

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063621.D
 Acq On : 15 Aug 2019 22:23
 Operator : JC/SY
 Sample : K4237-08
 Misc : 6.46g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-X

Quant Time: Aug 16 01:31:30 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	655697	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	930719	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	751000	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	346359	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	552820	78.87	ug/l	-0.03
Spiked Amount			Recovery	=	157.74%	
35) Dibromofluoromethane	6.90	113	609787	77.79	ug/l	-0.03
Spiked Amount			Recovery	=	155.58%	
50) Toluene-d8	10.40	98	1151521	66.82	ug/l	-0.02
Spiked Amount			Recovery	=	133.64%	
62) 4-Bromofluorobenzene	13.55	95	497722	63.72	ug/l	-0.01
Spiked Amount			Recovery	=	127.44%	

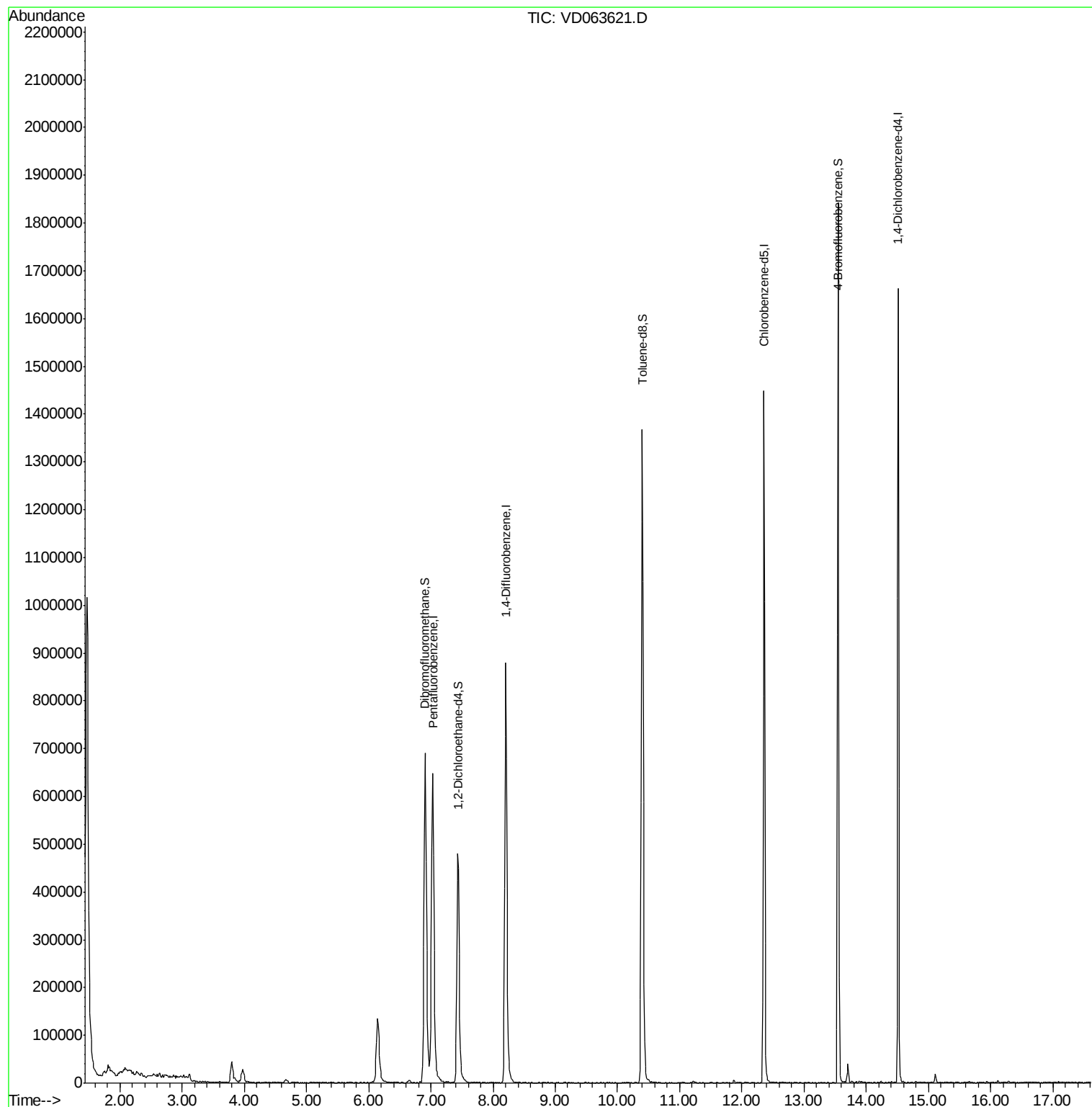
Target Compounds	Qvalue
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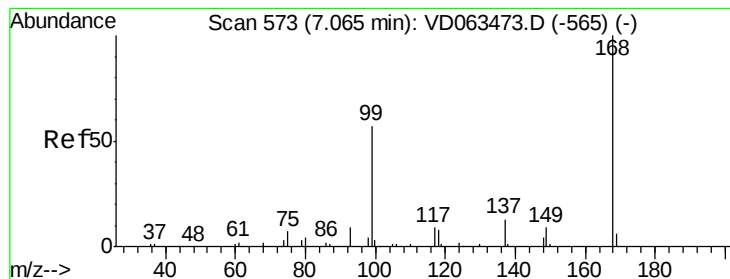
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081519\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD063621.D

