

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063152.D
 Acq On : 19 Jul 2019 14:30
 Operator : VA/AP
 Sample : K3835-03
 Misc : 5.12g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(0-2)

Quant Time: Jul 20 05:27:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	895132	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1133048	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	959215	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	364775	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	402891	36.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.26%	
35) Dibromofluoromethane	6.92	113	442470	39.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.42%	
50) Toluene-d8	10.41	98	855385	35.29	ug/l	0.01
Spiked Amount	50.000		Recovery	=	70.58%	
62) 4-Bromofluorobenzene	13.55	95	328828	29.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.64%	

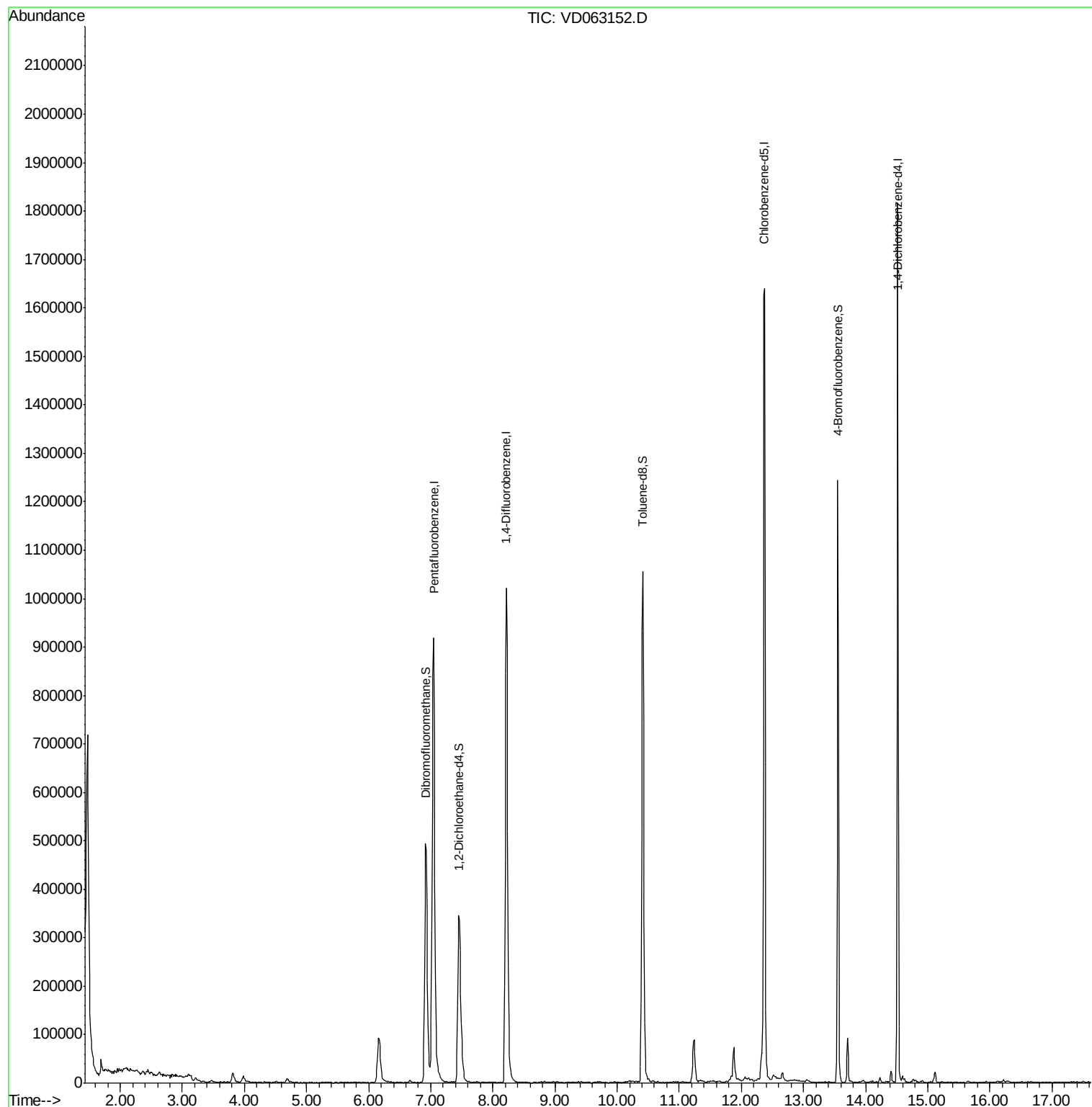
Target Compounds	Qvalue

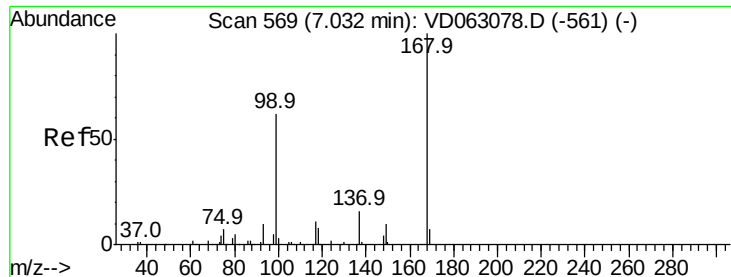
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063152.D

Acq: 19 Jul 2019 14:30

Instrument :

MSVOA_D

ClientSampleId :

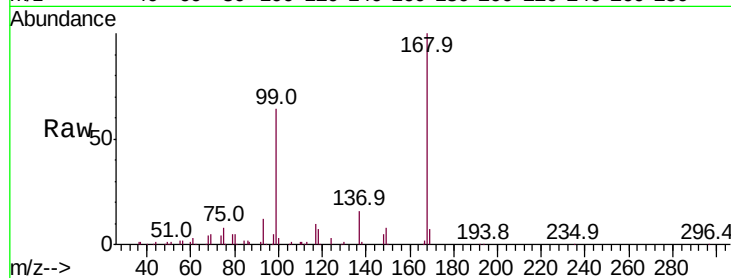
SB-2(0-2)

Tot Ion:168 Resp: 895132

Ion Ratio Lower Upper

168 100

99 64.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

300000

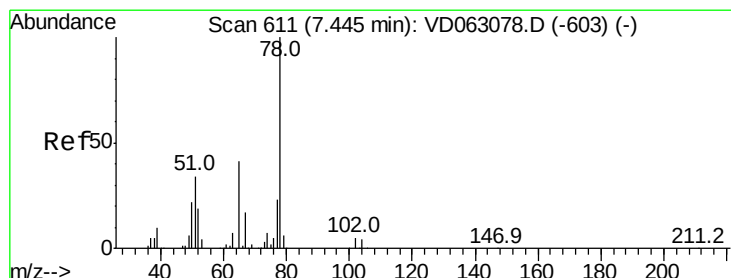
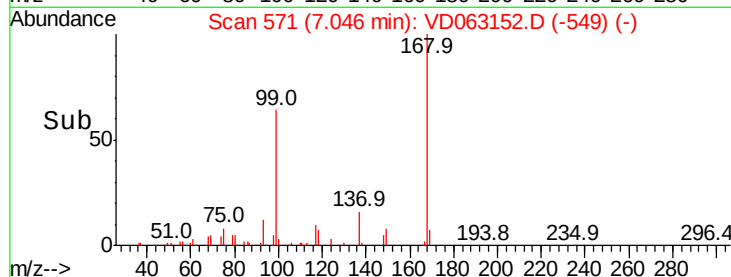
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 36.132 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063152.D

