061355.D
 Acq: 27 Mar 2019 15:54

Tgt Ion: 114 Resp: 1371308
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.4
 88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD061355.D

Acq: 27 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBL01

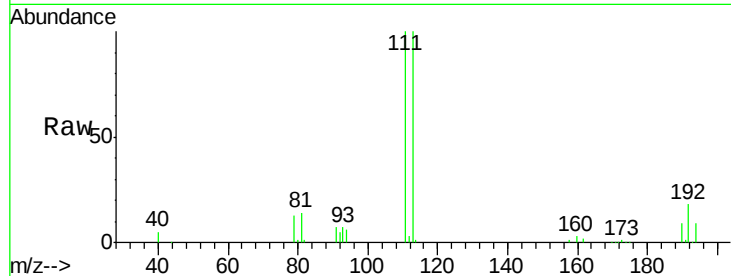
Tgt Ion:113 Resp: 555169

Ion Ratio Lower Upper

113 100

111 100.3 83.7 125.5

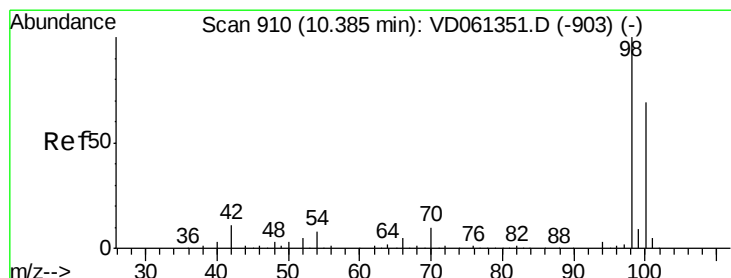
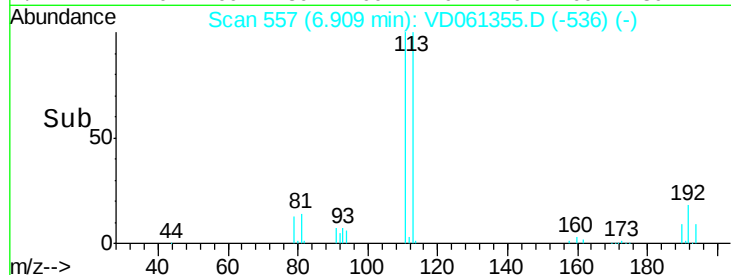
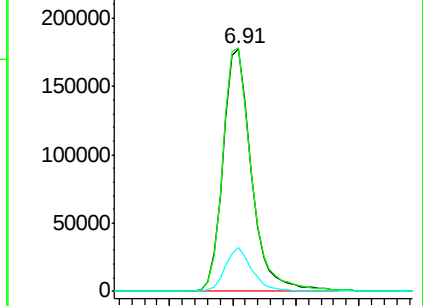
192 17.9 13.4 20.0