Acq: 15 Aug 2019 22:23

Instrument :

MSVOA_D

ClientSampleID :

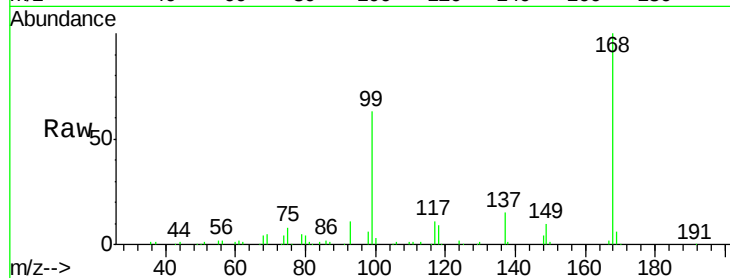
DUP-X

Tot Ion:168 Resp: 655697

Ion Ratio Lower Upper

168 100

99 63.4 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

250000

200000

150000

100000

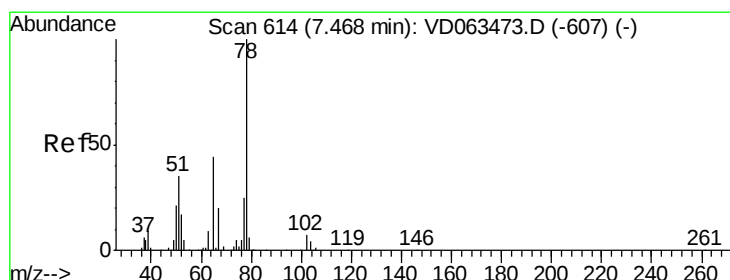
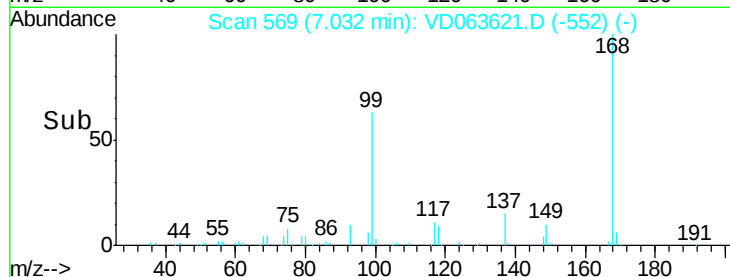
50000

