

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063627.D
 Acq On : 16 Aug 2019 10:14
 Operator : JC/SY
 Sample : VD0816SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBL01

Quant Time: Aug 17 06:32:08 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	7.03	168	1137376	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.21	114	1438106	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.37	117	1242301	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	649121	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	587154	48.29	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	6.91	113	673757	55.63	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	111.26%	
50) Toluene-d8	10.40	98	1405819	52.79	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	13.55	95	620141	51.38	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.76%	

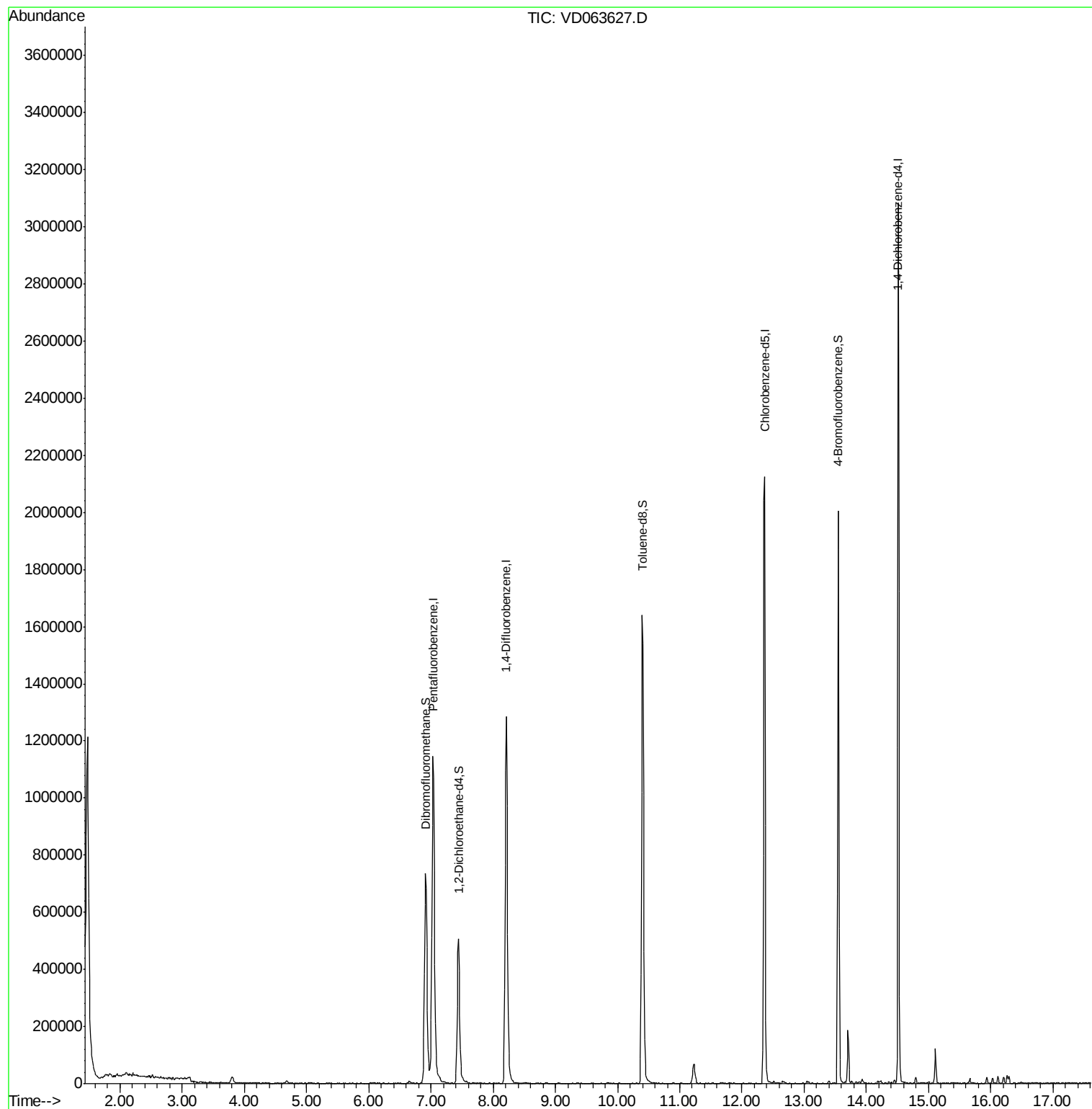
Target Compounds	Qvalue

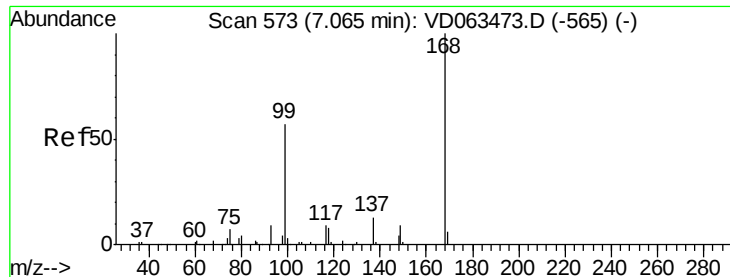
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

Instrument :

MSVOA_D

ClientSampleId :

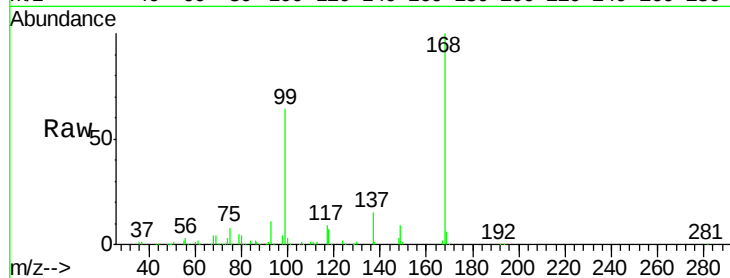
VD0816SBL01

Tot Ion:168 Resp: 1137376

Ion Ratio Lower Upper

168 100

99 63.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

400000

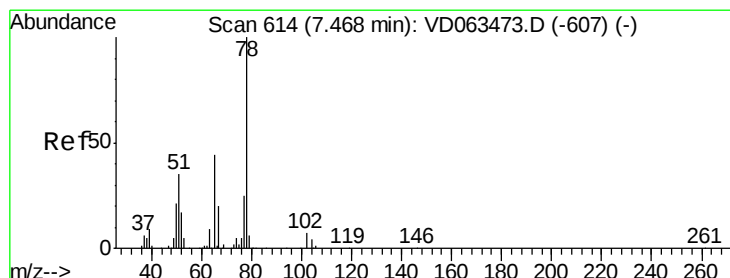
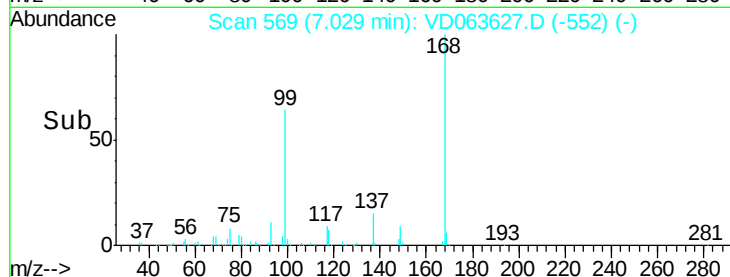
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.295 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063627.D

