

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091620\
 Data File : VD066723.D
 Acq On : 16 Sep 2020 16:53
 Operator : VA/SY
 Sample : L4019-01
 Misc : 7.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-220

Quant Time: Sep 17 01:19:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	379865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	696014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	670709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304731	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	237719	58.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.30%	
35) Dibromofluoromethane	7.91	113	238151	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	
50) Toluene-d8	10.34	98	859254	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
62) 4-Bromofluorobenzene	12.63	95	288517	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	

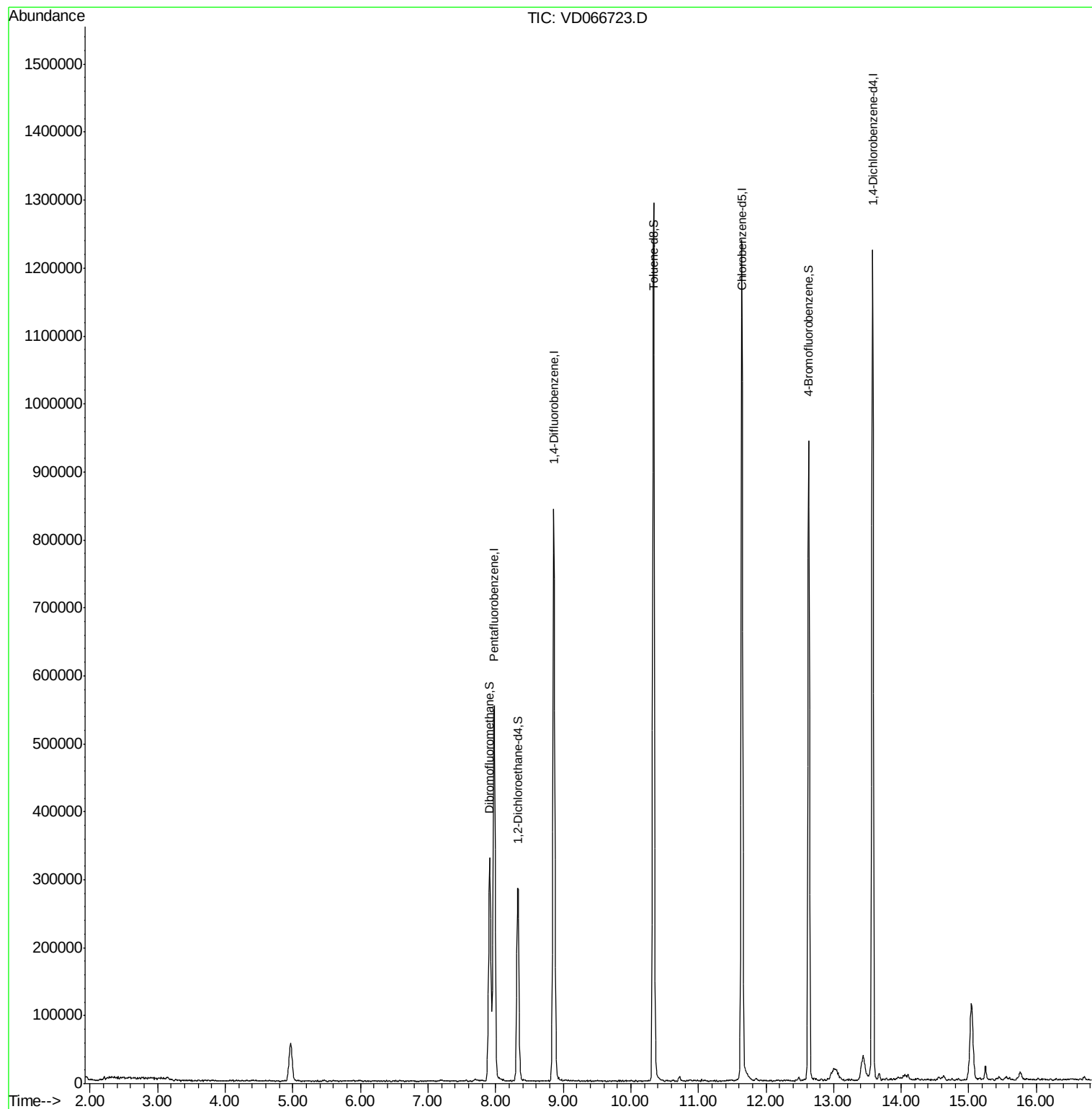
Target Compounds	Qvalue

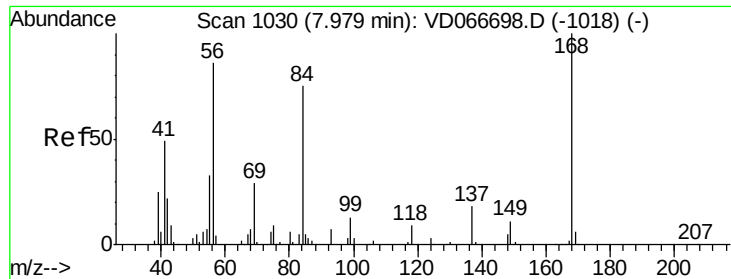
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066723.D

Acq: 16 Sep 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

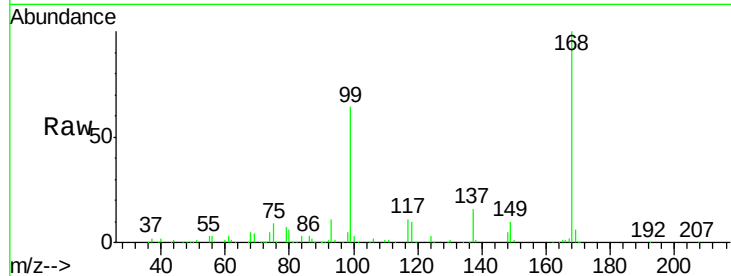
VNJ-220

Tot Ion:168 Resp: 379865

Ion Ratio Lower Upper

168 100

99 64.5 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

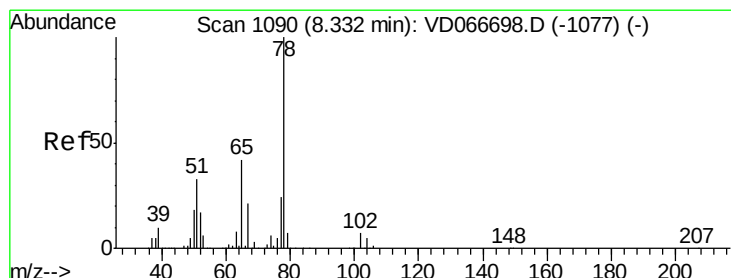
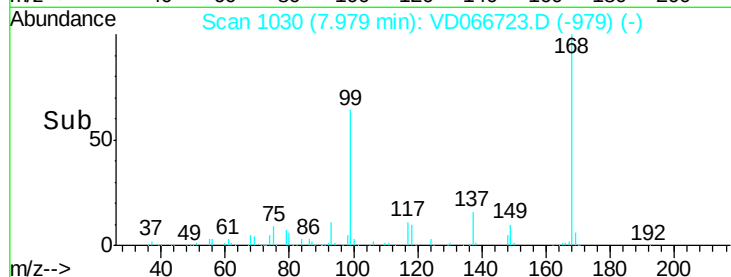
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.654 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066723.D