0

Time-->

7.00

7.20



#33

1,2-Dichloroethane-d4

Concen: 78.874 ug/l

RT: 7.44 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD063621.D

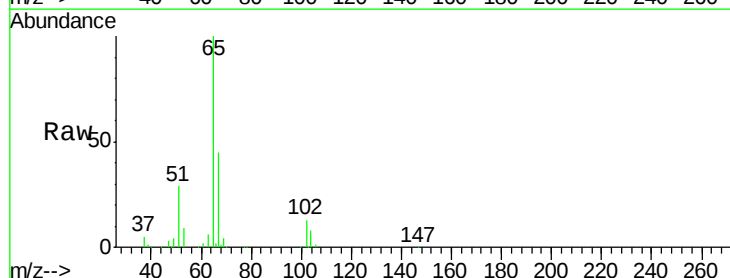
Acq: 15 Aug 2019 22:23

Tgt Ion: 65 Resp: 552820

Ion Ratio Lower Upper

65 100

67 45.0 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

200000

150000

100000

50000

0

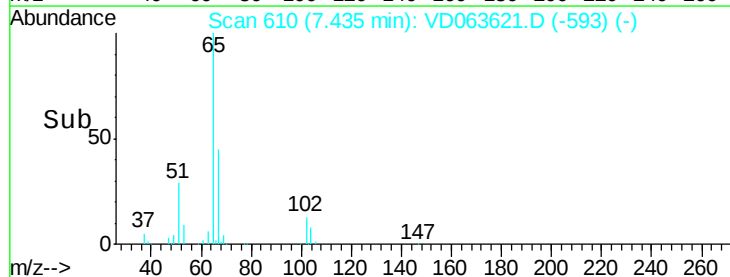
Time-->

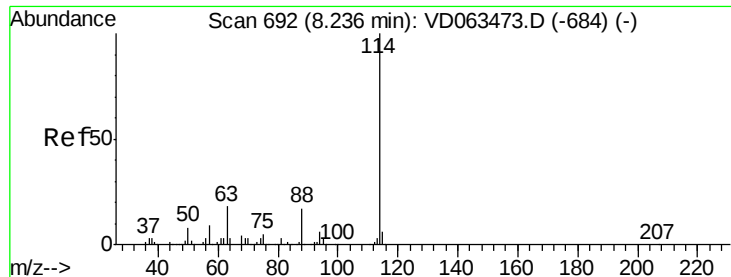
7.30

7.40

7.50

7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.03 min

Lab File: VD063621.D

Acq: 15 Aug 2019 22:23

Instrument :

MSVOA_D

ClientSampleId :

DUP-X

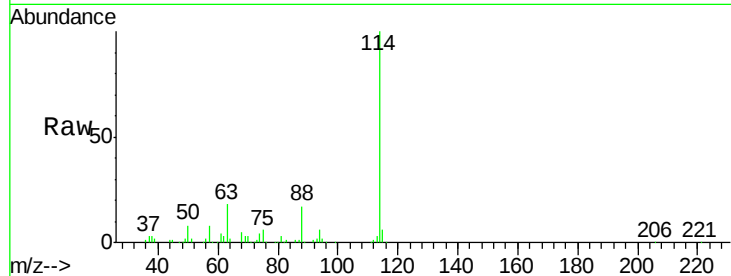
Tot Ion:114 Resp: 930719

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.2

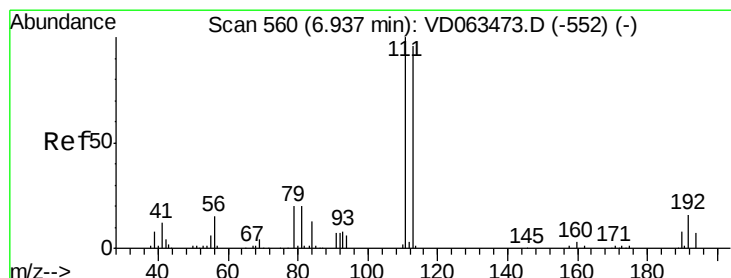
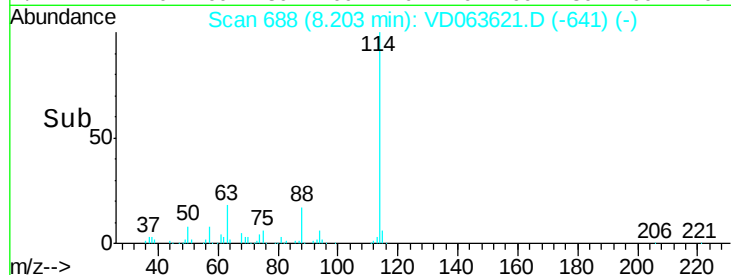
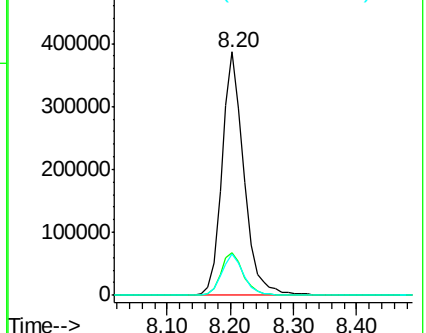
88 17.2 0.0 35.0



