

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050720\
 Data File : VD065712.D
 Acq On : 07 May 2020 14:47
 Operator : VA/SY
 Sample : L2553-01
 Misc : 7.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-217

Quant Time: May 08 07:47:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050620S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 17:01:16 2020
 Response via : Initial Calibration

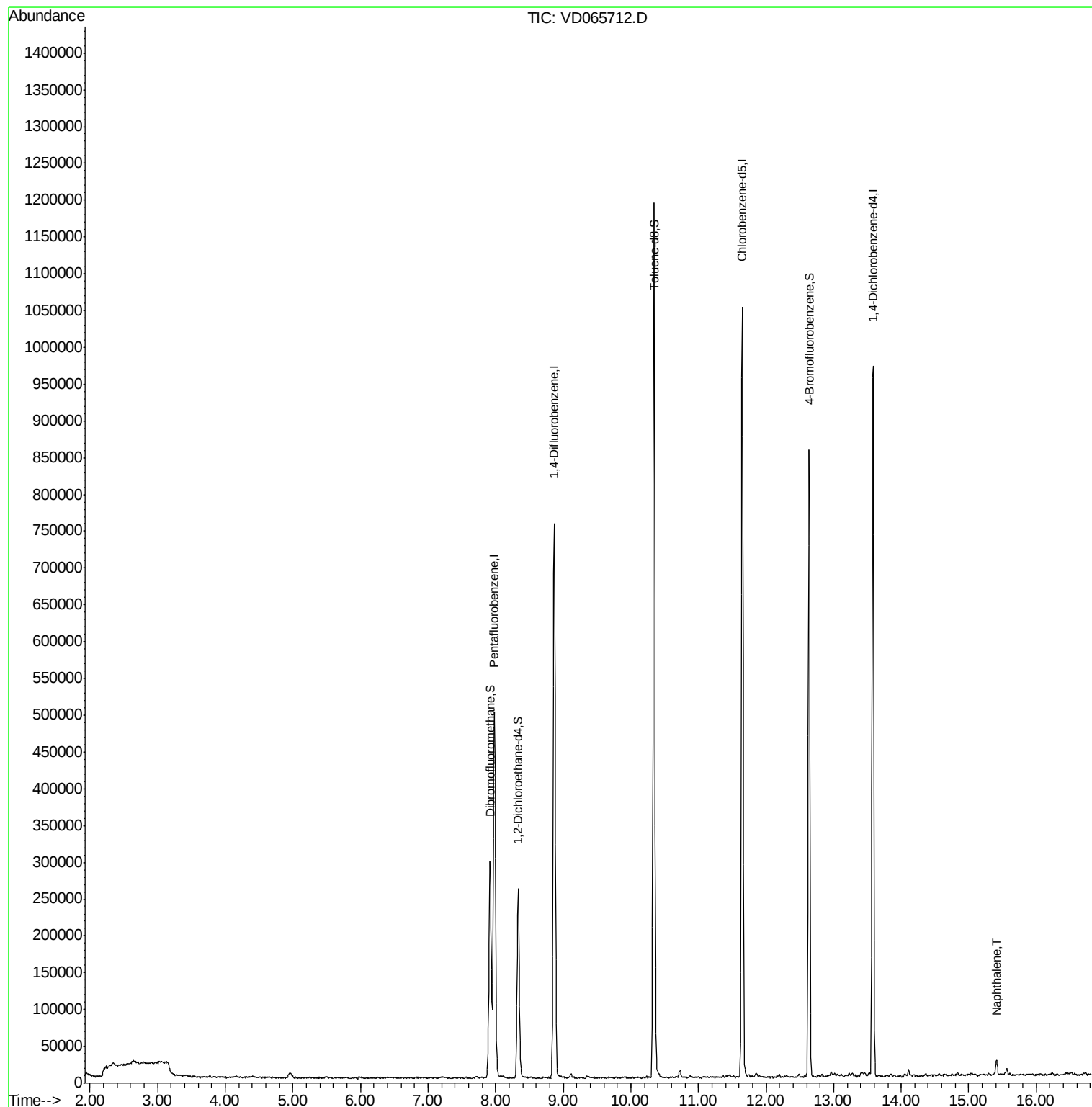
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	677783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	598160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	199883	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	7.92	113	212637	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.34	98	800501	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.64	95	263764	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
95) Naphthalene	15.41	128	18151	1.791	ug/l	Qvalue 97

