

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063550.D
 Acq On : 14 Aug 2019 3:02
 Operator : JC/SY
 Sample : VD0813SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBL02

Quant Time: Aug 14 09:54:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

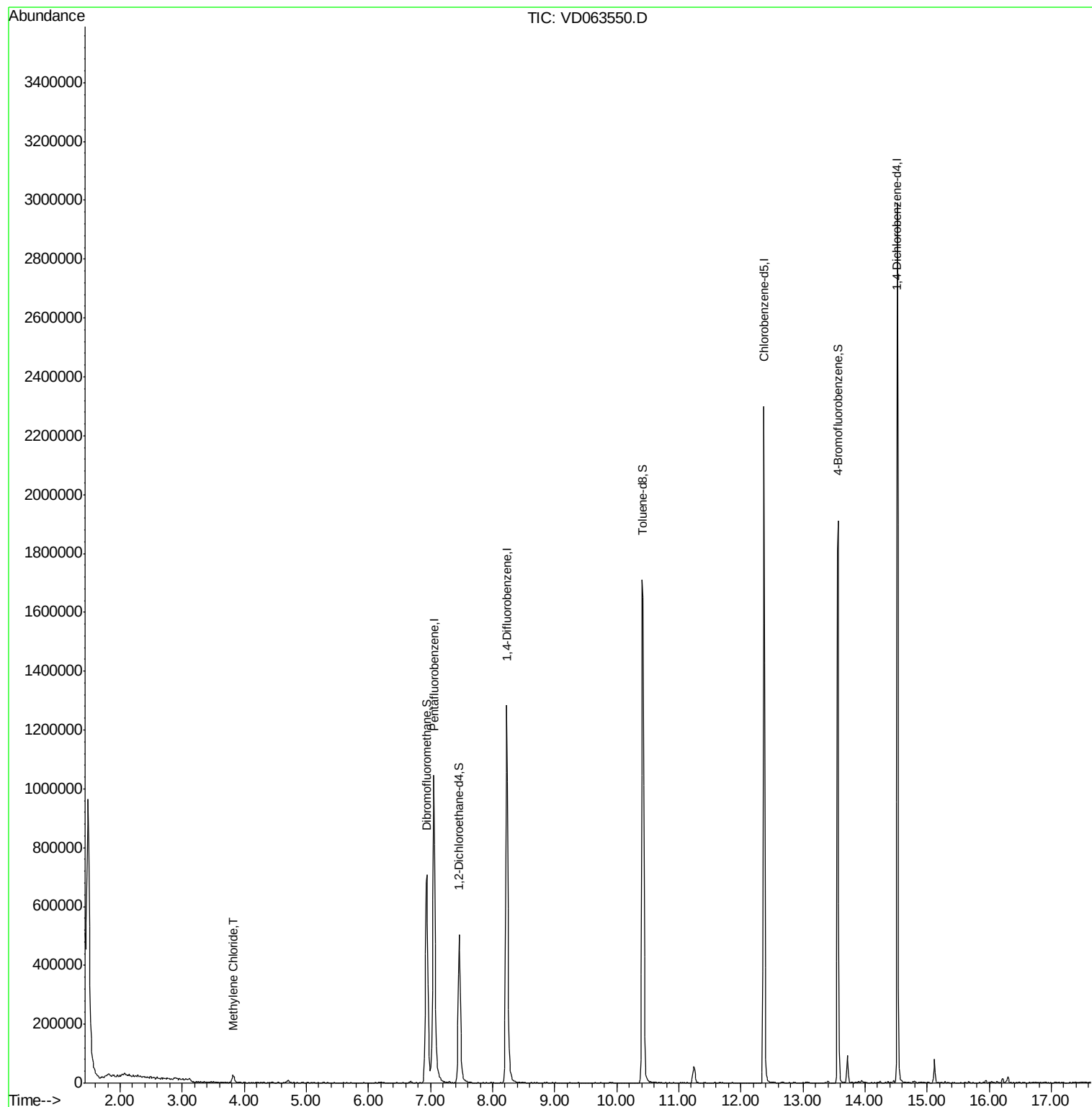
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	991152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1367641	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1213749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	619465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	572012	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	6.94	113	633078	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
50) Toluene-d8	10.41	98	1406507	55.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.08%	
62) 4-Bromofluorobenzene	13.55	95	574245	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
Target Compounds						
20) Methylene Chloride	3.82	84	13706	1.472	ug/l #	85

