

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061412.D
 Acq On : 29 Mar 2019 3:24
 Operator : VA/AP
 Sample : VD0328SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SB02

Quant Time: Mar 29 05:43:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

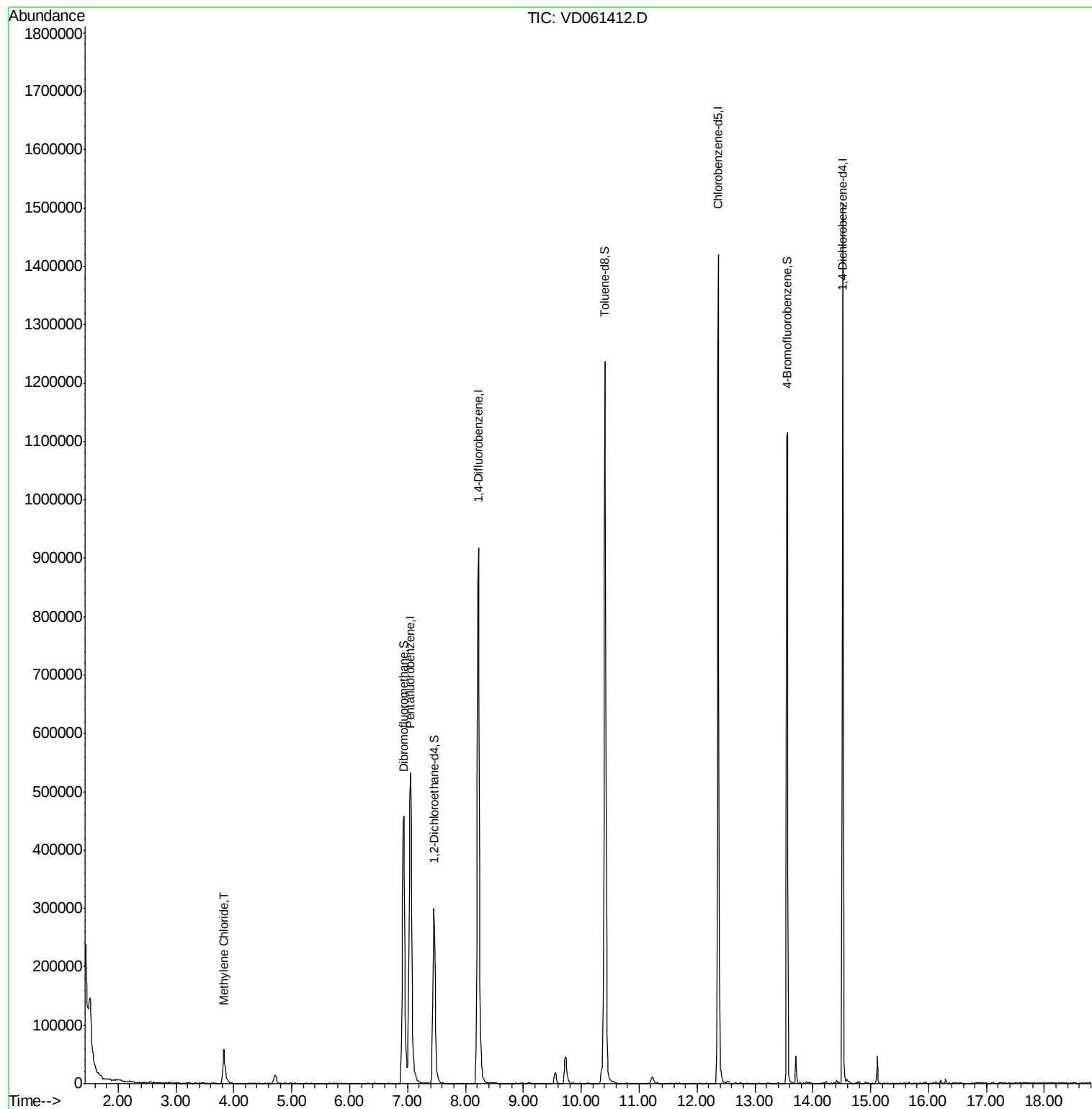
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	594230	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1153449	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	921269	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	366776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	301002	59.30	ug/l	0.02
Spiked Amount 50.000			Recovery	=	118.60%	
35) Dibromofluoromethane	6.93	113	460977	52.30	ug/l	0.03
Spiked Amount 50.000			Recovery	=	104.60%	
50) Toluene-d8	10.41	98	1093499	51.72	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	13.55	95	392574	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
Target Compounds						
20) Methylene Chloride	3.83	84	45370	4.458	ug/l	Qvalue 94