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: N.D. ug/l

RT: 10.38 min Scan# 910

Delta R.T. -0.00 min

Lab File: VD061355.D

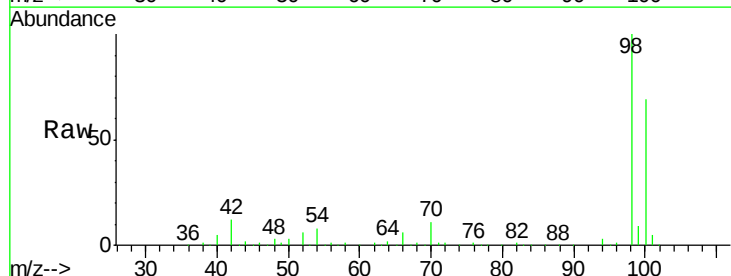
Acq: 27 Mar 2019 15:54

Tgt Ion: 98 Resp: 1344727

Ion Ratio Lower Upper

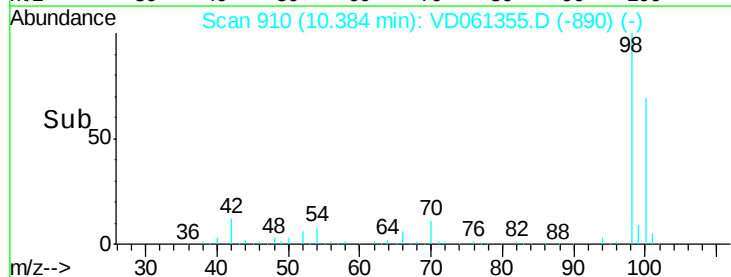
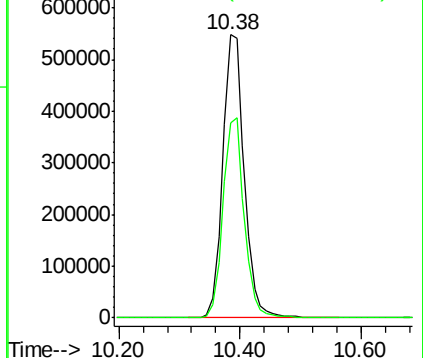
98 100

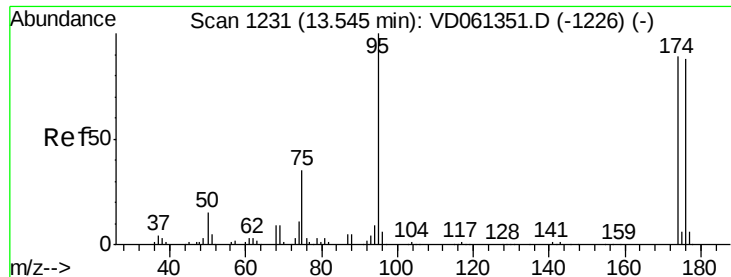
100 69.1 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

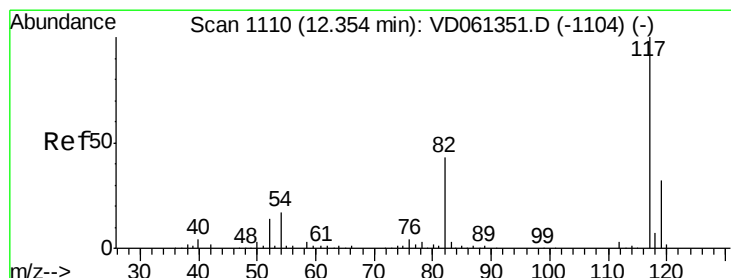
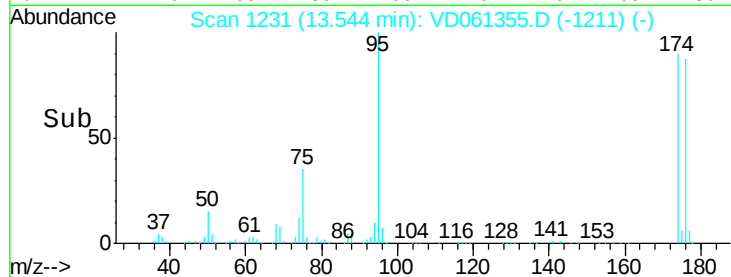
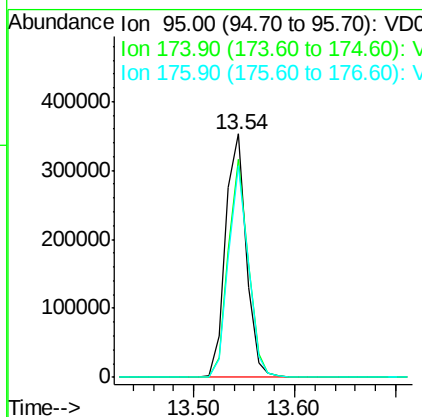
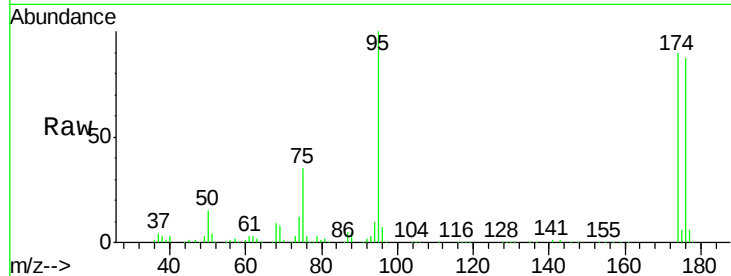




