

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065396.D
 Acq On : 03 Mar 2020 16:02
 Operator : VA/SY
 Sample : L1774-03
 Misc : 6.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-236

Quant Time: Mar 04 05:45:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	538289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	922292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	847935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	381276	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	283952	58.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.28%	
35) Dibromofluoromethane	7.92	113	299495	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
50) Toluene-d8	10.34	98	1119072	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.64	95	342623	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

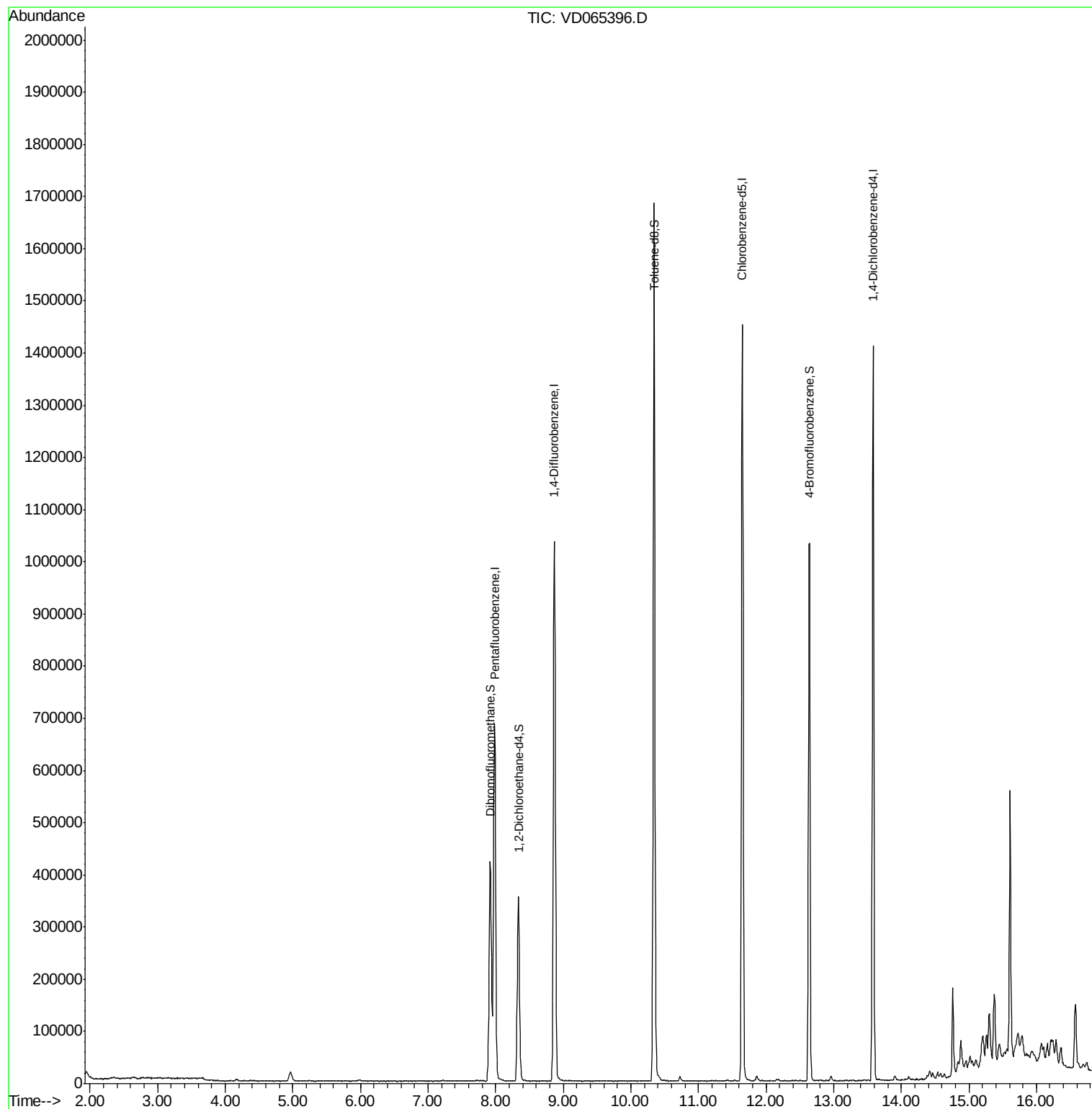
Target Compounds	Qvalue

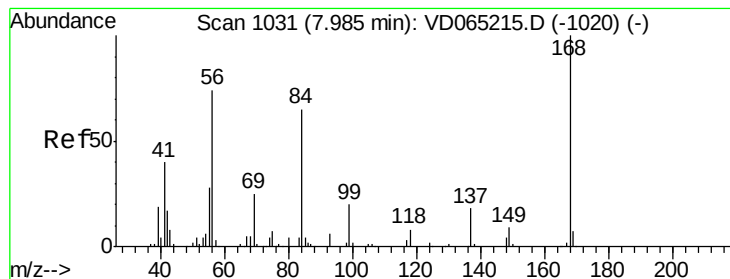
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065396.D

Acq: 03 Mar 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

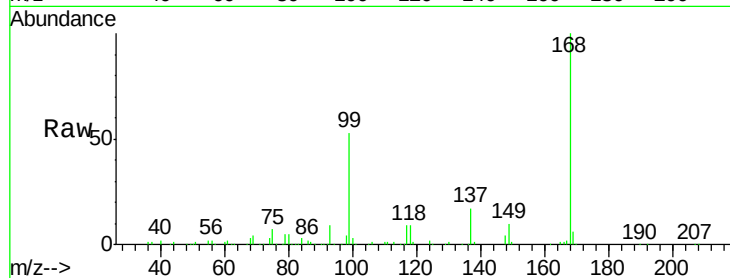
VNJ-236

Tot Ion:168 Resp: 538289

Ion Ratio Lower Upper

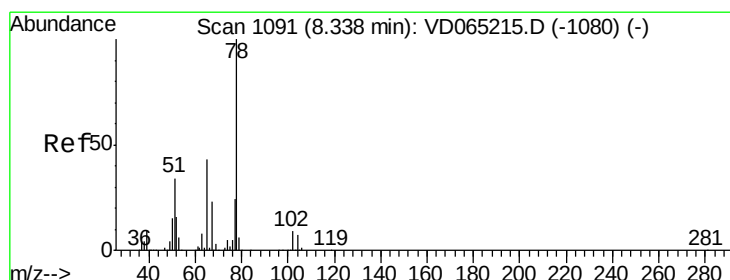
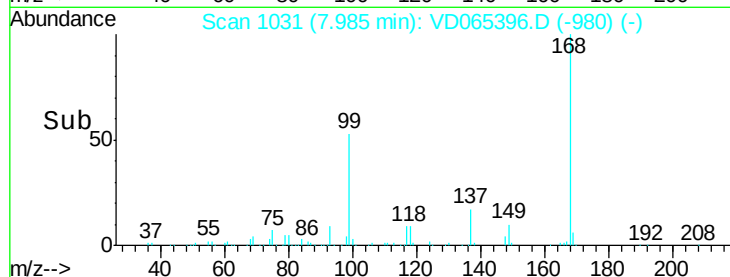
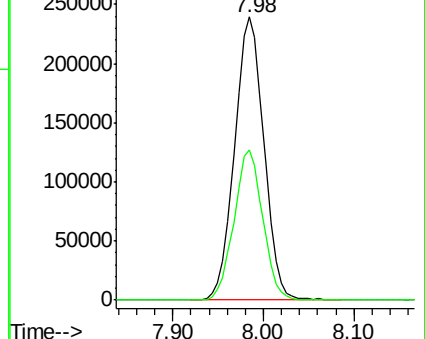
168 100

99 53.0 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.637 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065396.D