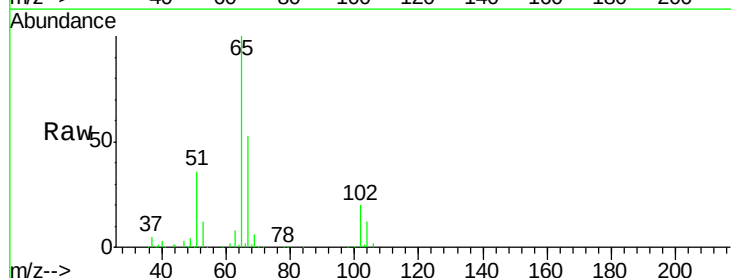
Acq: 16 Sep 2020 16:53

Tgt Ion: 65 Resp: 237719

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

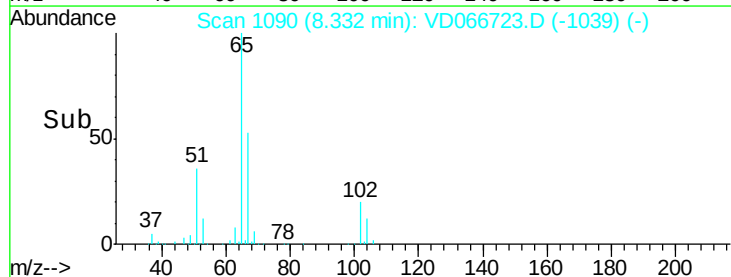
60000

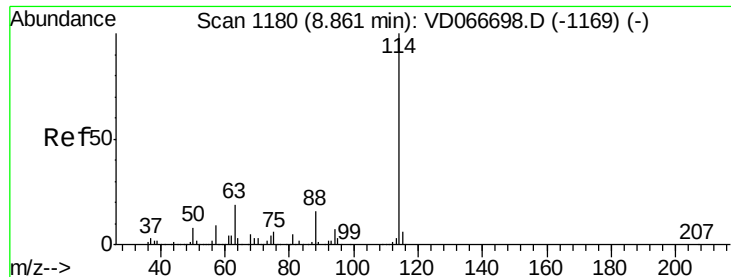
40000

20000

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: VD066723.D

Acq: 16 Sep 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

VNJ-220

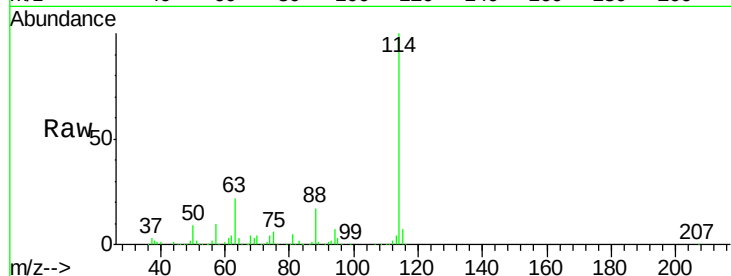
Tot Ion:114 Resp: 696014

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.6

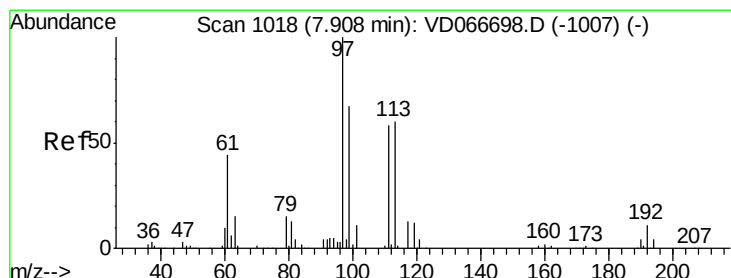
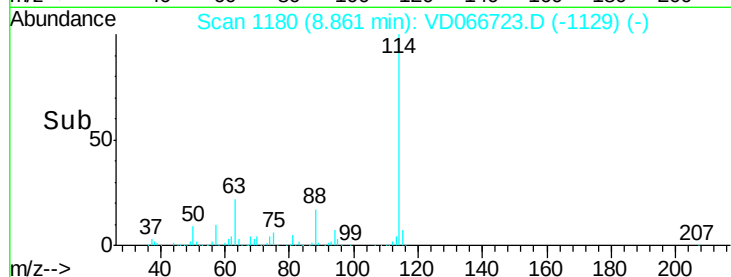
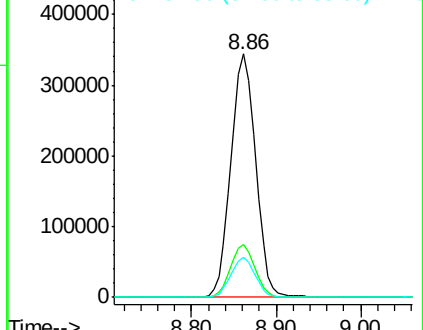
88 16.5 0.0 32.2



