

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063540.D
 Acq On : 13 Aug 2019 21:10
 Operator : JC/SY
 Sample : K4321-03
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Aug 14 09:24:55 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	7.05	168	974192	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1442099	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1255512	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	635685	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	477202	45.83	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=		91.66%
35) Dibromofluoromethane	6.93	113	556557	45.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=		91.64%
50) Toluene-d8	10.42	98	1141020	42.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=		85.46%
62) 4-Bromofluorobenzene	13.56	95	473052	39.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=		78.18%

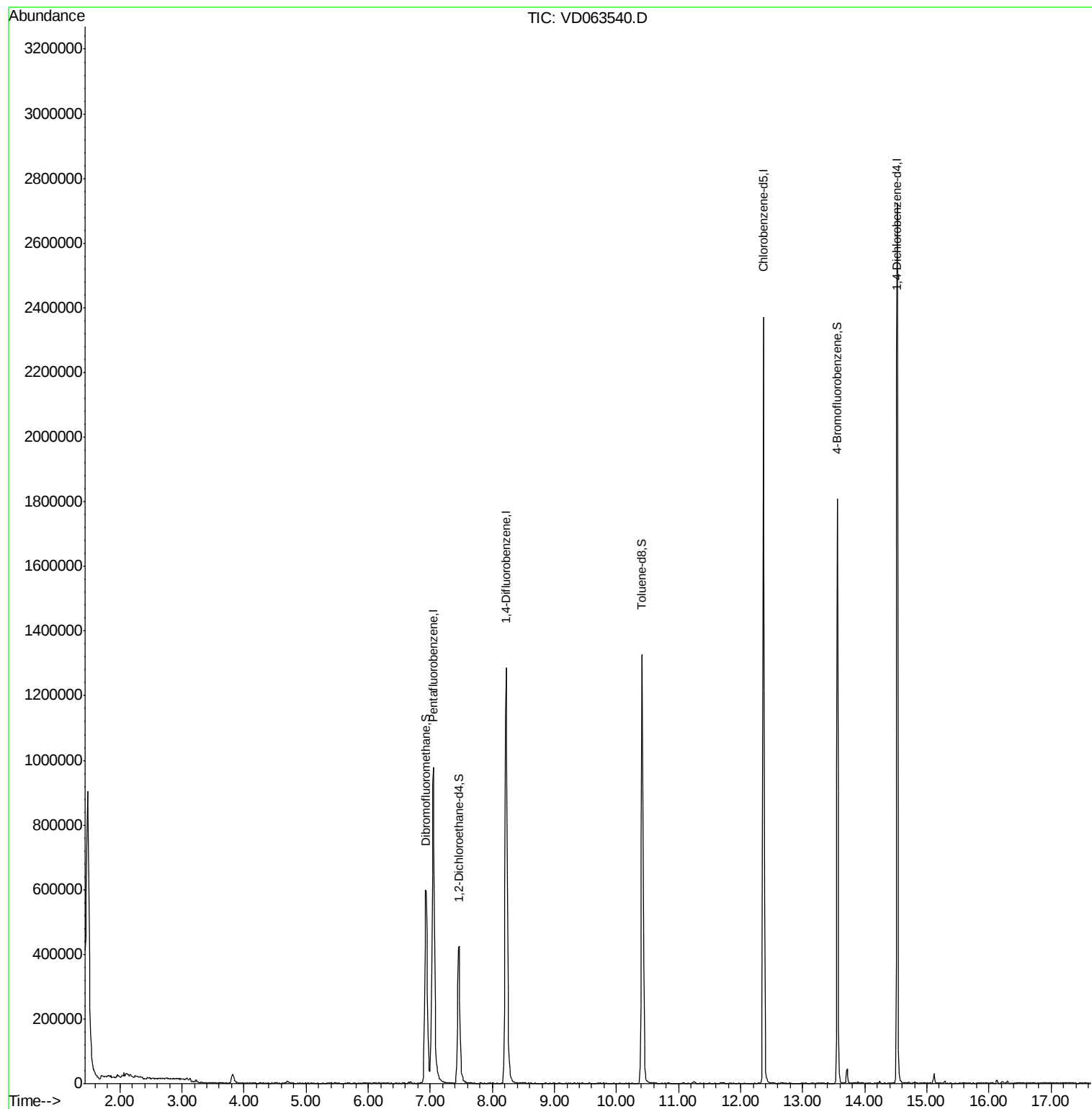
Target Compounds	Qvalue

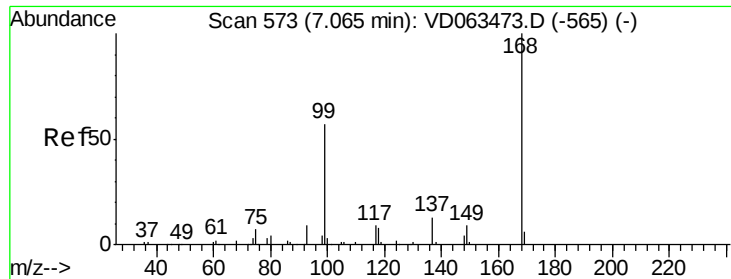
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063540.D

Acq: 13 Aug 2019 21:10

Instrument :

MSVOA_D

ClientSampleId :

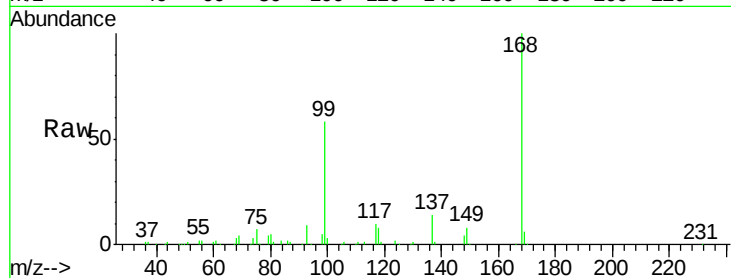
SP-2

Tot Ion:168 Resp: 974192

Ion Ratio Lower Upper

168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

400000

300000

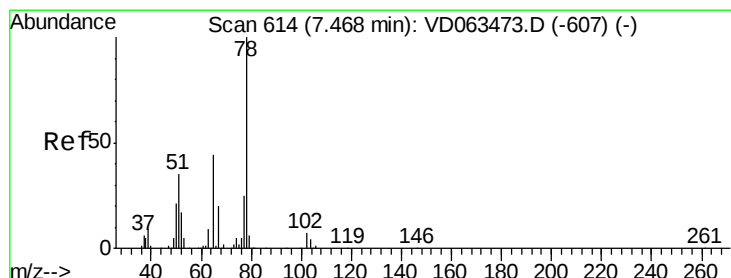
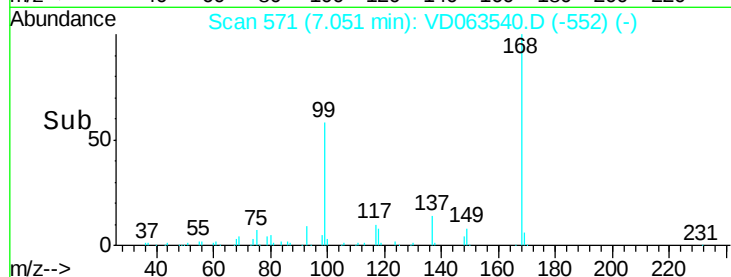
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 45.826 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063540.D

