

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060663.D
 Acq On : 24 Mar 2020 11:28
 Operator : JC/MD
 Sample : VN0324WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBL01

Quant Time: Mar 25 04:27:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	316278	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	285396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119604	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	122203	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	7.56	113	93342	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.08	98	387325	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.40	95	135408	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	

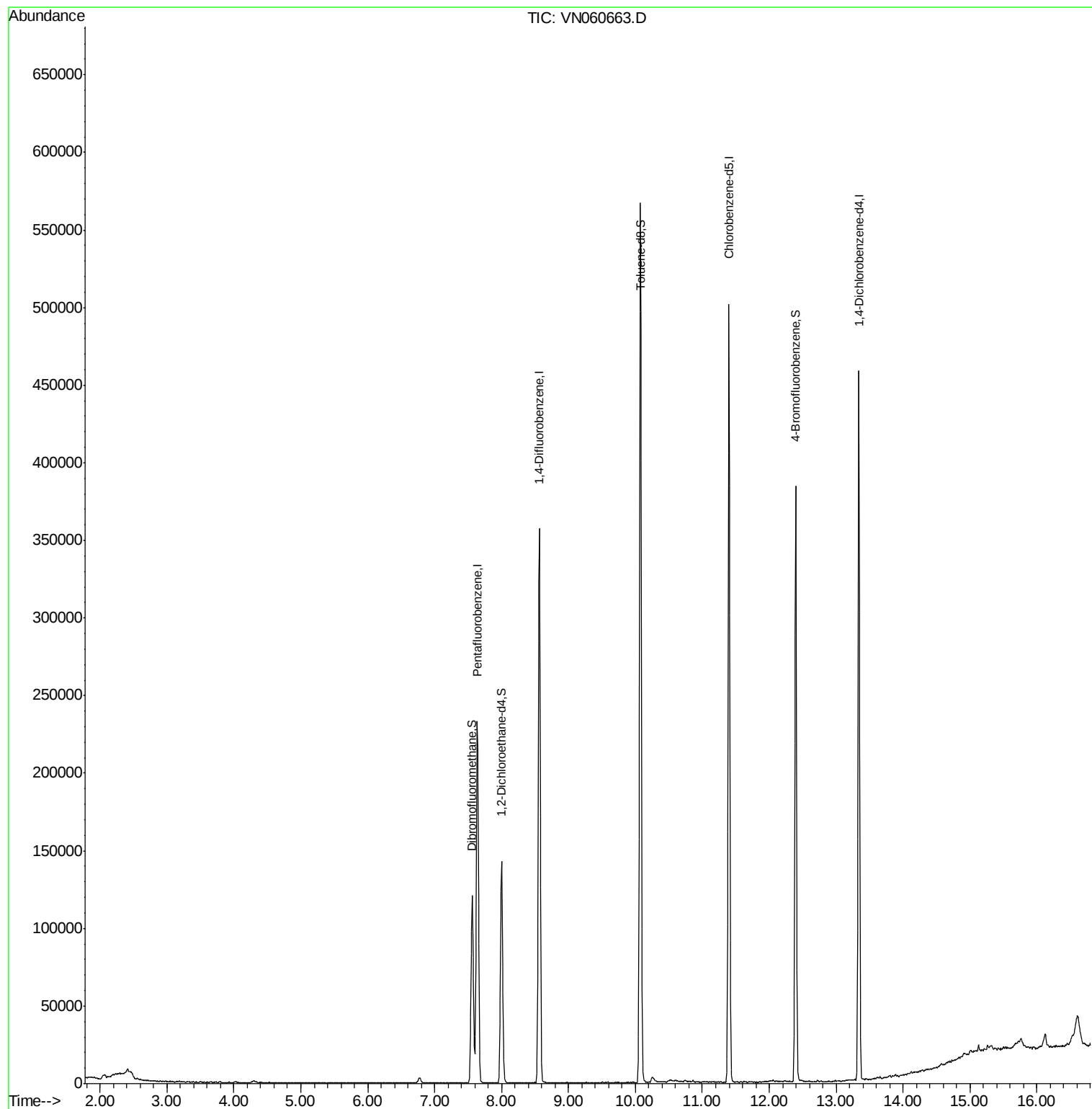
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060663.D

