

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101019\
 Data File : VD063922.D
 Acq On : 10 Oct 2019 20:53
 Operator : VA/SY
 Sample : K5298-01
 Misc : 7.11G/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Oct 11 08:33:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	158626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	287184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	276848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129670	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	85774	55.54	ug/l	0.00
Spiked Amount			Recovery	=	111.08%	
35) Dibromofluoromethane	7.92	113	89064	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	10.34	98	370126	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.64	95	113095	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	

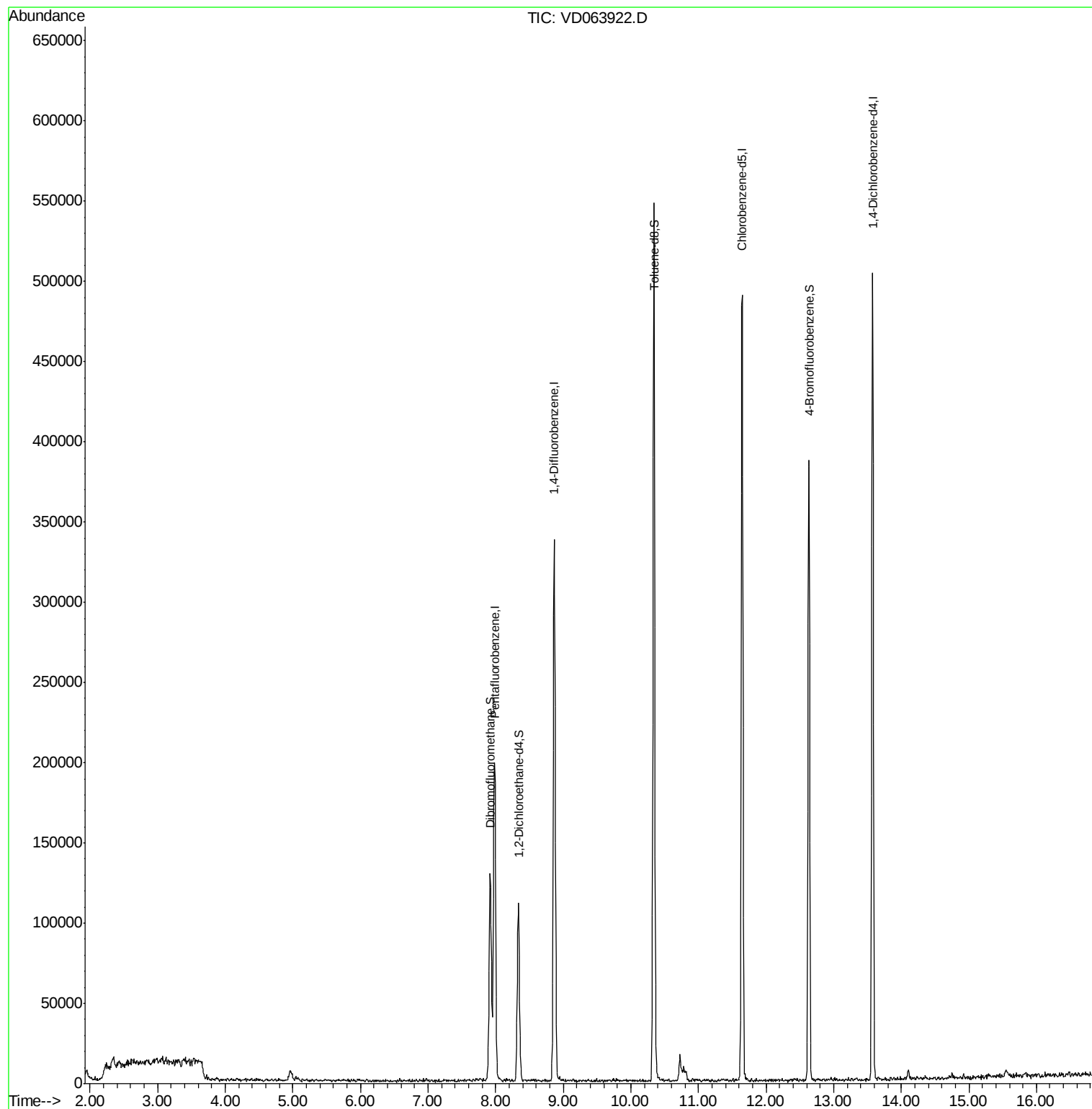
Target Compounds	Qvalue
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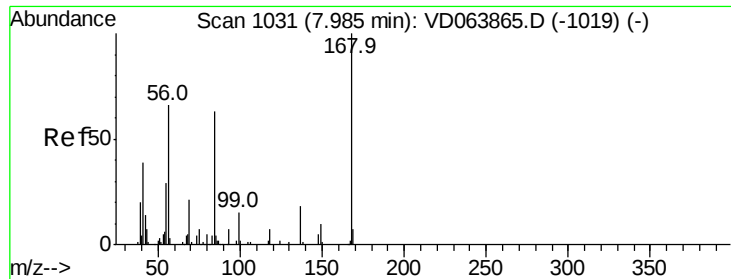
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD101019\
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QLast Update : Sat Oct 05 03:51:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD063922.D