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: 55.809 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066723.D

Acq: 16 Sep 2020 16:53

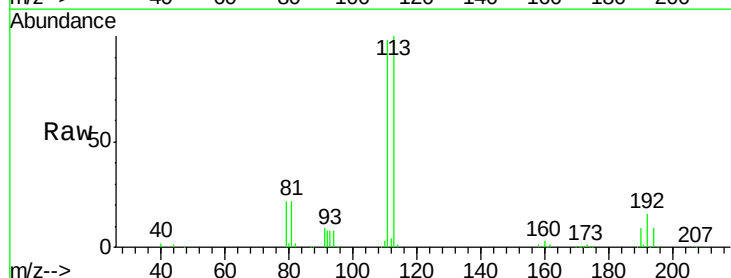
Tgt Ion:113 Resp: 238151

Ion Ratio Lower Upper

113 100

111 102.0 83.2 124.8

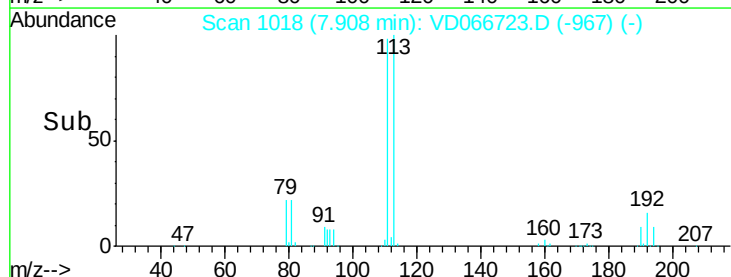
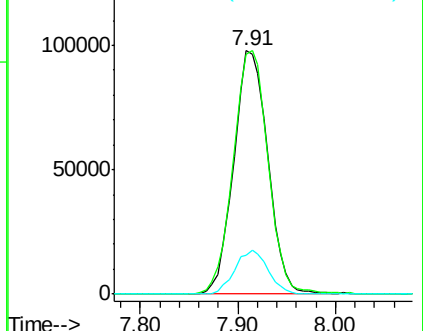
192 17.5 14.8 22.2