Acq: 24 Mar 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

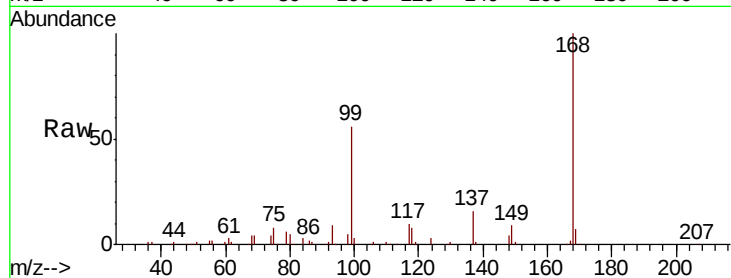
VN0324WBL01

Tot Ion:168 Resp: 191671

Ion Ratio Lower Upper

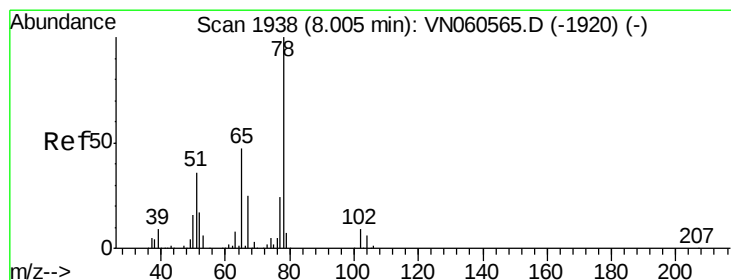
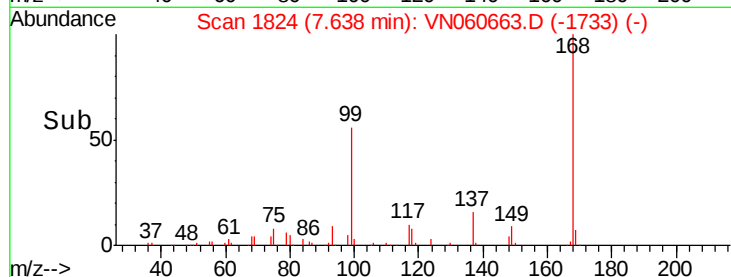
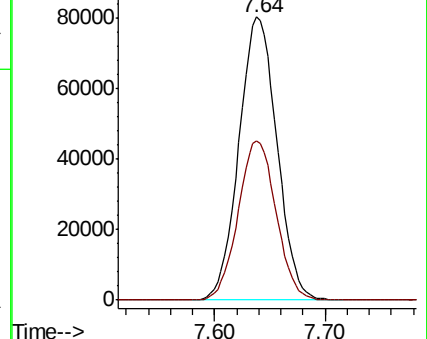
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.444 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060663.D