Acq: 10 Oct 2019 20:53

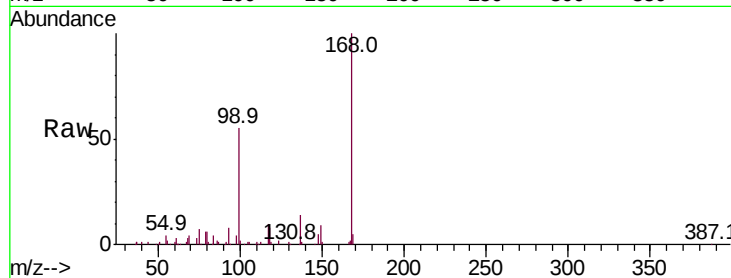
Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tot Ion:168 Resp: 158626

Ion Ratio Lower Upper

168 100

99 54.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

80000

60000

40000

20000

0

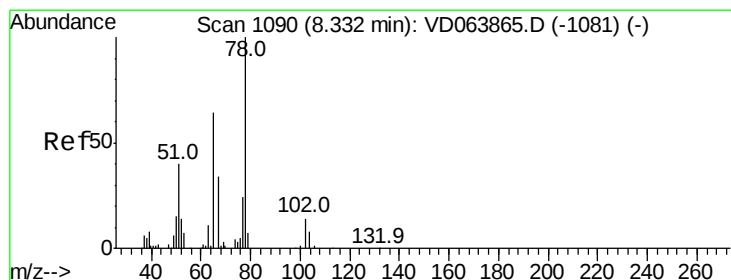
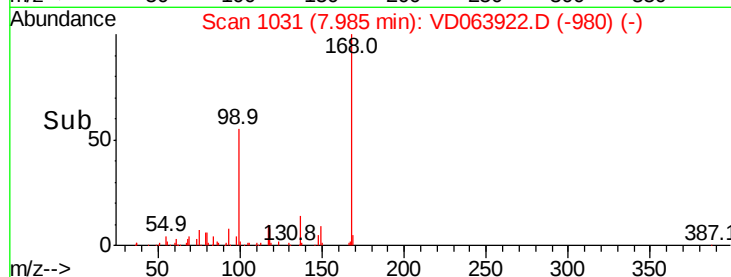
7.98