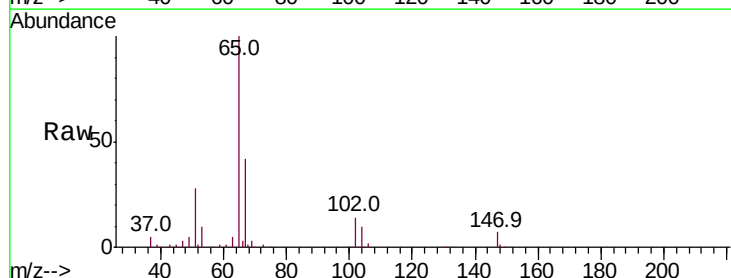
Acq: 19 Jul 2019 14:30

Tgt Ion: 65 Resp: 402891

Ion Ratio Lower Upper

65 100

67 42.0 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

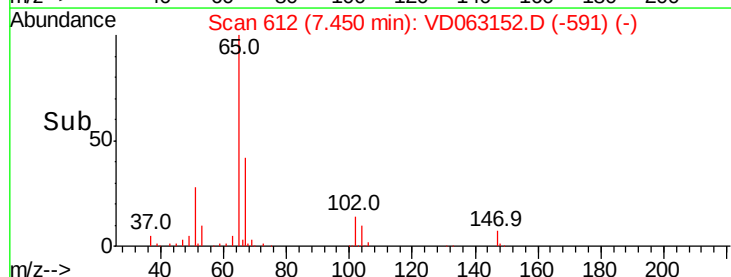
100000

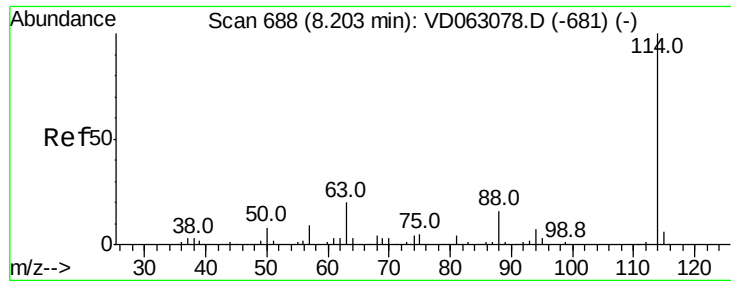
50000

0

7.30 7.40 7.50 7.60 7.70

Time-->

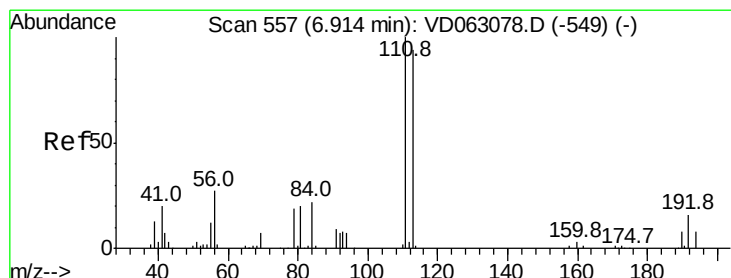
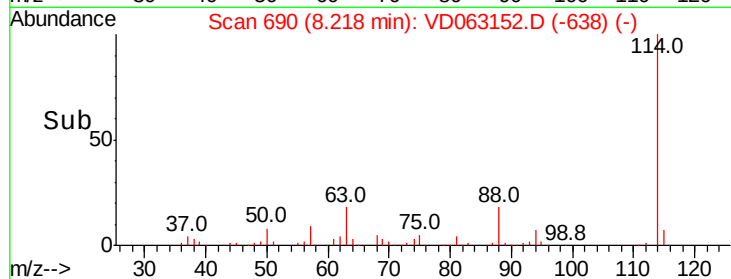
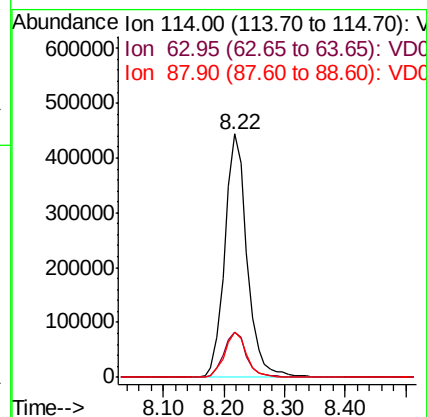
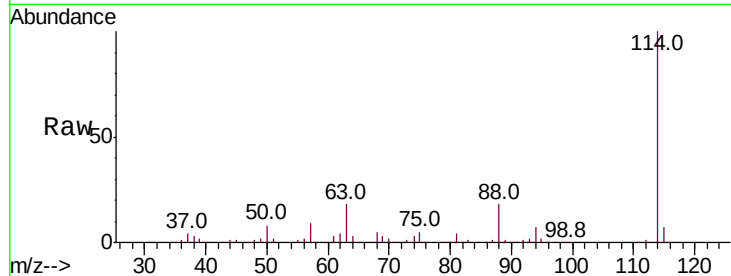