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061412.D

Acq: 29 Mar 2019 3:24

Instrument :

MSVOA_D

ClientSampleId :

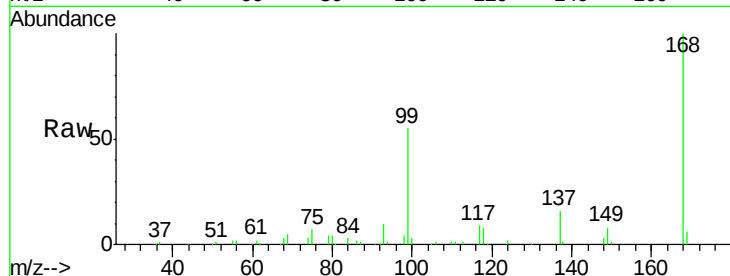
VD0329SB02

Tot Ion:168 Resp: 594230

Ion Ratio Lower Upper

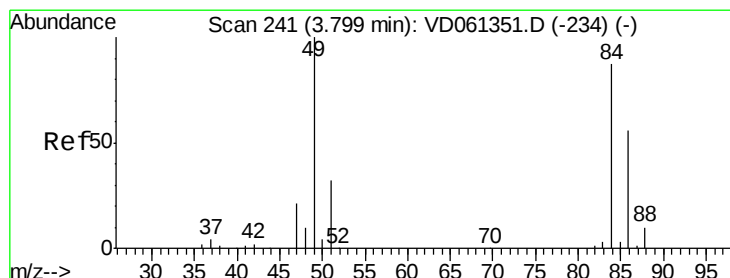
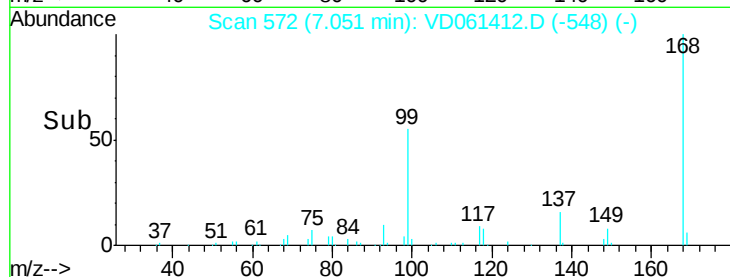
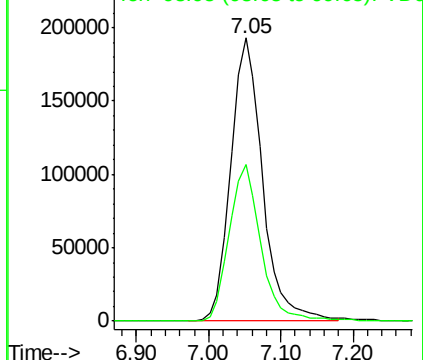
168 100

99 55.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 4.458 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD061412.D

