

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102519\
 Data File : VD064071.D
 Acq On : 25 Oct 2019 17:58
 Operator : VA/SY
 Sample : K5541-08
 Misc : 5.91G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 152-50-(1)

Quant Time: Oct 26 00:50:13 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	147024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	262787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	273027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	129109	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	78222	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
35) Dibromofluoromethane	7.93	113	82853	51.59	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.18%	
50) Toluene-d8	10.34	98	360698	55.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.68%	
62) 4-Bromofluorobenzene	12.64	95	109713	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

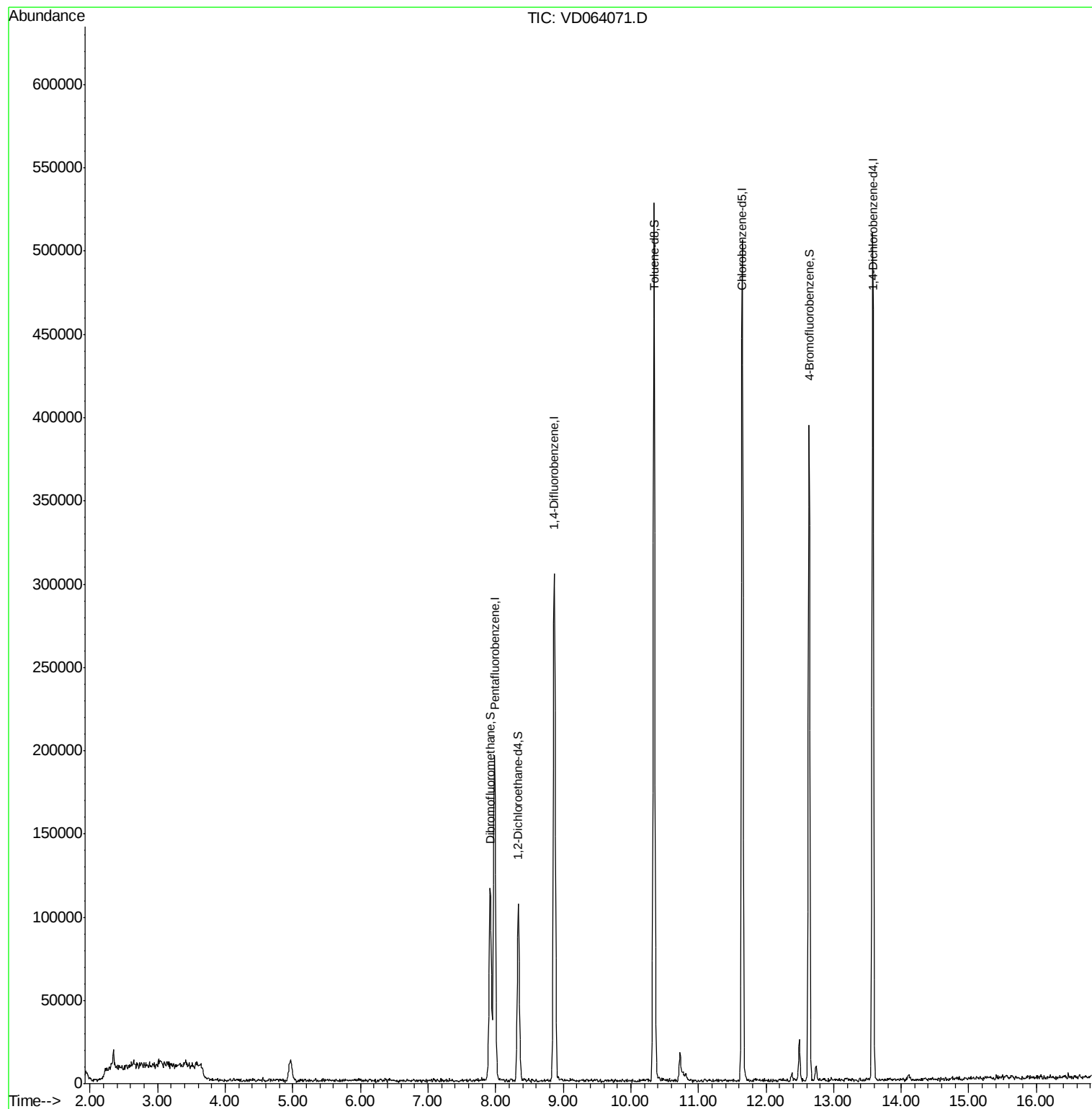
Target Compounds	Qvalue
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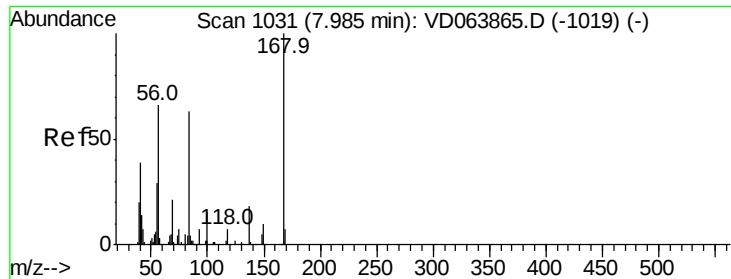
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064071.D

