

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066399.D
 Acq On : 25 Aug 2020 13:46
 Operator : VA/SY
 Sample : L3785-01
 Misc : 8.34G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-09

Quant Time: Aug 26 08:26:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	243206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	364482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	344561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	174294	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	123442	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	7.91	113	113032	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	10.34	98	439296	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.63	95	162661	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	

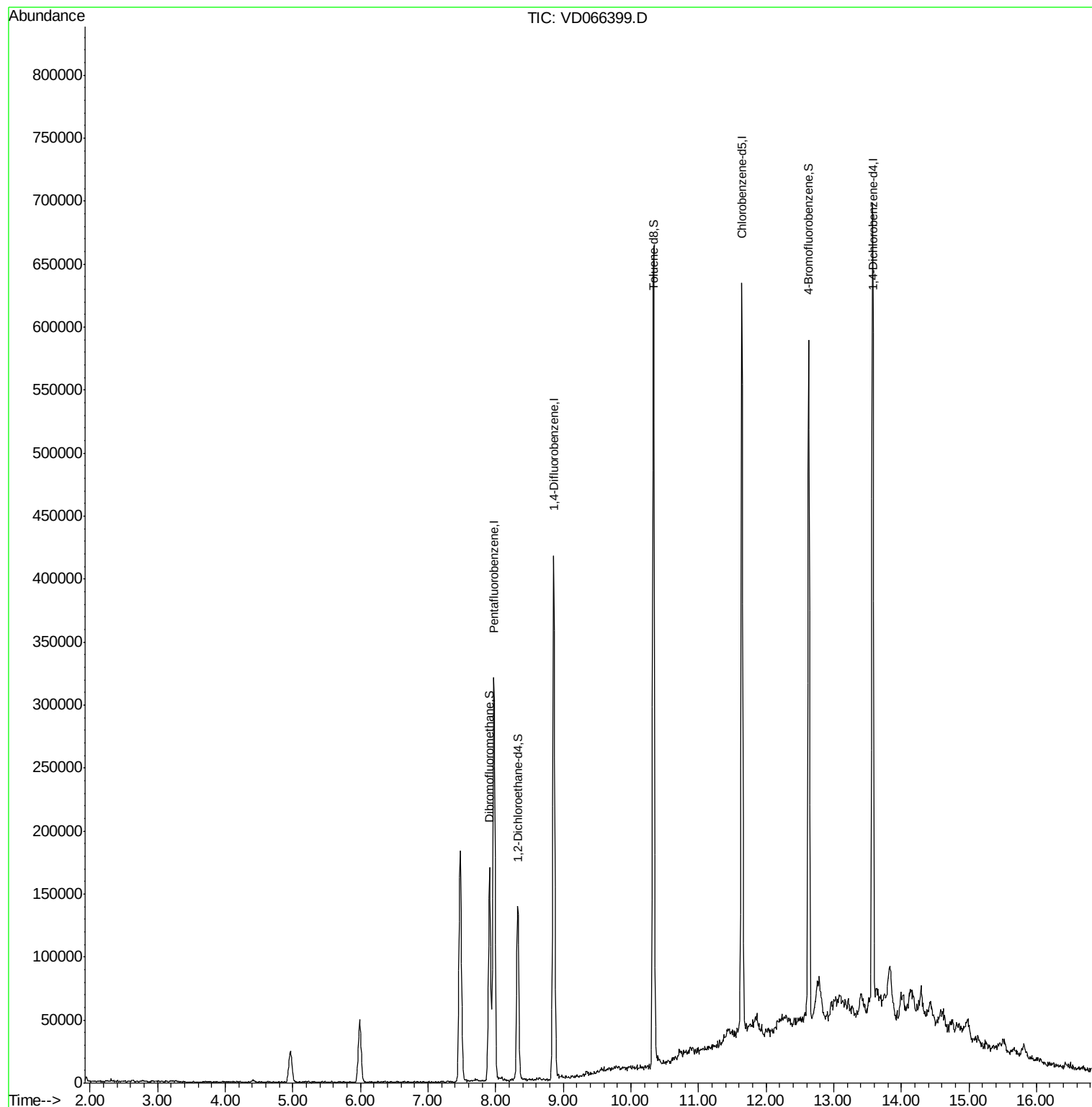
Target Compounds	Qvalue
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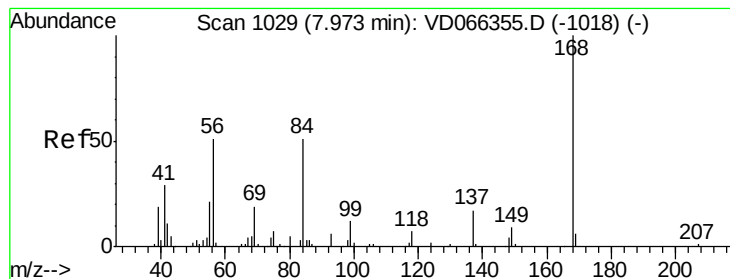
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066399.D