Acq: 29 Mar 2019 3:24

Tgt Ion: 84 Resp: 45370

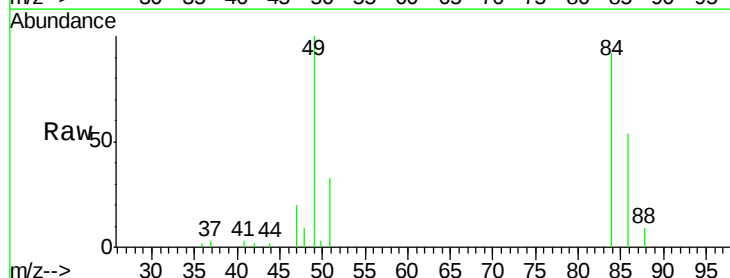
Ion Ratio Lower Upper

84 100

49 108.4 91.8 137.8

51 36.0 29.8 44.8

86 58.3 51.8 77.6

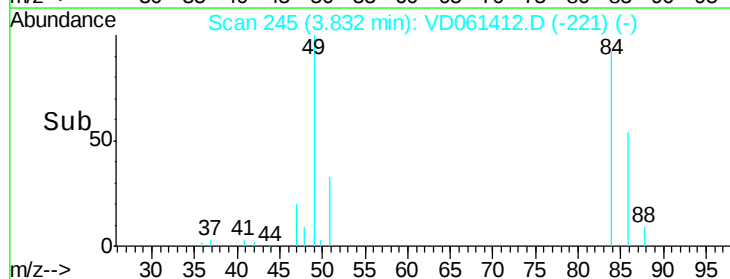
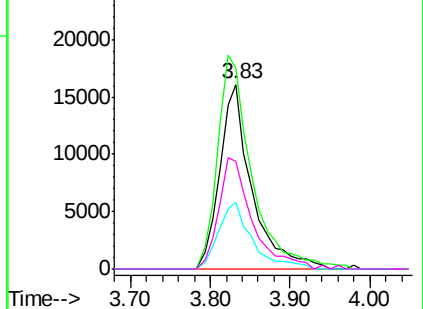


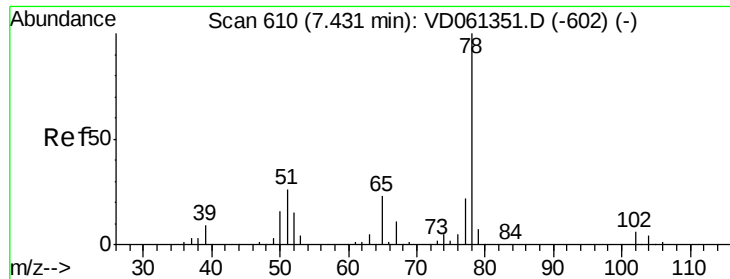
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.45 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD061412.D

Acq: 29 Mar 2019 3:24

Instrument :

MSVOA_D

ClientSampleId :

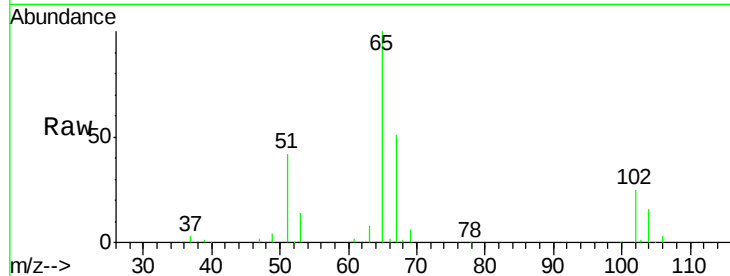
VD0329SB02

Tot Ion: 65 Resp: 301002

Ion Ratio Lower Upper

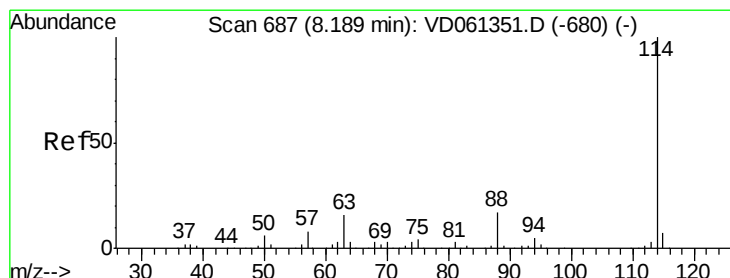
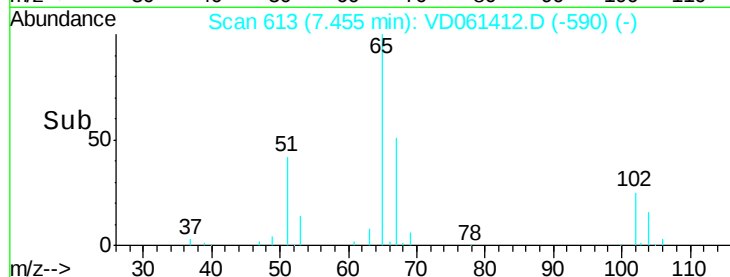
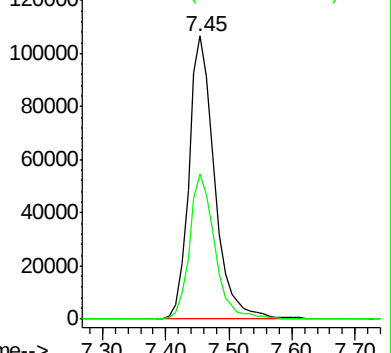
65 100