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: 77.793 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD063621.D

Acq: 15 Aug 2019 22:23

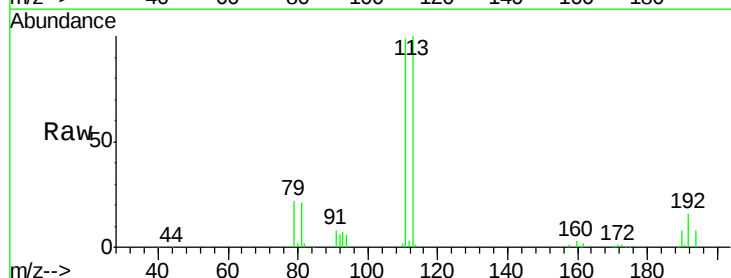
Tgt Ion:113 Resp: 609787

Ion Ratio Lower Upper

113 100

111 99.0 83.1 124.7

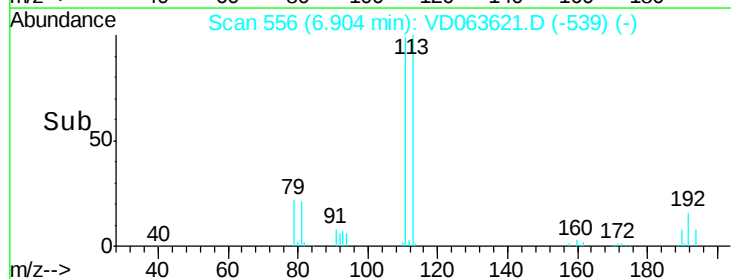
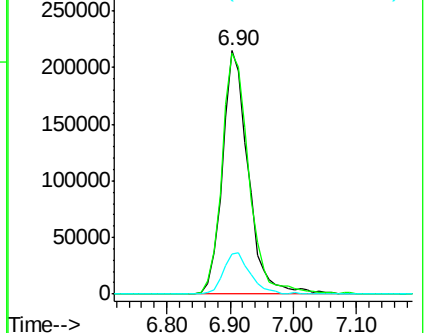
192 16.4 13.1 19.7