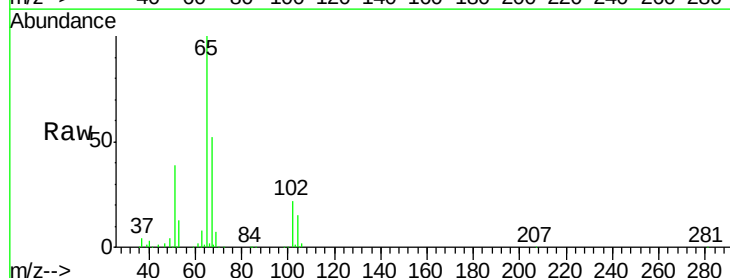
Acq: 03 Mar 2020 16:02

Tgt Ion: 65 Resp: 283952

Ion Ratio Lower Upper

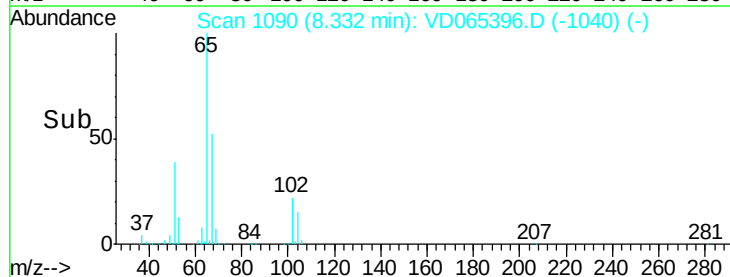
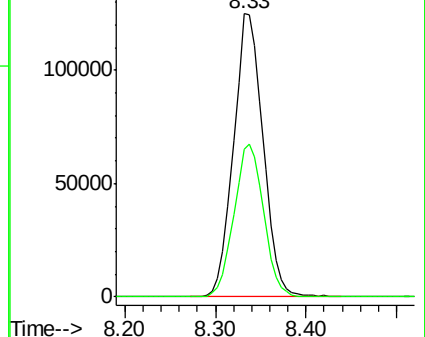
65 100

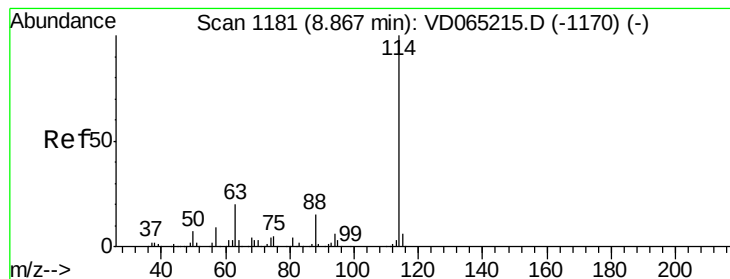
67 54.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065396.D

Acq: 03 Mar 2020 16:02

Instrument :

MSVOA_D

ClientSampleId :