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063152.D
 Acq: 19 Jul 2019 14:30

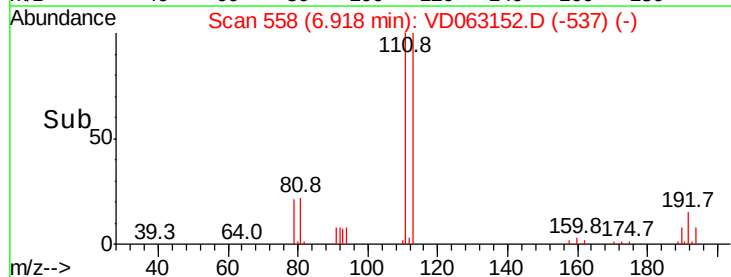
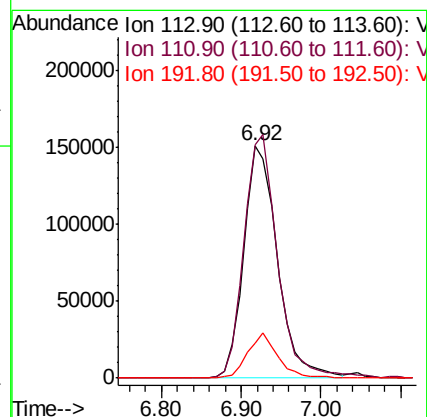
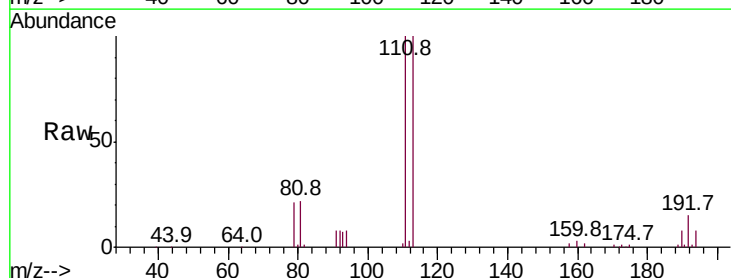
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(0-2)

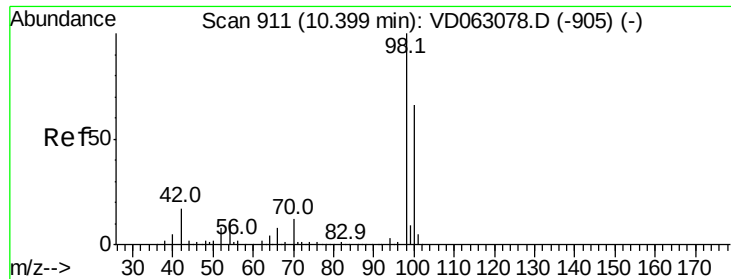
Tot Ion:114 Resp: 1133048
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 40.6
 88 18.4 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 39.207 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD063152.D
 Acq: 19 Jul 2019 14:30

Tgt Ion:113 Resp: 442470
 Ion Ratio Lower Upper
 113 100
 111 100.4 84.8 127.2
 192 14.9 13.4 20.0