67 51.3 0.0 99.8



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# 691

Delta R.T. 0.03 min

Lab File: VD061412.D

Acq: 29 Mar 2019 3:24

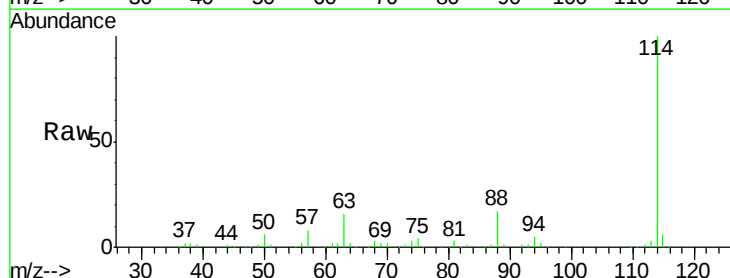
Tgt Ion: 114 Resp: 1153449

Ion Ratio Lower Upper

114 100

63 15.9 0.0 31.6

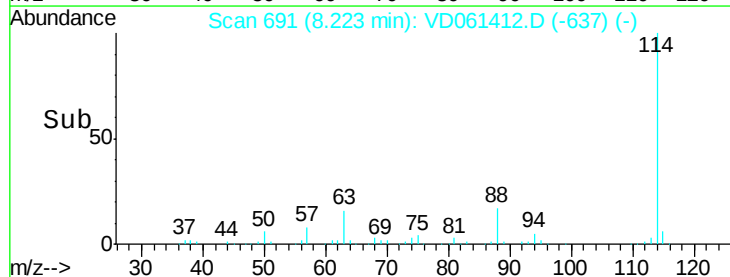
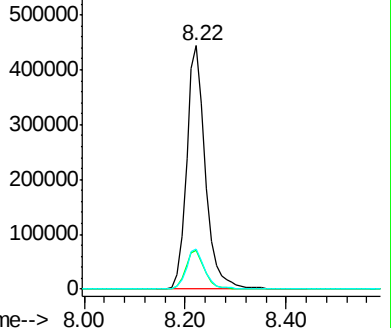
88 16.6 0.0 33.4