Acq: 25 Oct 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

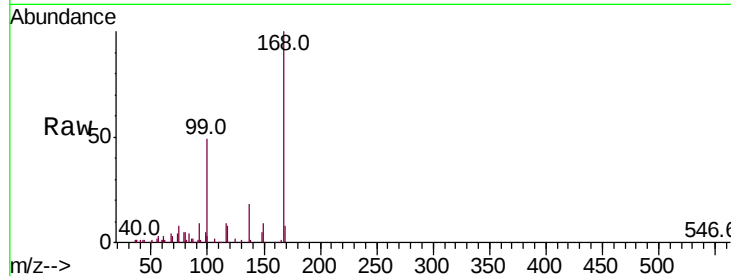
152-50-(1)

Tot Ion:168 Resp: 147024

Ion Ratio Lower Upper

168 100

99 49.3 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

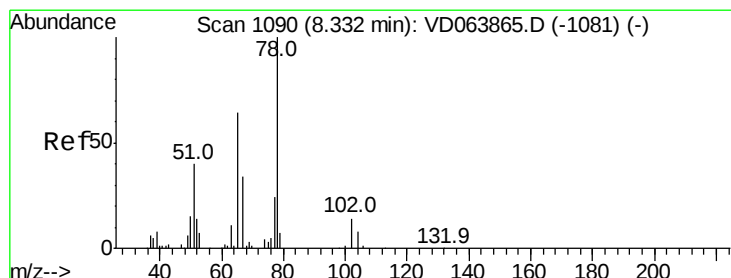
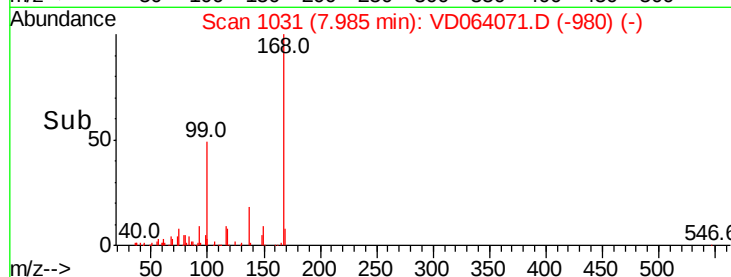
40000

20000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.648 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064071.D

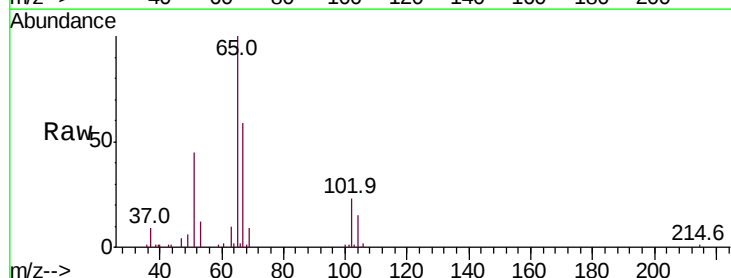
Acq: 25 Oct 2019 17:58

Tgt Ion: 65 Resp: 78222

Ion Ratio Lower Upper

65 100

67 55.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

40000

30000

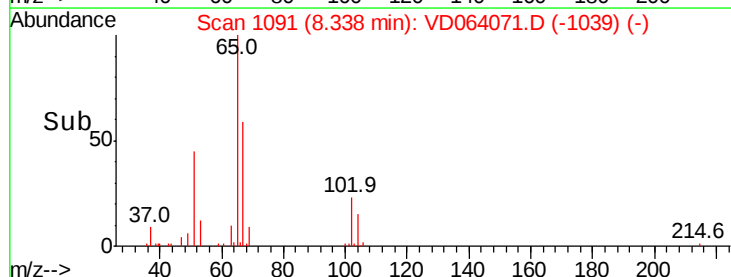
20000

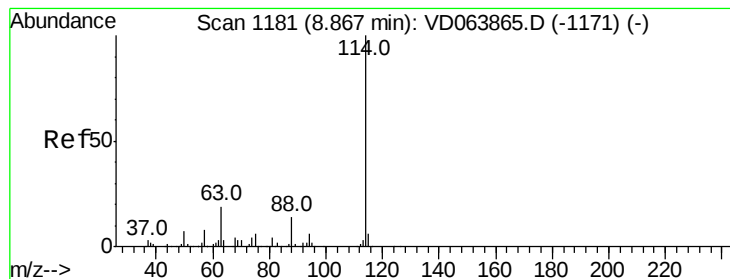
10000

0

Time-->

8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064071.D

Acq: 25 Oct 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

152-50-(1)