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MSVOA_D

ClientSampleId :

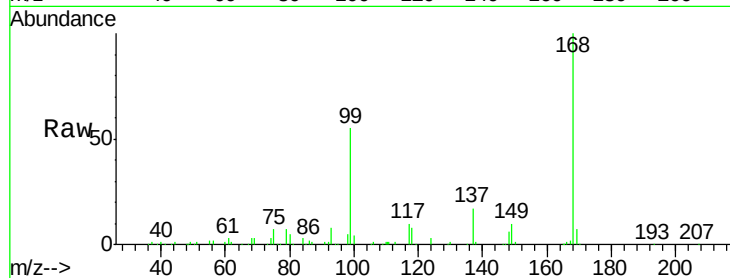
CHRT-09

Tot Ion:168 Resp: 243206

Ion Ratio Lower Upper

168 100

99 55.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

120000

100000

80000

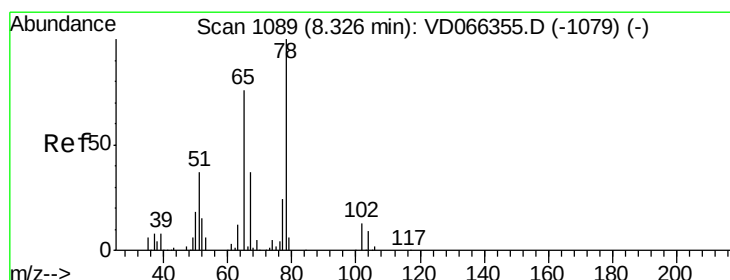
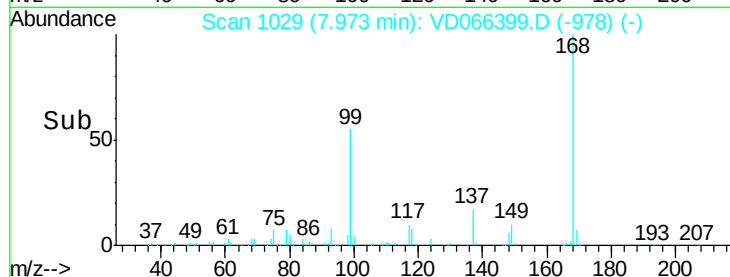
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.771 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VD066399.D