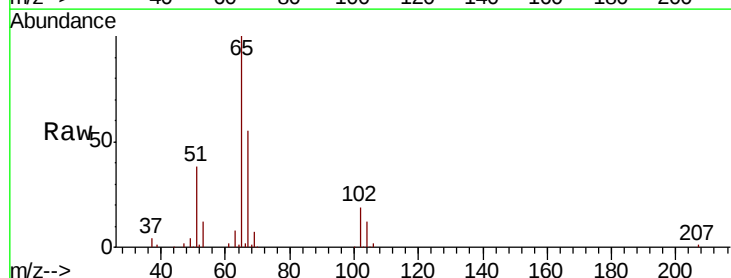
Acq: 24 Mar 2020 11:28

Tgt Ion: 65 Resp: 122203

Ion Ratio Lower Upper

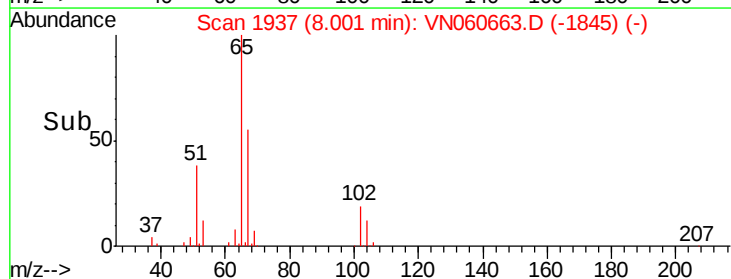
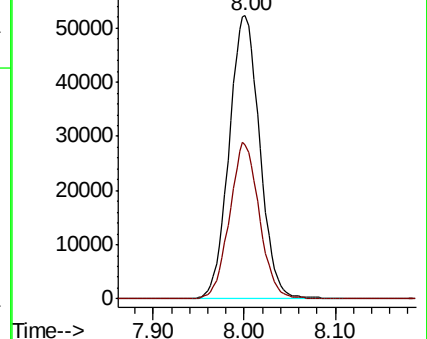
65 100

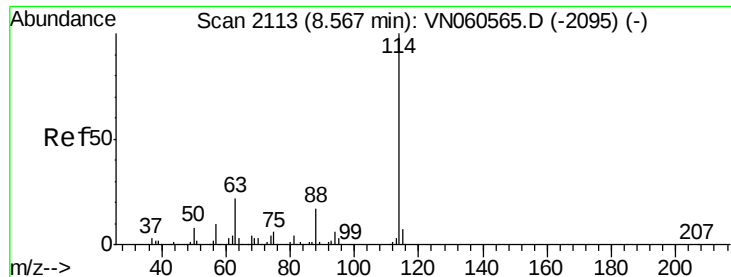
67 53.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060565.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060565.D (-1920) (-)

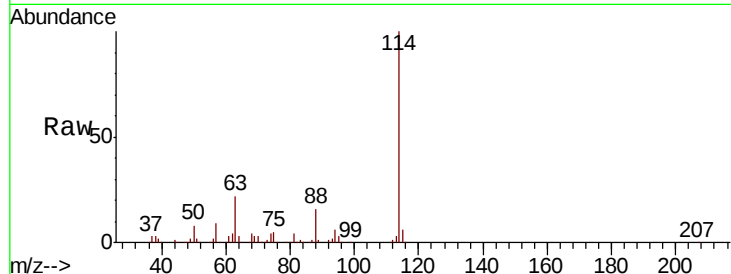




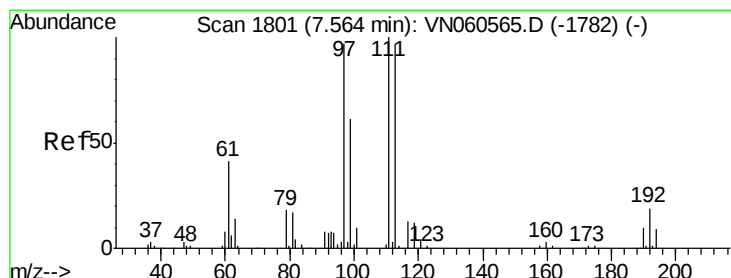
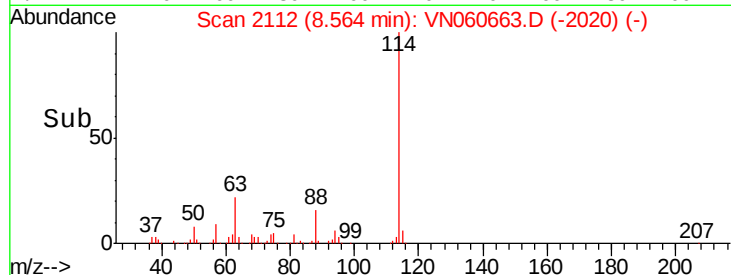
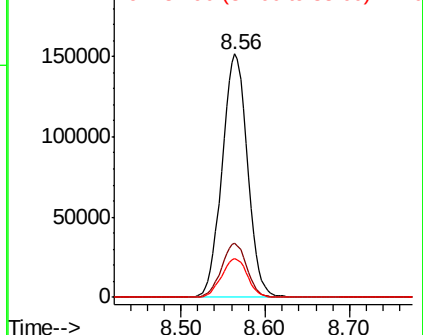
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060663.D
 Acq: 24 Mar 2020 11:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	16.1	0.0	33.0