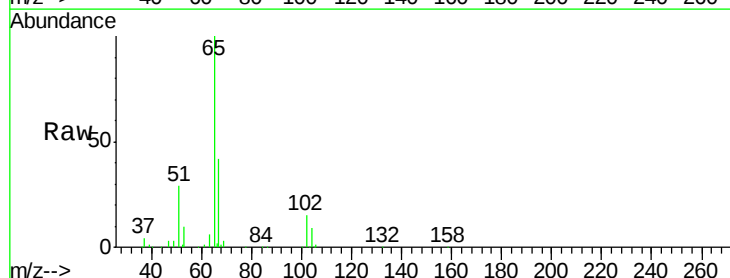
Acq: 16 Aug 2019 10:14

Tgt Ion: 65 Resp: 587154

Ion Ratio Lower Upper

65 100

67 42.4 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

250000

200000

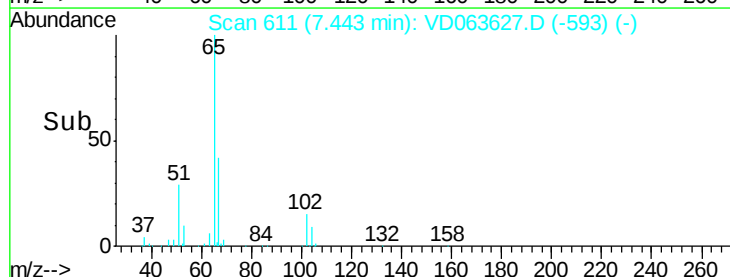
150000

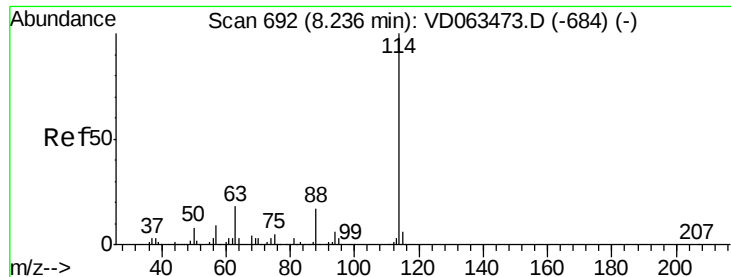
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBL01

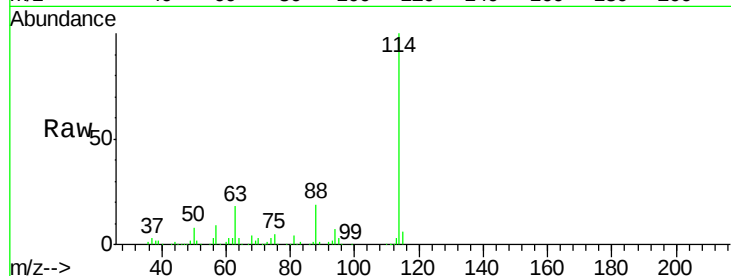
Tot Ion:114 Resp: 1438106

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.2

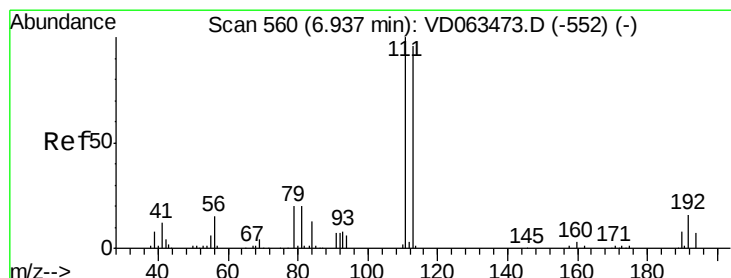
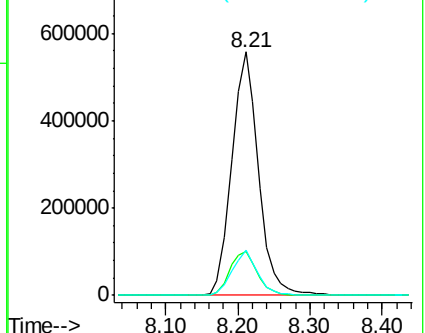
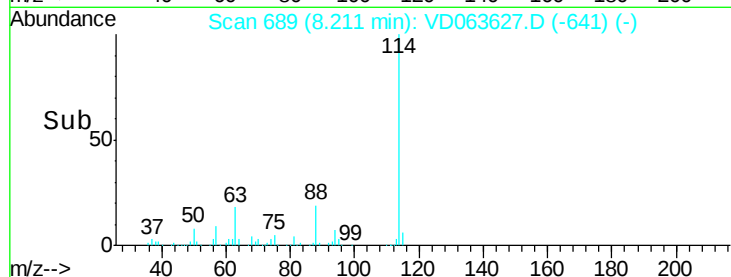
88 18.5 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 55.628 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063627.D