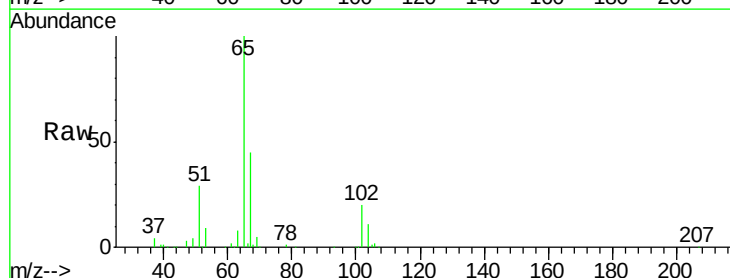
Acq: 25 Aug 2020 13:46

Tgt Ion: 65 Resp: 123442

Ion Ratio Lower Upper

65 100

67 48.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

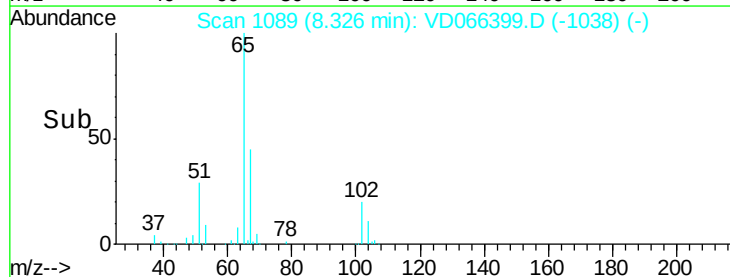
30000

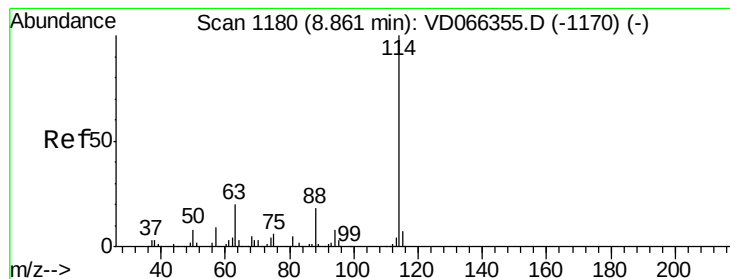
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066399.D

Acq: 25 Aug 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

CHRT-09

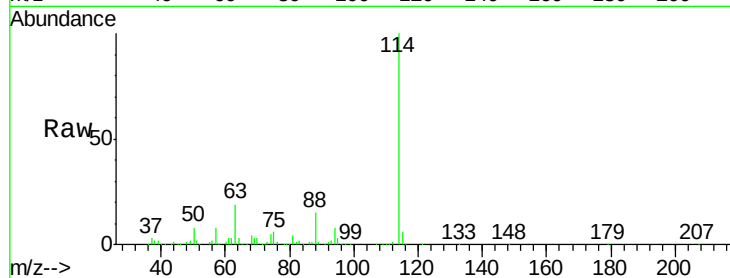
Tot Ion:114 Resp: 364482

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

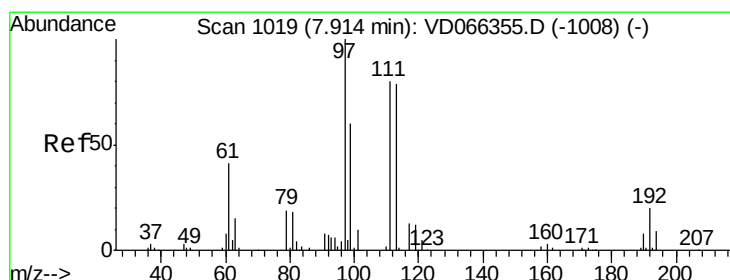
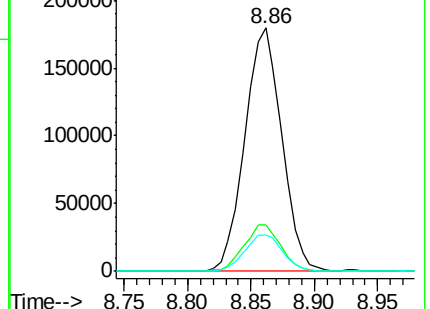
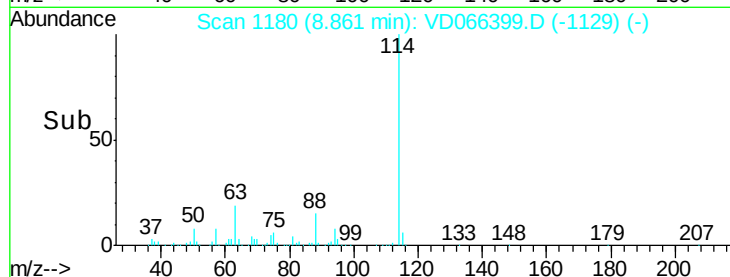
88 15.1 0.0 35.4



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: 49.594 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066399.D