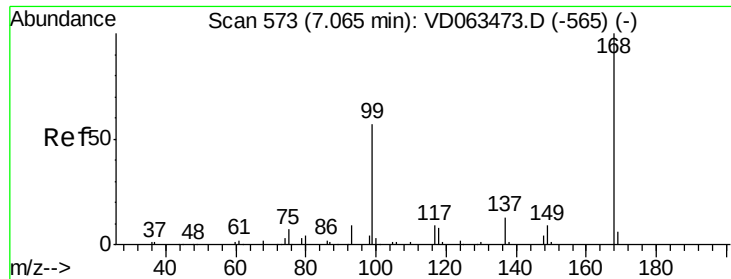
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD063550.D

Acq: 14 Aug 2019 3:02

Instrument :

MSVOA_D

ClientSampleId :

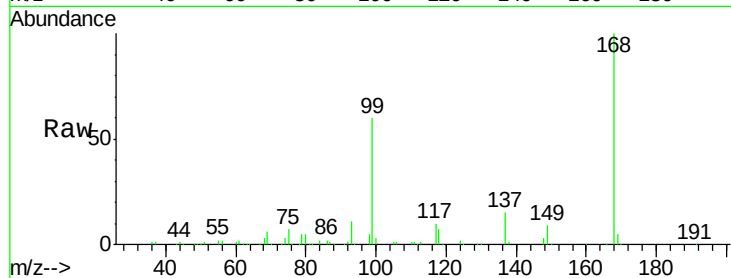
VD0813SBL02

Tot Ion:168 Resp: 991152

Ion Ratio Lower Upper

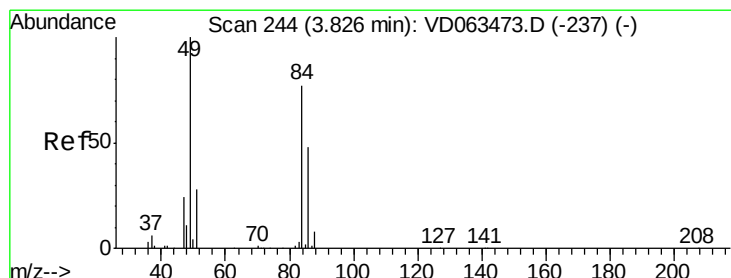
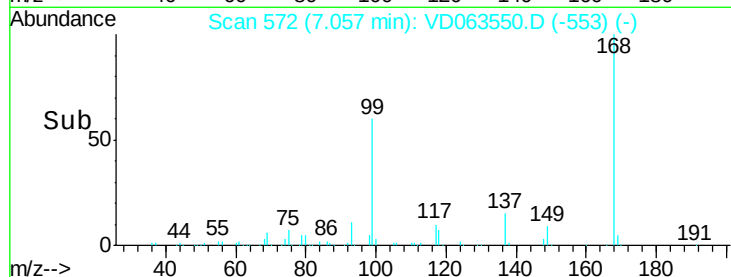
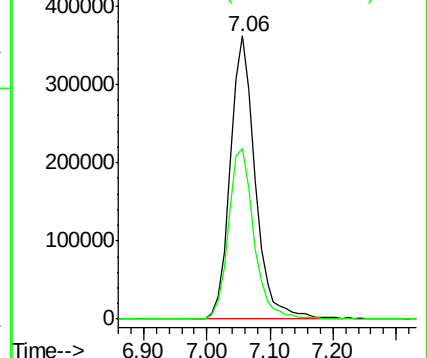
168 100

99 60.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 1.472 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.01 min