Acq: 16 Aug 2019 10:14

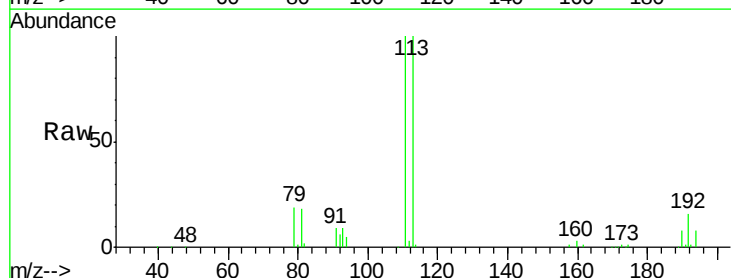
Tgt Ion:113 Resp: 673757

Ion Ratio Lower Upper

113 100

111 99.7 83.1 124.7

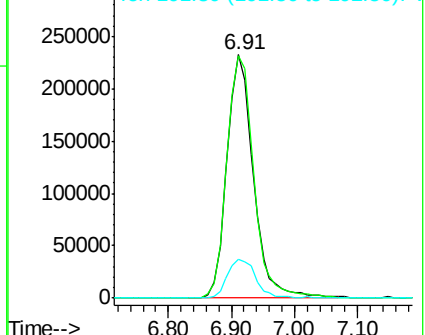
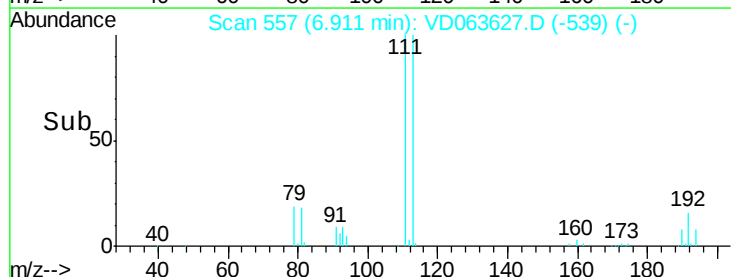
192 16.1 13.1 19.7