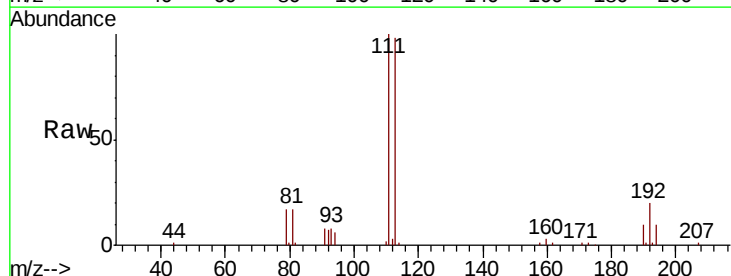


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

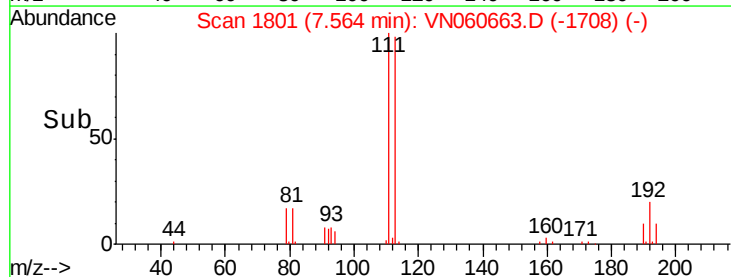
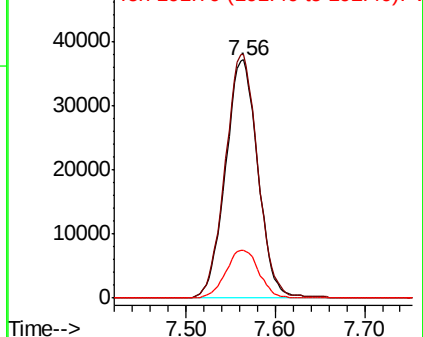


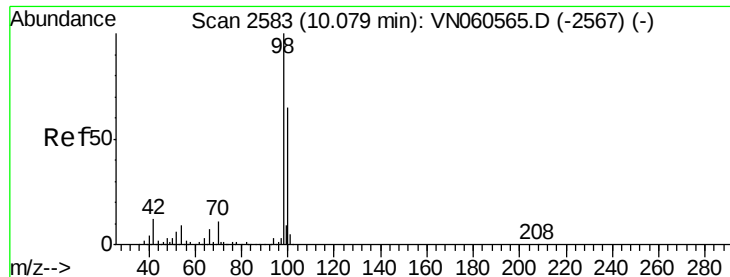
#35
 Dibromofluoromethane
 Concen: 48.808 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060663.D
 Acq: 24 Mar 2020 11:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	20.4	15.8	23.8



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: 49.584 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060663.D

Acq: 24 Mar 2020 11:28

Instrument :

MSVOA_N

ClientSampleId :