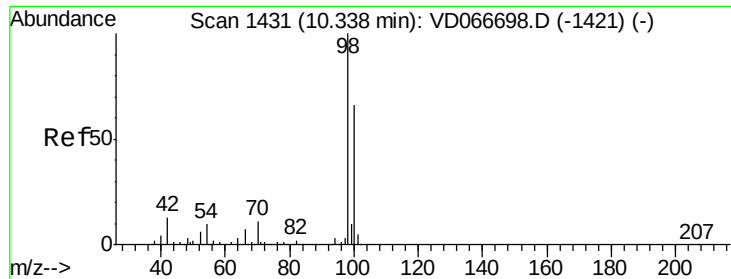


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

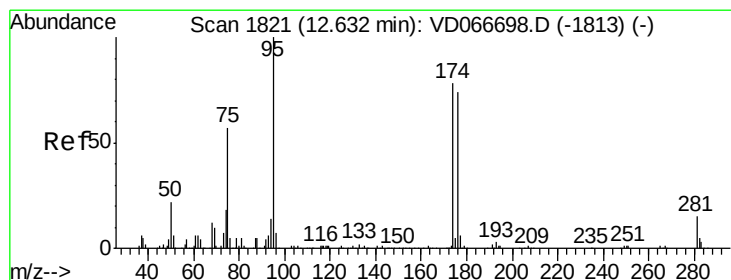
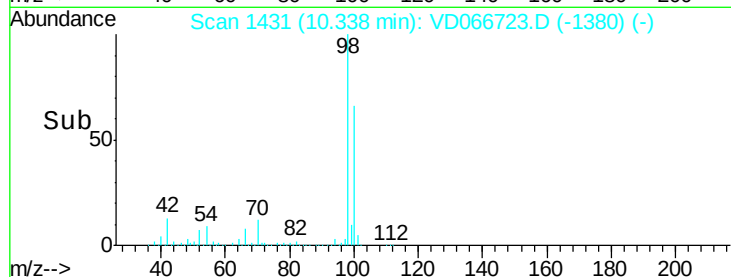
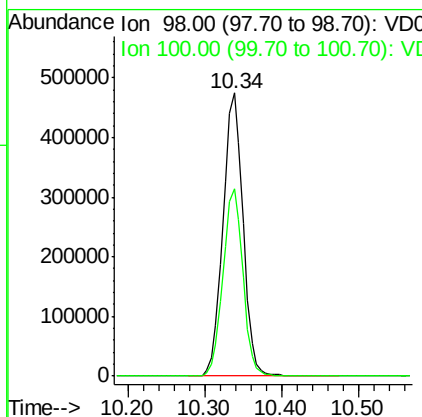
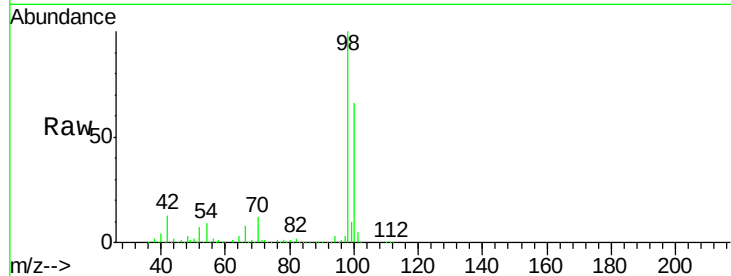




#50
Toluene-d8
Concen: 56.518 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

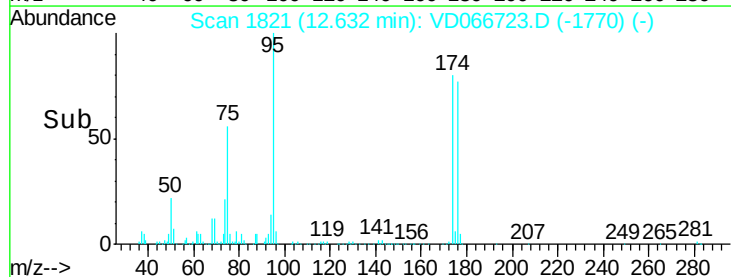
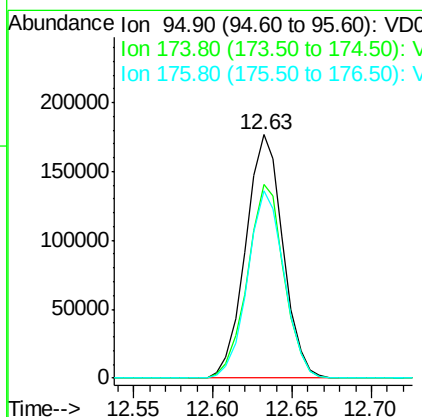
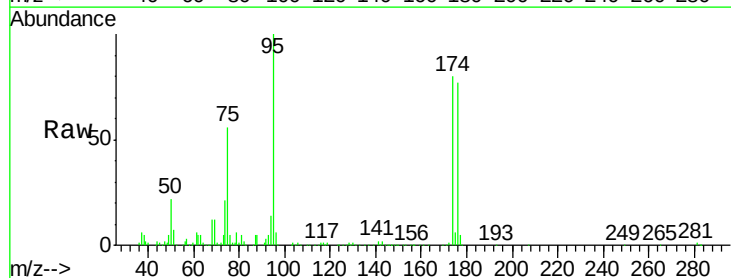
Instrument :
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VNJ-220