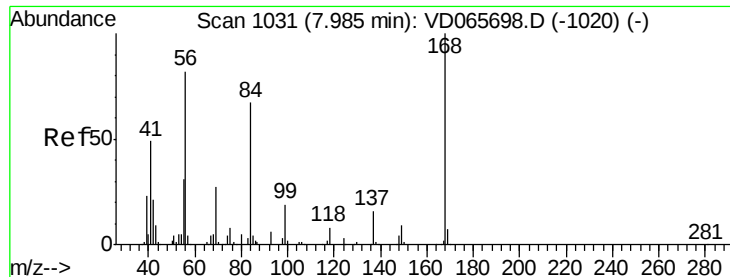
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 17:01:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

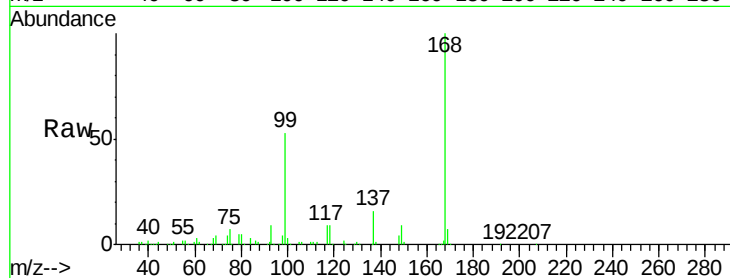
VNJ-217

Tot Ion:168 Resp: 406292

Ion Ratio Lower Upper

168 100

99 53.1 44.2 66.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

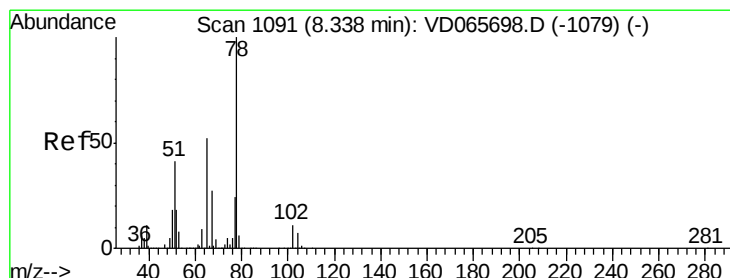
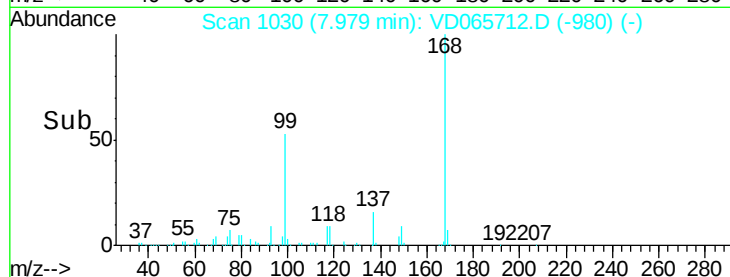
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.115 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065712.D