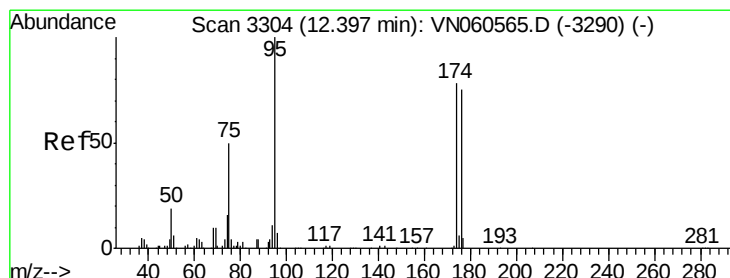
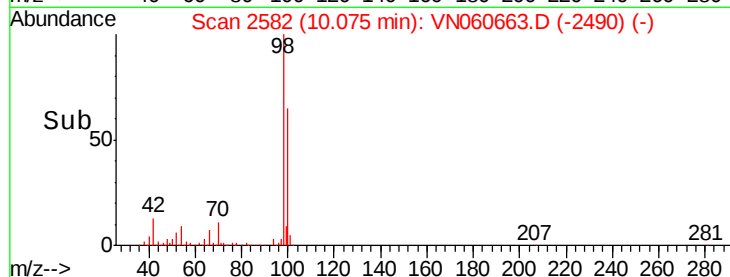
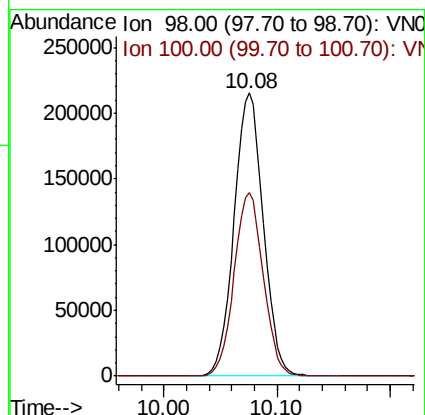
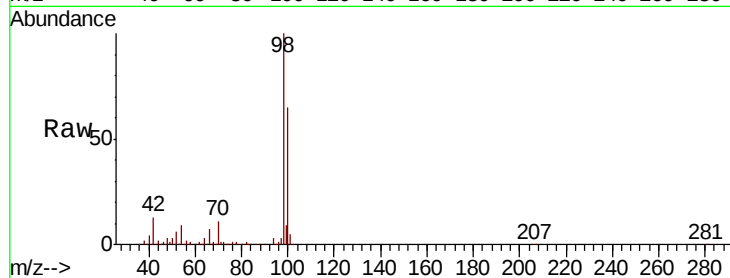
VN0324WBL01

Tot Ion: 98 Resp: 387325

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 47.299 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060663.D

Acq: 24 Mar 2020 11:28

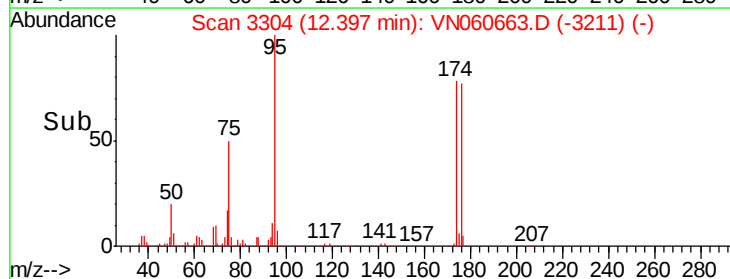
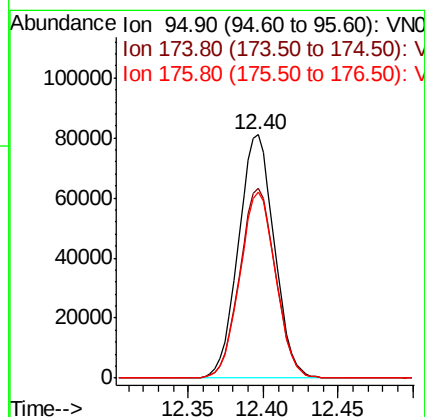
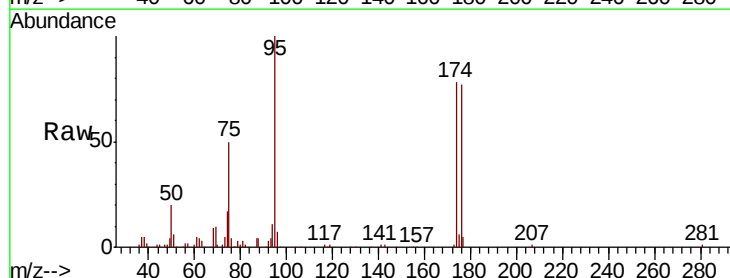
Tgt Ion: 95 Resp: 135408