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

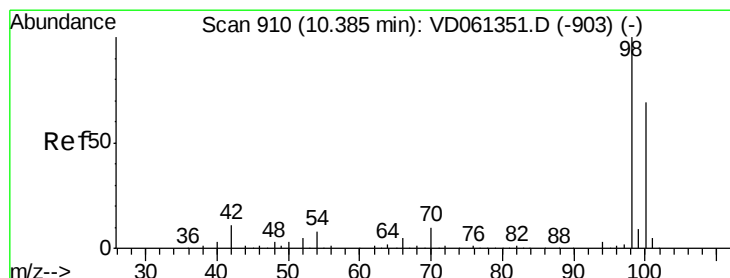
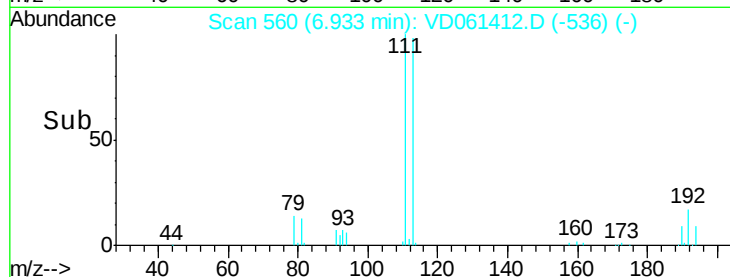
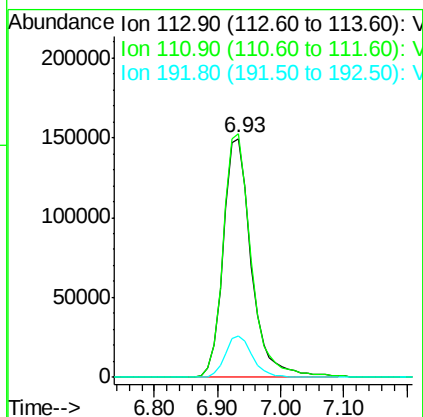
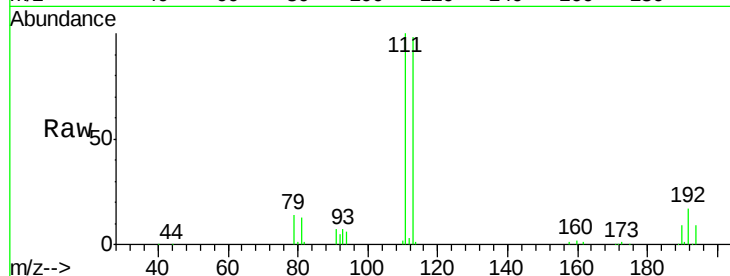




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD061412.D
 Acq: 29 Mar 2019 3:24

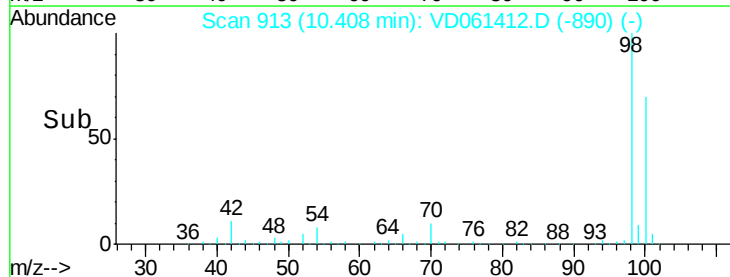
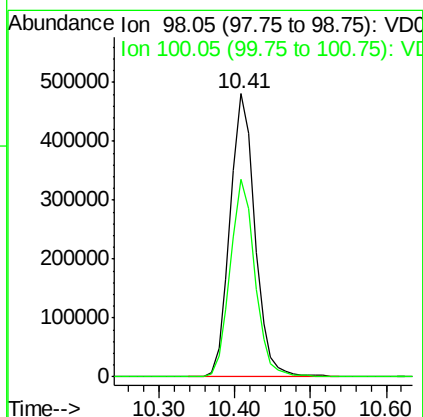
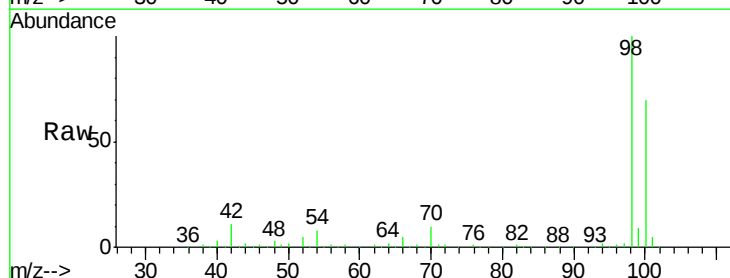
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SB02