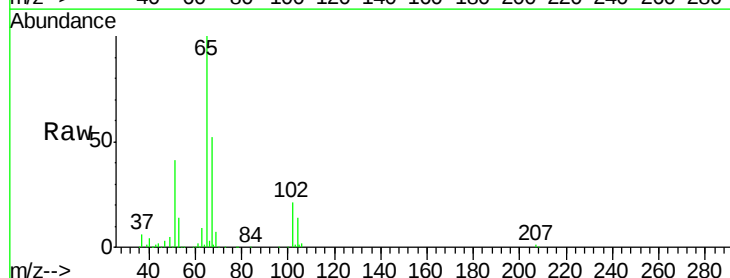
Acq: 07 May 2020 14:47

Tgt Ion: 65 Resp: 199883

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

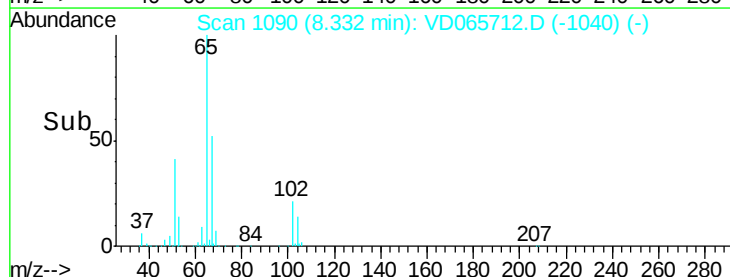
60000

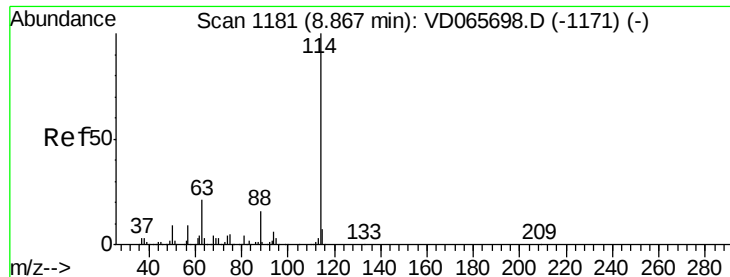
40000

20000

0

Time-->

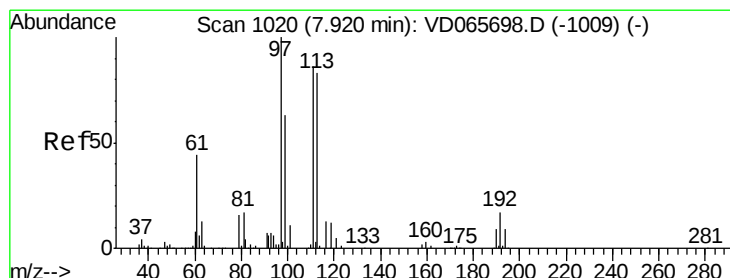
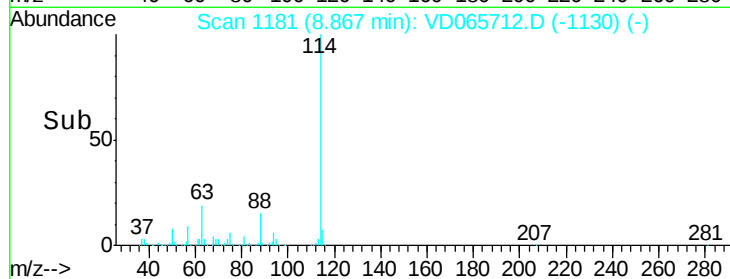
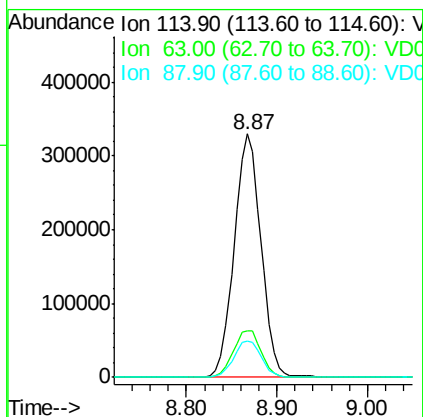
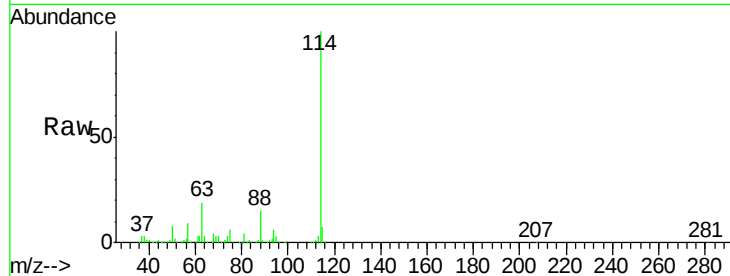