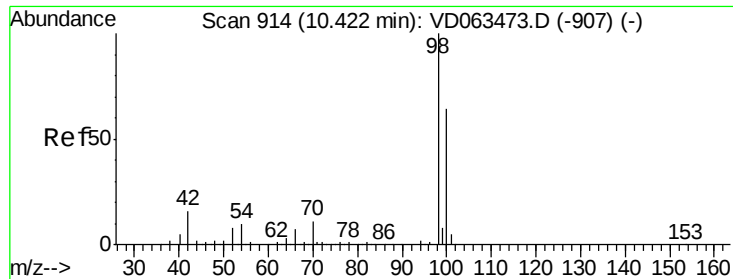


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

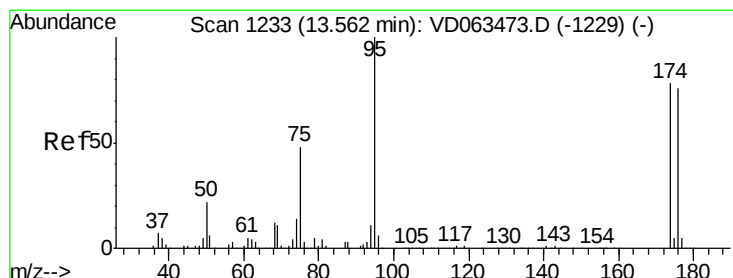
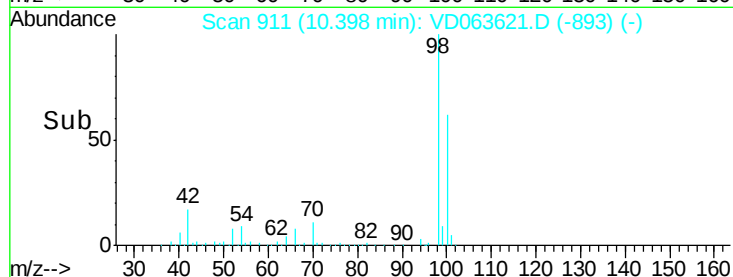
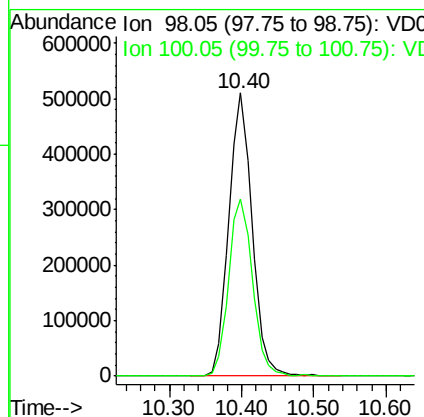
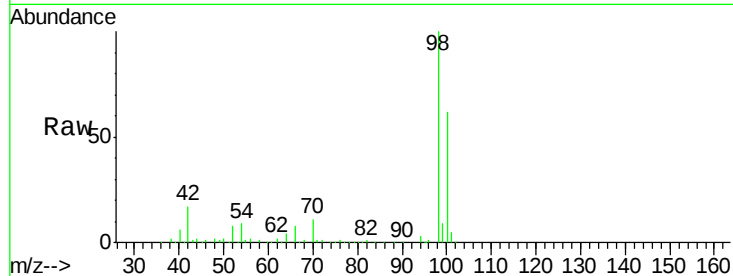




#50
Toluene-d8
Concen: 66.819 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.02 min
Lab File: VD063621.D
Acq: 15 Aug 2019 22:23

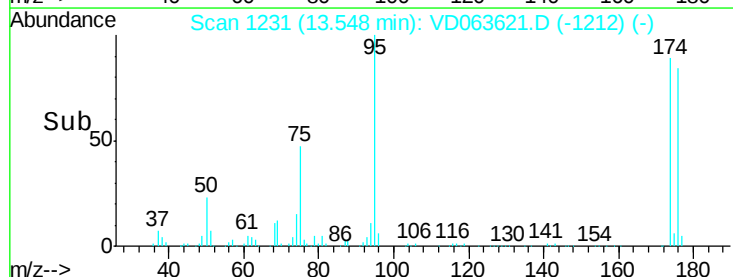
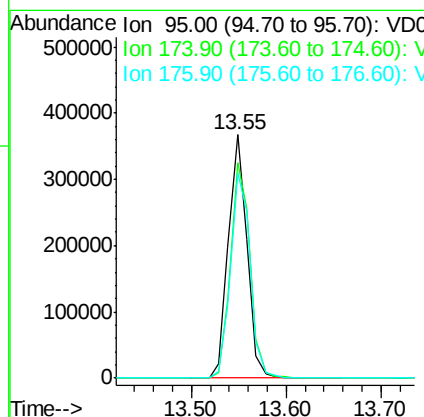
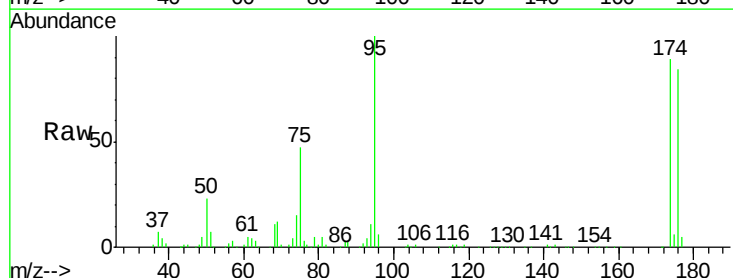
Instrument :
MSVOA_D
ClientSampleId :
DUP-X