Lab File: VD063550.D

Acq: 14 Aug 2019 3:02

Tgt Ion: 84 Resp: 13706

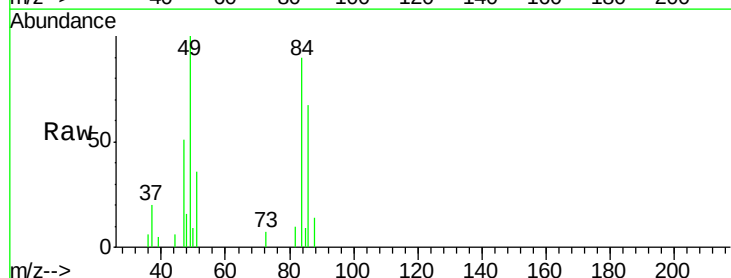
Ion Ratio Lower Upper

84 100

49 111.1 103.4 155.2

51 40.0 28.5 42.7

86 74.4 49.4 74.2#

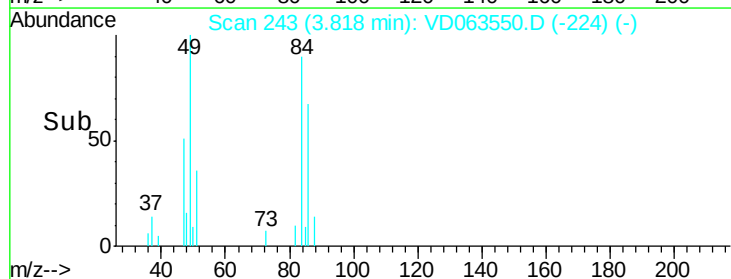
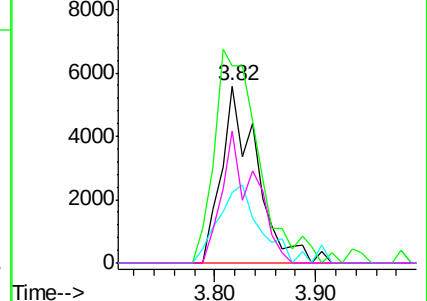


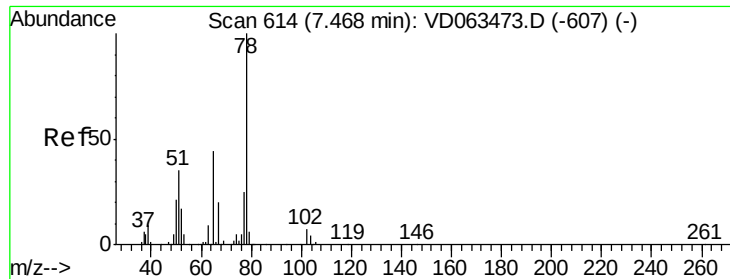
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

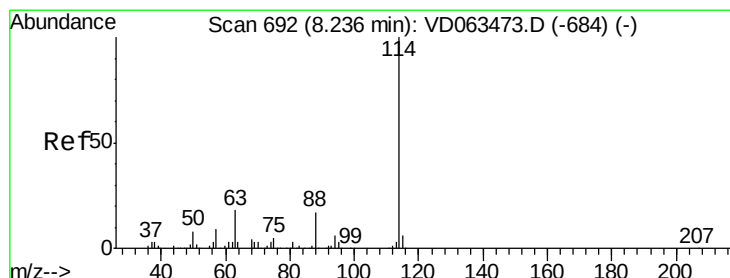
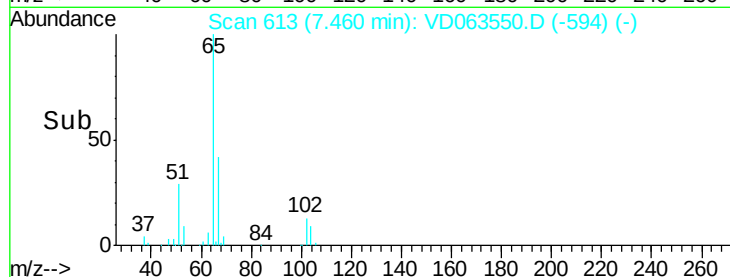
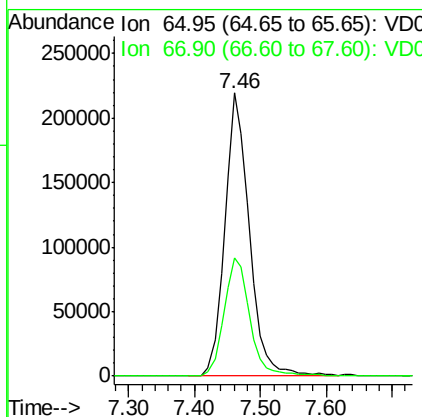
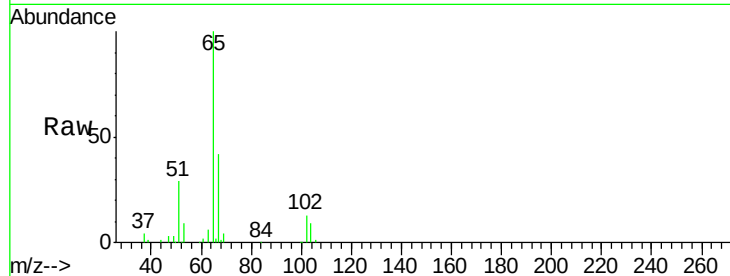