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065712.D
 Acq: 07 May 2020 14:47

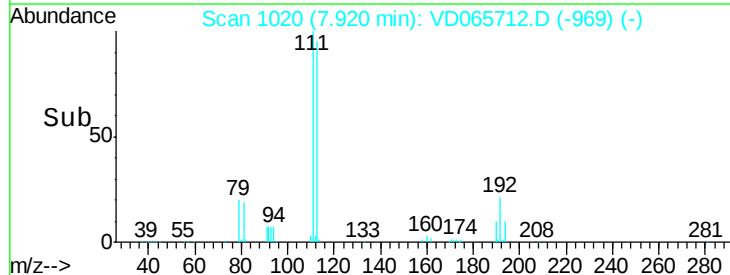
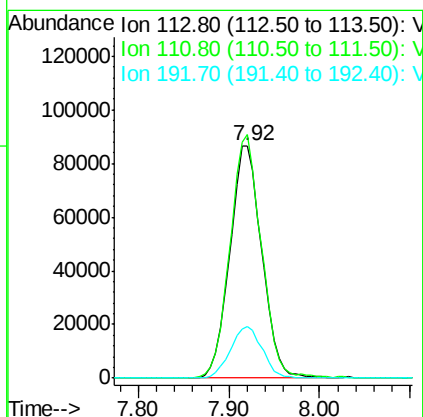
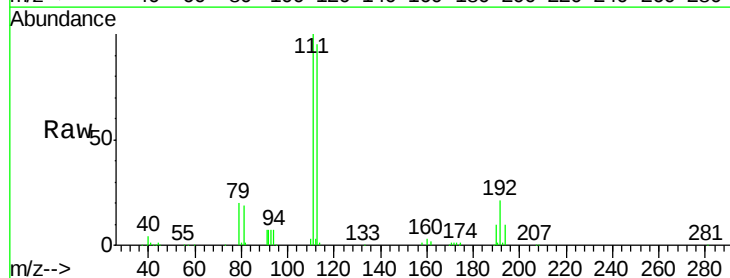
Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-217

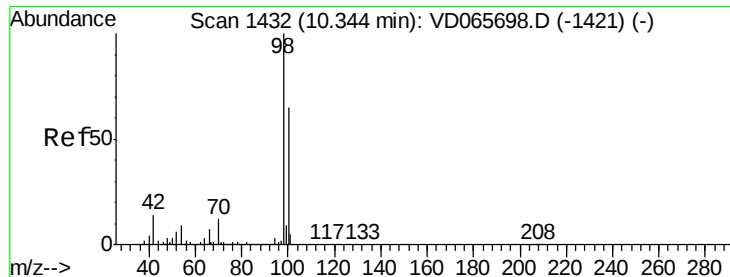
Tot Ion:114 Resp: 677783
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.1 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 50.197 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065712.D
 Acq: 07 May 2020 14:47

Tgt Ion:113 Resp: 212637
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 22.1 17.0 25.4