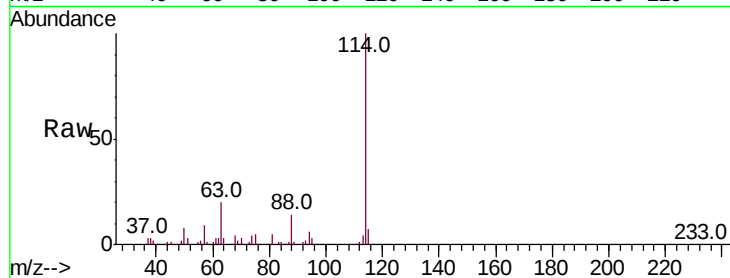
Tot Ion:114 Resp: 262787

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

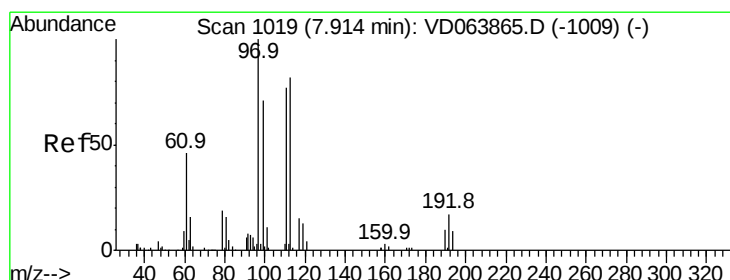
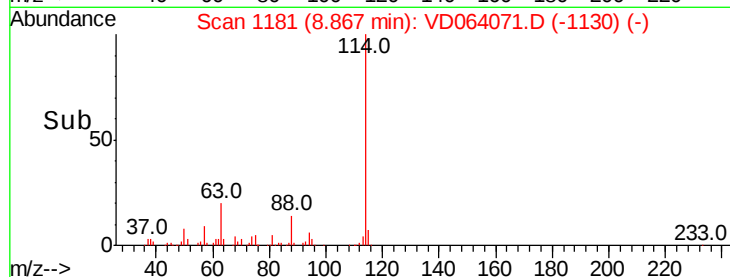
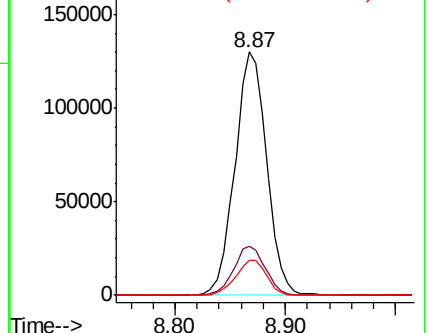
88 14.4 0.0 27.4



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: 51.591 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD064071.D