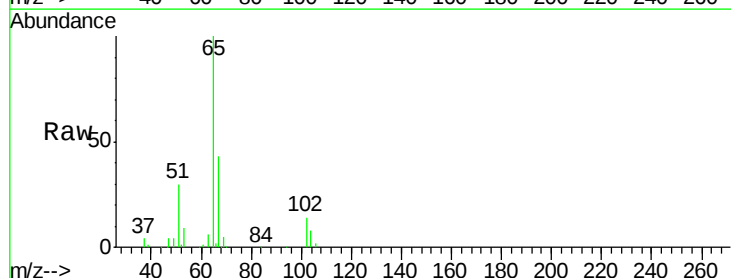
Acq: 13 Aug 2019 21:10

Tgt Ion: 65 Resp: 477202

Ion Ratio Lower Upper

65 100

67 43.4 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

150000

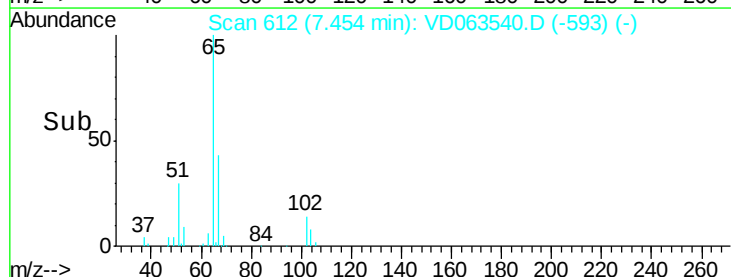
100000

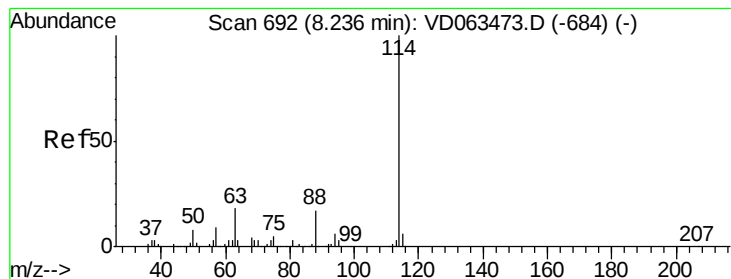
50000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

Instrument :

MSVOA_D

ClientSampleId :

SP-2

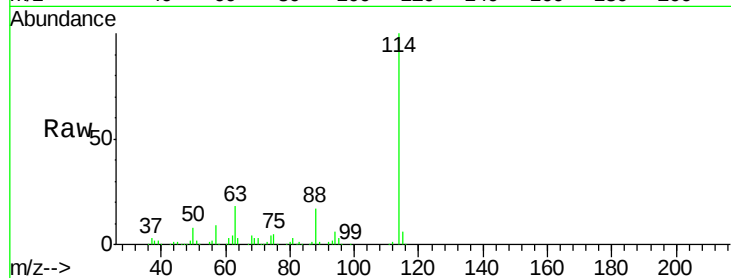
Tot Ion:114 Resp: 1442099

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.2

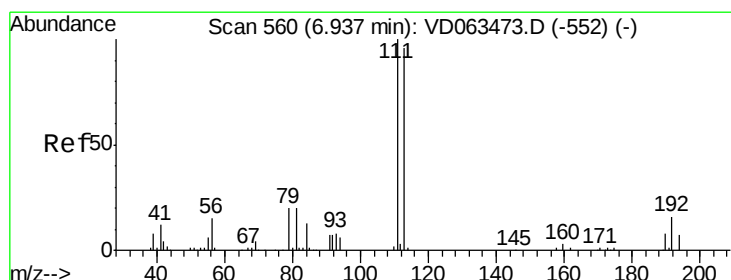
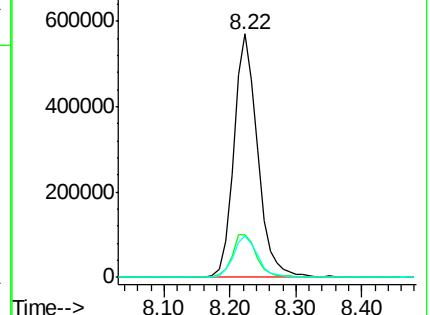
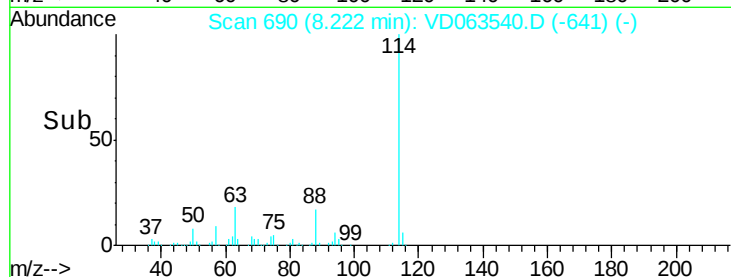
88 16.9 0.0 35.0