#50

Toluene-d8

Concen: 49.208 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

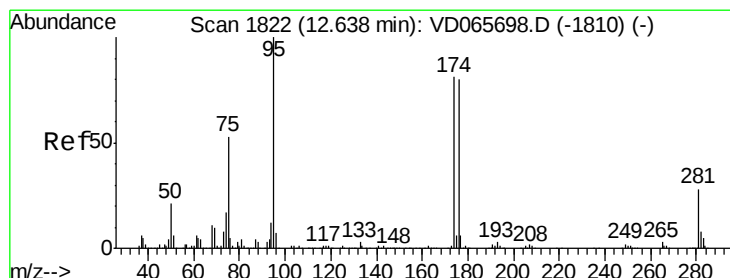
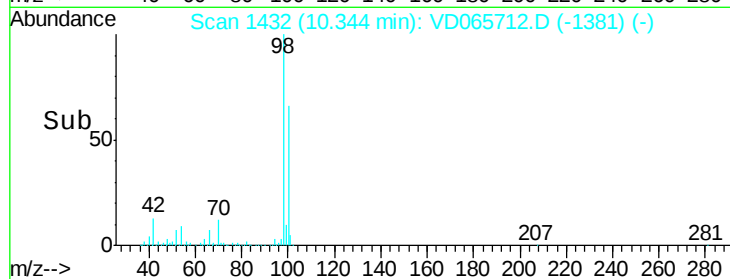
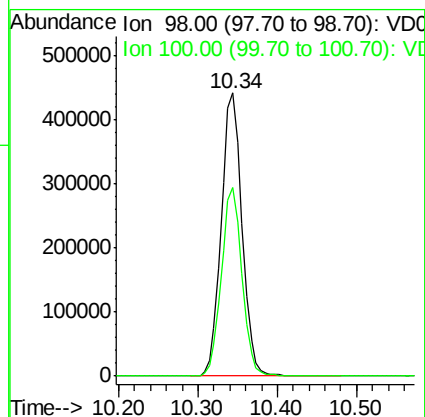
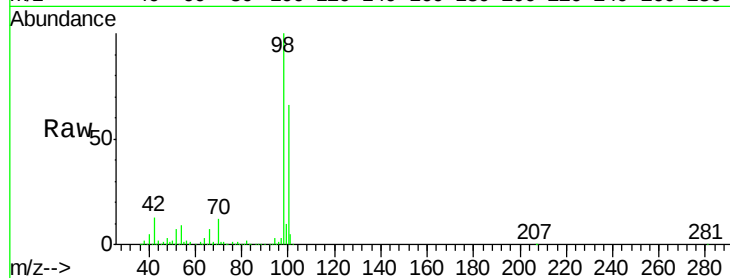
VNJ-217

Tot Ion: 98 Resp: 800501

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.737 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

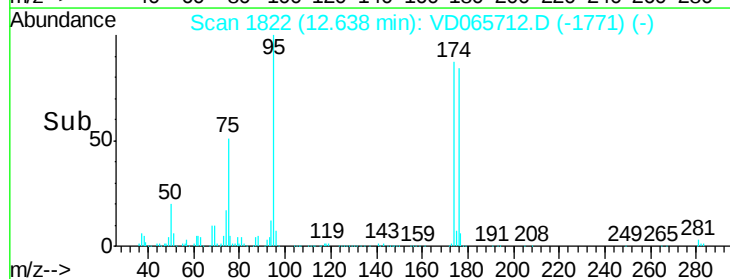
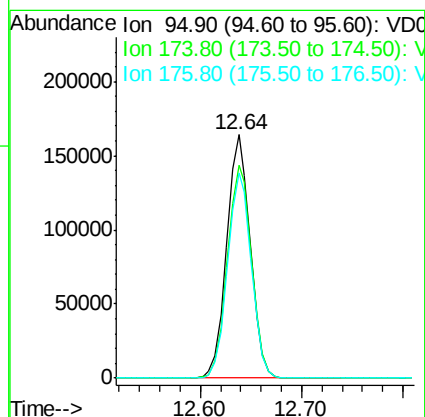
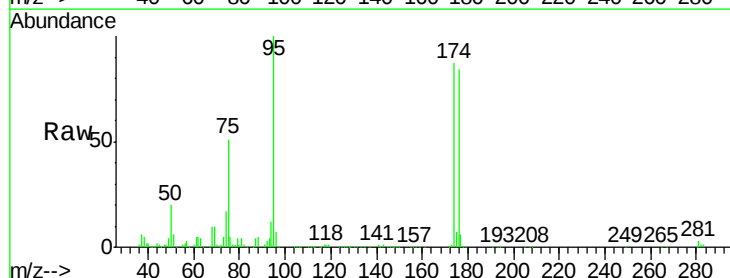
Tgt Ion: 95 Resp: 263764