Time-->

7.90

8.00

8.10



#33

1,2-Dichloroethane-d4

Concen: 55.541 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063922.D

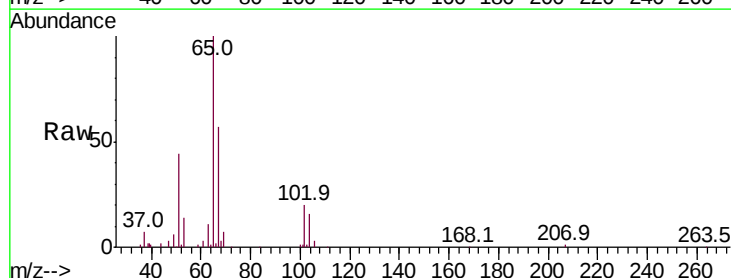
Acq: 10 Oct 2019 20:53

Tgt Ion: 65 Resp: 85774

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

40000

30000

20000

10000

0

8.34

Time-->

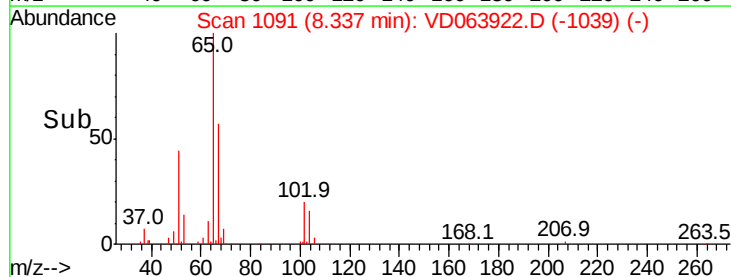
8.25

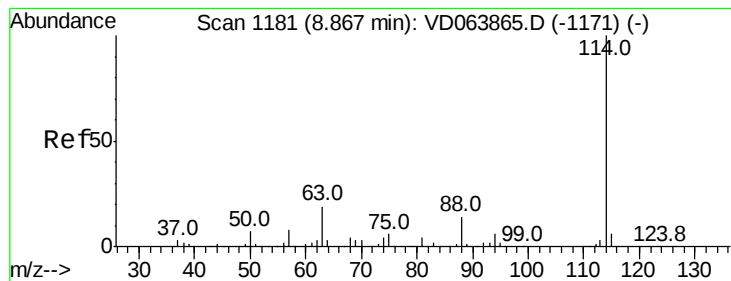
8.30

8.35

8.40

8.45





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD063922.D

Acq: 10 Oct 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

TP-7

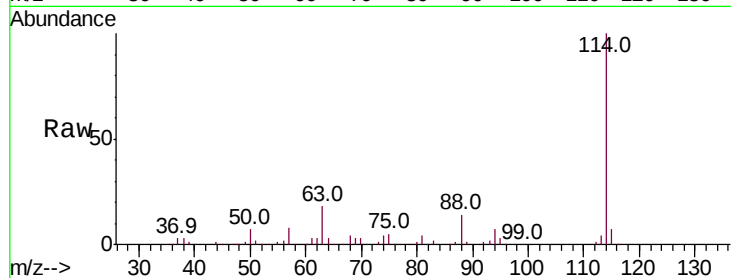
Tot Ion:114 Resp: 287184

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