VNJ-236

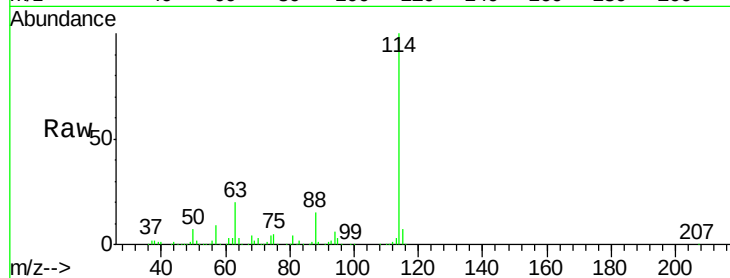
Tot Ion:114 Resp: 922292

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.4

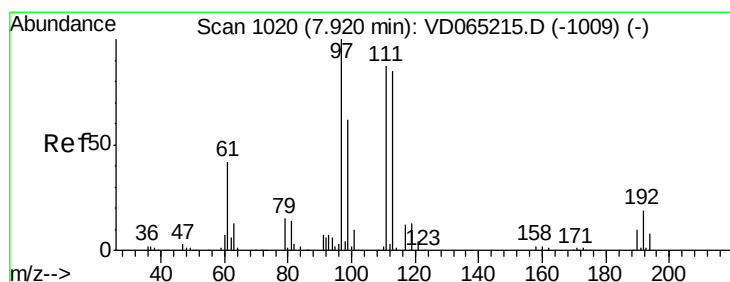
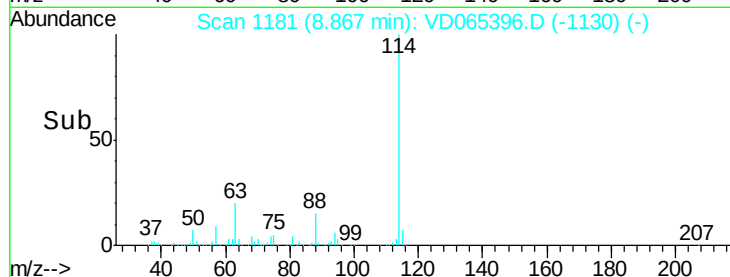
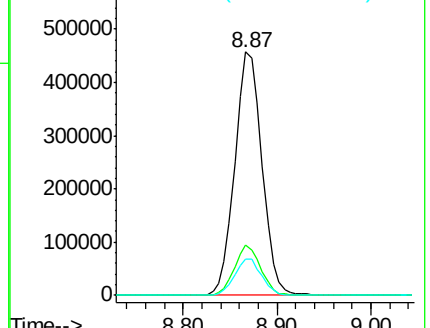
88 15.0 0.0 30.4



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: 53.257 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065396.D

Acq: 03 Mar 2020 16:02

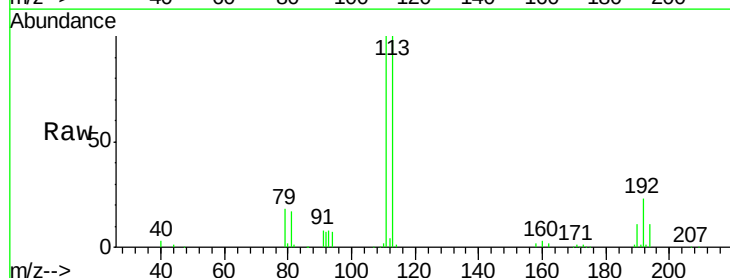
Tgt Ion:113 Resp: 299495

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

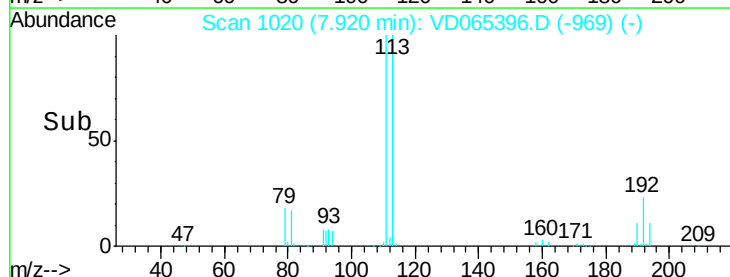
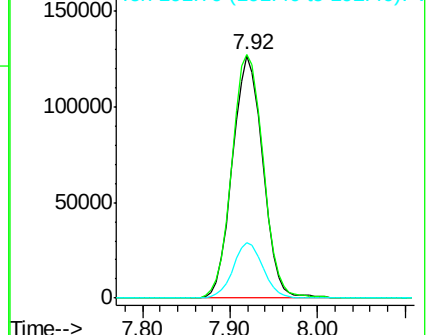
192 22.5 17.3 25.9