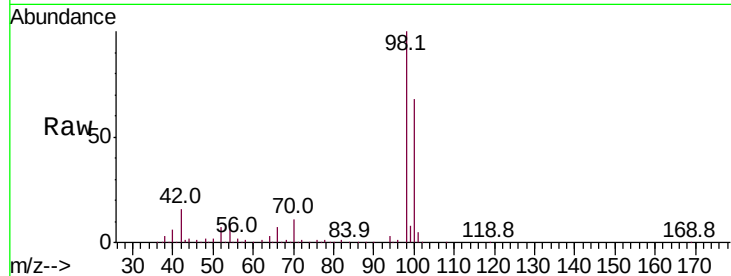




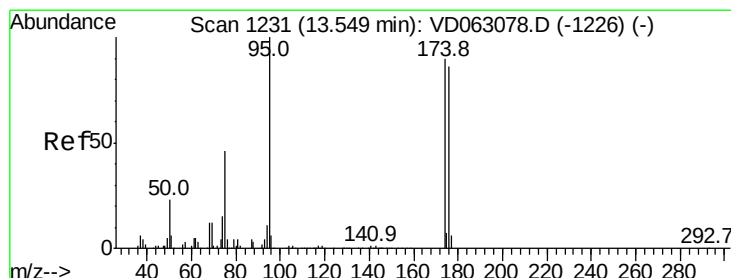
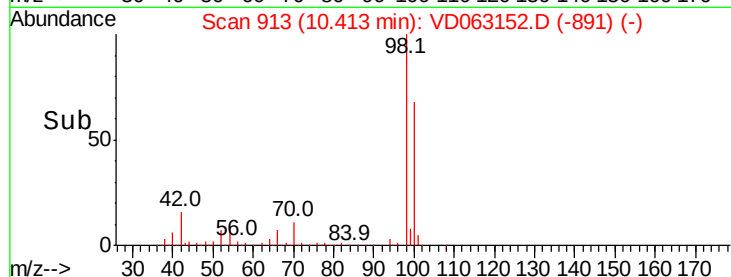
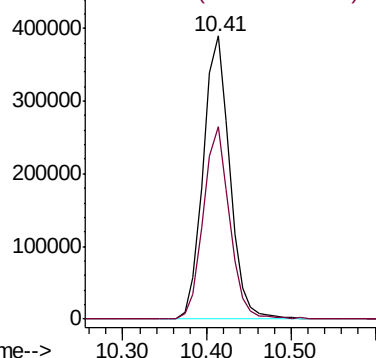
#50
Toluene-d8
Concen: 35.286 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063152.D
Acq: 19 Jul 2019 14:30

Instrument :
MSVOA_D
ClientSampleId :
SB-2(0-2)

Tot Ion: 98 Resp: 855385
Ion Ratio Lower Upper
98 100
100 68.1 53.5 80.3

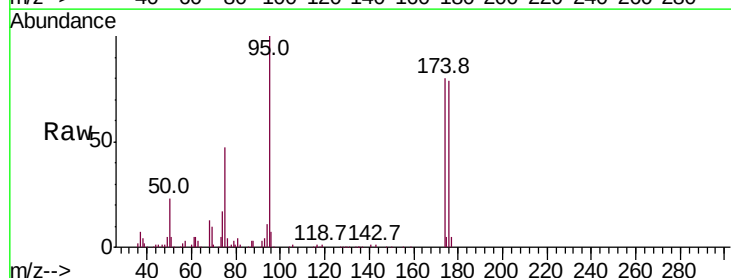


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

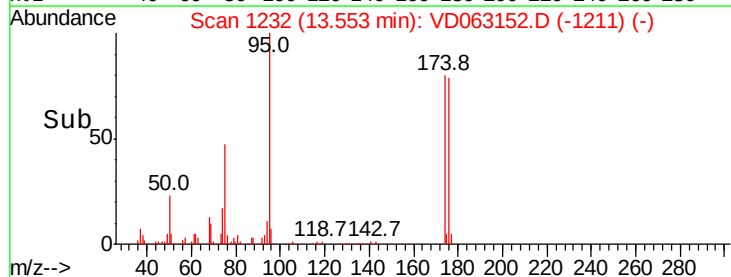
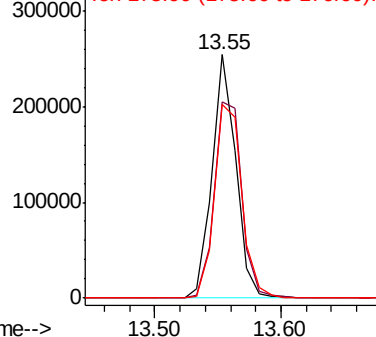