Acq: 25 Oct 2019 17:58

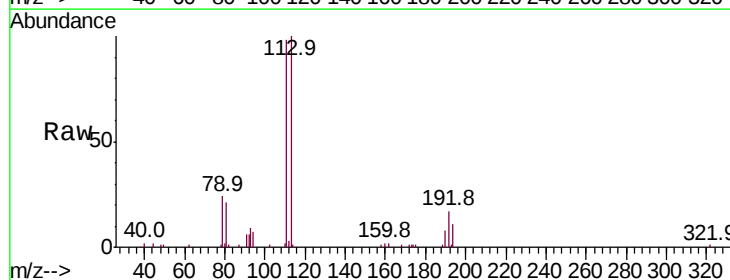
Tgt Ion:113 Resp: 82853

Ion Ratio Lower Upper

113 100

111 98.8 82.6 123.8

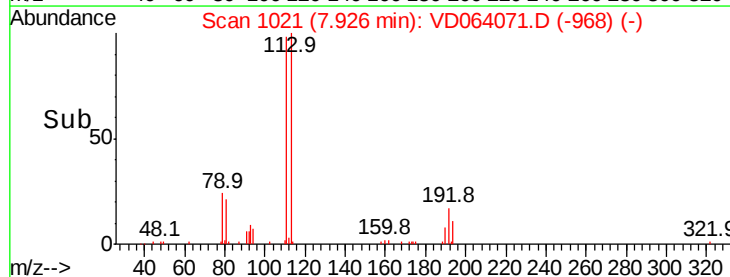
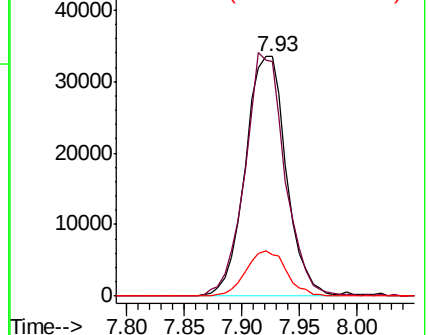
192 18.6 17.1 25.7

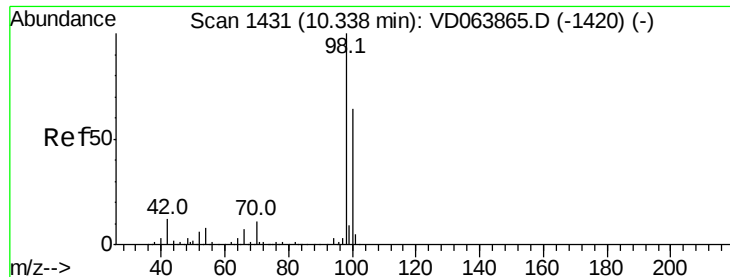


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.335 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064071.D

Acq: 25 Oct 2019 17:58

Instrument :

MSVOA_D

ClientSampleId :

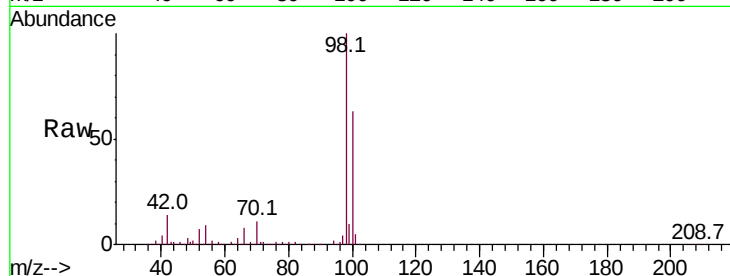
152-50-(1)

Tot Ion: 98 Resp: 360698

Ion Ratio Lower Upper

98 100

100 61.5 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

200000

150000

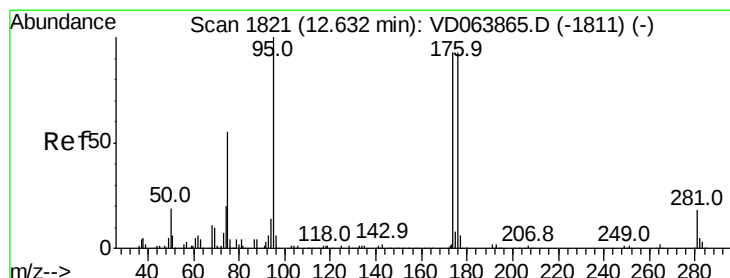
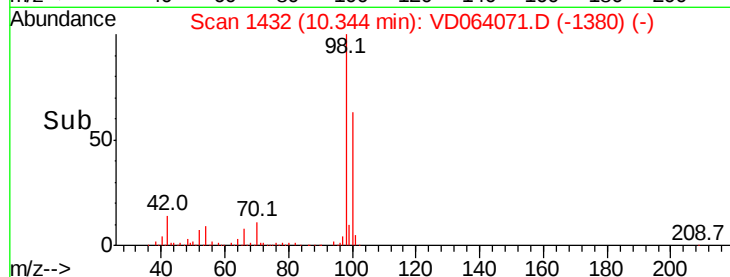
100000

50000

0

10.25 10.30 10.35 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 48.435 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD064071.D