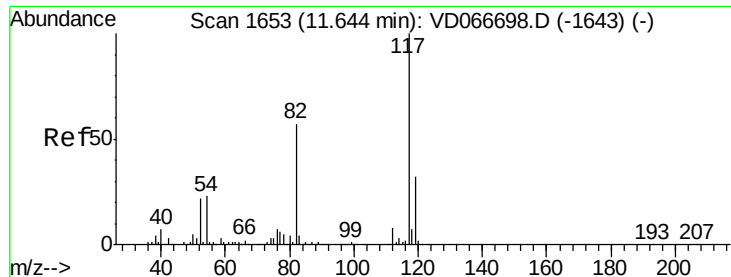
Tot Ion: 98 Resp: 859254
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 54.977 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Tgt Ion: 95 Resp: 288517
Ion Ratio Lower Upper
95 100
174 78.3 0.0 156.6
176 75.5 0.0 150.2

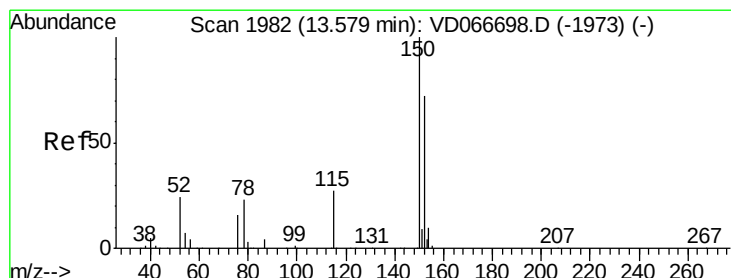
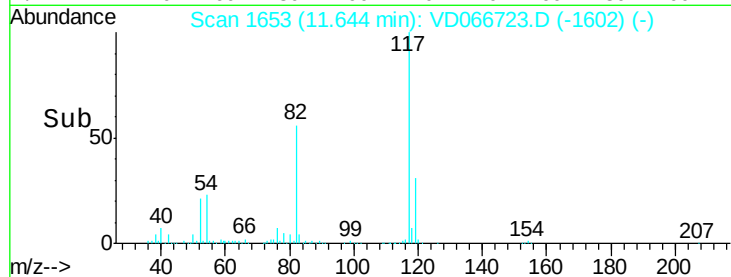
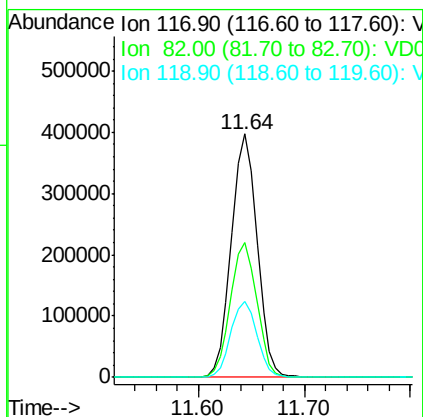
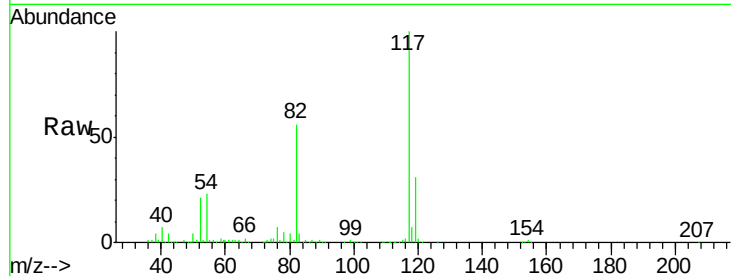




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
VNJ-220

Tot Ion:117 Resp: 670709
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066723.D
Acq: 16 Sep 2020 16:53

Tgt Ion:152 Resp: 304731
Ion Ratio Lower Upper
152 100
115 62.2 30.5 91.5
150 157.0 0.0 344.6