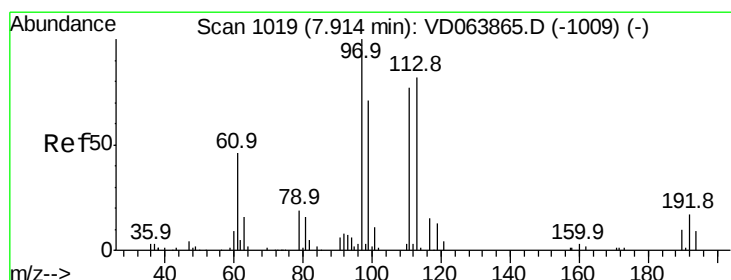
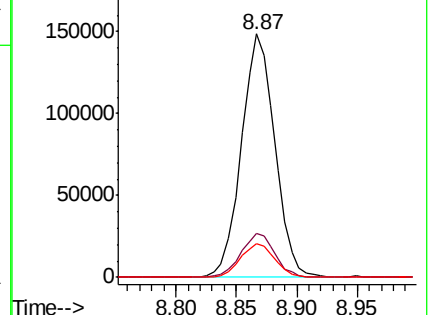
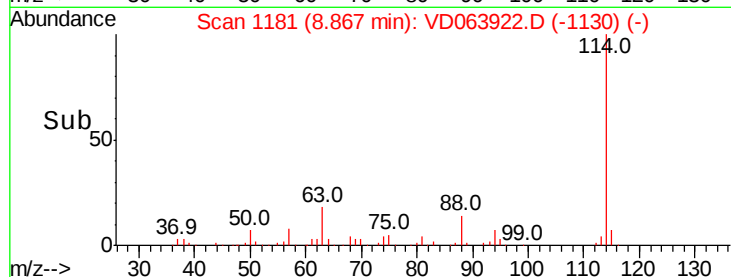
88 13.9 0.0 27.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.747 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD063922.D

Acq: 10 Oct 2019 20:53

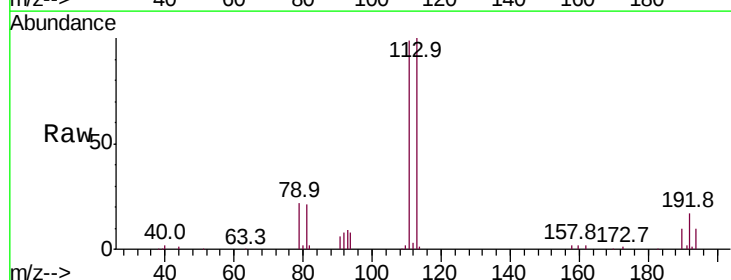
Tgt Ion:113 Resp: 89064

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

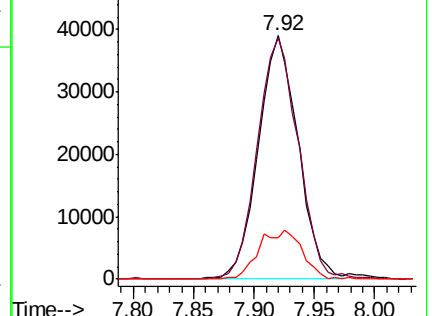
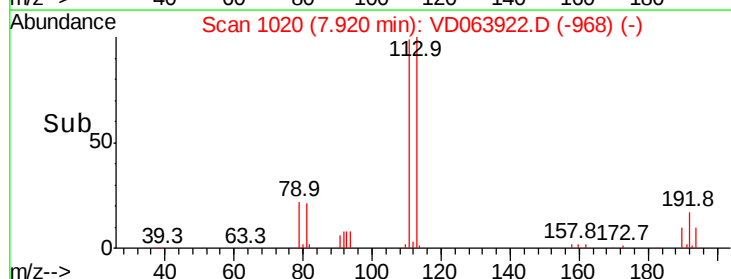
192 21.9 17.1 25.7

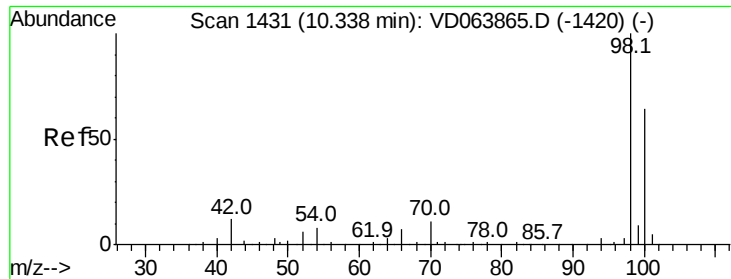


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.958 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD063922.D

Acq: 10 Oct 2019 20:53

Instrument :

MSVOA_D

ClientSampled :