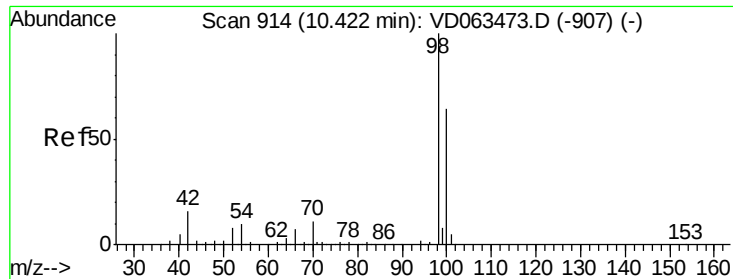


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

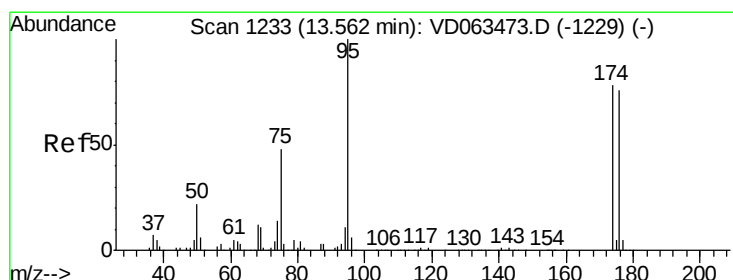
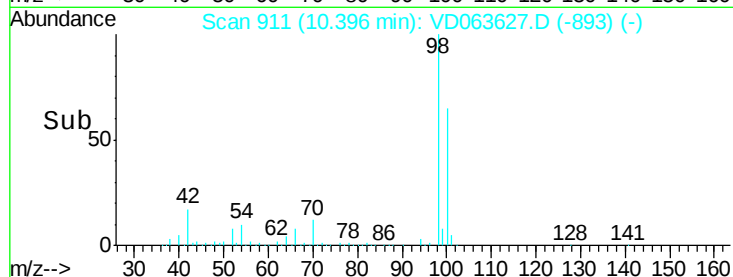
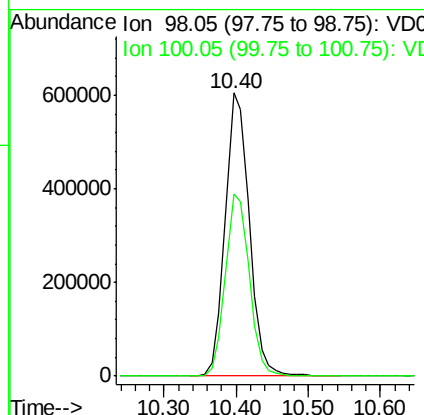
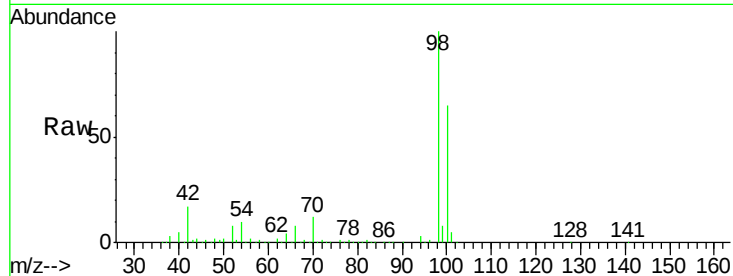




#50
Toluene-d8
Concen: 52.794 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.03 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

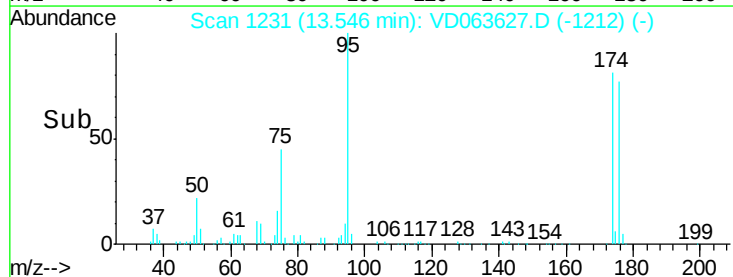
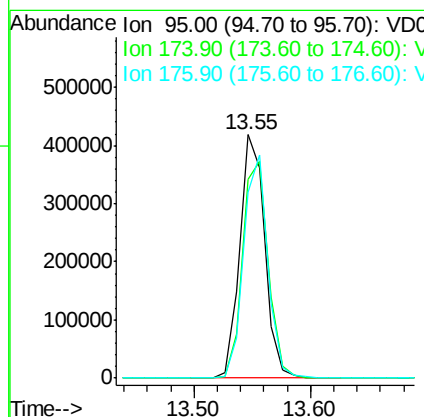
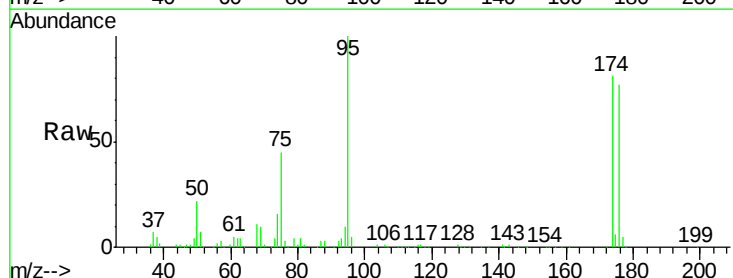
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