#33
 1,2-Dichloroethane-d4
 Concen: 53.991 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD063550.D
 Acq: 14 Aug 2019 3:02

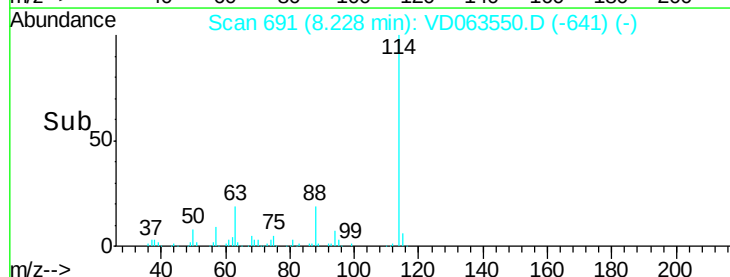
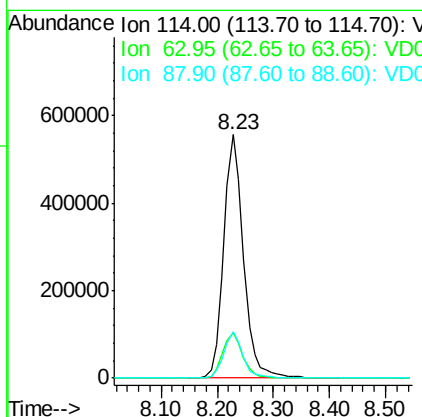
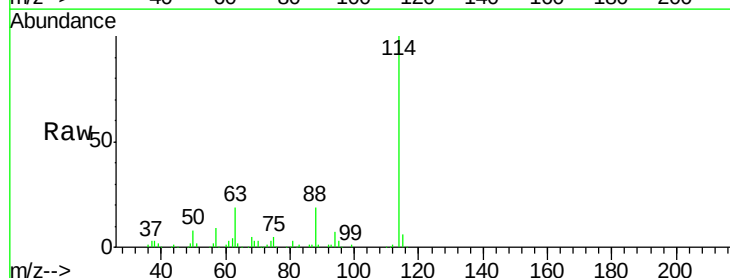
Instrument :
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 VD0813SBL02

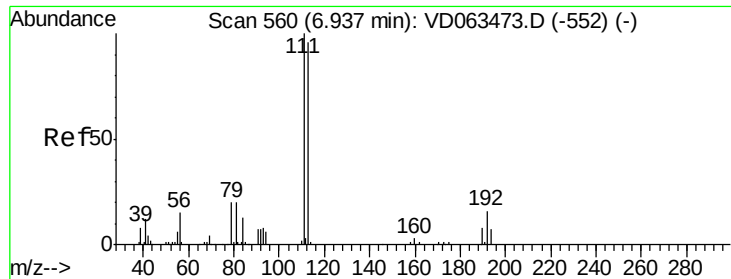
Tot Ion: 65 Resp: 572012
 Ion Ratio Lower Upper
 65 100
 67 41.9 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD063550.D
 Acq: 14 Aug 2019 3:02

Tgt Ion: 114 Resp: 1367641
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.2
 88 19.1 0.0 35.0