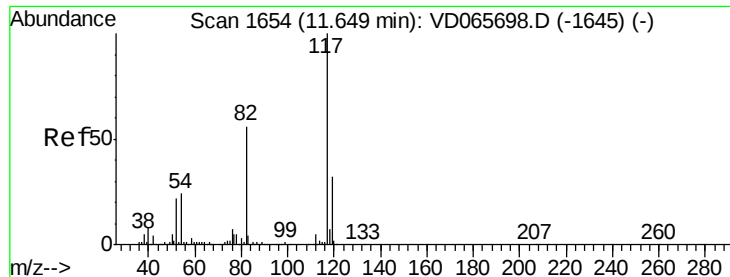
Ion Ratio Lower Upper

95 100

174 89.6 0.0 162.6

176 84.7 0.0 159.0

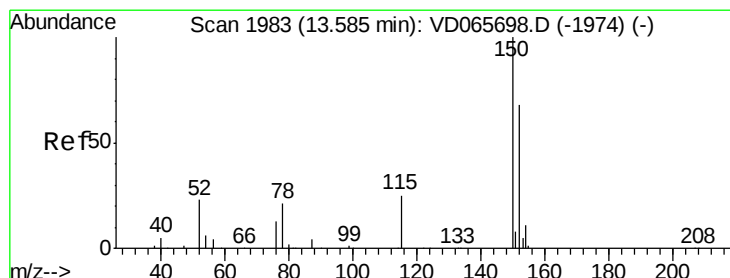
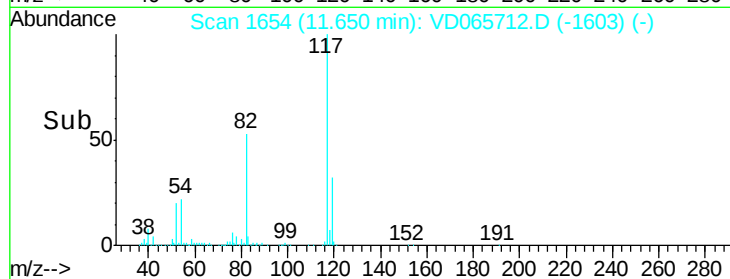
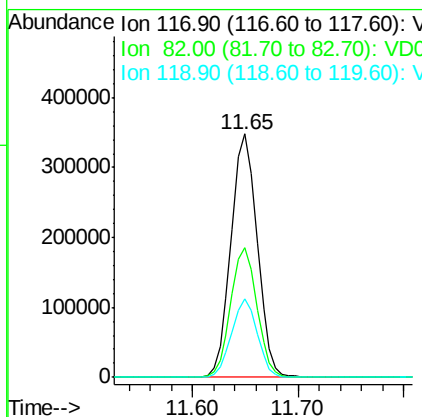
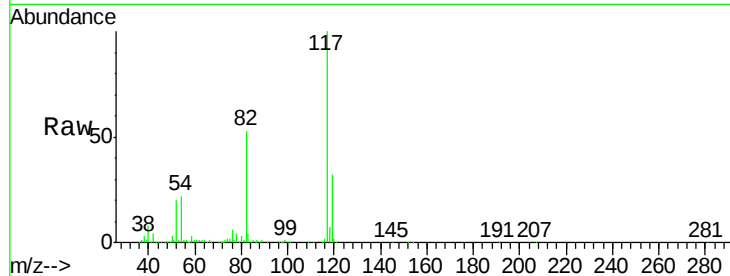




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065712.D
Acq: 07 May 2020 14:47