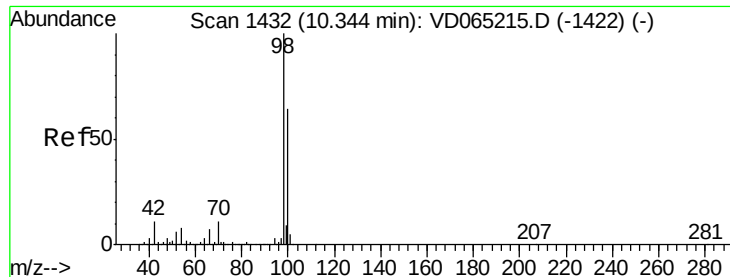


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

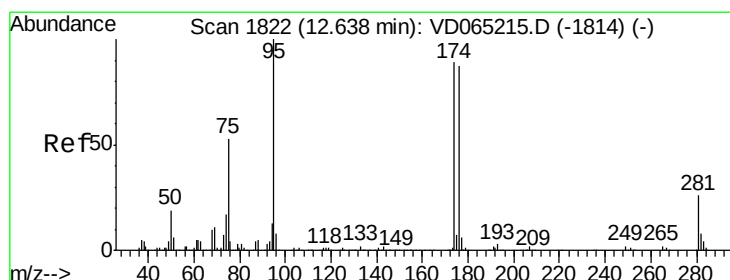
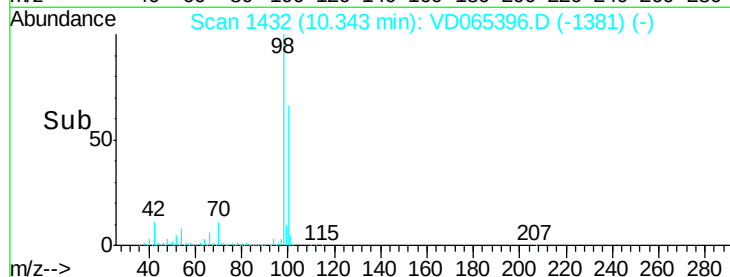
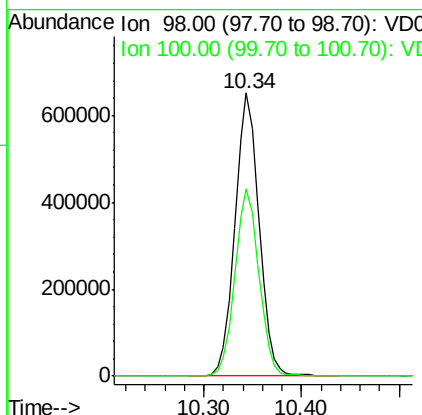
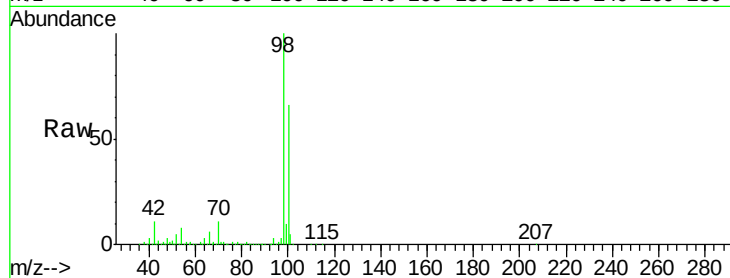




#50
Toluene-d8
Concen: 52.054 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

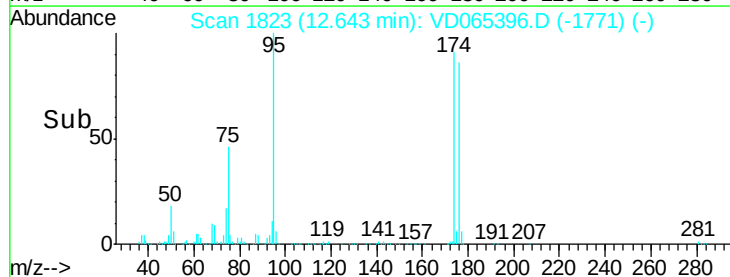
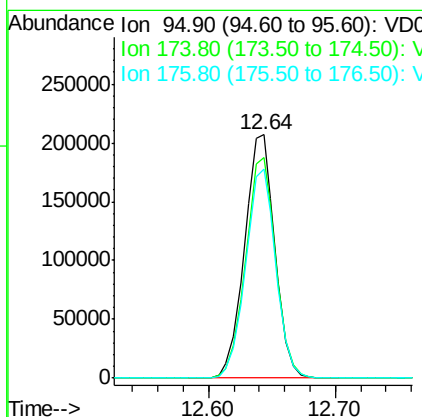
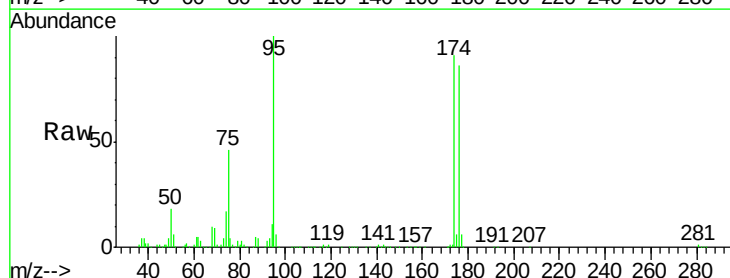
Instrument :
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VNJ-236