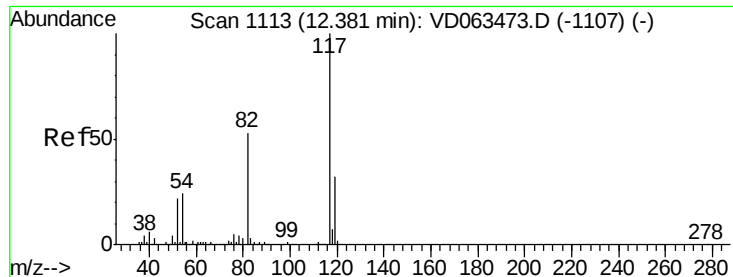
Tot Ion: 98 Resp: 1151521
Ion Ratio Lower Upper
98 100
100 62.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 63.721 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD063621.D
Acq: 15 Aug 2019 22:23

Tgt Ion: 95 Resp: 497722
Ion Ratio Lower Upper
95 100
174 88.6 0.0 155.4
176 84.1 0.0 152.4

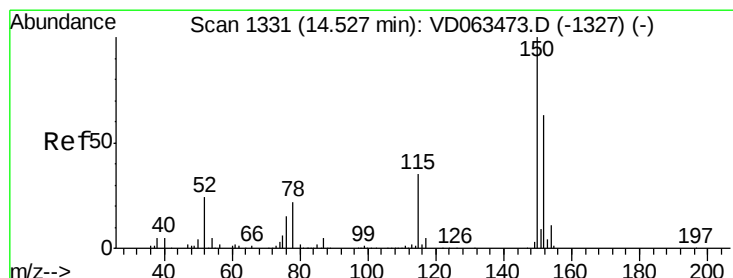
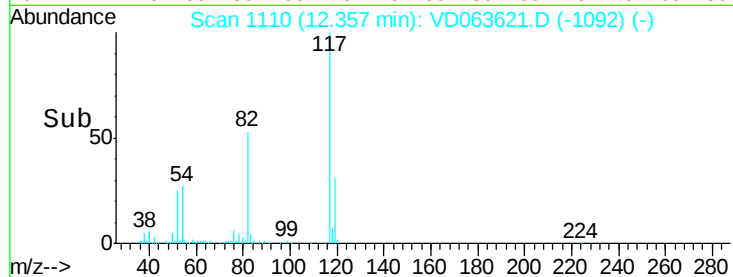
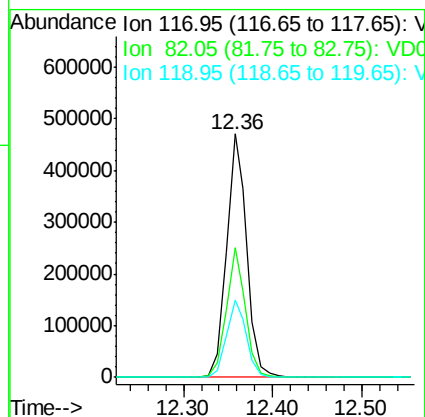
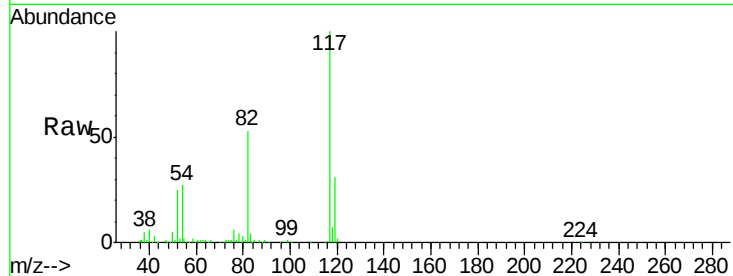




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD063621.D
Acq: 15 Aug 2019 22:23

Instrument :
MSVOA_D
ClientSampleId :
DUP-X

Tot Ion:117 Resp: 751000
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063621.D
Acq: 15 Aug 2019 22:23

Tgt Ion:152 Resp: 346359
Ion Ratio Lower Upper
152 100
115 56.3 30.9 92.7
150 156.0 0.0 318.6