Acq: 25 Oct 2019 17:58

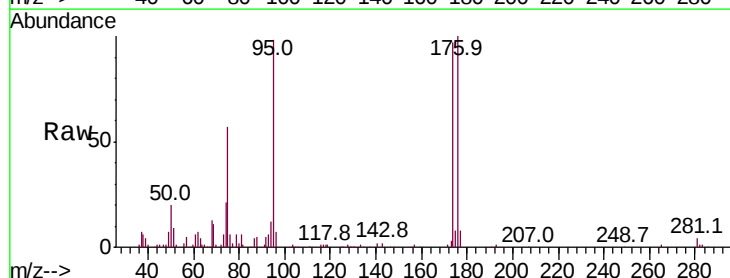
Tgt Ion: 95 Resp: 109713

Ion Ratio Lower Upper

95 100

174 93.7 0.0 186.4

176 91.7 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

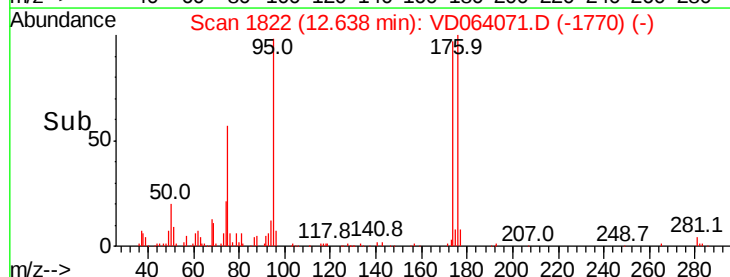
40000

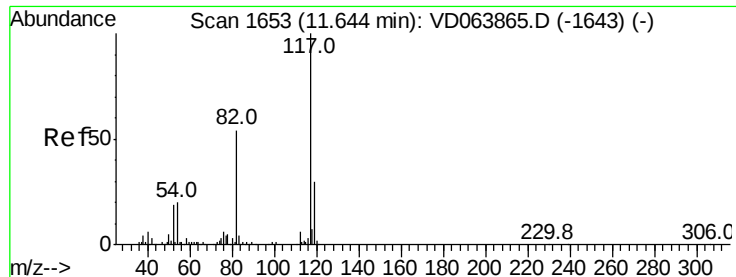
20000

0

12.60 12.70

Time-->

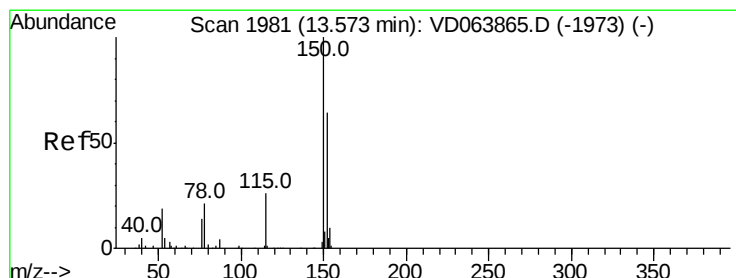
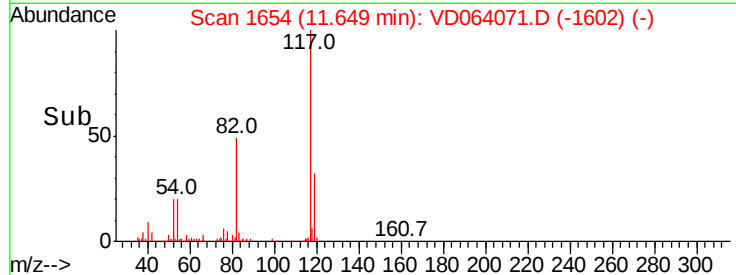
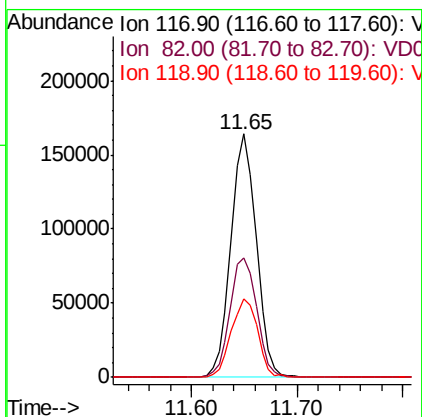
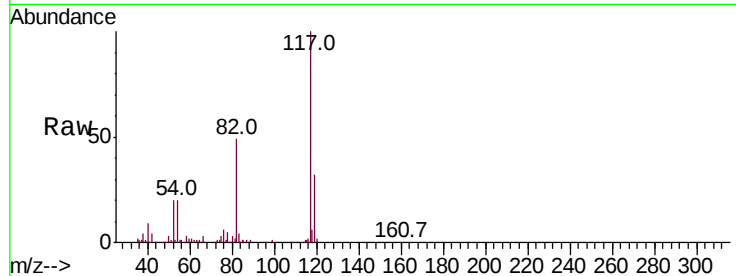




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD064071.D
Acq: 25 Oct 2019 17:58

Instrument :
MSVOA_D
ClientSampleId :
152-50-(1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	42.8	64.2
119	32.4	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: VD064071.D
Acq: 25 Oct 2019 17:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	25.9	77.7
150	154.2	0.0	344.2