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: 45.824 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

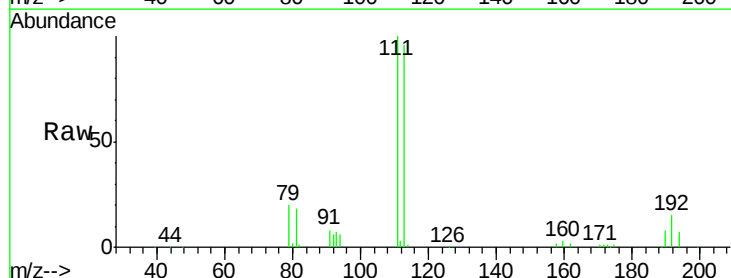
Tgt Ion:113 Resp: 556557

Ion Ratio Lower Upper

113 100

111 104.5 83.1 124.7

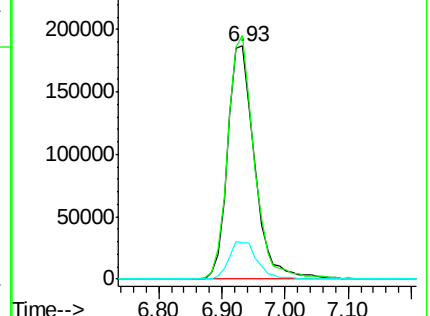
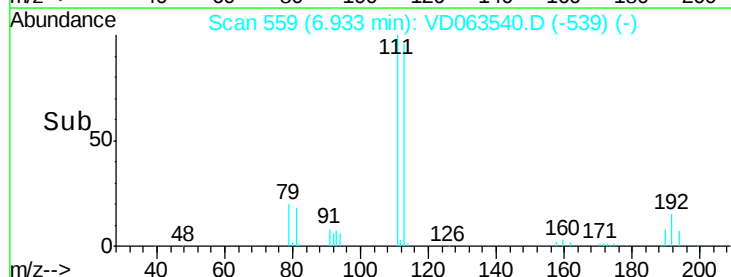
192 15.4 13.1 19.7

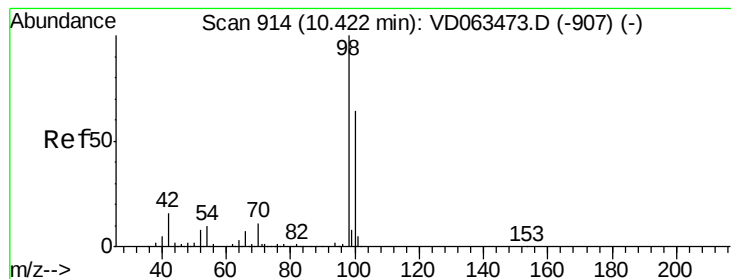


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 42.731 ug/l

RT: 10.42 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

Instrument :

MSVOA_D

ClientSampleId :