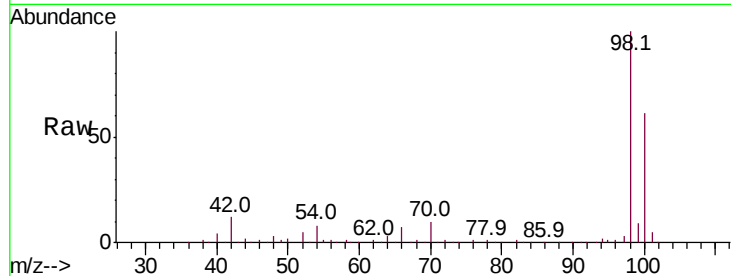
TP-7

Tot Ion: 98 Resp: 370126

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

250000

200000

150000

100000

50000

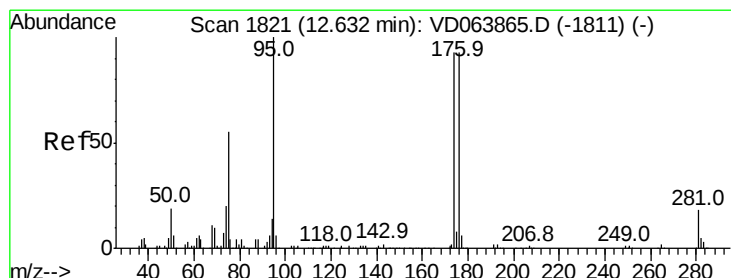
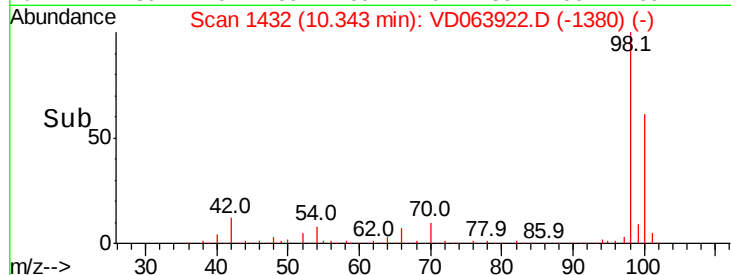
0

10.30

10.34

10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 45.687 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD063922.D