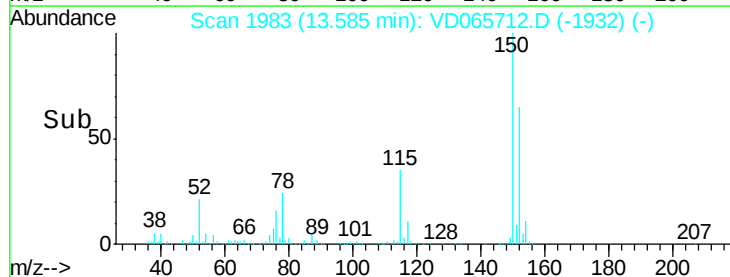
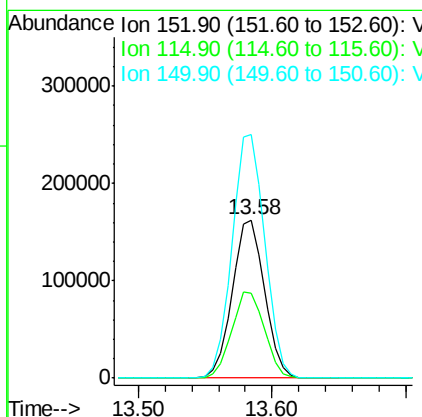
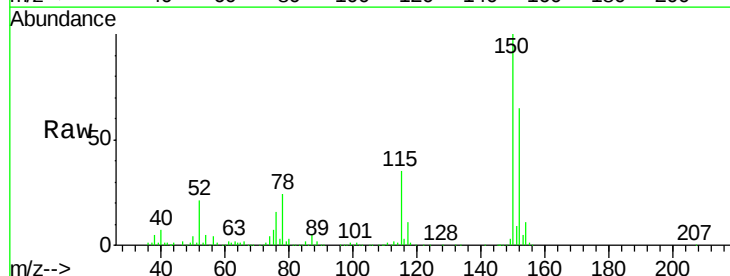
Instrument :
MSVOA_D
ClientSampleId :
VNJ-217

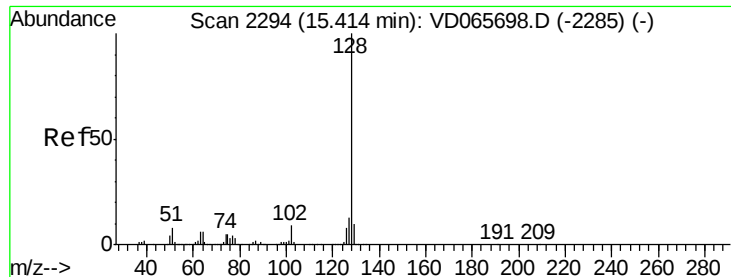
Tot Ion:117 Resp: 598160
Ion Ratio Lower Upper
117 100
82 53.4 44.9 67.3
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065712.D
Acq: 07 May 2020 14:47

Tgt Ion:152 Resp: 272685
Ion Ratio Lower Upper
152 100
115 55.1 29.5 88.5
150 156.2 0.0 346.8





#95

Naphthalene

Concen: 1.791 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065712.D

Acq: 07 May 2020 14:47

Instrument :

MSVOA_D

ClientSampleId :

VNJ-217

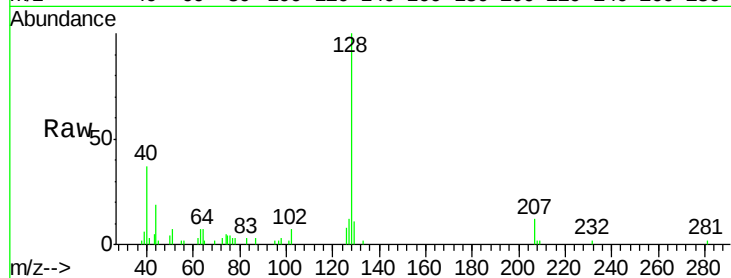
Tot Ion:128 Resp: 18151

Ion Ratio Lower Upper

128 100

127 13.9 10.4 15.6

129 12.6 9.0 13.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