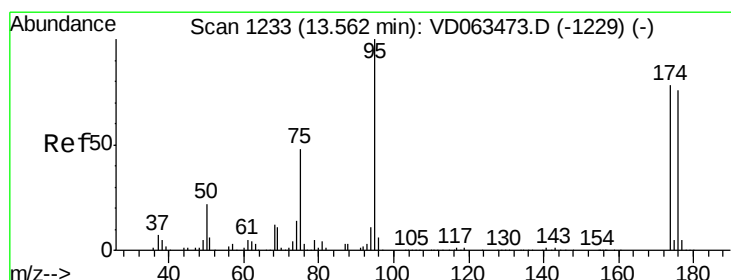
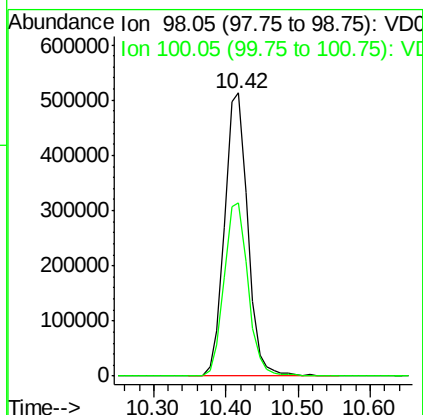
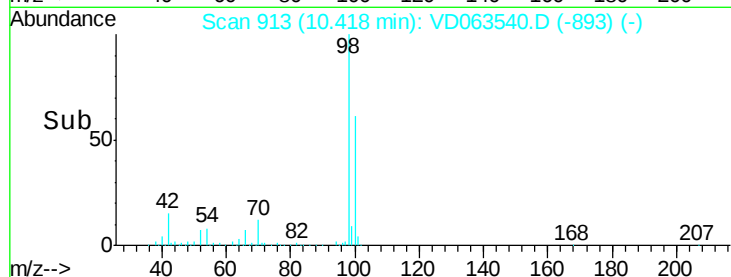
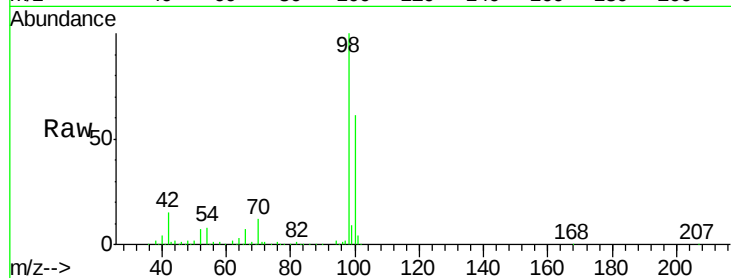
SP-2

Tot Ion: 98 Resp: 1141020

Ion Ratio Lower Upper

98 100

100 61.1 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 39.087 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD063540.D

Acq: 13 Aug 2019 21:10

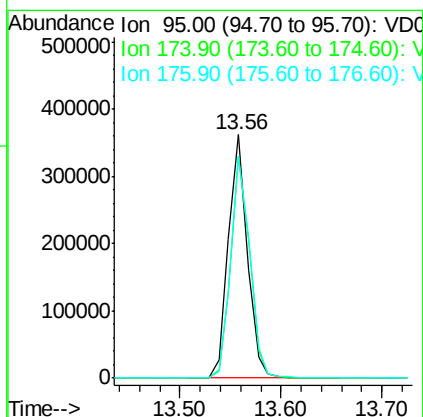
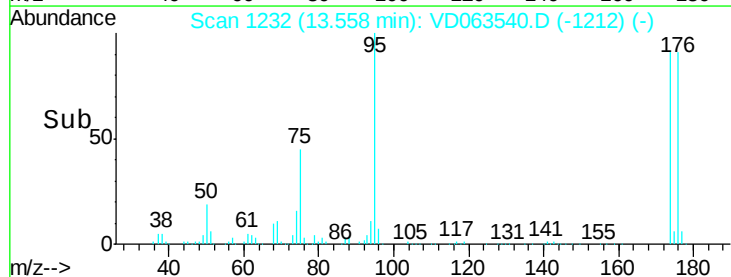
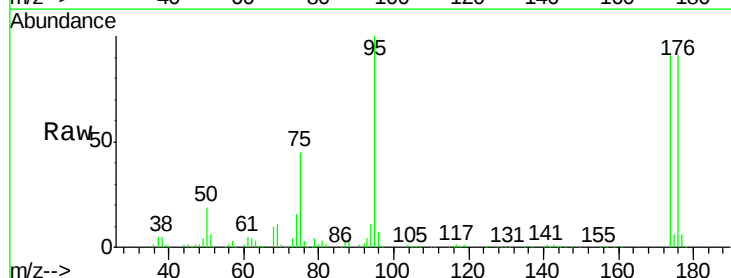
Tgt Ion: 95 Resp: 473052