Ion Ratio Lower Upper

95 100

174 78.1 0.0 157.6

176 76.2 0.0 150.6

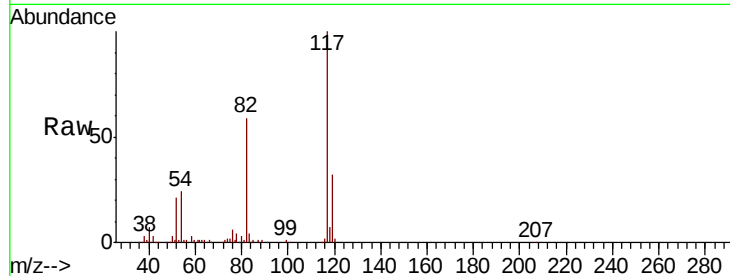




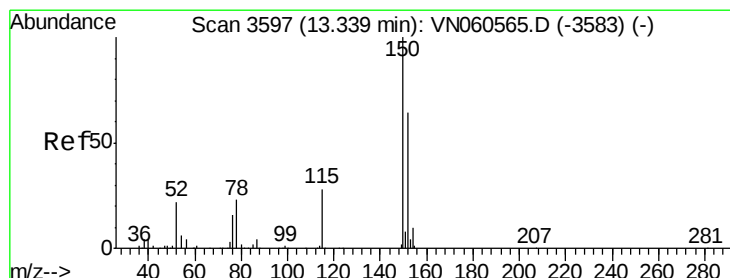
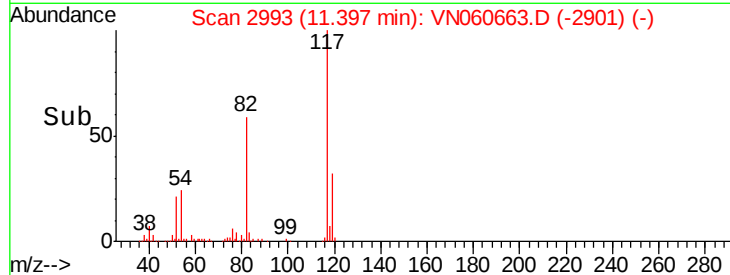
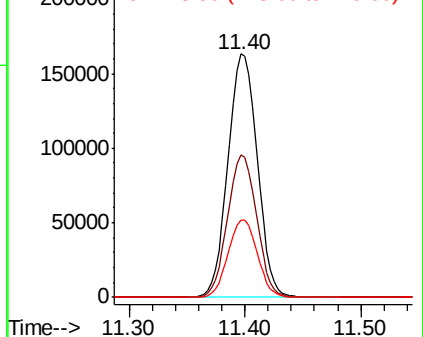
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060663.D
Acq: 24 Mar 2020 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0324WBL01

Tot Ion:117 Resp: 285396
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 32.0 25.5 38.3

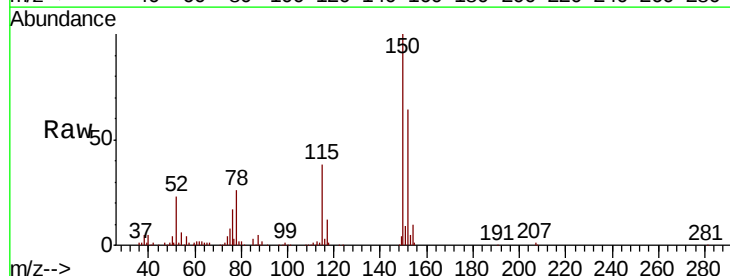


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060663.D
Acq: 24 Mar 2020 11:28

Tgt Ion:152 Resp: 119604
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 156.6 0.0 350.2



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