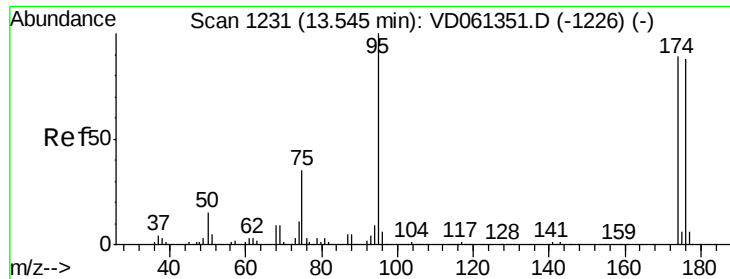
Tot Ion:113 Resp: 460977
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.0 121.6
 192 17.5 14.4 21.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.02 min
 Lab File: VD061412.D
 Acq: 29 Mar 2019 3:24

Tgt Ion: 98 Resp: 1093499
 Ion Ratio Lower Upper
 98 100
 100 69.7 56.2 84.2

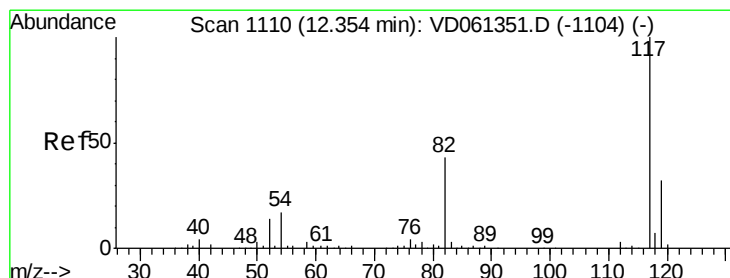
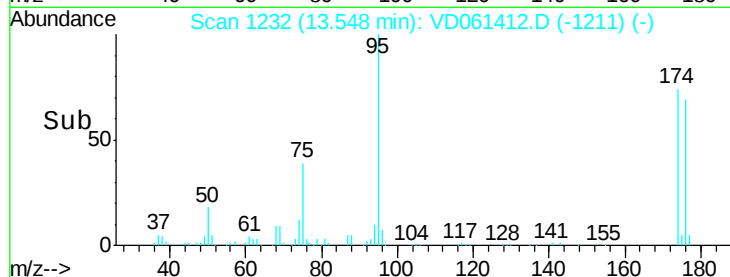
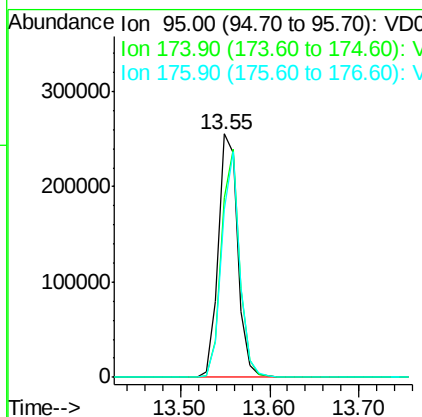
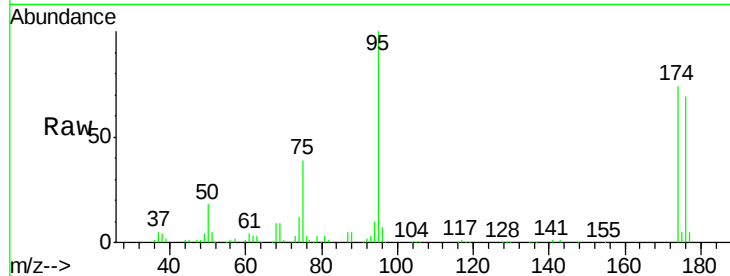




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061412.D
Acq: 29 Mar 2019 3:24