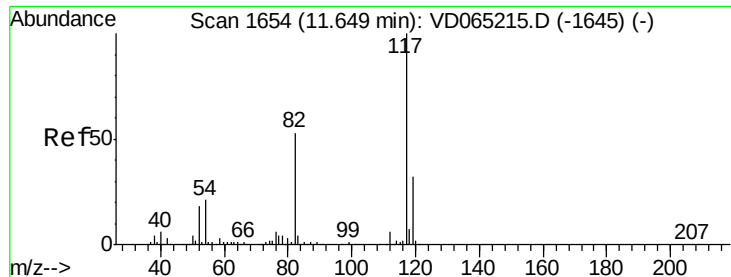
Tot Ion: 98 Resp: 1119072
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.308 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

Tgt Ion: 95 Resp: 342623
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.0
176 85.6 0.0 174.4

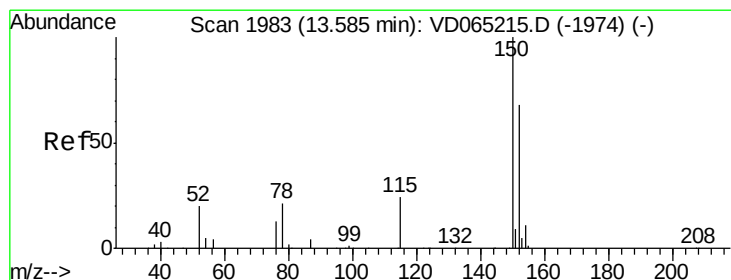
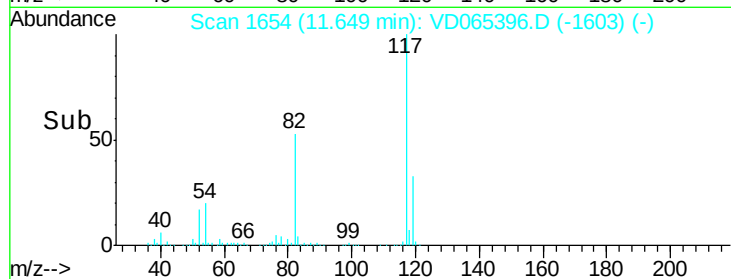
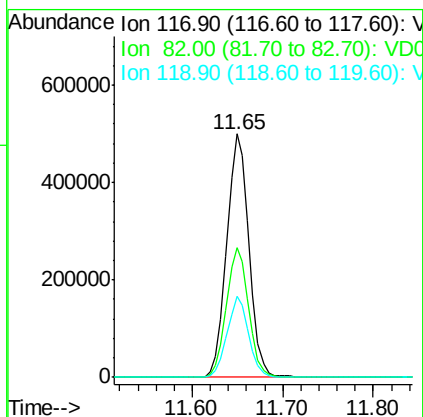
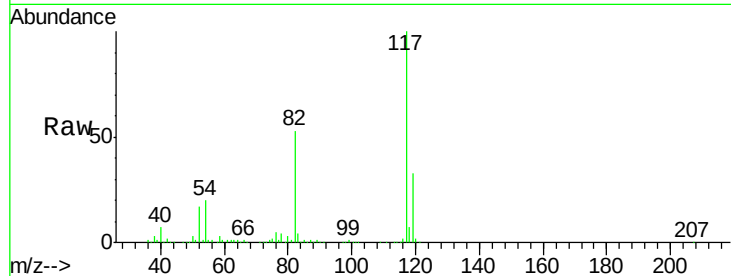




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

Instrument :
MSVOA_D
ClientSampleId :
VNJ-236

Tot Ion:117 Resp: 847935
Ion Ratio Lower Upper
117 100
82 53.2 42.7 64.1
119 33.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065396.D
Acq: 03 Mar 2020 16:02

Tgt Ion:152 Resp: 381276
Ion Ratio Lower Upper
152 100
115 54.8 27.6 82.8
150 156.4 0.0 347.4