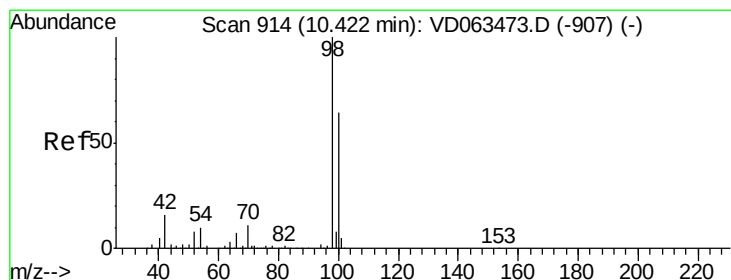
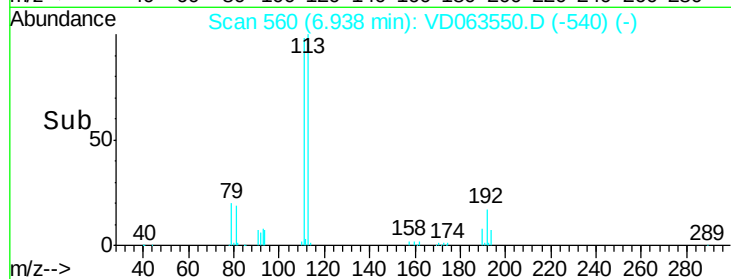
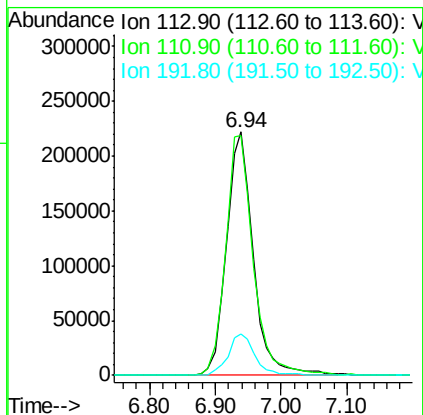
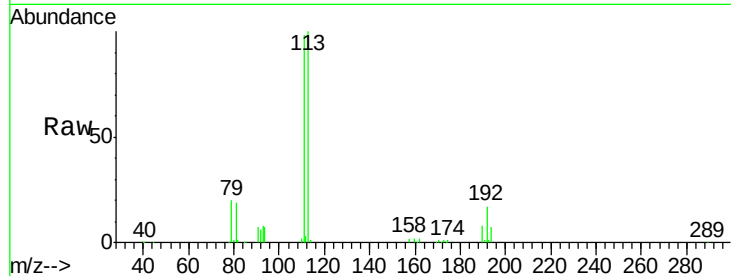




#35
 Dibromofluoromethane
 Concen: 54.963 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.00 min
 Lab File: VD063550.D
 Acq: 14 Aug 2019 3:02

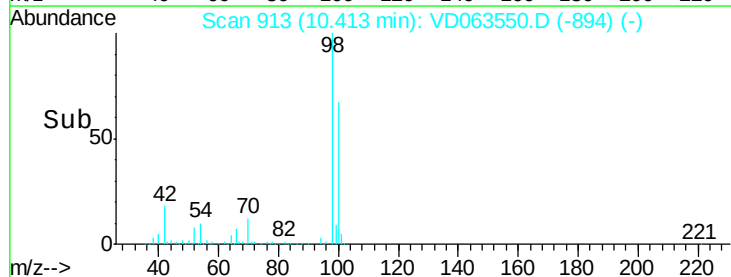
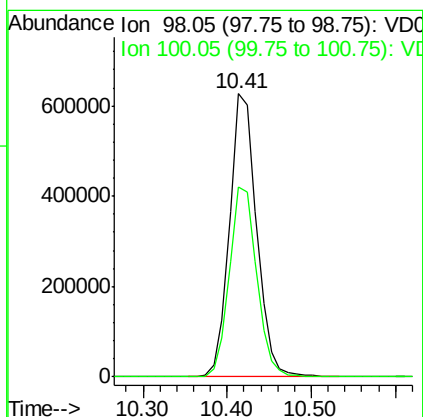
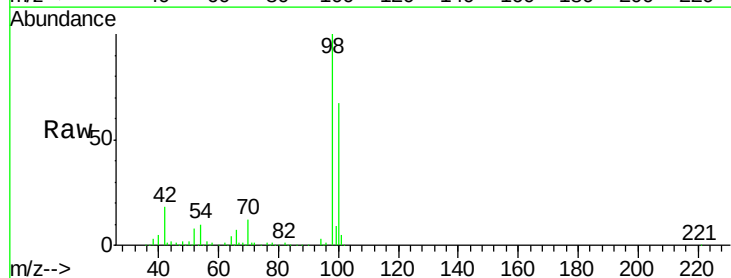
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0813SBL02