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

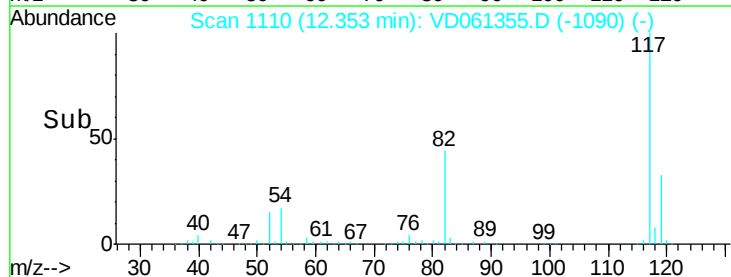
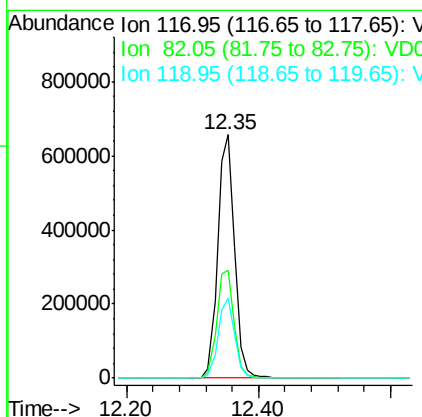
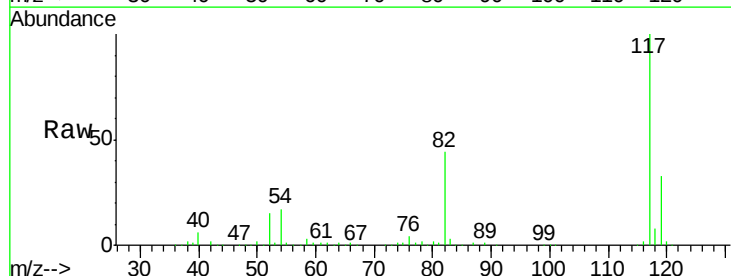
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

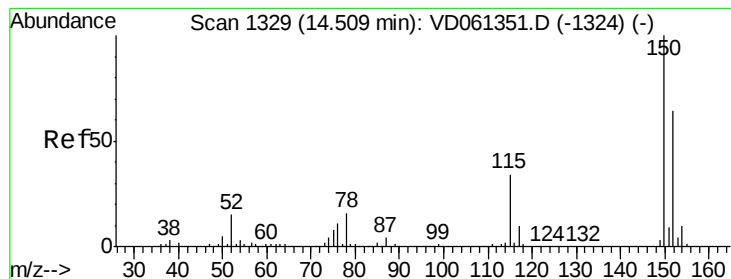
Tgt Ion: 95 Resp: 503624
Ion Ratio Lower Upper
95 100
174 89.8 0.0 151.8
176 87.1 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061355.D
Acq: 27 Mar 2019 15:54

Tgt Ion: 117 Resp: 1160960
Ion Ratio Lower Upper
117 100
82 44.2 35.7 53.5
119 33.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD061355.D

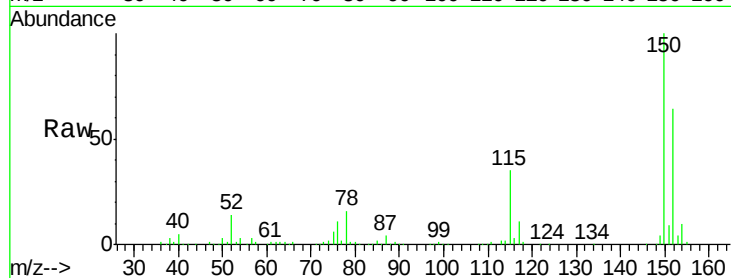
Acq: 27 Mar 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBL01



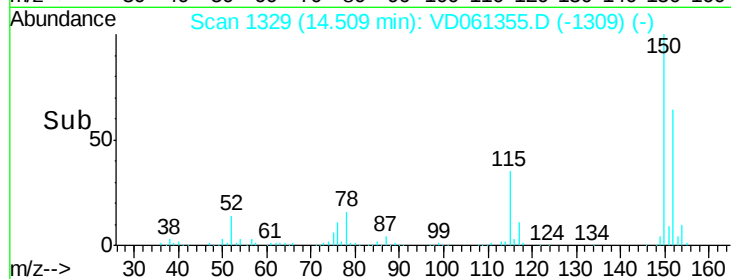
Tgt Ion:152 Resp: 492466

Ion Ratio Lower Upper

152 100

115 54.8 29.2 87.6

150 157.4 0.0 319.6



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