Acq: 25 Aug 2020 13:46

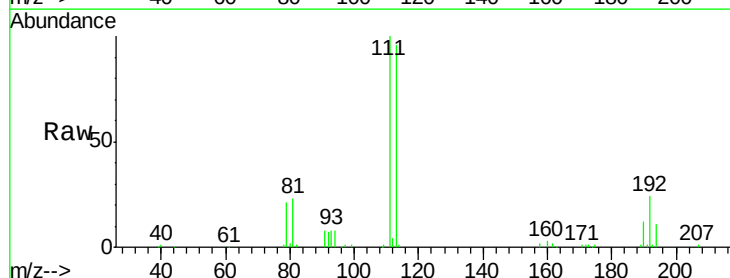
Tgt Ion:113 Resp: 113032

Ion Ratio Lower Upper

113 100

111 104.1 80.3 120.5

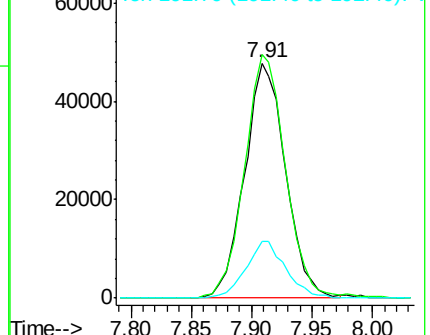
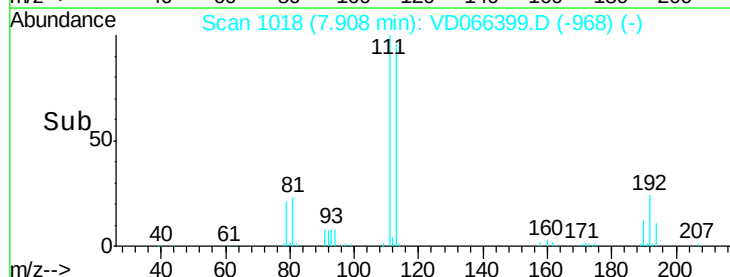
192 23.6 19.0 28.6