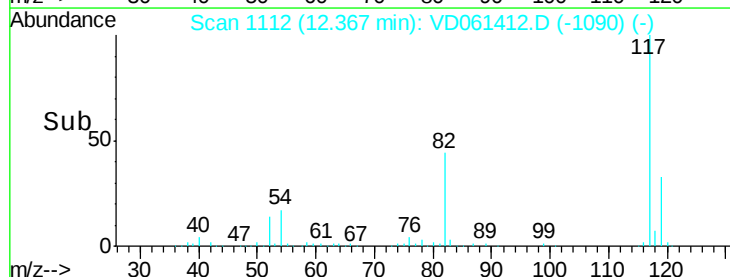
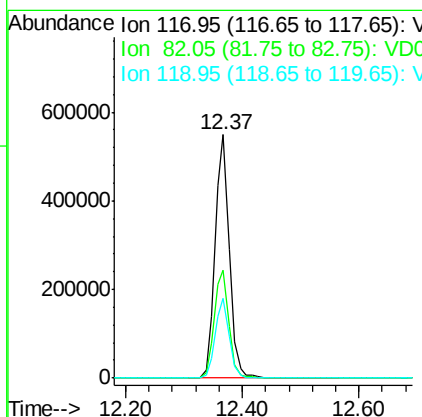
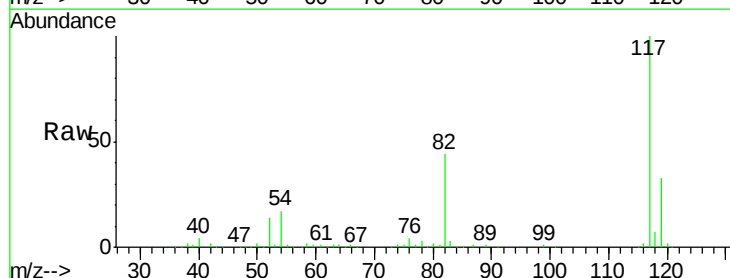
Instrument :
MSVOA_D
ClientSampleId :
VD0329SB02

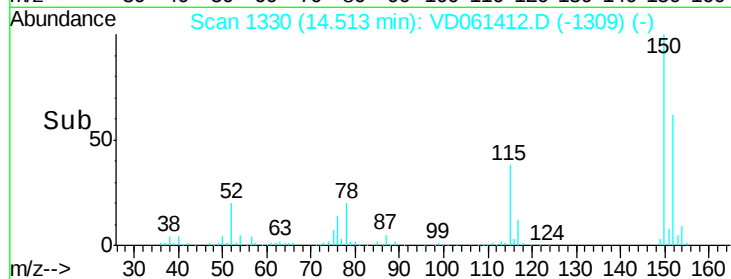
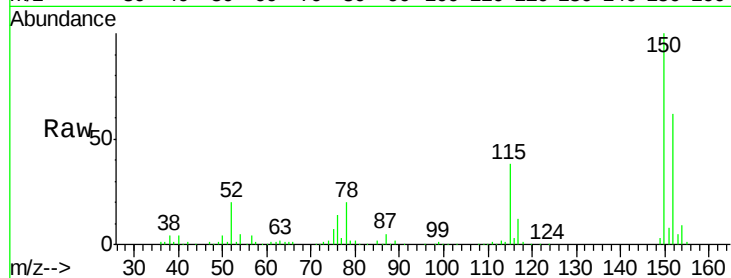
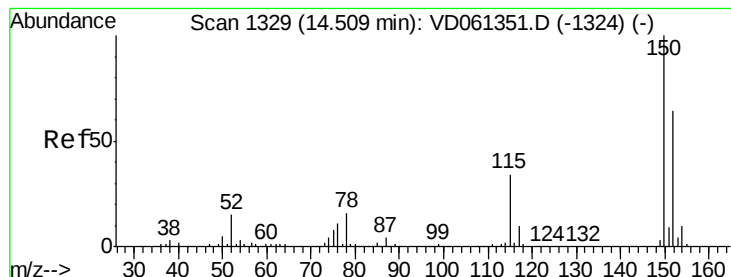
Tot Ion: 95 Resp: 392574
Ion Ratio Lower Upper
95 100
174 73.6 0.0 178.0
176 69.3 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061412.D
Acq: 29 Mar 2019 3:24

Tgt Ion: 117 Resp: 921269
Ion Ratio Lower Upper
117 100
82 44.3 34.4 51.6
119 32.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061412.D

Acq: 29 Mar 2019 3:24

Instrument :

MSVOA_D

ClientSampleId :

VD0329SB02

Tot Ion:152 Resp: 366776

Ion Ratio Lower Upper

152 100

115 60.6 26.9 80.6

150 161.1 0.0 318.0