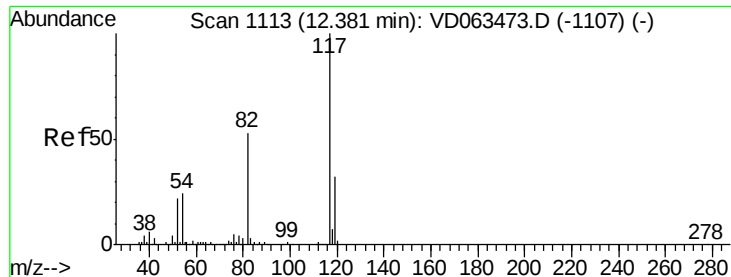
Ion Ratio Lower Upper

95 100

174 90.9 0.0 155.4

176 90.9 0.0 152.4

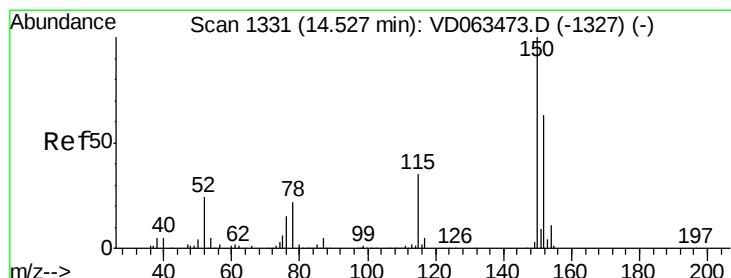
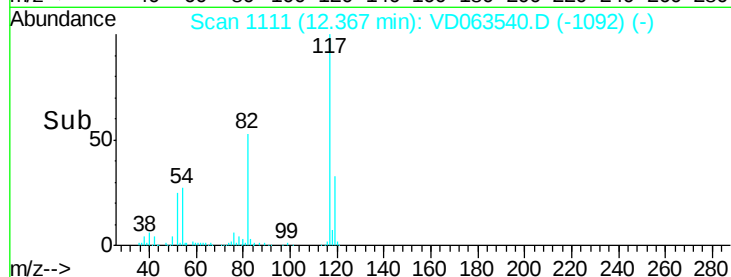
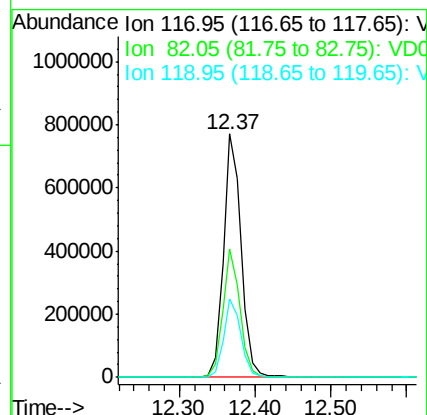
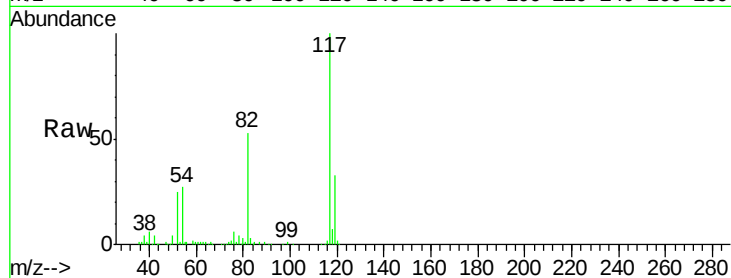




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063540.D
Acq: 13 Aug 2019 21:10

Instrument :
MSVOA_D
ClientSampled :
SP-2

Tot Ion:117 Resp: 1255512
Ion Ratio Lower Upper
117 100
82 52.7 42.0 63.0
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063540.D
Acq: 13 Aug 2019 21:10

Tgt Ion:152 Resp: 635685
Ion Ratio Lower Upper
152 100
115 53.6 30.9 92.7
150 148.9 0.0 318.6