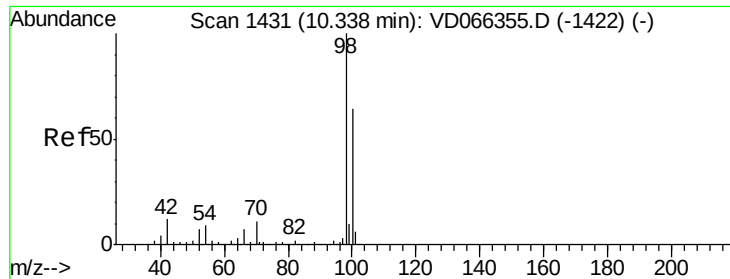


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

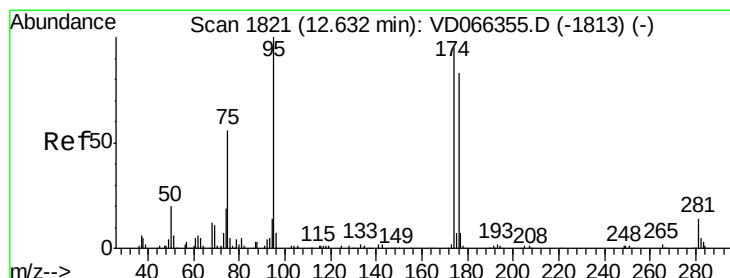
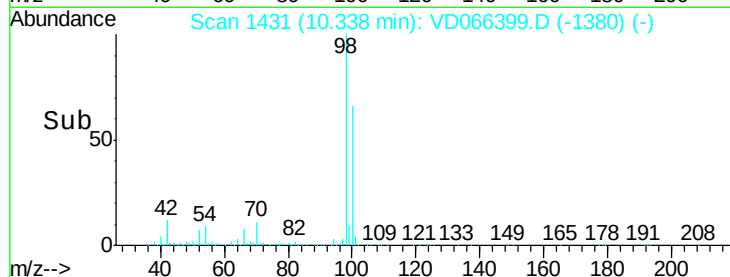
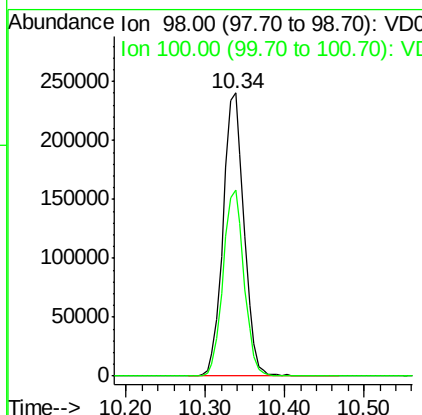
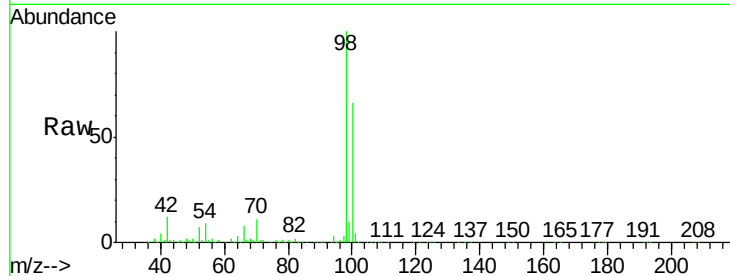




#50
Toluene-d8
Concen: 52.679 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066399.D
Acq: 25 Aug 2020 13:46

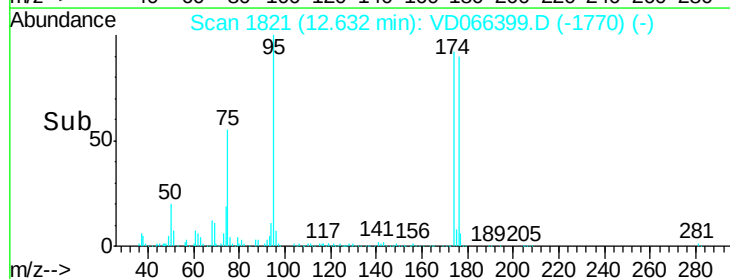
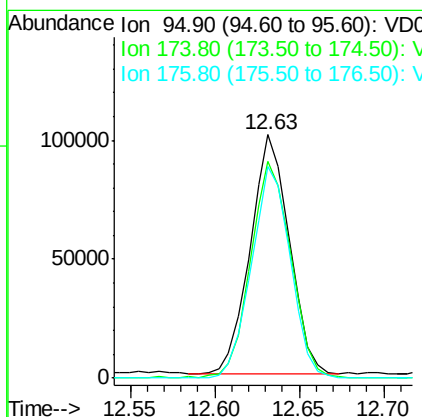
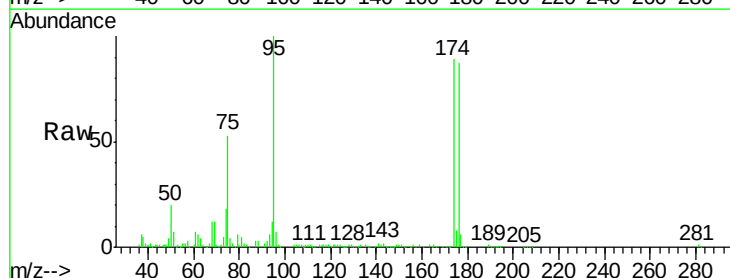
Instrument :
MSVOA_D
ClientSampleId :
CHRT-09

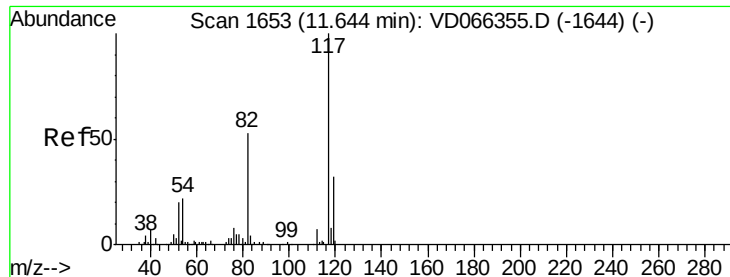
Tot Ion: 98 Resp: 439296
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.971 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066399.D
Acq: 25 Aug 2020 13:46