Acq: 10 Oct 2019 20:53

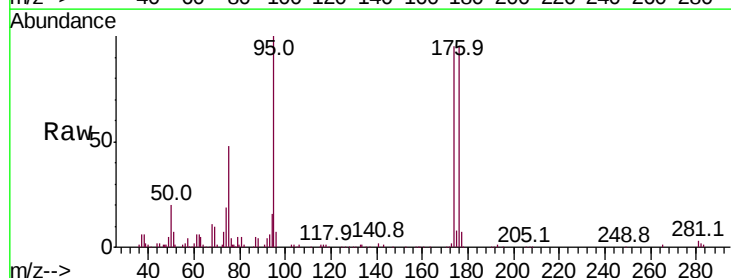
Tgt Ion: 95 Resp: 113095

Ion Ratio Lower Upper

95 100

174 91.4 0.0 186.4

176 92.1 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

80000

60000

40000

20000

0

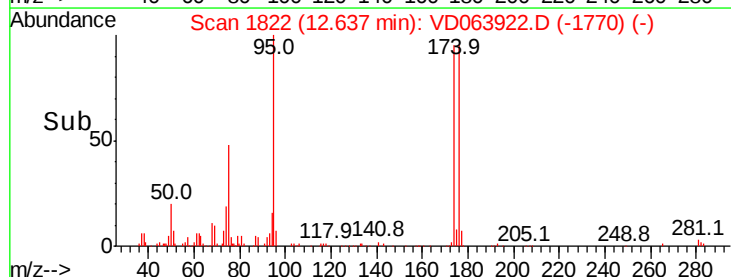
12.55

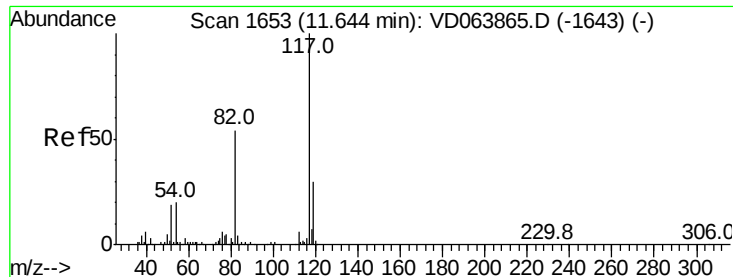
12.60

12.64

12.70

Time-->

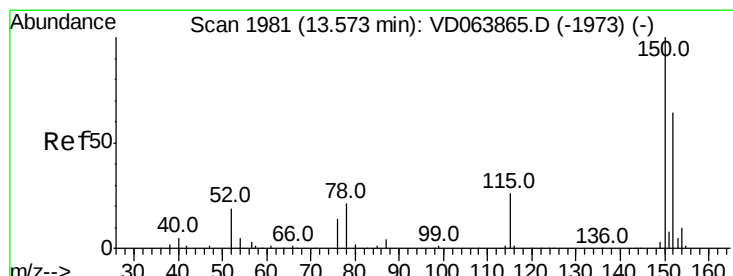
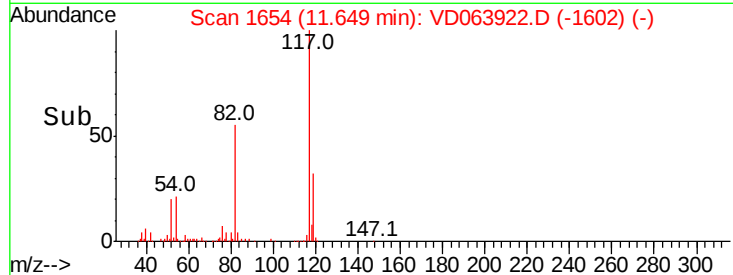
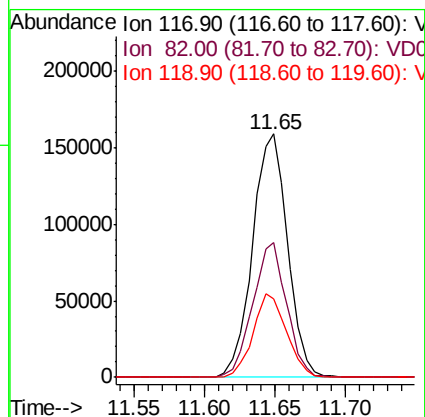
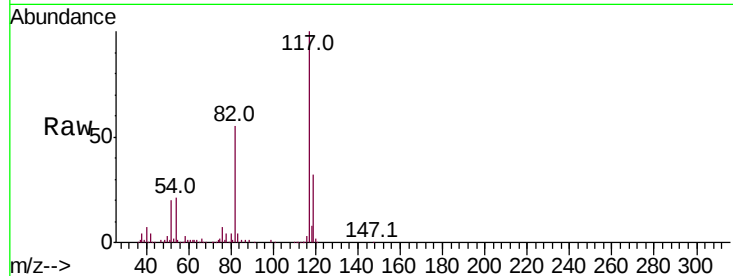




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD063922.D
Acq: 10 Oct 2019 20:53

Instrument :
MSVOA_D
ClientSampled :
TP-7

Tot Ion:117 Resp: 276848
Ion Ratio Lower Upper
117 100
82 55.3 42.8 64.2
119 32.0 24.4 36.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.01 min
Lab File: VD063922.D
Acq: 10 Oct 2019 20:53

Tgt Ion:152 Resp: 129670
Ion Ratio Lower Upper
152 100
115 54.8 25.9 77.7
150 160.2 0.0 344.2