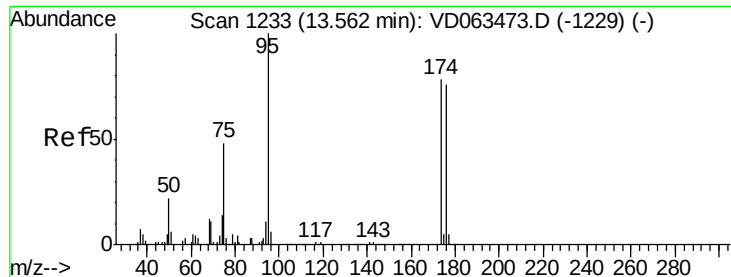
Tot Ion:113 Resp: 633078
 Ion Ratio Lower Upper
 113 100
 111 98.4 83.1 124.7
 192 16.7 13.1 19.7



#50
 Toluene-d8
 Concen: 55.541 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD063550.D
 Acq: 14 Aug 2019 3:02

Tgt Ion: 98 Resp: 1406507
 Ion Ratio Lower Upper
 98 100
 100 67.0 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.031 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063550.D

Acq: 14 Aug 2019 3:02

Instrument :

MSVOA_D

ClientSampleId :

VD0813SBL02

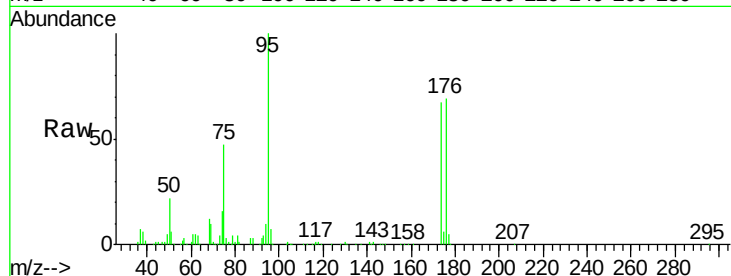
Tot Ion: 95 Resp: 574245

Ion Ratio Lower Upper

95 100

174 67.1 0.0 155.4

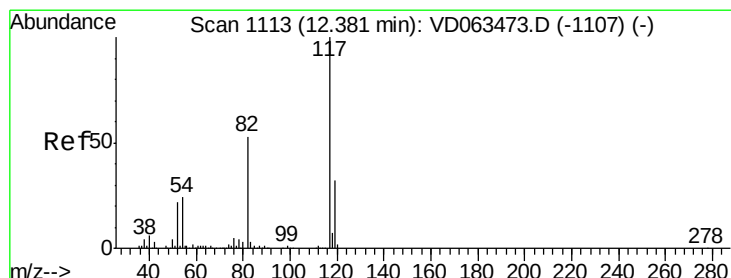
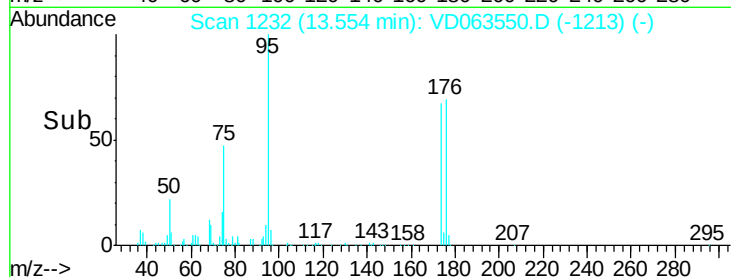
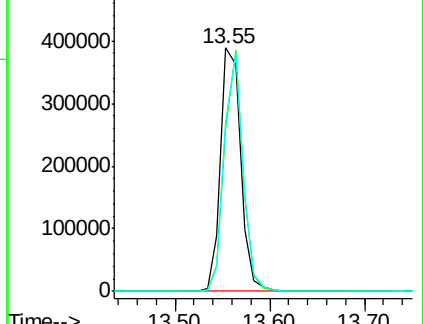
176 69.4 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VD063473.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD063473.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD063473.D (-1229) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD063550.D