Tgt Ion: 95 Resp: 162661
Ion Ratio Lower Upper
95 100
174 92.0 0.0 183.4
176 87.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VD066399.D

Acq: 25 Aug 2020 13:46

Instrument :

MSVOA_D

ClientSampleId :

CHRT-09

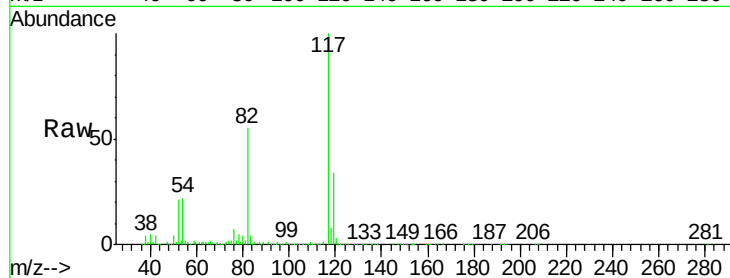
Tot Ion:117 Resp: 344561

Ion Ratio Lower Upper

117 100

82 54.9 42.8 64.2

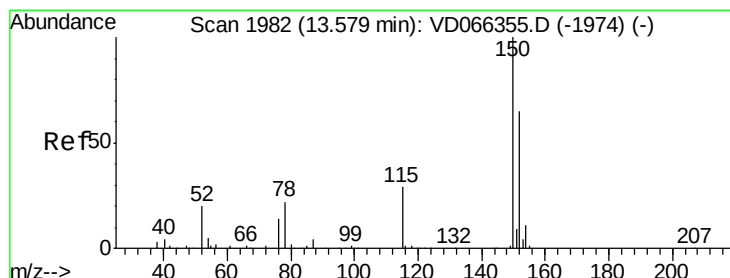
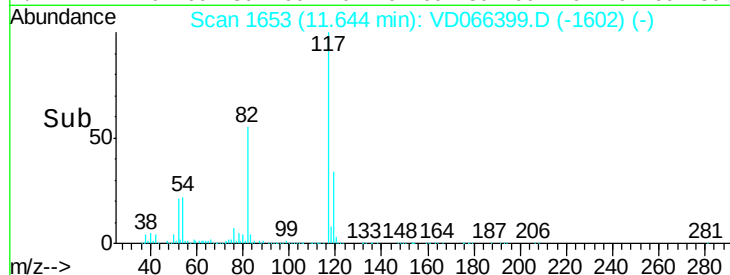
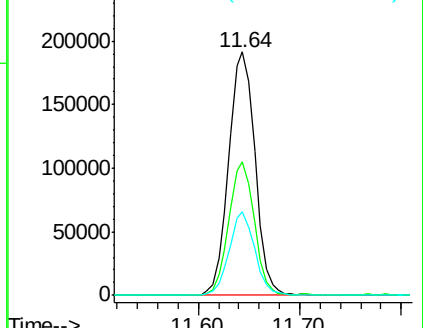
119 34.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066399.D

Acq: 25 Aug 2020 13:46

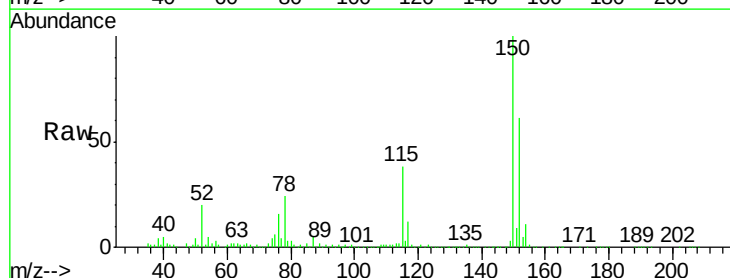
Tgt Ion:152 Resp: 174294

Ion Ratio Lower Upper

152 100

115 59.7 28.3 85.0

150 159.2 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