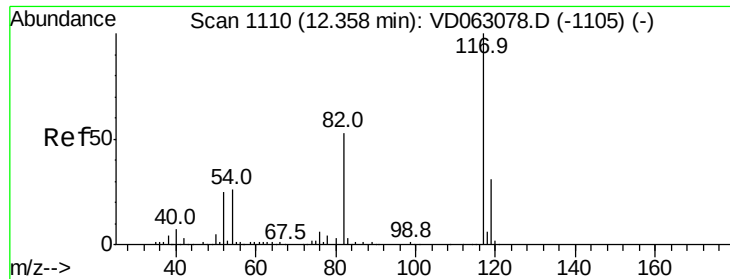
#62
4-Bromofluorobenzene
Concen: 29.321 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063152.D
Acq: 19 Jul 2019 14:30

Tgt Ion: 95 Resp: 328828
Ion Ratio Lower Upper
95 100
174 80.5 0.0 180.6
176 79.4 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

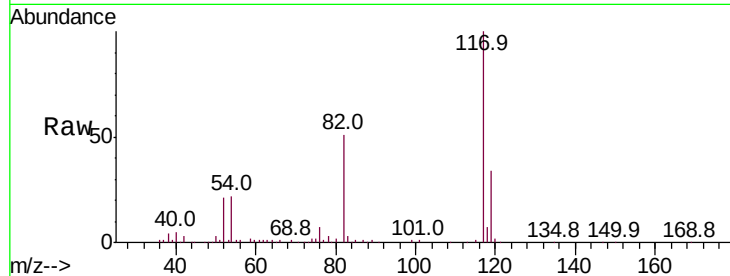




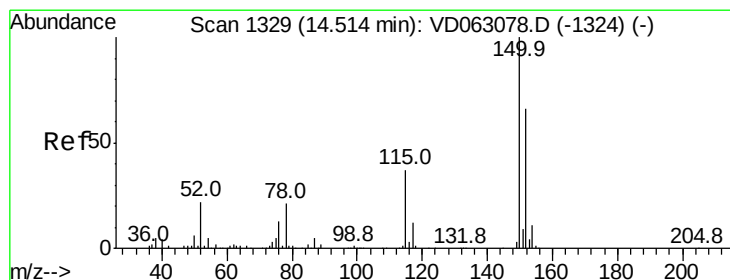
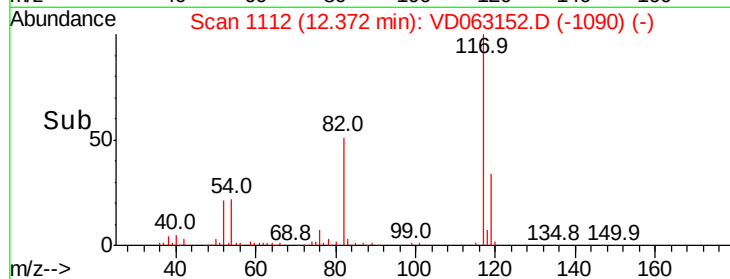
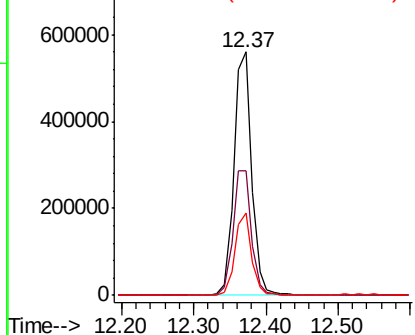
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063152.D
Acq: 19 Jul 2019 14:30

Instrument :
MSVOA_D
ClientSampleId :
SB-2(0-2)

Tot Ion:117 Resp: 959215
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 33.8 25.2 37.8

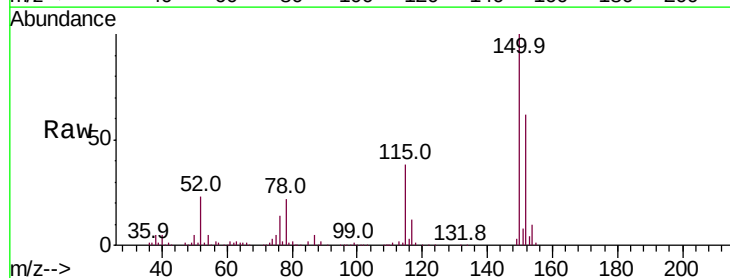


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063152.D
Acq: 19 Jul 2019 14:30

Tgt Ion:152 Resp: 364775
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.8
150 160.6 0.0 313.8



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