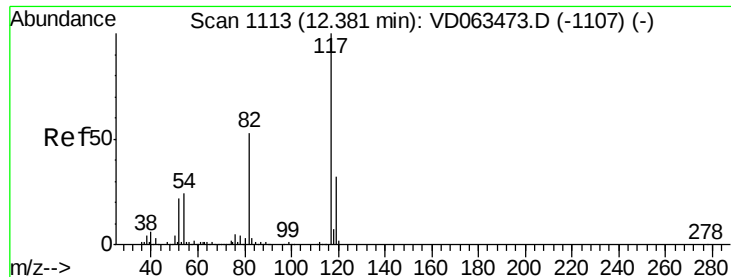
Tot Ion: 98 Resp: 1405819
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 51.382 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

Tgt Ion: 95 Resp: 620141
Ion Ratio Lower Upper
95 100
174 81.4 0.0 155.4
176 76.7 0.0 152.4

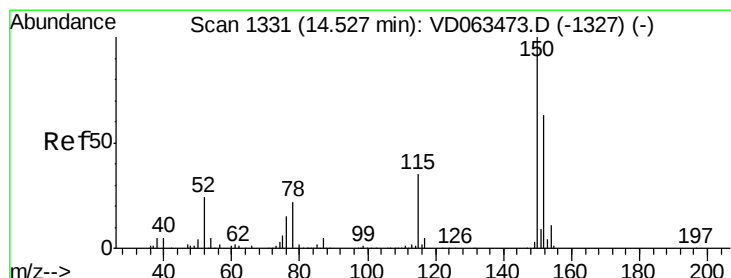
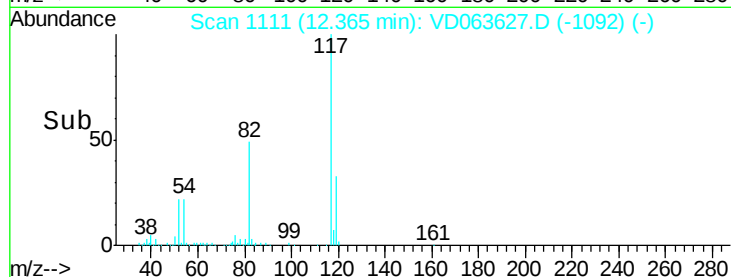
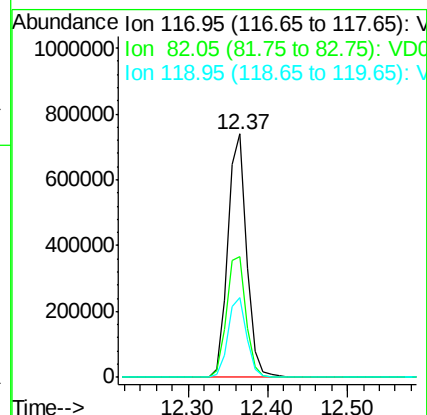
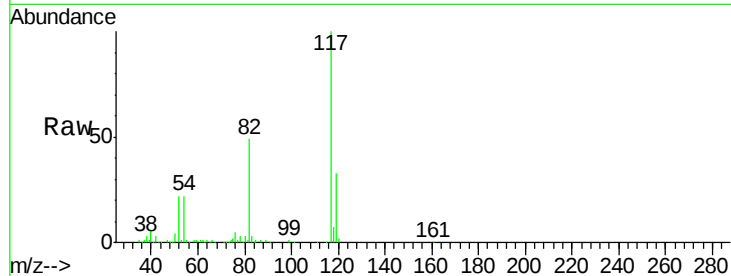




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBL01

Tot Ion:117 Resp: 1242301
Ion Ratio Lower Upper
117 100
82 49.5 42.0 63.0
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063627.D
Acq: 16 Aug 2019 10:14

Tgt Ion:152 Resp: 649121
Ion Ratio Lower Upper
152 100
115 58.4 30.9 92.7
150 149.7 0.0 318.6