Acq: 14 Aug 2019 3:02

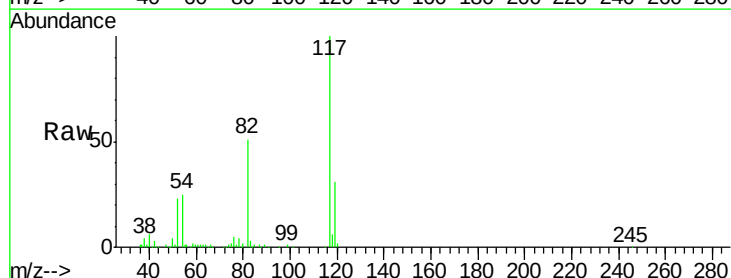
Tgt Ion: 117 Resp: 1213749

Ion Ratio Lower Upper

117 100

82 51.3 42.0 63.0

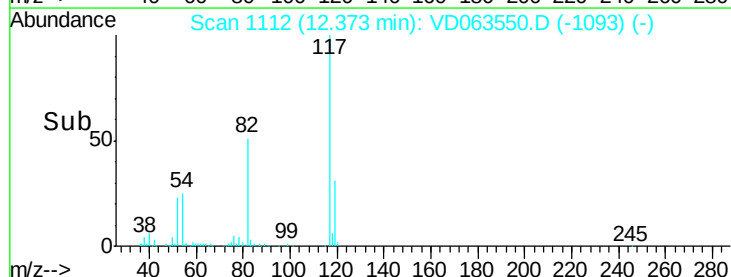
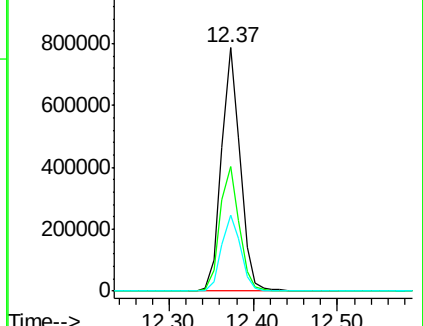
119 31.0 25.4 38.0

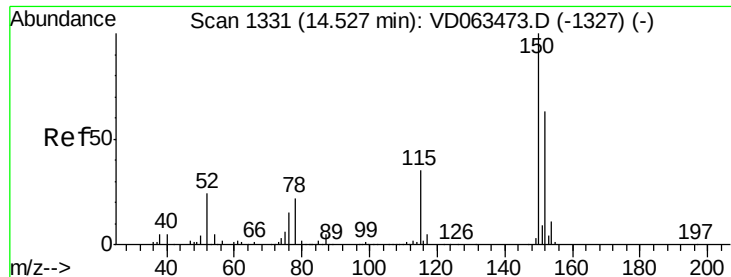


Abundance Ion 116.95 (116.65 to 117.65): VD063473.D (-1107) (-)

Ion 82.05 (81.75 to 82.75): VD063473.D (-1107) (-)

Ion 118.95 (118.65 to 119.65): VD063473.D (-1107) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063550.D

Acq: 14 Aug 2019 3:02

Instrument :

MSVOA_D

ClientSampleId :

VD0813SBL02

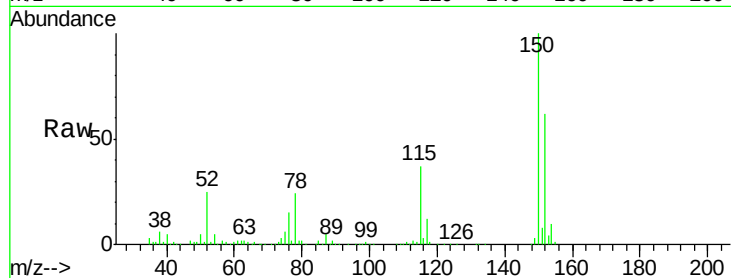
Tot Ion:152 Resp: 619465

Ion Ratio Lower Upper

152 100

115 59.8 30.9 92.7

150 161.0 0.0 318.6



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

